





PIDX v1.0 Schemas

Petroleum Industry Data eXchange (PIDX)

October 28, 2020

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1.0 Revision History

Version	Date (YYYY-MM-DD)	Person	Description of Change
1.0	2001-11-30	Jason Roberts	Draft
1.0	2002-02-14	Jason Roberts	Initial Release





2.0 Executive Summary

2.1 Purpose

The purpose of the PIDX Implementation Guideline document is to assist trading partners to implement and use the PIDX XML instance (data) documents. The PIDX Implementation Guideline document is the property of the Petroleum Information Data Exchange (PIDX).

2.1.1 Replicable

Each group of trading partners has unique implementation requirements. The PIDX Implementation Guideline document describes a generalized process to identify those requirements and establish an agreement to meet each trading partner's business process and associated data requirements.

2.1.2 Extensibility/Modifiability

The PIDX Implementation Guideline document was created with the realization that changes will occur to meet changing technology and business requirements.

The PIDX Implementation Guideline document may be modified by approval of the PIDX committee. Submit requests for document changes to the PIDX committee for review, revision, and approval.

Note changes to this document in the Revision History (section 1) of this document.

2.2 Scope

2.2.1 Audience

The targeted audience of the PIDX Implementation Guideline document is petroleum industry individuals who are responsible for implementing PIDX XML documents. This document assumes

An understanding of XML documents, W3C XML Schemas including XML Datatypes, XML Namespaces, and a general knowledge of business data processing

An understanding of the PIDX Transport, Routing, and Packaging (TRP) Standards

An understanding of the RosettaNet Implementation Framework (RNIF) 2.0

An understanding of the PIDX XML Schema Standards

An understanding of the specific XML Schemas which will be used to define data which is exchanged between/among the trading partners

This document does not attempt to teach a person who is unfamiliar with XML documents, XML Schemas, RosettaNet Implementation Framework (RNIF) 2.0 how to use these technologies.

2.2.2 Transport, Routing, and Packaging and Data Payload

The PIDX Implementation Guideline address issues relating to both the data-carrying XML documents (payload) and the PIDX Transport, Routing, and Packaging requirements which is based on RNIF 2.0.

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2.3.1 PIDX Documents

The following PIDX documents support the PIDX XML Schema Standards.

PIDX XML Standards
Petroleum Industry Data Dictionary
PIDX Glossary

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2.3.2 W3C Documents

The PIDX XML Schemas Standards conform to the May 2, 2001 XML Schema Recommendation published by the World Wide Web Consortium (W3C).

XML Schema Part 0: Primer : http://www.w3.org/TR/2001/REC-xmlschema-0-20010502/
XML Schema Part 1: Structures: http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/
XML Schema Part 2: Datatypes: http://www.w3.org/TR/2001/REC-xmlschema-0-20010502/

2.3.3 RosettaNet Documents

The PIDX Routing, Transmission, and Packaging Standards are built on RosettaNet Implementation Framework (RNIF) 2.0 standards. The RNIF 2.0 standards may be downloaded from the RosettaNet web site: http://www.RosettaNet.org

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Implementation Guideline Petroleum Industry Data eXchange (PIDX)



2.4 Approach

The general approach to implementing a PIDX process between/among trading partners includes the following steps:

- 1. Define the Business Processes and supporting interactions between/among the business partners.
- 2. Identify the PIDX XML transactions required to support the Business Process.
- 3. Identify Transport, Routing, and Packaging (TRP) methods including "Signal" messages to control the exchange of XML instance (data) documents.
- 4. Identify detailed data requirements for each transaction.

2.5 Define the Business Processes

Use the PIDX Business Process diagrams to define the business process that the trading partners will use to perform the business function. Redraw the Business Process diagrams to define the specific business process that the trading partners will use.

2.6 Identify XML Transactions

Use the Business Process diagrams to define which PIDX XML transactions will be exchanged by the trading partners. The currently defined PIDX transactions are:

RequestRequisitionReturn

QuoteRequest Quote

QuoteNotification

OrderCreate

OrderChange

OrderResponse

FieldTicket

FieldTicketResponse

Invoice

InvoiceResponse

CementingTemplate

The CementingTemplate is to be used as an attachment to another transaction; the other transactions may be used as stand alone transactions.

2.7 Define Transport, Routing, and Packaging (TRP) Implementation

Use PIDX XML Transport, Routing, and Packaging (TRP) Standards, to define an approach for data exchange. The PIDX TRP Standards are based on the RosettaNet Implementation Framework (RNIF) 2.0. The PIDX TRP Standards can be used for both business "Action" transactions and for "Signals" which indicate such events as the receipt of a data transmission. Decisions regarding TRP include:

The physical communication method: leased line, dial-up, Internet, etc.

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Element values for the three RNIF 2.0 headers

Where "Signal" messages will be utilized and the rules for "Signal" messages

The use of digital signatures for authentication

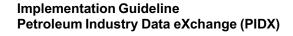
The use of data encryption for data integrity and confidentiality

Attachments to documents

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2.8 Define XML Transactions Elements

Trading partners need to identify each data element within each XML transaction that will be transferred. For each data element the trading partners need to identify:

If the data element is mandatory, optional, or forbidden The data format of the data element Possible default values for the data element if absent

Relationships between/among multiple data elements

The trading partners must evaluate all repeating groups of elements. The must define constraints on element groups and the number and meaning of repeating groups.





3.0 Implementation Checklist

Please refer to the following implementation checklist when planning and implementing the use of PIDX XML Schemas.

3.1 Administrative

Create required legal agreement between or among trading partners

Define operating procedures in accord with anti-trust guidelines

Establish project objectives, scope

Establish project contacts: business, technical, operational

Develop an implementation project plan

3.2 Define Project Requirements

Define business process and transaction requirements

Define error-processing requirements

Define problem resolution requirements

Define security requirements

Confidentiality

Integrity

Availability

Non-repudiation

Define application interface requirements (proprietary to each trading partner)

Define transaction storage and audit requirements

3.3 Define Technical Requirements

Define each Action and Signal message that will be exchanged

Define field by field requirements for each Action (business) message

Define field by field requirements for each Signal message

Define data communication and network (firewall, router) access requirements

Define transmission protocol (HTTP(S), SMTP, other) requirements

Define each field in TRP Preamble header

Define each field in TRP Delivery header

Define each field in TRP Service header

Define each TRP attachment

Define what will be encrypted

Define use of digital signatures

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Define use of the message "digest" for non-repudiation
Define business recovery requirements
Define hardware requirements
Define software requirements

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3.4 Define Business Process Requirements

Define internal business process requirements (proprietary to each trading partner)
Train internal staff (proprietary to each trading partner)

3.5 XML Transaction Checklist

Develop, test, and implement the creation of each Action TRP transaction
Develop, test, and implement the acceptance and processing of each Action TRP transaction
Develop, test, and implement the creation of each Signal TRP transaction
Develop, test, and implement the acceptance and processing of each Signal TRP transaction

3.6 TRP Checklist

Develop/purchase, configure, test, and implement software/hardware to create TRP components

MIME multipart/related components

MIME multipart/signed components

TRP Preamble header

TRP Delivery header

TRP Service header

TRP Service content

Action message

Signal message

Attachment(s)

Develop/purchase, configure, test, and implement software/hardware to support encryption Exchange public keys

3.7 Data Communication checklist

Install, configure, test, and implement each network component

Exchange IP addresses/names

Configure firewalls, routers, other communications equipment

3.8 Application Checklist

Define, build/install, test, and implement application interfaces (proprietary to each trading partner)

Define, build/install packaging, unpackaging processes

Define, build/install, test, and implement error processes

Implement application support processes

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3.9 Operations Checklist

Install, configure, implement hardware
Install, configure, implement software
Install, configure, implement network components Install,
configure, implement data storage and backup Define,
test, and implement business recovery processes
Train operation and network support personnel

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4.0 Transport, Routing, and Packaging (TRP) Guidelines

The following documents must be understood to use section 4. Transport, Routing, and Packaging (TRP) Guidelines.

"RosettaNet Implementation Framework: Core Specification, Version: Validated 02.00.00, 13 July 2001" (RNIF: CS)

Supporting DTDs

Message Guidelines

These documents may be accessed on the RosettaNet web site at:

http://www.rosettanet.org/rosettanet/Rooms/DisplayPages/LayoutInitial

4.1 TRP Overview

The PIDX TRP standard is based on the RosettaNet Implementation Framework 2.0 (RNIF 2.0). RNIF 2.0 utilizes existing standards including MIME multi-part/related, MIME multi-part/signed, HTTP(S), SSL, PKCS#7, SMTP, and XML. Implementers must understand the PIDX TRP standard, RNIF 2.0 standards, and the standards used by RNIF 2.0 including MIME, HTTP(S), SMTP, and PKCS#7.

4.2 TRP Decisions

The following sections describe the decisions that must be made for each transaction in detail and provides a mechanism for documenting the implementation decisions.

Synchronous or Asynchronous Transactions

Signal Response

Signal Response Positive Rules

Signal Response Exception Rules

Routing Decisions

Route directly between trading partners

Route through a third party

Transport Decisions

Private Network Connection

Leased Line

Dial-up

Frame relay connection

Other dedicated network connection

Public Network connection (Internet)

Protocol Decisions

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RosettaNet Approved

HTTP/S SMTP

RosettaNet Unapproved

FTP

FTPS

Security Decisions

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Signed

Signed

Unsigned

Encrypted

Payload encrypted

MIME packaging decisions

Preamble Header

Delivery Header

Service Header

Service Content

Attachment

Header Decisions

Preamble Header

Delivery Header

Service Header

Response (Signal) Decisions

Preamble Header

Delivery Header

Service Header

Service Content

4.3 Synchronous or Asynchronous Response

RNIF 2.0 Action transactions may be either synchronous (message response in real time) or asynchronous (message response not in real time). PIDX Action transactions are always asynchronous. Signal response messages are always asynchronous in both RNIF 2.0 and in PIDX.

If the trading partners desire to couple multiple transactions together into synchronous transactions they may agree on the transactions to be coupled, the expected response times, and the mechanisms for positive and negative responses.

Decision Point	Decision Made	PIDX Standard
Synchronous or Asynchronous		PIDX recommends that all transactions be treated as asynchronous transactions.

4.4 Signal Response

A Signal response may be sent after each Action transaction has been received. Signal responses may either be positive (Receipt Acknowledgement) or negative (Exception). Signal responses are never sent as a response to another Signal response. Signal responses are always asynchronous responses. RNIF

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2.0 defines Signal response processing with the following two flowcharts:

RNIF: CS Figure 18 Entire Message Processing Flow (RNIF: CS page 57)

RNIF: CS Figure 19 "Handle Error" Flow (RNIF: CS page 58)

Signal Exception responses are sent for errors in the Preamble header and Delivery header only if the transport level (HTTP or SMTP) debug headers are set to debug mode. If debug mode is not set on, no Exception signal is sent in the event of an error in a Preamble or Delivery header. The following RNIF: CS sections describe the debug header processing

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RNIF: CS section 2.4.2.6 Debug Header as an Extension-Header in HTTP (RNIF: CS, page 65) RNIF: CS section 2.4.3.4 Debug Header as an Extension-Header in SMTP (RNIF: CS, page 71)

The following PIDX Implementation Guideline (PIDX IG) sections describe Signal header decisions:

PIDX IG section 4.11 Header Decisions for Signal Response Receipt Acknowledgment (Positive Response)

PIDX IG section 4.11 Header Decisions for Signal Response Exception (Negative Response)

Trading partners must define where Signal messages will and will not be sent be sent.

Decision Point	Decision Made	PIDX Standard
Receipt Acknowledgement		Follow RNIF 2.0 Standards for positive responses.
Exception		Follow RNIF 2.0 Standards for negative response.

4.5 **Routing Decisions**

Transaction may routed directly from one trading partner to another trading partner or may pass through an intermediate third party.

Decision Point	Decision Made	PIDX Implementation
Route directly between trading partners		Need URL, IP address, or other network identifier for each trading Partner
Route through an intermediary		Need URL, IP address, or other network identifier for each trading Partner

4.6 **Transport Decisions**

Trading partners may use either a private network connection or a public network connection for data communications.

4.6.1 Private Network Connection

If a private network connection will be established between or among the trading partners and the Hub the following decisions must be made:

Decision Point	Decision Made	PIDX Implementation
Type of Private Connection		Leased line, Dial-up, Frame Relay, other private connection
Access through corporate firewalls		Access via extranet through firewall, access through dial communication

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Method of authentication	Network authentication, server authentication, application authentication
Method of encryption	Un-encrypted communication, VPN tunnel encryption, RNIF 2.0 encryption, other encryption

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4.6.2 Public Network Connection (Internet)

If the trading partners and/or an intermediate third party communicate over the public Internet methods must be implemented to insure message confidentiality, integrity, and availability.

Decision Point	Decision Made	PIDX Implementation
Method of authentication		Network authentication, server authentication, application authentication
Method of encryption		Un-encrypted communication, VPN tunnel encryption, RNIF 2.0 encryption, other encryption

4.7 Protocol Decisions

The RNIF 2.0 standard specifies HTTP, HTTP/S, and SMTP protocols.

Decision Point	Decision Made	PIDX Implementation
Use RosettaNet approved protocol		HTTP, HTTP/S, SMTP
Use alternate protocol		Alternate protocol: FTP, Secure FTP, other

4.8 Security Decisions

RNIF specifies signed, unsigned, encrypted, and not-encrypted messages.

Decision Point	Decision Made	PIDX Implementation
Signed or unsigned messages		Messages signed using S/MIME according to RNIF: CS, 2.2.1 Use of S/Mime with RosettaNet and RNIF: CD 2.2.2 Use of Digital Certificates within RosettaNet
Encrypted or not-encrypted messages		Messages encrypted using S/MIME according to RNIF: CS, 2.2.1 Use of S/Mime with RosettaNet and RNIF: CD 2.2.2 Use of Digital Certificates within RosettaNet
Use of Digital Certificates		PKS7

4.9 MIME Packaging Decisions

MIME parameters are used for each MIME part: Preamble header, Delivery header, Service header, Service Content, and Attachments. Implementers need to understand their middleware requirements for MIME parameters. Most of the values for the following MIME parameters are RNIF 2.0 values.

4.9.1 MIME Header Parameter

Decision Point	Decision Made	PIDX Implementation

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MIME-version		"1.0"
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4.9.2 MIME Content-Type parameters

Decision Point	Decision Made	PIDX Implementation
multipart/related		For unsigned MIME parts
multipart/signed		For signed MIME parts
boundary for headers		Select boundary name for unsigned MIME parts
boundary for signature		Select boundary name for signed MIME parts
type		"application/XML" for headers
protocol		"application/pkcs7-signature" for signature
micalg		"shal"

4.9.3 MIME Content-Description parameters

Decision Point	Decision Made	PIDX Implementation
Content-Description		Descriptive text

4.9.4 MIME Preamble Header

Decision Point	Decision Made	PIDX Implementation
Content-Type		"Application/XML"
Content-Location		"RN-Preamble"
Content-Description		Descriptive string for Preamble Header
Content-ID		ID string for Preamble

4.9.5 MIME Delivery Header

Decision Point	Decision Made	PIDX Implementation
Content-Type		"Application/XML"
Content-Location		"RN-Delivery-Header"
Content-Description		Descriptive string for Delivery Header
Content-ID		ID string for Delivery Header

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4.9.6 MIME Service Header

Decision Point	Decision Made	PIDX Implementation
Content-Type		"Application/XML"
Content-Location		"RN-Service-Header"

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Decision Point	Decision Made	PIDX Implementation
Content-Description		Descriptive string for Service Header
Content-ID		ID string for Service Header

4.9.7 MIME Service Content

Decision Point	Decision Made	PIDX Implementation
Content-Type		"Application/XML"
Content-Location		"RN-Service-Content"
Content-Description		Descriptive string for Service Content
Content-ID		ID string for Service Content

4.9.8 MIME Attachment

Decision Point	Decision Made	PIDX Implementation
Content-Type		Value from Appendix F: GlobalMimeTypeQualifierCode Values corresponding to attachment type.
Content-Type name=		Name of attachment
Content-Description		Description of attachment
Content-ID		ID string for attachment

4.10 Header Decisions for Business Action Messages

For each business action message trading partners must agree on RNIF 2.0 Header contents. RNIF 2.0 specifies three headers: Preamble. Delivery, and Service. Implementers must understand the element value requirements of their middleware processors. Many of the following values user RNIF 2.0 values for compatibility with systems that process RNIF 2.0 messages. The following sections address the contents of the three headers:

4.10.1 Preamble Header for Business Action Message

Preamble Header Data Element	Decision Made	PIDX Standard
GlobalAdministeringAuthorityCode		"RosettaNet"
VersionIdentifier		"V02.00"

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4.10.2 Delivery Header for Business Action Message

Delivery Header Data Element	Decision Made	PIDX Implementation
AffirmationIndicator		"Yes" - The next hub must transmit this message securely
		"No" - The next hub does not need to transmit this message securely
DateTimeStamp		The date and time of the message. The timestamp must be as close to the time of the first attempt as possible.
		The RNIF 2.0 format is CCYYMMDDTHHMMSS.000Z. This is not the standard XMLSchema dateType datatype.
FreeFormText (under messageReceiverIdentification, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (under messageReceiverIdentification, PartnerIdentification)		The nine digit DUNS number for receiver
Value (under messageReceiverIdentification, LocationID, value)		Location of receiver
FreeFormText (under messageSenderIdentification, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (under messageSenderIdentification, PartnerIdentification)		The nine digit DUNS number for sender
Value (under messageSenderIdentification, LocationID, value)		Location of sender

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InstanceIdentifier (under messageTrackingID	A unique alphanumeric identifier that represents a specific instance of a business process, business transaction, business action, or business signal. The instance identifier must be unique for a particular instance of a business process, business transaction, business action and business signal. The value MUST be unique within the context of the message sender.
	The InstanceIdentifier is used for subsequent signals.

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4.10.3 Service Header for Business Action Message

Service Header Data Element	Decision Made	PIDX Implementation
BusinessActivityIdentifier (under ActivityControl)		An identifier which specifies a business activity.
		RNIF 2.0 requires this data element be populated with either the value populated in the corresponding "Activity" element based in the PIP specification for the specific PIP and activity or based on the values defined in the PIP specification for Business Activity Description. PIDX will use the name of the XML Schema as the BusinessActivityIdentifier:
		"FieldTicket" "FieldTicketResponse"
		"Invoice"
		"InvoiceResponse"
		"OrderChange" "OrderCreate"
		"OrderCreate"
		"Quote"
		"QuoteNotification"
		"QuoteRequest"
		"RequestRequisitionReturn"
		Note: This data element is used for application level process automation – therefore PIDX can define additional values.
GlobalPartnerRoleClassificationCode (Under ProcessControl, ActivityControl, MessageControl, fromRole)		This data element is populated with the role the sending or receiving party plays given the specific action they are carrying out in the business message.
		See Appendix B GlobalPartnerRoleClassificationCode Values for RosettaNet standard values.
		Note: This data element is used for application level process automation – therefore PIDX can define additional values.

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GlobalBusinessServiceCode (Under ProcessControl, ActivityControl, MessageControl, fromService)	his data element is populated with a code defining the type of business service fulfilled by the sending or receiving party given the specific action carried out in the business message.
	See Appendix C GlobalBusinesServiceCode Values for RosettaNet standard values.
	Note: This data element is used for application level process automation — therefore PIDX can define additional values here or in its PIP descriptions.

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Decision Made	PIDX Implementation
	This structure must be present if not the first action message in an activity.
	PIDX transactions are generally a single asynchronous transmission and this structure will not be used except for signals.
	This structure must be present for all signals.
	The Action Code corresponding to the action to which this message is in reply.
	See Appendix D GlobalBusinessActionCode Values for RosettaNet standard values.
	PIDX may define custom code values for this data element representing PIDX specific transactions.
	Note: This data element is populated only if the message exchange requires the transaction initiator to refer to another, separate transaction.
	This data element represents the standard or authority used to validate the structure of the message being created. For communication of all PIDX designed messages, this data element must be populated with the literal value
	"PIDX XML Standards Group"
	Note: Although RosettaNet defines this data element as optional, it is required in every instance for PIDX transactions.
	The value defined as the default message standard can be anything PIDX wants – above is my recommendation.
	Decision Made

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VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, ActionIdentity. standardVersion)	This data element is used to indicate the version of the message standard the Service Content must adhere to. For PIDX, this will correspond to the version number of the validated Com.Pro.Serv XML Schemas. This will initially be: "1.0"
InstanceIdentifier (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, messageTrackingID)	Identifies the instance ID of the action to which this message is a reply. The value MUST come from the Message Tracking ID (InstanceIdentifier under messageTrackingID) in the Delivery header of the original received message.

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Service Header Data Element	Decision Made	PIDX Implementation
FreeFormText (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment, description)		Details of the attachment. Not present if the number of attachments is 0. MUST have exactly one occurrence for each attachment.
GlobalMimeTypeQualifierCode (Under ProcessControl, ActivityControl,		The MIME content type for the attachment. Examples:
MessageControl, Manifest, Attachment)		"text/XML"
		"application/msword"
		"application/pdf"
		"application/vnd.ms-excel"
		See Appendix F GlobalMimeTypeQualifierCode Values for RosettaNet standard values.
		The "official" list of possible values may be found in the Media Types Directory maintained by the Internet Assigned Numbers Authority at the following web site:
		http://www.isi.edu/in- notes/iana/assignments/media- types/media-types
		A somewhat more readable version can be found at:
		http://www.utoronto.ca/webdocs/HTMLdocs/Book/Book-3ed/appb/mimetype.html-mult
UniversalResourceIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment)		Attribute of Attachment Details. Reference to the content ID of the attached document. This value MUST follow the Content-ID reference syntax per RFC 2111 and MUST name the MIME Content-ID of the attachment.
CountableAmount (Under ProcessControl, ActivityControl, MessageControl, Manifest, numberOfAttachments)		The number of attachments. If no attachments the only allowed value is "0" (the number zero).

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GlobalBusinessActionCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity)	The Action Code corresponding to the action to which this message is in reply. See Appendix D GlobalBusinessActionCode Values for RosettaNet standard values. PIDX may define custom code values for this data element representing PIDX specific transactions. Note: This data element is populated only if the message exchange requires the transaction initiator to refer to
	another, separate transaction.

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Service Header Data Element	Decision Made	PIDX Implementation
http://www.utoronto.ca/webdocs/HTMLdocs/Book/Book- 3ed/appb/mimetype.html#multFreeFormText (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity, messageStandard)		"PIDX" The standard with which the Service Content MUST be compliant. MUST be set if and only if this is a non-RosettaNet- specified Service Content Message.
VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity, standardVersion)		"1.0" The version of the standard with which the Service Content MUST be compliant. MUST be set if and only if this is a non-RosettaNet-specific Service Content Message.
GlobalBusinessSignalCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, SignalIdentity)		Not used for business Action messages.
VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, SignalIdentity)		Not used for business Action messages.
GlobalPartnerRoleClassificationCode (Under ProcessControl, ActivityControl, MessageControl, toRole)		This data element is populated with the role the sending or receiving party plays given the specific action they are carrying out in the business message. See Appendix B GlobalPartnerRoleClassificationCode Values for RosettaNet standard values. Note: This data element is used for
		application level process automation – therefore PIDX can define additional values.

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GlobalBusinessServiceCode (Under ProcessControl, ActivityControl, MessageControl, toService)	This data element is populated with a code defining the type of business service fulfilled by the sending or receiving party given the specific action carried out in the business message.
	See Appendix C GlobalBusinesServiceCode Values for RosettaNet standard values.
	Note: This data element is used for application level process automation – therefore PIDX can define additional values here or in its PIP descriptions.
GlobalUsageCode (Under ProcessControl)	"Test"
("Production"

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Service Header Data Element	Decision Made	PIDX Implementation
ProprietaryReferenceIdentifier (Under ProcessControl, partnerDefinedPIPPayloadBindingId)		This data element is used to identify a proprietary binding ID that permits the RosettaNet based parts of a multipart message to bind to non-RosettaNet parts. This element is populated to cover where the trading partners wish to exchange messages based on proprietary document formats (non-RosettaNet Schema) using a RosettaNet PIP. PIDX requirements support the use of the RNIF Framework but will not use existing RosettaNet PIPs. Given that this is the case, Trading Partners will typically not populate this data element.
GlobalProcessIndicatorCode (Under ProcessControl, pipCode)		This data element is populated with an alphanumeric code assigned to the transaction implemented by PIDX. PIDX has defined additional valid values here based on PIDX transactions. The PIDX codes are: FieldTicket "P11" FieldTicketResponse "P12" Invoice "P21" InvoiceResponse "P32" OrderChange "P32" OrderCreate "P31" OrderResponse "P33" Quote "P42" QuoteNotification "P43" QuoteRequest "P41" RequestRequisitionReturn "P51" See Appendix A PIDX XML Schema to PIDX "PIP" Number for PIDX standard values.
InstanceIdentifier (Under ProcessControl, pipInstanceID)		A unique alphanumeric identifier for the initiating partner.
VersionIdentifier (Under ProcessControl, pipVersion)		This data element is populated with the version number assigned to the transaction implemented by PIDX.
QualityofServiceSpecification (Under ProcessControl)		This structure not used by RNIF 2.0. The optional structure may be omitted. Receiver must ignore if sent.

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QualityofServiceSpecificationCode (Under ProcessControl, QualityOfServiceSpecifiction, QualityOfServiceElement)	This element is not used by RNIF 2.0. Receiver must ignore if sent.
Value (Under ProcessControl, QualityOfServiceSpecifiction,	This element is not used by RNIF 2.0. Receiver must ignore if sent.

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Service Header Data Element	Decision Made	PIDX Implementation
QualityOfServiceElement)		
FreeFormText (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification)		Nine digit DUNS number for known partner
Value (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification, locationID)		Location of known partner
FreeFormText (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification, domain)		"DUNS" PIDX will not use an unknown initiating partner.
GlobalBusinessIdentifier (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification)		Nine digit DUNS number for unknown partner. PIDX will not use an unknown initiating partner.
Value (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification, locationID)		Location of unknown partner. PIDX will not use an unknown initiating partner.
UniformResourceLocator (Under ProcessControl, UnknownInitiatingPartner)		URL of unknown Partner. PIDX will not use an unknown initiating partner.

4.11 Header Decisions for Signal Response Receipt Acknowledgement (Positive Response)

The Receipt Acknowledgment Signal uses the standard RNIF 2.0 Preamble, Delivery, and Service Headers and a special Receipt Acknowledgment Service Content. The contents of the Preamble, Delivery, Service Headers and Receipt Acknowledgment Service Content are presented below.

The trading partners must agree on the contents for each element for each header and the service content.

4.11.1 Preamble Header for Receipt Acknowledgement

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Preamble Header Data Element for Receipt Acknowledgment	Decision Made	PIDX Standard
GlobalAdministeringAuthorityCode		"RosettaNet"
VersionIdentifier		"V02.00"

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4.11.2 Delivery Header for Receipt Acknowledgement

Deliverv Header Data Element for Receipt Acknowledgment	Decision Made	PIDX Standard
AffirmationIndicator		"Yes" - The next hub must transmit this message securely
		"No" - The next hub does not need to transmit this message securely
DateTimeStamp		The date and time of the message. The timestamp must be as close to the time of the first attempt as possible.
		The RNIF 2.0 format is CCYYMMDDTHHMMSS.000Z. This is not the standard XMLSchema dateType datatype.
FreeFormText (under messageReceiverIdentification, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (under messageReceiverIdentification, PartnerIdentification)		The nine digit DUNS number for receiver
Value (under messageReceiverIdentification, LocationID, value)		Location of receiver
FreeFormText (under messageSenderIdentification, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (under messageSenderIdentification, PartnerIdentification)		The nine digit DUNS number for sender
Value (under messageSenderIdentification, LocationID, value)		Location of sender

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InstanceIdentifier (under messageTrackingID	A unique alphanume represents a specific business process, business action, or b instance identifier mu particular instance of process, business traaction and business significant MUST be unique with message sender.	instance of a siness transaction, usiness signal. The list be unique for a a business ansaction, business signal. The value
	The InstanceIdentifie acknowledged messa Receipt Acknowledge	age is used for the

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4.11.3 Service Header for Receipt Acknowledgement

Service Header Data Element for Receipt Acknowledgment	Decision Made	PIDX Standard
BusinessActivityIdentifier (under ActivityControl)		Use the BusinessActivityIdentifier from the acknowledged message.
GlobalPartnerRoleClassificationCode (Under ProcessControl, ActivityControl, MessageControl, fromRole)		For signal messages, the value in the fromRole must be the same as the value in the toRole in the action message to which this message is replying.
GlobalBusinessServiceCode (Under ProcessControl, ActivityControl, MessageControl, fromService)		For signal messages, the value in the fromService must be the same as the value in the toService in the action message to which this message is replying
InReplyTo (Structure) (Under ProcessControl, ActivityControl, MessageControl)		This structure must be present if not the first action message in an activity.
,		PIDX transactions are generally a single transmission and this structure will not be used except for signals.
		This structure must be present for all signals.
GlobalBusinessActionCode (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl,		The Action Code corresponding to the action to which this message is in reply.
ActionIdentity)		See Appendix D GlobalBusinessActionCode Values for RosettaNet standard values.
FreeFormText (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, ActionIdentity. messageStandard)		"PIDX XML Standards Group"
VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, ActionIdentity. astandardVersion)		"1.0"
InstanceIdentifier (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, messageTrackingID)		Identifies the instance ID of the action to which this message is a reply. The value MUST come from the Message Tracking ID (InstanceIdentifier under messageTrackingID) in the Delivery header of the original received message.

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FreeFormText (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment, description)	"0" No attachments allowed on a Signal.
GlobalMimeTypeQualifierCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment)	Not used on a signal.
UniversalResourceldentifier	Not used on a signal.

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Service Header Data Element for Receipt Acknowledgment	Decision Made	PIDX Standard
(Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment)		
CountableAmount (Under ProcessControl, ActivityControl, MessageControl, Manifest, numberOfAttachments)		"0"
GlobalBusinessActionCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity)		The Action Code corresponding to the action to which this message is in reply. See Appendix D GlobalBusinessActionCode Values for RosettaNet standard values.
VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity, standardVersion)		"1.0"
GlobalBusinessSignalCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, SignalIdentity)		"Receipt Acknowledgement"
VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, SignalIdentity)		"V02.00" This is the Signal Version identifier from the AcknowledgementOfReceipt Message Guidelines.
GlobalPartnerRoleClassificationCode (Under ProcessControl, ActivityControl, MessageControl, toRole)		For signal messages, the value in the toRole must be the same as the value in the fromRole in the action message to which this message is replying.
GlobalBusinessServiceCode (Under ProcessControl, ActivityControl, MessageControl, toService)		For signal messages, the value in the toService must be the same as the value in the fromService in the action message to which this message is replying
GlobalUsageCode (Under ProcessControl)		"Test" "Production"
ProprietaryReferenceIdentifier (Under ProcessControl, partnerDefinedPIPPayloadBindingId)		Not used for Signal messages.
GlobalProcessIndicatorCode (Under ProcessControl, pipCode)	Page 49 of 929	Use the GlobalProcessIndicaor code from the Service message of the acknowledged message.

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Use the InstanceIdentifier from the acknowledged message.
"1.0"

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Service Header Data Element for Receipt Acknowledgment	Decision Made	PIDX Standard
QualityofServiceSpecification (Under ProcessControl)		Not used
QualityofServiceSpecificationCode (Under ProcessControl, QualityOfServiceSpecifiction, QualityOfServiceElement)		Not used
Value (Under ProcessControl, QualityOfServiceSpecifiction, QualityOfServiceElement)		Not used
FreeFormText (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification)		Nine digit DUNS number for known partner
Value (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification, locationID)		Location of known partner
FreeFormText (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification, domain)		Not used
GlobalBusinessIdentifier (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification)		Not used
Value (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification, locationID)		Not used
UniformResourceLocator (Under ProcessControl, UnknownInitiatingPartner)		Not used

4.11.4 Service Content for Receipt Acknowledgement

Service Content Data Element for Receipt Acknowledgment	Decision Made	PIDX Standard
Tor Neceipt Acknowledgillent		

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OriginalMessageDigest (under NonRepudiationInformation) The base-64 encoded digest of the ent original MIME message received. The digest must be generated using the same algorithm as the original signed message.	al MIME message received. The must be generated using the algorithm as the original signed
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4.12 Header Decisions for Signal Response Exception (Negative Response)

The Exception Signal uses the standard RNIF 2.0 Preamble, Delivery, and Service Headers and a special Exception Service Content. The contents of the Preamble, Delivery, Service Headers and Exception Service Content are presented below.

The trading partners must agree on the contents for each element for each header and the service content.

4.12.1 Preamble Header for Exception

Preamble Header Data Element for Exception	Decision Made	PIDX Standard
GlobalAdministeringAuthorityCode		"RosettaNet"
VersionIdentifier		"V02.00"

4.12.2 Delivery Header for Exception

Deliverv Header Data Element for Exception	Decision Made	PIDX Standard
AffirmationIndicator		"Yes" - The next hub must transmit this message securely
		"No" - The next hub does not need to transmit this message securely
DateTimeStamp		The date and time of the message. The timestamp must be as close to the time of the first attempt as possible.
		The RNIF 2.0 format is CCYYMMDDTHHMMSS.000Z. This is not the standard XMLSchema dateType datatype.
FreeFormText (under messageReceiverIdentification, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (under messageReceiverIdentification, PartnerIdentification)		The nine digit DUNS number for receiver
Value (under messageReceiverIdentification, LocationID, value)		Location of receiver

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FreeFormText (under messageSenderIdentification, PartnerIdentification, domain)	"DUNS"
GlobalBusinessIdentifier (under messageSenderIdentification, PartnerIdentification)	The nine digit DUNS number for sender
Value (under messageSenderIdentification, LocationID, value)	Location of sender

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Delivery Header Data Element for Exception	Decision Made	PIDX Standard
InstanceIdentifier (under messageTrackingID)		A unique alphanumeric identifier that represents a specific instance of a business process, business transaction, business action, or business signal. The instance identifier must be unique for a particular instance of a business process, business transaction, business action and business signal. The value MUST be unique within the context of the message sender. The InstanceIdentifier from the acknowledged message is used for the Exception Signal.

4.12.3 Service Header for Exception

Service Header Data Element for Exception	Decision Made	PIDX Standard
BusinessActivityIdentifier (under ActivityControl)		Use the BusinessActivityIdentifier from the acknowledged message.
GlobalPartnerRoleClassificationCode (Under ProcessControl, ActivityControl, MessageControl, fromRole)		For signal messages, the value in the fromRole must be the same as the value in the toRole in the action message to which this message is replying.
GlobalBusinessServiceCode (Under ProcessControl, ActivityControl, MessageControl, fromService)		For signal messages, the value in the fromService must be the same as the value in the toService in the action message to which this message is replying
InReplyTo (Structure) (Under ProcessControl, ActivityControl, MessageControl)		This structure must be present if not the first action message in an activity. PIDX transactions are generally a single transmission and this structure will not be used except for signals. This structure must be present for all signals.
GlobalBusinessActionCode (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, ActionIdentity)		The Action Code corresponding to the action to which this message is in reply. See Appendix D GlobalBusinessActionCode Values for RosettaNet standard values.

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Service Header Data Element for Exception	Decision Made	PIDX Standard
ActionIdentity. astandardVersion)		
InstanceIdentifier (Under ProcessControl, ActivityControl, MessageControl, inReplyTo, ActionControl, messageTrackingID)		Identifies the instance ID of the action to which this message is a reply. The value MUST come from the Message Tracking ID (InstanceIdentifier under messageTrackingID) in the Delivery header of the original received message.
FreeFormText (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment, description)		"0" No attachments allowed on a Signal.
GlobalMimeTypeQualifierCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment)		Not used on a Signal.
UniversalResourceIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, Attachment)		Not used on a Signal.
CountableAmount (Under ProcessControl, ActivityControl, MessageControl, Manifest, numberOfAttachments)		"0"
GlobalBusinessActionCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity)		The Action Code corresponding to the action to which this message is in reply. See Appendix D GlobalBusinessActionCode Values for RosettaNet standard values.
FreeFormText (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity, messageStandard)		"PIDX"
VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, ActionIdentity, standardVersion)		"1.0"
GlobalBusinessSignalCode (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, SignalIdentity)		"Exception"

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VersionIdentifier (Under ProcessControl, ActivityControl, MessageControl, Manifest, ServiceContentControl, SignalIdentity)	"V02.00" This is the Signal Version Identifier from the Exception Message Guidelines.
GlobalPartnerRoleClassificationCode (Under ProcessControl, ActivityControl, MessageControl, toRole)	For signal messages, the value in the toRole must be the same as the value in the fromRole in the action message to which this message is replying.

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Service Header Data Element for Exception	Decision Made	PIDX Standard
GlobalBusinessServiceCode (Under ProcessControl, ActivityControl, MessageControl, toService)		For signal messages, the value in the toService must be the same as the value in the fromService in the action message to which this message is replying
GlobalUsageCode (Under ProcessControl)		"Test" "Production"
ProprietaryReferenceIdentifier (Under ProcessControl, partnerDefinedPIPPayloadBindingId)		Not used for Signal messages.
GlobalProcessIndicatorCode (Under ProcessControl, pipCode)		Use the GlobalProcessIndicator code from the Service message of the acknowledged message.
InstanceIdentifier (Under ProcessControl, pipInstanceID)		Use the InstanceIdentifier from the acknowledged message.
VersionIdentifier (Under ProcessControl, pipVersion)		"1.0"
QualityofServiceSpecification (Under ProcessControl)		Not used
QualityofServiceSpecificationCode (Under ProcessControl, QualityOfServiceSpecifiction, QualityOfServiceElement)		Not used
Value (Under ProcessControl, QualityOfServiceSpecifiction, QualityOfServiceElement)		Not used
FreeFormText (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification, domain)		"DUNS"
GlobalBusinessIdentifier (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification)		Nine digit DUNS number for known partner

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Value (Under ProcessControl, KnownInitiatingPartner, PartnerIdentification, locationID)	Location of known partner
FreeFormText (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification, domain)	Not used

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Service Header Data Element for Exception	Decision Made	PIDX Standard
GlobalBusinessIdentifier (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification)		Not used
Value (Under ProcessControl, UnknownInitiatingPartner, PartnerIdentification, locationID)		Not used
UniformResourceLocator (Under ProcessControl, UnknownInitiatingPartner)		Not used

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4.12.4 Service Content for Exception

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ClabalManager		ILIND MESO CLONEDDI E
GlobalMessageExceptionCode (under ExceptionDescription, errorClassification)		"UNP.MESG.SIGNERR" Error during unpackaging – Verifying the signature of the RosettaNet Business Message
		"UNP.PRMB.READERR" Error during unpackaging – Reading the Preamble
		"UNP.PRMB.VALERR" Error during unpackaging – Validating the Preamble
		"UNP.DHDR.READERR" Error during unpackaging – Reading the Delivery Header
		"UNP.DHDR.VALERR" Error during unpackaging – Validating the Delivery Header
		"UNP.SHDR.READERR" Error during unpackaging – Reading the Service Header
		"UNP.SHDR.VALERR" Error during unpackaging – Validating the Service Header
		"UNP.SHDR.MNFSTERR" Error during unpackaging – Verifying Manifest against the actual attachment body parts
		"UNP.MESG.SEQERR" Error during unpackaging – Validating the message sequence
		"UNP.MESG.RESPTYPERR" Unexpected Response type in the HTTP header
		"UNP.MESG.DCRYPTERR" Error Decrypting the message "UNP.SCON.READERR" Error during unpackaging – Reading the Service Content
		"UNP.SCON.VALERR" Error during unpackaging – Validating the Service Content
		"PKG.MESG.GENERR" Error during packaging – General error
		"PRF.ACTN.GENERR" Error during action performance – General Error
	Page 62 of 828	"PRF.DICT.VALERR" Error during action performance – Validating the Service Content against a PIP-specified dictionary
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Service Content Data Element	Decision Made	PIDX Standard
		"UNP.MESG.GENERR" Error during unpackaging – General error
FreeFormText (under ExceptionDescription, errorDescription)		
GlobalMessageComponentCode		Where error was detected:
(under ExceptionDescription, offendingMessageComponent)		"UNP.MESG.GENERR" Error during unpackaging – General error
		"DeliveryHeader"
		"ServiceHeader"
		"ServiceContent"
		"Attachment"
GlobalExceptionTypeCode		"General Exception"
		"Receipt Acknowledgement Exception"

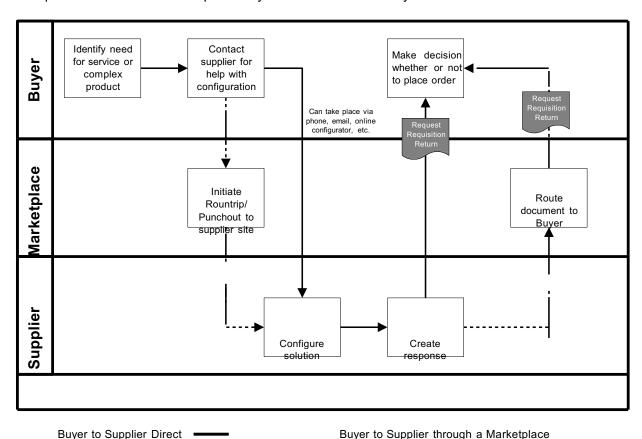
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5.0 Request Requisition Return

5.1 Business Process Diagram

Below is the Business Process Diagram for the Request Requisition Return transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



B2B Model - A Buyer or buying organization either navigates to a web-enabled configurator on the Seller's web site or contacts the Seller directly to provide information about the service. The Seller uses the information provided by the Buyer to configure a solution and respond to the Buyer via the Request Requisition Return document.

Marketplace Model - A Buyer or buying organization uses a Marketplace to open up a roundtrip or punchout session to the Seller's configurator on the Seller's web site to provide

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information about the service. The Seller uses the information provided by the Buyer to configure a solution and respond to the Marketplace through the roundtrip or punchout session. The Marketplace then routes on the Request Requisition Return document to the Buyer.

The Request Requisition Return document is used when a response from a Seller's configurator is necessary prior to the creation of a Quote. This document is sometimes known as a "Shopping Cart".

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5.2 Legend to Tables

The following tables detail the elements and attributes that make up the Request Requisition Return. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone A collection of elements detailing information about a telephone number. note OrderCreateProperties 4 level **OrderCreateDetails** children Use Max Туре 7 string PhoneNumber M 1 A numerical sequence to reach a telephone attached to a communication network. **PhoneNumberExtension** string O 1 An extension number that is needed to further identify the phone number. **TelecomCountryCode** string 0 1 The dialing code from another country to access the telephone network in another country. **TelecomAreaCode** string 0 1 The area code within a country or jurisdiction, if needed, to access local telephones within the country. parent(s) ContactIn9ormation attributes Name Use Fixed (10) o telephoneIndicator A code to indicate the type of phone number being given. Fax Mobile Pager Voice Other Legend The name of the element. 2 The definition of the element. 3 Contains any business rules or comments about the element 4 Identifies whether or not the element is under the Property, Detail, or Summary level of the document Contains the name of the child elements and their definitions. Those elements in blue are links to the element 5 specification. Only those elements that contain children or attributes are hyperlinked. 6 Indicates the data type of the element. 7 Indicates whether the element is mandatory (M) or optional (O). 8 Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)

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Indicates the parent element of the element.

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10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

5.3 Document Detail

RequestRequisitionReturn

The root element of the Request Requisition Return message. It is used to return information from a configurator to the buyer.

note				
children	Name	Type	Use	Ma
	<u>RequestRequisitionReturnProperties</u>		M	1
	A collection of elements defining the request requisition return "meta-data" or "common data".			
	RequestRequisitionReturnDetails		M	1
	A collection of elements defining the details of the Request Requisition Return message.			
	RequestRequisitionReturnSummary		M	1
	A collection of elements detailing the totals of the request requisition return.			
attributes	Name	Туре	Use	Fixed
	transactionPurposeIndicator	string	M	
	A code indicating the purpose of the transaction.			
	Add			
	Cancellation	ange		
	Confirmation	elete		
	Duplicate	ginal		
	Replace	uest		
	Other			
	version	decimal	M	1.0
	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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RequestRequisitionReturnProperties

A collection of elements defining the request requisition return "meta-data" or "common data".

note				
children	Name	Туре	Use	Max
	RequestRequisitionReturnNumber	string	М	1
	A unique identifier for a Request Requisition Return message.			
	RequestRequisitionReturnDate	date	M	1
	The date upon which a request requisition return was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	QuoteRequestInformation		0	1
	A collection of elements containing relevant quote request information which needs to be referenced within other documentation and/or messages.			
	<u>PartnerInformation</u>		М	U
	A collection of elements detailing partner information.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
	LanguageCode	string	0	1
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	<u>ServiceDateTime</u>	datetime	0	U
	The actual and/or schedule dates for a service.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	RequestRequisitionReturn			

RequestRequisitionReturnDetails

A collection of elements defining the details of the Request Requisition Return message.

note				
children	Name	Туре	Use	Max
	RequestRequisitionReturnLineItem		M	U
	A collection of elements defining the details of the line items making up the request requisition return.			

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parent(s)

RequestRequisitionReturn

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RequestRequisitionReturnLineItem

A collection of elements defining the details of the line items making up the request requisition return.

note				
children	Name	Type	Use	Ma
	LineItemNumber	string	М	1
	A sequential individual line identifier within a document containing service or item information.			
	<u>LineItemInformation</u>		M	1
	A collection of elements detailing identifying information about a line item.			
	RequestRequisitionReturnQuantity		M	1
	The number of units of an item or service recommended.			
	Pricing		0	1
	A collection of elements detailing price information.			
	CommodityCode	string	0	ι
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	ι
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	<u>Tax</u>		0	ı
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	•
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	•
	The net total monetary amount for the line item.			
	<u>ServiceDateTime</u>	datetime	0	Į
	The actual and/or schedule dates for a service.			
	ReferenceInformation		0	ι
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	Attachment		0	Į
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	•
	A free-form textual structure for general information or comments.			
	RequestRequisitionReturnSubLineItem		0	ι
	A collection of elements defining the details of the sub line items of a request requisition return. It is used if a line item needs to be broken down into further detail.			
parent(s)	RequestRequisitionReturnDetails			

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RequestRequisitionReturnSubLineItem

A collection of elements defining the details of the sub line items of a request requisition return. It is used if a line item needs to be broken down into further detail.

note				
children	Name	Type	Use	Max
	SubLineItemNumber	string	М	1
	The sub-line item number relating to the primary line item referenced in the message.			
	<u>LineItemInformation</u>		M	1
	A collection of elements detailing identifying information about a line item.			
	RequestRequisitionReturnQuantity		М	1
	The number of units of an item or service recommended.			
	Pricing		0	1
	A collection of elements detailing price information.			
	CommodityCode	string	0	U
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	U
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	<u>Tax</u>		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	1
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	1
	The net total monetary amount for the line item.			
	<u>ServiceDateTime</u>	datetime	0	U
	The actual and/or schedule dates for a service.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	RequestRequisitionReturnLineItem			

RequestRequisitionReturnSummary

A collection of elements detailing the totals of the request requisition return.

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note				ı
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children	Name	Туре	Use	Max
	<u>RequestRequisitionReturnTotal</u>		M	1
	The total monetary amount of the Request Requisition Return.			
	TotalLineItems	integer	M	1
	The total number of line items contained in a message.			
	<u>ShippingAmount</u>		0	1
	The monetary amount of shipping or freight charges.			
	<u>Tax</u>		0	U

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	Acollection of elements detailing ini:Inna1ion abouttu:applied to a11'3nsaction.		
	SubTotal Amrunt	0	u
	The monetaryamount of 1 he subwtal. t is qualified by the subTotalIndicawr anribute which identifies what the subtotalis re rencing.		
parent(s)	ReguestReguisitionReturn		





AddressInformation

A collection of elements defining the details of an address

note				
level	RequestRequisitionReturnProperties			
	<u>RequestRequisitionReturnDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
arent(s)	<u>JobLocationInformation</u>			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note	
level	RequestRequisitionReturnProperties
	RequestRequisitionReturnDetails
parent(s)	<u>ContactInformation</u>

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attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			

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	Station Cod
1	elemai
Į	iTelex
	rwx
	Other

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Attachment

A collection of elements defining the details of an attachment to the document.

note				
level	RequestRequisitionReturnProperties			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Ма
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	RequestRequisitionReturnLineItem			
	RequestRequisitionReturnProperties			
	RequestRequisitionReturnSubLineItem			

Block

A collection of elements defining the details of a block, which identifies a location.

	,			
note				
level	<u>RequestRequisitionReturnProperties</u>			
	<u>RequestRequisitionReturnDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	GeographicalInformation			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note

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level	RequestRequisitionReturnDetails			
parent(s)	RequestRequisitionReturnLineItem			
	RequestRequisitionReturnSubLineItem			
attributes	Name	Туре	Use	Fixed
	agencyIndicator	string	0	
	A code indicating what agency or organization is responsible for defining the			

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commodity code list.		
commodity code list.		



ContactIdentifier

The identifier of the contact person or department.

note					
level	RequestRequisitionReturnProperties				
	<u>RequestRequisitionReturnDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID)		
	Other				

ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at either the Property or Deta	il level, but r	not both.	
level	<u>RequestRequisitionReturnProperties</u>			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	ContactIdentifier	string	0	1
	The identifier of the contact person or department.			
	ContactName	string	0	1
	The name of the contact person within the organization.			
	ContactDescription	string	0	1
	A free-form textual description of the contact.			
	<u>Telephone</u>		0	U
	A collection of elements detailing information about a telephone number.			
	EmailAddress	string	0	1
	The address assigned to a person or organization to receive electronic messages.			
	<u>AlternativeCommunicationMethod</u>	string	0	U
	Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.			
parent(s)	<u>PartnerInformation</u>			

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contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer QuoteRequestor	attributes	Name	Туре	Use	Fixed
BuyerDepartment DeliveryContact DesignEngineer Engineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		contactInformationIndicator	string	М	
DesignEngineer Engineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		A code indicating the function of the contact.			
EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		BuyerDepartment	DeliveryContact		
FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		DesignEngineer	Engineer		
OfficeRepresentative OrderContact PurchasingAgent		EnteredBy			
OrderContact PurchasingAgent		FieldRepresentative			
		OfficeRepresentative			
QuotePreparer QuoteRequestor		OrderContact	PurchasingAgent		
		QuotePreparer	QuoteRequestor		

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_	-salesRe_ <u>re</u> :senta1i\E:
	-SerlliceCoordinator
	iTechnica!MarketingReresentati\E: Other

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EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	RequestRequisitionReturnProperties			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	FromDate	date	М	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	RequestRequisitionReturnProperties			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Ma
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note

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level	<u>RequestRequisitionReturnProperties</u>			
	<u>RequestRequisitionReturnDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	М	1
	The specified latitude of a location.			
	Longitude	string	М	1

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If11llementation Guideline PetroleumIndustiY Data eXchange (PID)()

The specified longitude of a location.

parent(s)

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JobLocationIdentifier

A unique identifier referencing the job location.

note					
level	<u>RequestRequisitionReturnProperties</u>				
	<u>RequestRequisitionReturnDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing.				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>RequestRequisitionReturnProperties</u>
	RequestRequisitionReturnDetails

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Name		Type	Use	Max
<u>JobLocationIdentifier</u>		string	0	U
A unique identifier referencing the job location.				
JobLocationClassCode		string	0 0	1
A code indicating the class of the job location.				
FederalWaters	Land			
InlandWaters	StateWaters			
Other				
JobLocationDescription		string	0 0	1
A free-form textual description of the job location.				
JobLocationStatus		string		1
A code indicating whether a location is active or inactive.				
Inactive	Active		0 0	
Other				
WellInformation			0	1
A collection of elements detailing information about a well.				
JobSiteCategory		string	0	1
A code indicating the kind of site on which the job is located.				
Boiler	CivilHighways			
Compression	Condenser			
ConstructPiles	Dams			
HeatExchanger				
IndustrialServiceMiscellaneous	Piping			
Production	TowerVessel			
Turbine	UndergroundStr			
Other				
<u>AddressInformation</u>			0	1
A collection of elements defining the details of an address.				
<u>GeographicalInformation</u>			0	1
A collection of elements defining a geographical location.				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

RequestRequisitionReturnDetails				
LineItemInformation				
Name		Туре	Use	Fixed
identifierIndicator		string	M	
A code to indicate the origin of the identifier.				
AssignedByBuyer				
AssignedByManufacturer				
AssignedBySeller				
CatalogueNumber	UPCNumber			
Other				
	RequestRequisitionReturnDetails LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber	RequestRequisitionReturnDetails LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	RequestRequisitionReturnDetails LineItemInformation Name Type identifierIndicator string A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	RequestRequisitionReturnDetails LineItemInformation Name Type Use identifierIndicator string M A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	RequestRequisitionReturnLineItem			
	<u>RequestRequisitionReturnSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	•			
note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	RequestRequisitionReturnLineItem
	RequestRequisitionReturnSubLineItem

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MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

		_		
note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	M	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	M	1
	The largest measurement in a given range.			
parent(s)	<u>PriceBasis</u>			

PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note				
level	RequestRequisitionReturnProperties			
	<u>RequestRequisitionReturnDetails</u>			
parent(s)	<u>PartnerInformation</u>			
attributes	Name	Туре	Use	Fixed
	partnerldentifierIndicator	string	M	
	A code to identify the origin of the Partner Identifier.			
	AssignedByBuyer			
	AssignedBySeller DUNS	Number		
	DUNS+4Number	Other		

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PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>RequestRequisitionReturnProperties</u>			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	RequestRequisitionReturnLineItem			
	RequestRequisitionReturnProperties			
	RequestRequisitionReturnSubLineItem			
	<u>TransportInformation</u>			







attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	MaterialIssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse	_		
	Other	_		
1				

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PostalCountry

The country code indicating the country to which mail should be delivered.

note				
level	<u>RequestRequisitionReturnProperties</u>			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	Measurement	decimal	0	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	Pricing			

Pricing

A collection of elements detailing price information.

note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	<u>UnitPrice</u>		М	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	RequestRequisitionReturnLineItem			
	RequestRequisitionReturnSubLineItem			

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QuoteRequestInformation

A collection of elements containing relevant quote request information which needs to be referenced within other documentation and/or messages.

note				
level	RequestRequisitionReturnProperties			
children	Name	Туре	Use	Max
	QuoteRequestNumber	string	M	1
	A unique identifier for a Quote Request message.			
	QuoteRequestDate	string	M	1
	The date upon which a request was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version			
parent(s)	RequestRequisitionReturnProperties			

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ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, bu	ut not both	
level	<u>RequestRequisitionReturnProperties</u>			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	ReferenceNumber	string	М	1
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	RequestRequisitionReturnLineItem			
	RequestRequisitionReturnProperties			
	RequestRequisitionReturnSubLineItem			





referenceInformationIndicator A code to identify what type of information is being referenced. AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber RequestForQuotationNumber TemplateNumber Other					
AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber ContractNumber CostAllocationReference CostCenter CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber			string	M	
BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber TemplateNumber	A code to identify what type of information is being referenced.				
CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber	AFENumber	BatchNumber			
ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber	BillOfLading	Certification			
ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber	CertifiedInspectionTestResults				
CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber ProposalNumber RequestForQuotationNumber TemplateNumber	ConfigurationNumber				
CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	ContractNumber				
CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	CostAllocationReference	CostCenter			
DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	CustomerAccountingReference				
DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	CustomerReferenceNumber				
EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	DeliveryTicketNumber				
LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	DivisionIdentifier				
LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	EngineeringChangeOrderNumber	JobNumber			
MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	LetterOfCreditNumber				
OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	LocationNumber				
OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	MaterialSafetyDataSheet				
PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber	OperatorGeneralLedgerCode				
ProposalNumber RequestForQuotationNumber TemplateNumber	OriginalInvoiceNumber				
RequestForQuotationNumber TemplateNumber	PriceAreaNumber	ProjectNumber			
TemplateNumber	ProposalNumber	QuoteNumber			
	RequestForQuotationNumber				
Other	TemplateNumber				
	Other				

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RequestRequisitionReturnQuantity

The number of units of an item or service recommended.

note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	Quantity	decimal	М	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
parent(s)	RequestRequisitionReturnLineItem			
	RequestRequisitionReturnSubLineItem			

RequestRequisitionReturnTotal

The total monetary amount of the Request Requisition Return.

note				
level	RequestRequisitionReturnSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	RequestRequisitionReturnSummary			

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ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the y "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represe respectively.				
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss field Leading zeroes must be used if the field would otherwise have too few digits.	ds exactly tv	vo digits e	ach.	
	If no time is to be given then use zeroes in the hh, mm and ss fields.				
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.				
level	RequestRequisitionReturnProperties				
	RequestRequisitionReturnDetails				
parent(s)	RequestRequisitionReturnLineItem				
	<u>RequestRequisitionReturnProperties</u>				
	<u>RequestRequisitionReturnSubLineItem</u>				
attributes	Name	Туре	Use	Fixed	
	dateTypeIndicator	string	M		
	A code to identify which date being given.				
	ArriveLocationDate InvoiceDueDate	е			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart ShipDat	е			
	Other				

ShippingAmount

The monetary amount of shipping or freight charges.

note	
level	RequestRequisitionReturnDetails
	<u>RequestRequisitionReturnSummary</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	RequestRequisitionReturnLineItem			
	<u>RequestRequisitionReturnSubLineItem</u>			
	RequestRequisitionReturnSummary			

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SubTotalAmount

The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.

note				
level	RequestRequisitionReturnSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	RequestRequisitionReturnSummary			
attributes	Name	Туре	Use	Fixed
	subTotalIndicator	string	M	
	A code to indicate the type of subtotal being given.			
	Equipment	oor		
	Materials Oth	ner		

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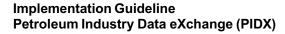


Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	RequestRequisitionReturnDetails
	RequestRequisitionReturnSummary







	Name	Type	Use	Max
	TaxTypeCode	string	M	1
	A code indicating the kind of tax being applied.			
	CitySalesTax			
	CountyParishSalesTax County	уТах		
	FederalExciseTax			
	GoodsAndServicesTax			
	GrossReceiptsTax Local	alTax		
	MetropolitanTransitTax			
	StateAndLocalSalesTax			
	StateProvincialTax StateSale:	sTax		
	ValueAddedTax WellService	еТах		
	Other			
	MixedRateIndicator	string	0	1
	A mixed rate VAT tax indicator. This is used for European tax purposes.			
	TaxldentifierNumber	string	0	1
	A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.			
	TaxExemptCode	string	Ο	1
	A code identifying exemption status from sales and use tax.			
	DirectPay	empt		
	NonExempt	Other		
	<u>TaxLocation</u>		Ο	1
	The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.	on		
	TaxRate	decimal	Ο	1
	The percentage or monetary amount charged on a transaction.			
	<u>TaxBasisAmount</u>		Ο	1
	The monetary amount which is subject to tax.			
	<u>TaxAmount</u>		0	1
	The monetary amount of the tax.			
	TaxReference	string	0	1

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TaxAmount

The monetary amount of the tax.

note				
level	RequestRequisitionReturnDetails			
	RequestRequisitionReturnSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Tax			

TaxBasisAmount

The monetary amount which is subject to tax.

•	<u>, </u>			
note				
level	RequestRequisitionReturnDetails			
	RequestRequisitionReturnSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	RequestRequisitionReturnProperties
	RequestRequisitionReturnDetails

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	RequestRequisitionReturnDetails			
	RequestRequisitionReturnSummary			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	AddressInformation		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	RequestRequisitionReturnProperties			
	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Ma
	PhoneNumber	string	М	1
	A numerical sequence to reach a telephone attached to a communication network	rk.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixe
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax Mo	bile		
	Pager V	oice		
	Other			

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UnitPrice

A collection of elements detailing how product is transported.

noto				
note				
level	RequestRequisitionReturnDetails			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

note					
level	RequestRequisitionReturnProperties				
	<u>RequestRequisitionReturnDetails</u>				
	RequestRequisitionReturnSummary				
parent(s)	WellInformation				
attributes	Name		Туре	Use	Fixed
	wellIdentifierIndicator		string	0	
	A code to indicate the origin of the Well Identifier.				
	Number	CustomerNumber			
	UWINumber				
	Other				

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WellInformation

A collection of elements detailing information about a well.

note	
level	RequestRequisitionReturnProperties
	RequestRequisitionReturnDetails
	RequestRequisitionReturnSummary

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children	Name		Туре	Use	Ma
	<u>WellIdentifier</u>		string	M	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other				
	Culci				
arent(s)	<u>JobLocationInformation</u>				

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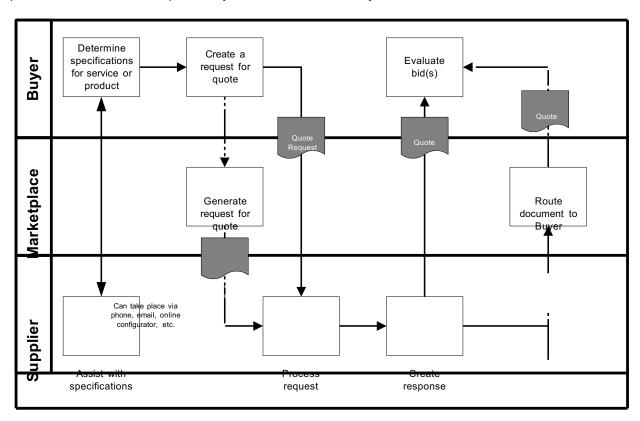




6.0 Quote Request

6.1 Business Process Diagram

Below is the Business Process Diagram for the Quote Request transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



Buyer to Supplier Direct Buyer to Supplier through a Marketplace

B2B Model - A Buyer or buying organization determines the specifications for the service or complex product. This may entail receiving assistance from the Seller via a configurator, telephone call, email, etc. Then the request for quote is created and sent to the Seller. The Seller then generates a quote based upon the request and sends it to the Buyer for evaluation. If any dialogue between the Buyer and Seller about the request or quote is necessary, it will take

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place via email, phone, internet, etc.

Marketplace Model - A Buyer or buying organization determines the specifications for the service or complex product. This may entail receiving assistance from the Seller via a configurator, telephone call, email, etc. Then the request for quote is created and sent to the Seller through a Marketplace. The Seller then generates a quote based upon the request and sends it to the Marketplace. The Marketplace then routes the quote to the Buyer for evaluation. If any dialogue between the Buyer and Seller about the request or quote is necessary, it will take place via email, phone, internet, etc.

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Telephone

Implementation Guideline Petroleum Industry Data eXchange (PIDX)



The Quote Request document is used when a price quote from one or many suppliers is necessary prior to creating an order for a service or complex product.

6.2 Legend to Tables

The following tables detail the elements and attributes that make up the Quote Request. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

A collection of elements detailing information about a telephone number. OrderCreat **eProperties** level **OrderCreateDetails** children Use Max Type string **P**honeNumber M 1 A numerical sequence to reach a telephone attached to a communication network. **PhoneNumberExtension** string 0 1 An extension number that is needed to further identify the phone number. **TelecomCountryCode** strina 0 1 The dialing code from another country to access the telephone network in another country. **TelecomAreaCode** string 0 1 The area code within a country or jurisdiction, if needed, to access local telephones within the country. Contactin9ormation parent(s) attributes Use Fixed telephoneIndicator 0 A code to indicate the type of phone number being given. Mobile Pager Voice Other Legend The name of the element. 2 The definition of the element. 3 Contains any business rules or comments about the element 4 Identifies whether or not the element is under the Property, Detail, or Summary level of the document Contains the name of the child elements and their definitions. Those elements in blue are links to the element 5 specification. Only those elements that contain children or attributes are hyperlinked. 6 Indicates the data type of the element.

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7	Indicates whether the element is mandatory (M) or optional (O).
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)
9	Indicates the parent element of the element.
10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).

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13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

6.3 Document Detail

QuoteRequest

The root element of the Quote Request message. It is used to place a request for quote.

children Name QuoteRequestProperties A collection of elements defining the request "meta-data" or "common data". QuoteRequestDetails A collection of elements defining the details of the Quote Request message. QuoteRequestSummary A collection of elements detailing the totals of the request. Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			
A collection of elements defining the request "meta-data" or "common data". QuoteRequestDetails A collection of elements defining the details of the Quote Request message. QuoteRequestSummary A collection of elements detailing the totals of the request. Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Delete Duplicate Origina Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the	Туре	Use	Max
QuoteRequestDetails A collection of elements defining the details of the Quote Request message. QuoteRequestSummary A collection of elements detailing the totals of the request. attributes Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Delete Duplicate Duplicate Origina Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		M	1
A collection of elements defining the details of the Quote Request message. QuoteRequestSummary A collection of elements detailing the totals of the request. attributes Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Duplicate Duplicate Duplicate Other version A fixed number indicating the version of the PIDX XML Standard on which the			
QuoteRequestSummary A collection of elements detailing the totals of the request. attributes Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Duplicate Duplicate Origina Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		M	1
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attributes Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Duplicate Duplicate Other version A fixed number indicating the version of the PIDX XML Standard on which the		M	1
transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Duplicate Duplicate Other version A fixed number indicating the version of the PIDX XML Standard on which the			
A code indicating the purpose of the transaction. Add Cancellation Confirmation Delete Duplicate Origina Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the	Type	Use	Fixed
Add Cancellation Change Confirmation Delete Duplicate Origina Replace Reques Other version A fixed number indicating the version of the PIDX XML Standard on which the	string	M	
Cancellation Confirmation Delete Duplicate Origina Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the			
Confirmation Delete Duplicate Origina Replace Reques Other version A fixed number indicating the version of the PIDX XML Standard on which the			
Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the	е		
Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the	е		
Other version A fixed number indicating the version of the PIDX XML Standard on which the	al		
version A fixed number indicating the version of the PIDX XML Standard on which the	st		
A fixed number indicating the version of the PIDX XML Standard on which the			
	decimal	I M	1.0
parent(s) QuoteRequestDetails			

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QuoteRequestProperties

A collection of e	elements defining the request "meta-data" or "common data".
note	

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children	Name	Туре	Use	Ma
	QuoteRequestNumber	string	M	1
	A unique identifier for a Quote Request message.			
	QuoteRequestDate	date	M	1
	The date upon which a request was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		M	U
A co	A collection of elements detailing partner information.			
	ResultingOrderType		Ο	1
	A code indicating what kind of order will be placed after a bid is awarded.			
	RevisionNumber	string	Ο	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
	RequestQuoteResponse		0	1
	A collection of elements detailing when the quote is due and any instructions necessary.			
	SpecialInvoicePreference	string	0	1
	A code indicating any special invoice requirements.			
	InvoiceNotRequired			
	Other			
	PrimaryCurrency PrimaryCurrency		0	1
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		0	1
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	LanguageCode	string	0	1
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	JobLocationInformation		0	1
	A collection of elements giving details of a job location.			
	ServiceDateTime	datetime	0	ι
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	1
	The country where product originates or is deemed to have originated.			
	CountryOfFinalDestination		0	1
	The country where product is ultimately delivered or is deemed to have been delivered.			
	TransportInformation		0	1
	A collection of elements detailing how product is transported.			
	SpecialInstructions	string	0	ι
	A free-form textual description of special requirements.		-	
	ReferenceInformation		0	ι
	A collection of elements detailing references to information that reside outside of the current transaction message. Page 119 of 828		J	
	Attachment		0	ι
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	A collection of elements defining the details of an wachment to the document.			
	Comment	string	0	1
	A free i:lnn te:.tualstructure i:lrgeneralinfonmnion or comments.			
parent(s)	QuoteReguest			

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QuoteRequestDetails

A collection of elements defining the details of the Quote Request message.

note				
children	Name	Туре	Use	Max
	<u>QuoteRequestLineItem</u>		M	U
	A collection of elements defining the details of the line items making up the request.			
parent(s)	<u>QuoteRequest</u>			

QuoteRequestLineItem

A collection of elements defining the details of the line items making up the request.

note	
1.000	



children	Name	Туре	Use	Ma
	LineItemNumber	string	M	1
	A sequential individual line identifier within a document containing service or item information.			
	<u>LineItemInformation</u>		M	1
	A collection of elements detailing identifying information about a line item.			
	<u>OrderQuantity</u>		М	•
	The number of units of an item or service ordered.			
	<u>CommodityCode</u>		0	ı
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	ı
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	AllowanceOrCharge		0	
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	<u>CountryOfOrigin</u>		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	
	A collection of elements detailing how product is transported.			
	<u>SpecialInstructions</u>	string	0	
	A free-form textual description of special requirements.			
	ReferenceInformation		0	-
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	Attachment		0	
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	
	A free-form textual structure for general information or comments.			



	Q•!MPBMI IPS'S!th!jQ'''!t 'M	0	u
	Acollection of elements defining the details of the sub line items of a quot»l. t is used if a line itemneeds to be broken down into tuther detail.		
parent(s)	QuoteReguestl.ineltem		



QuoteRequestSubLineItem

A collection of elements defining the details of the sub line items of a request. It is used if a line item needs to be broken down into further detail.

note	N.			
children	Name	Туре	Use	Ma
	SubLineItemNumber	string	М	1
	The sub-line item number relating to the primary line item referenced in the message.			
	<u>LineItemInformation</u>		M	1
	A collection of elements detailing identifying information about a line item.			
	OrderQuantity		M	1
	The number of units of an item or service ordered.			
	CommodityCode		Ο	
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		Ο	ι
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		Ο	
	A collection of elements giving details of a job location.			
	<u>AllowanceOrCharge</u>		0	
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ServiceDateTime</u>	datetime	0	ı
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	
	A collection of elements detailing how product is transported.			
	<u>SpecialInstructions</u>	string	0	-
	A free-form textual description of special requirements.			
	ReferenceInformation		0	
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	ı
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	
	A free-form textual structure for general information or comments.			
parent(s)	QuoteRequestLineItem			_

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QuoteRequestSummary

A collection of elements detailing the totals of the request.

note				
children	Name	Туре	Use	Max
	TotalLineItems	string	M	1
	The total number of line items contained in a message.			

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parent(s)

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AddressInformation

A collection of elements defining the details of an address.

note				
level	QuoteRequestProperties			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	Location			
	<u>PartnerInformation</u>			
	TaxLocation			

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PIDX

Implementation Guideline Petroleum Industry Data eXchange (PIDX)

AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>QuoteRequestDetails</u>

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ChargeTotalAmount etary amount for the allowance or ChargeRate nit of the allowance or charge. ChargePercent e or charge expressed as a perce ChargeNumber assigned by a vendor referencing ChargeTypeCode ving the kind of allowance or char engService narge nent charge useFee Charge Charge UnirectBilling	ntage. an allowance, promotion, deal or	nt 	0 0 0	1 1 1 1
ChargeRate nit of the allowance or charge. ChargePercent or charge expressed as a perce ChargeNumber assigned by a vendor referencing ChargeTypeCode ving the kind of allowance or char angService narge nent charge assFee Charge Charge	ntage. an allowance, promotion, deal or ge being described. FuelSurcharg Discour	string string e nt	0	1
nit of the allowance or charge. ChargePercent or charge expressed as a perce ChargeNumber assigned by a vendor referencing ChargeTypeCode ving the kind of allowance or char angService marge ment charge aseFee Charge Charge	an allowance, promotion, deal or ge being described. FuelSurcharg Discour	string string e nt	0	1
ChargePercent or charge expressed as a perce ChargeNumber assigned by a vendor referencing ChargeTypeCode ving the kind of allowance or char angService arge anent charge aseFee Charge Charge	an allowance, promotion, deal or ge being described. FuelSurcharg Discour	string string e nt	0	1
e or charge expressed as a perce ChargeNumber assigned by a vendor referencing ChargeTypeCode ving the kind of allowance or char agService arge anent charge aseFee Charge	an allowance, promotion, deal or ge being described. FuelSurcharg Discour	string string e nt	0	1
ChargeNumber assigned by a vendor referencing ChargeTypeCode ving the kind of allowance or char agService harge here charge charge	an allowance, promotion, deal or ge being described. FuelSurcharg Discour	string e nt		
chargeTypeCode ving the kind of allowance or chargeService marge ment charge diseFee Charge	ge being described. FuelSurcharg Discour	string e nt		
ChargeTypeCode ving the kind of allowance or charge marge ment charge charge charge	ge being described. FuelSurcharg Discour	e nt	O	1
ring the kind of allowance or char ingService marge ment charge iseFee Charge	FuelSurcharg Discour	e nt	0	1
ngService narge nent charge nseFee Charge	FuelSurcharg Discour	nt 		
narge nent harge nseFee Charge	Discour	nt 		
narge nent harge nseFee Charge	Royaltie			
nent :harge iseFee Charge :harge		 s		
nent :harge iseFee Charge :harge		 		
harge iseFee Charge iharge		es		
nseFee Charge harge		es		
Charge harge		s		
harge	PostageCharg			
		е		
DirectBilling				
i Dii ooti Diiii i g				
VendorProvided	Othe	er		
ndlingCode		string	0	1
describes how a particular allowa	nce or charge should be handled.			
aidByCustomer				
ChargeDescription		string	0	1
	d allowance and charge data			
<u>ChargeQuantity</u>			0	1
	is based if it is different from the			
).	PaidByCustomer ChargeDescription escription used to clarify the relate their content. ChargeQuantity	ChargeDescription escription used to clarify the related allowance and charge data their content. ChargeQuantity on which the allowance or charge is based if it is different from the	ChargeDescription string escription used to clarify the related allowance and charge data their content. ChargeQuantity on which the allowance or charge is based if it is different from the	ChargeDescription string O escription used to clarify the related allowance and charge data their content. ChargeQuantity O on which the allowance or charge is based if it is different from the

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attributes	Name	Туре	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>QuoteRequestDetails</u>			
parent(s)	AllowanceOrCharge			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

	·	, ,		
note				
level	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	M	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>AllowanceOrCharge</u>			

AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

note

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level	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies			

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AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note					
level	<u>QuoteRequestProperties</u>				
	<u>QuoteRequestDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			
	StationCode	Telemail			
	Telex	TWX			
	Other				

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>QuoteRequestProperties</u>
	<u>QuoteRequestDetails</u>

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>QuoteRequestLineItem</u>			
	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestSubLineItem</u>			

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Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	QuoteRequestDetails			
parent(s)	<u>QuoteRequestLineItem</u>			
	<u>QuoteRequestSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencylndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note					
level	<u>QuoteRequestProperties</u>				
	QuoteRequestDetails				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

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ContactInformation

A collection of elements defining details of communication for a contact person.

Children	note	It is recommended that ContactInformation be used at either	the Property or Detail	level, but i	not both.	
children Name ContactIdentifier The identifier of the contact person or department. ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type Use contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OrderContact QuotePreparer QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator	level	<u>QuoteRequestProperties</u>				
ContactIdentifier The identifier of the contact person or department. ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress String O The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type ContactInformationIndicator A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OfficeRepresentative OfficeRepresentative OfficeRepresentative SalesRepresentative ServiceCoordinator		<u>QuoteRequestDetails</u>				
The identifier of the contact person or department. ContactName string 0 The name of the contact person within the organization. ContactDescription string 0 A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress string 0 The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod string 0 Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse Name Type Use contactInformationIndicator string M A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OrderContact PurchasingAgent QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator	children	Name		Туре	Use	Max
ContactName string O The name of the contact person within the organization. ContactDescription string O A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress string O The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type Use contactInformationIndicator string M A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer Engineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator		ContactIdentifier		string	0	1
The name of the contact person within the organization. ContactDescription string O A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress string O The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod string O Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type Use contactInformationIndicator string M A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		The identifier of the contact person or department.				
ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type Use contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		ContactName		string	0	1
A free-form textual description of the contact. Telephone A collection of elements detailing information about a telephone number. EmailAddress String O The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod String O Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type ContactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		The name of the contact person within the organization.				
Telephone A collection of elements detailing information about a telephone number. EmailAddress String The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod String O Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type ContactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		ContactDescription		string	0	1
A collection of elements detailing information about a telephone number. EmailAddress string O The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod string O Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type Use contactInformationIndicator string M A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer Engineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator		A free-form textual description of the contact.				
EmailAddress The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		<u>Telephone</u>			0	U
The address assigned to a person or organization to receive electronic messages. AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name Type Use contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		A collection of elements detailing information about a telephor	ne number.			
AlternativeCommunicationMethod Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse Name Type Use contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		EmailAddress		string	0	1
Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		The address assigned to a person or organization to receive e	electronic messages.			
addition to those specifically listed elsewhere in contact or address information. PartnerInformation RequestQuoteResponse attributes Name ContactInformationIndicator A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		<u>AlternativeCommunicationMethod</u>		string	0	U
RequestQuoteResponse attributes Name ContactInformationIndicator A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator						
Name Type Use contactInformationIndicator string M A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer Engineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator	parent(s)	<u>PartnerInformation</u>				
contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		RequestQuoteResponse				
A code indicating the function of the contact. BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator	attributes	Name		Туре	Use	Fixed
BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		contactInformationIndicator		string	M	
DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		A code indicating the function of the contact.				
EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator		BuyerDepartment	DeliveryContact	t		
FieldRepresentative OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		DesignEngineer	Engineer	+		
OfficeRepresentative OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		EnteredBy				
OrderContact QuotePreparer RFQContact SalesRepresentative ServiceCoordinator		FieldRepresentative				
QuotePreparer QuoteRequestor RFQContact SalesRepresentative ServiceCoordinator		OfficeRepresentative				
RFQContact SalesRepresentative ServiceCoordinator		OrderContact	PurchasingAgent	ŧ		
SalesRepresentative ServiceCoordinator		QuotePreparer	QuoteRequestor	ł		
ServiceCoordinator		RFQContact				
		SalesRepresentative				
TechnicalMarketingRepresentative		ServiceCoordinator				
		TechnicalMarketingRepresentative				
Other		Other				
	TechnicalMarketingRepresentative					

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Petroleum Industry Data eXchange (PIDX)



CountryOfFinalDestination

The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1

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	A code indicating a country.
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.
parent(s)	<u>QuoteRequestLineItem</u>
	<u>QuoteRequestProperties</u>
	<u>QuoteRequestSubLineItem</u>

CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	QuoteRequestLineItem			
	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestSubLineItem</u>			

EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	М	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required.
level	QuoteRequestProperties
	<u>QuoteRequestDetails</u>

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children	Name	Type	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			

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	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	M	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	GeographicalInformation			

HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

	, 0
note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or HazardousMaterialDescription is required.
level	<u>QuoteRequestProperties</u>
	<u>QuoteRequestDetails</u>

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children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

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JobLocationIdentifier

A unique identifier referencing the job location.

note					
level	<u>QuoteRequestProperties</u>				
	<u>QuoteRequestDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing.				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>QuoteRequestProperties</u>
	<u>QuoteRequestDetails</u>

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children	Name		Туре	Use	Max
	<u>JobLocationIdentifier</u>		string	0	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	<u>WellInformation</u>			0	1
	A collection of elements detailing information about a well.				
	JobSiteCategory		string	0	1
	A code indicating the kind of site on which the job is located.				
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other				
	<u>AddressInformation</u>			0	1
	A collection of elements defining the details of an address.				
	<u>GeographicalInformation</u>			0	1
	A collection of elements defining a geographical location.				
parent(s)	QuoteRequestLineItem				
' '/	QuoteRequestProperties				
	QuoteRequestSubLineItem				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

<u>QuoteRequestDetails</u>				
<u>LineItemInformation</u>				
Name		Туре	Use	Fixed
identifierIndicator		string	M	
A code to indicate the origin of the identifier.				
AssignedByBuyer				
AssignedByManufacturer				
AssignedBySeller				
CatalogueNumber	UPCNumber	-		
Other				
	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type identifierIndicator string A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type Use identifierIndicator string M A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	<u>QuoteRequestLineItem</u>			
	<u>QuoteRequestSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	<u> </u>			
note				
level	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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		Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
ſ	parent(s)	<u>QuoteRequestLineItem</u>
		QuoteRequestSubLineItem

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Location

A collection of elements giving details about a location.

note				
level	QuoteRequestProperties			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPo	int		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note	
level	<u>QuoteRequestProperties</u>
	QuoteRequestDetails
parent(s)	<u>PartnerInformation</u>

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attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber	1		
	DUNS+4Number	Other	1		

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PartnerInformation

A collection of elements detailing partner information.

note				
level	QuoteRequestProperties			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	QuoteRequestLineItem			
	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestSubLineItem</u>			
	<u>TransportInformation</u>			

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attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	MaterialIssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			
1		-		

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PostalCountry

The country code indicating the country to which mail should be delivered.

•	<u> </u>			
note				
level	QuoteRequestProperties			
	<u>QuoteRequestDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

note				
level	<u>QuoteRequestProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteRequestProperties			





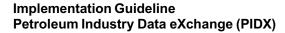
ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or Detail level, but not both.				
level	QuoteRequestProperties				
	<u>QuoteRequestDetails</u>				
children	Name	Туре	Use	Max	
	ReferenceNumber	string	М	1	
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references				
	Description	string	0	1	
	A free-form textual explanation or clarification.				
parent(s)	QuoteRequestLineItem				
	QuoteRequestProperties				
	QuoteRequestSubLineItem				

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Name		Туре	Use	Fixed
referenceInformationIndicator		string	М	
A code to identify what type of information is being referenced.				
AFENumber	BatchNumber			
BillOfLading	Certification			
CertifiedInspectionTestResults				
ConfigurationNumber				
ContractNumber				
CostAllocationReference	CostCenter			
CustomerAccountingReference				
CustomerReferenceNumber				
DeliveryTicketNumber				
DivisionIdentifier				
EngineeringChangeOrderNumber	JobNumber			
LetterOfCreditNumber				
LocationNumber				
MaterialSafetyDataSheet				
OperatorGeneralLedgerCode				
OriginalInvoiceNumber				
PriceAreaNumber	ProjectNumber			
ProposalNumber	QuoteNumber			
RequestForQuotationNumber				
TemplateNumber				
Other				

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RequestQuoteResponse

A collection of elements detailing when the quote is due and any instructions necessary.

note				
level	<u>QuoteRequestProperties</u>			
children	Name	Туре	Use	Max
	OpenDate	date	0	1
	The earliest date a Quote may be submitted in response to a Quote Request.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	CloseDate	date	0	1
	The date by which a Quote must be submitted.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ContactInformation		0	1
	A collection of elements defining details of communication for a contact person.			
	ResponseInstructions	string	0	1
	Free-form text providing any additional instructions about how to respond to a Quote Request.			
parent(s)	QuoteRequestProperties			

ResultingOrderType

A code indicating what kind of order will be placed after a bid is awarded.

note					
level	<u>QuoteRequestProperties</u>				
children	Name		Туре	Use	Max
	PurchaseOrderTypeCode		string	М	1
	A code indicating the kind of purchase order.				
	Confirmation	EmergencyOrder			
	ReleaseOrDeliveryOrder	RushOrder			
	StandAloneOrder				
	SupplyOrServiceOrder	Other			
parent(s)	QuoteRequestProperties				

SecondCurrency

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

	3 · · · · · · · · · · · · · · · · · · ·
note	
level	<u>QuoteRequestProperties</u>

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children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteRequestProperties			

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ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the ye "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represer respectively.	,			
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss field Leading zeroes must be used if the field would otherwise have too few digits.	s exactly tw	o digits e	ach.	
	If no time is to be given then use zeroes in the hh, mm and ss fields.				
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.				
level	QuoteRequestProperties				
	<u>QuoteRequestDetails</u>				
parent(s)	QuoteRequestLineItem				
	<u>QuoteRequestProperties</u>				
	<u>QuoteRequestSubLineItem</u>				
attributes	Name	Туре	Use	Fixed	
	dateTypeIndicator	string	M		
	A code to identify which date being given.				
	ArriveLocationDate InvoiceDueDat	Э			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart ShipDat	е			
	Other				

SpecialInstructions

A free-form textual description of special requirements.

	· · ·
note	
level	<u>QuoteRequestProperties</u>
	<u>QuoteRequestDetails</u>
parent(s)	<u>QuoteRequestLineItem</u>
	<u>QuoteRequestProperties</u>
	<u>QuoteRequestSubLineItem</u>

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attributes	Name	Туре	Use	Fixed
	instructionIndicator	string	0	
	A code to identify the type of instruction being given.			
	CarrierInstructions			
	ConsigneeInstructions			
	DriverInstructions			
	EmptyReturnInstructions			
	InspectionInstructions			

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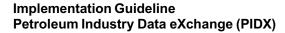
RoutingInstructions	
ShipperInstructions	ShortLeadTime
Tolerances	Other

Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>QuoteRequestDetails</u>
	<u>QuoteRequestSummary</u>







Name		Type	Use	Max	
TaxTypeCode		string	М	1	
A code indicating the kind of tax being applied.					
CitySalesTax					
CountyParishSalesTax	CountyTax				
FederalExciseTax					
GoodsAndServicesTax					
GrossReceiptsTax	LocalTax				
MetropolitanTransitTax					
StateAndLocalSalesTax					
StateProvincialTax Sta	iteSalesTax				
ValueAddedTax	ServiceTax				
Other					
MixedRateIndicator		string	0	1	
A mixed rate VAT tax indicator. This is used for European tax purposes.					
TaxldentifierNumber		string	0	1	
A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	r				
TaxExemptCode		string	Ο	1	
A code identifying exemption status from sales and use tax.					
DirectPay	Exempt				
NonExempt	Other				
			_		
<u>TaxLocation</u>			0	1	
<u>TaxLocation</u> The physical or deemed location at which tax is calculated based upon juby a governmental or regulatory body.	ırisdiction		0	1	
The physical or deemed location at which tax is calculated based upon ju	ırisdiction	decimal	0	1	
The physical or deemed location at which tax is calculated based upon juby a governmental or regulatory body.	ırisdiction	decimal	_		
The physical or deemed location at which tax is calculated based upon juby a governmental or regulatory body. TaxRate	ırisdiction	decimal	_		
The physical or deemed location at which tax is calculated based upon juby a governmental or regulatory body. TaxRate The percentage or monetary amount charged on a transaction.	ırisdiction	decimal	0	1	
The physical or deemed location at which tax is calculated based upon juby a governmental or regulatory body. TaxRate The percentage or monetary amount charged on a transaction. TaxBasisAmount	ırisdiction	decimal	0	1	
The physical or deemed location at which tax is calculated based upon juby a governmental or regulatory body. TaxRate The percentage or monetary amount charged on a transaction. TaxBasisAmount The monetary amount which is subject to tax.	risdiction	decimal	0	1	

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	Afree-i:Inn te:.tual e:-planation orclari,cation.
parent(s)	Q• !MPBMI IPS•IIjQ"!t 'M
	!il•tm""B"g " !tttliiD"' i"

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TaxAmount

The monetary amount of the tax.

note				
level	<u>QuoteRequestDetails</u>			
	QuoteRequestSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

note				
level	QuoteRequestDetails			
	QuoteRequestSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Tax			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	<u>QuoteRequestProperties</u>
	<u>QuoteRequestDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>QuoteRequestDetails</u>			
	<u>QuoteRequestSummary</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>QuoteRequestProperties</u>			
	QuoteRequestDetails			
children	Name	Туре	Use	Ma
	PhoneNumber	string	M	1
	A numerical sequence to reach a telephone attached to a communication ne	twork.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixe
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		
	Other			

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TransportInformation

A collection of elements detailing how product is transported.

note	If this element is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>QuoteRequestProperties</u>
	QuoteRequestDetails QuoteRequestDetails QuoteRequestDetails

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	Name	Type	Use	Ma
	ShipmentMethodOfPayment	string	M	1
	A code indicating payment terms for transportation charges.			
	Collect	t-		
	FreightCreditedBackToCustomer	_		
	CustomerPickupBackhaul	-		
	PrepaidBySeller Prepaid			
	ChargedToCustomer ServiceFreigh			
	NoCharge ThirdPartyPa	ıy		
	Other			
	RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment movement.	string	0	1
	OriginCarrier-AirMotorOcean			
	OriginDeliveryCarrier-AnyMode			
	Other	i		
	TransportMethodCode A code indicating the mode of transportation used to move product.	string	0	1
	Air AirExpres	·e		
	Barge BestWay			
	ShippersOption Box			
	CustomerPickup ExpeditedTruc			
	Motor-CommonCarrier Ocea			
	ParcelPost Ra			
	SupplierTruck Truc			
	Vessel Other	er	0	
	PartnerInformation A collection of elements detailing partner information.		0	(
	Location A collection of elements giving details about a location.		0	ı
	ShipmentTermsCode A code indicating the terms under which a product is shipped, such as Freight Prepaid, FOB or similar.	string	0	1
	Routing A free-form description of the shipping route to be provided for transportation of product.	string	0	•
	ServiceLevelCode A code indicating the level of service required.	string	0	•
	HazardousMaterials A collection of elements conveying hazardous goods information related to a product.		0	

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	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>QuoteRequestLineItem</u>			
	<u>QuoteRequestProperties</u>			
	QuoteRequestSubLineItem			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

note				
level	<u>QuoteRequestProperties</u>			
	<u>QuoteRequestDetails</u>			
parent(s)	WellInformation			
attributes	Name	Туре	Use	Fixed
	wellIdentifierIndicator	string	0	
	A code to indicate the origin of the Well Identifier.			
	Nmber	CustomerNumber		
	UWINumber	Other		

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>QuoteRequestProperties</u>
	<u>QuoteRequestDetails</u>

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children	Name		Туре	Use	Ma
	WellIdentifier		string	M	ι
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	
	The customer name of a well.				
	WellType		string	0	
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	5.1.0.				
arent(s)	<u>JobLocationInformation</u>				

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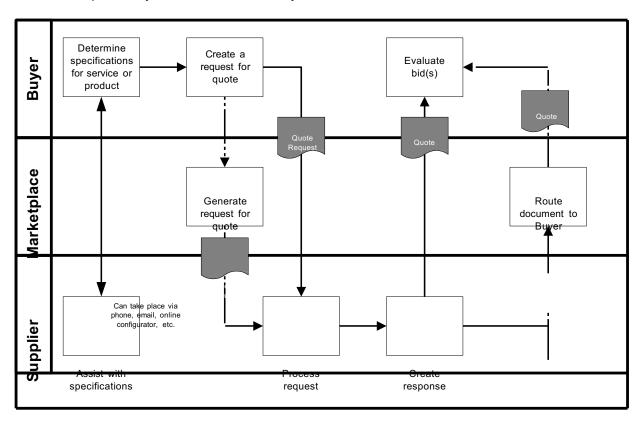
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7.0 Quote

7.1 Business Process Diagram

Below is the Business Process Diagram for the Quote transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



Buyer to Supplier Direct Buyer to Supplier through a Marketplace

B2B Model - A Buyer or buying organization determines the specifications for the service or complex product. This may entail receiving assistance from the Seller via a configurator, telephone call, email, etc. Then the request for quote is created and sent to the Seller. The Seller then generates a quote based upon the request and sends it to the Buyer for evaluation. If any dialogue between the Buyer and Seller about the request or quote is necessary, it will take

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place via email, phone, internet, etc.

Marketplace Model - A Buyer or buying organization determines the specifications for the service or complex product. This may entail receiving assistance from the Seller via a configurator, telephone call, email, etc. Then the request for quote is created and sent to the Seller through a Marketplace. The Seller then generates a quote based upon the request and sends it to the Marketplace. The Marketplace then routes the quote to the Buyer for evaluation. If any dialogue between the Buyer and Seller about the request or quote is necessary, it will take place via email, phone, internet, etc.

The Quote document is used in response to a Quote Request sent by a Buyer when a price quote from one or many suppliers is necessary prior to creating an order for a service or complex product.





7.2 Legend to Tables

The following tables detail the elements and attributes that make up the Quote. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (1)
A collection of elements detailing information about a telephone number.

3 note							
level	OrderCreateProperties OrderCreateDetails						
children	Hame (5)			\sim	Туре	Use	Max
	PhoneNumber	(6		(7)	string	М	1
	A numerical sequence to reach a telephone attached to a co	ommunic	ation ne	etwork.			
	PhoneNumberExtension				string	0	1
	An extension number that is needed to further identify the pl	none nur	nber.				
	TelecomCountryCode				string	0	1
	The dialing code from another country to access the telepho another country.	ne netw	ork in				
	TelecomAreaCode				string	0	1
	The area code within a country or jurisdiction, if needed, to a telephones within the country.	access lo	ocal				
parent(s)	Contact (n90) rmation						
attributes	Name		\bigcirc	\sim	Туре	Use	Fixed
	(10) telephoneIndicator	(11)	(14)	(12)	string (13)	0	
	A code to indicate the type of phone number being given.						
	Fax			Mobile			
	Pager			Voice			
	Other						
Legend							
The na	ne of the element.						
2 The def	inition of the element.						
0	and the state of the state of						

Leg	end end
1	The name of the element.
2	The definition of the element.
3	Contains any business rules or comments about the element
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.
6	Indicates the data type of the element.
7	Indicates whether the element is mandatory (M) or optional (O).
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)
9	Indicates the parent element of the element.
10	Contains the name of any attributes and their definitions.

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11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

7.3 Document Detail

Quote

The root element of the Quote message. It is used to respond to an request for quote.

Name	Туре	Use	Max
QuoteProperties		M	1
A collection of elements defining the quote "meta-data" or "common data".			
<u>QuoteDetails</u>		M	1
A collection of elements defining the details of the Quote message.			
QuoteSummary		M	1
A collection of elements detailing the totals of the quote.			
Name	Туре	Use	Fixed
transactionPurposeIndicator	string	M	
A code indicating the purpose of the transaction.			
Add			
Cancellation	ange		
Confirmation	elete		
Duplicate	iginal		
Replace	quest		
Other			
version	decimal	M	1.0
A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			
_	QuoteProperties A collection of elements defining the quote "meta-data" or "common data". QuoteDetails A collection of elements defining the details of the Quote message. QuoteSummary A collection of elements detailing the totals of the quote. Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Duplicate Or Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the	QuoteProperties A collection of elements defining the quote "meta-data" or "common data". QuoteDetails A collection of elements defining the details of the Quote message. QuoteSummary A collection of elements detailing the totals of the quote. Name Type transactionPurposeIndicator string A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Duplicate Duplicate Replace Other version decimal A fixed number indicating the version of the PIDX XML Standard on which the	QuoteProperties M A collection of elements defining the quote "meta-data" or "common data". QuoteDetails M A collection of elements defining the details of the Quote message. M QuoteSummary M A collection of elements detailing the totals of the quote. Type Use transactionPurposeIndicator string M A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Original Replace Request Other version decimal M A fixed number indicating the version of the PIDX XML Standard on which the

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QuoteProperties

A collection of e	elements defining the quote "meta-data" or "common data".
note	

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children	Name	Туре	Use	Max
	QuoteNumber	string	М	1
	A unique identifier for a Quote message. QuoteDate	date	М	1
	The date upon which a quote was created or deemed to have been issued.	date		•
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	QuoteRequestInformation A collection of elements containing relevant quote request information which needs to be referenced within other documentation and/or messages.		M	1
	PartnerInformation A collection of elements detailing partner information.		M	U
	<u>ValidityDates</u>		0	1
	The date range between which the Quote is valid. QuoteTypeCode	ctring	0	1
	A code indicating the kind of quote being sent, such as a bid.	string	U	1
	AlternateBid			
	BidWithoutException			
	DeclineToQuote Othe			
	RevisionNumber A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.	string	0	1
	PrimaryCurrency The currency code indicating the currency to be used for the transaction.		0	1
	SecondCurrency The currency code indicating a second currency, such as for European countries using the Euro and a local currency.		0	1
	RateOfExchangeDetail A collection of elements containing the detail of the exchange rate between two currencies.		0	1
	LanguageCode A code indicating the language used for the transaction.	string	0	1
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	JobLocationInformation A collection of elements giving details of a job location.		0	1
	ServiceDateTime The actual and/or schedule dates for a service.	datetime	0	U
	CountryOfOrigin The country where product originates or is deemed to have originated.		0	1
	CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered.		0	1
	TransportInformation A collection of elements detailing how product is transported.		0	1
	PaymentTerms A collection of elements detailing payment terms information.		0	1
	SpecialInstructions A free-form textual description of special requirements.	string	0	U
	ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Page 178 of 828		0	U
	Attachment			





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	A collection of elements defining the details of an attachment to the document.			
	Comment A free-form textual structure for general information or comments.	string	0	1
parent(s)	Quote			

QuoteDetails

A collection of elements defining the details of the Quote message.

note				
children	Name	Туре	Use	Max
	<u>QuoteLineItem</u>		M	U
	A collection of elements defining the details of the line items making up the quote.			
parent(s)	Quote			



QuoteLineItem

A collection of element	s defining the	details of the line	items making u	up the quote.

note

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children	Name LineItemNumber	Type	Use M	Ma 1
		string	IVI	1
	A sequential individual line identifier within a document containing service or item information.			
	LineItemInformation		М	1
	A collection of elements detailing identifying information about a line item.			
	QuotedQuantity		М	1
	The number of units of an item or service quoted.			
	Pricing		M	•
	A collection of elements detailing price information.			
	QuoteRequestLineItemNumber	string	0	•
	A sequential individual line identifier within a Quote Request document containing product or item information.			
	<u>CommodityCode</u>		0	
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	<u>AllowanceOrCharge</u>		0	
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	,
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	<u>CountryOfOrigin</u>		0	
	The country where product originates or is deemed to have originated.		_	
	CountryOfFinalDestination		0	
	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	
	A collection of elements detailing how product is transported.			
	<u>PaymentTerms</u>		0	
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	0	1
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	
	A code indicating the marking, packaging, loading and related characteristics being described.			
	PackageSpecifications			
PIDX v 1	ProductMarking .0 scnemas	DIDA	v1.0 Sc	hem
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	SkidPalletType	TypeOfPackage			
	Other				
	PackagingCharacteristicDescription		string	0	U
	Free-form text providing any additional information associated with Characteristic Code.	the Packaging			
	ReferenceInformation			0	U
	A collection of elements detailing references to information that res the current transaction message.	ide outside of			
	<u>Attachment</u>			0	U
	A collection of elements defining the details of an attachment to the	document.			
	Comment		string	0	1
	A free-form textual structure for general information or comments.				
	<u>QuoteSubLineItem</u>			0	U
	A collection of elements defining the details of the sub line items of used if a line item needs to be broken down into further detail.	a quote. It is			
parent(s)	QuoteDetails				

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QuoteSubLineItem

A collection of elements	defining the detail	s of the sub line ite	ms of a quote.	It is used if a li	ne item needs to b	e broken o	down into
further detail.	-						

note			

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children	Name	Туре	Use	Ma
	SubLineItemNumber	string	M	1
	The sub-line item number relating to the primary line item referenced in the			
	message.		M	
	<u>LineltemInformation</u>		М	1
	A collection of elements detailing identifying information about a line item.			
	QuotedQuantity The purple and continue of an item and a market decision and a market de		М	1
	The number of units of an item or service quoted.			
	Pricing		М	•
	A collection of elements detailing price information.		•	
	QuoteRequestLineItemNumber	string	0	
	A sequential individual line identifier within a Quote Request document containing product or item information.			
	<u>CommodityCode</u>		0	,
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	1
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	AllowanceOrCharge		0	
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	<u>CountryOfOrigin</u>		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been delivered.			
	TransportInformation		0	
	A collection of elements detailing how product is transported.			
	<u>PaymentTerms</u>		0	
	A collection of elements detailing payment terms information.			
	SpecialInstructions	string	0	
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	
	A code indicating the marking, packaging, loading and related characteristics being described.			
	PackageSpecifications			

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	ProductMarking	SkidPalletTyp	е		
	TypeOfPackage	Othe	er		
	PackagingCharacteristicDescription		string	0	U
	Free-form text providing any additional information associated with the Characteristic Code.	he Packaging			
	ReferenceInformation			0	U
	A collection of elements detailing references to information that residuhe current transaction message.	de outside of			
	<u>Attachment</u>			0	U
	A collection of elements defining the details of an attachment to the	document.			
	Comment		string	0	1
	A free-form textual structure for general information or comments.				
parent(s)	QuoteLineItem				

QuoteSummary

A collection of elements detailing the totals of the quote.

note				
children	Name	Туре	Use	Max
	TotalLineItems	integer	М	1
	The total number of line items contained in a message.			
	QuoteTotal		М	1
	The total monetary amount of the quote.			
	<u>AllowanceOrCharge</u>		0	U
	A collection of elements defining the details of an allowance or charge to the customer.			
	ShippingAmount		0	1
	A free-form textual description of special requirements.			
	<u>Tax</u>		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	SubTotalAmount		0	U
	The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.			
	<u>TermsDiscountAmount</u>		0	1
	The total monetary amount of the payment terms discount.			
	<u>DiscountedAmountDue</u>		0	1
	The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)			
parent(s)	Quote			

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AddressInformation

A collection of elements defining the details of an address.

note				
level	QuoteProperties			
	QuoteDetails			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>QuoteDetails</u>
	<u>QuoteSummary</u>

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children	Name	Туре	Use	Max
	<u>AllowanceOrChargeTotalAmount</u>		0	1
	The total monetary amount for the allowance or charge.			
	<u>AllowanceOrChargeRate</u>		0	1
	The rate per unit of the allowance or charge.			
	<u>AllowanceOrChargePercent</u>	decimal	0	1
	The allowance or charge expressed as a percentage.			
	AllowanceOrChargeNumber	string	0	1
	The identifier assigned by a vendor referencing an allowance, promotion, deal charge.	or		
	AllowanceOrChargeTypeCode	string	0	1
	A code identifying the kind of allowance or charge being described.			
	Freight FuelSurch	narge		
	SpecialHandlingService Dis	count		
	FlatRate			
	EngineeringCharge			
	InvoiceAdjustment			
	InsuranceSurcharge			
	OneTimeLicenseFee Roy	alties		
	MiscellaneousCharge PostageCl	narge		
	TrailerRentalCharge			
	TransportationDirectBilling			
	TransportationVendorProvided	Other		
	MethodOfHandlingCode	string	0	1
	A code which describes how a particular allowance or charge should be handle	d.		
	OffInvoice			
	ChargeToBePaidByCustomer			
	Other			
	AllowanceOrChargeDescription	string	0	1
	A free form description used to clarify the related allowance and charge data elements and their content.			
	<u>AllowanceOrChargeQuantity</u>		0	1
	The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.	•		
parent(s)	QuoteLineItem			
	QuoteSubLineItem			
	QuoteSummary			

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attributes	Name	Туре	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>QuoteDetails</u>			
	QuoteSummary			
parent(s)	<u>AllowanceOrCharge</u>			
attributes	Name	Туре	Use	Fixed
ı	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

4	р			
note				
level	QuoteDetails			
	QuoteSummary			
children	Name	Туре	Use	Max
	Quantity A numeric count of measure.	decimal	М	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

	•	
	note	
ſ	level	<u>QuoteDetails</u>
		<u>QuoteSummary</u>

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children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	M	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	0	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	AllowanceOrCharge			

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AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

note				
level	QuoteDetails			
	QuoteSummary			
children	Name	Type	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	0	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>AllowanceOrCharge</u>			

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

<u>QuoteProperties</u>				
QuoteDetails				
ContactInformation				
Name	Т	Гуре	Use	Fixed
alternativeCommunicationMethodIndicator	s	tring	М	
A code to indicate the type of alternative communication method.				
AUTOVON				
EDIAccessNumber				
FederalTelecommunicationsSystem IPA	Address			
PacketSwitching P	rinterID			
StationCode	elemail			
Telex	TWX			
Other				
	QuoteDetails ContactInformation Name alternativeCommunicationMethodIndicator A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem PacketSwitching StationCode Telex	QuoteDetails ContactInformation Name alternativeCommunicationMethodIndicator A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem PacketSwitching PrinterID StationCode Telemail Telex	QuoteDetails ContactInformation Name Type alternativeCommunicationMethodIndicator string A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX	QuoteDetails ContactInformation Name Type Use alternativeCommunicationMethodIndicator string M A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>QuoteProperties</u>
	QuoteDetails QuoteDetails

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1

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	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>QuoteLineItem</u>			
	<u>QuoteProperties</u>			
	QuoteSubLineItem			

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Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	QuoteDetails			
parent(s)	<u>QuoteLineItem</u>			
	<u>QuoteSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencyIndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note					
level	<u>QuoteProperties</u>				
	<u>QuoteDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

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ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at either	er the Property or Detail	level, but r	not both.	
level	<u>QuoteProperties</u>				
	<u>QuoteDetails</u>				
children	Name		Туре	Use	Max
	ContactIdentifier		string	0	1
	The identifier of the contact person or department.				
	ContactName		string	0	1
	The name of the contact person within the organization.				
	ContactDescription		string	0	1
	A free-form textual description of the contact.				
	<u>Telephone</u>			0	U
	A collection of elements detailing information about a telepho	one number.			
	EmailAddress		string	0	1
	The address assigned to a person or organization to receive	electronic messages.			
	<u>AlternativeCommunicationMethod</u>		string	0	U
	Additional methods of communication, such as an IP Addres addition to those specifically listed elsewhere in contact or ac				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			

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	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.
parent(s)	QuoteLineItem
	<u>QuoteProperties</u>
	<u>QuoteSubLineItem</u>

CountryOfOrigin

The country where product originates or is deemed to have originated.

mo ocama y wind	bre product originates or is decribed to have originated.			
note				
level	QuoteProperties			
	QuoteDetails			
children	Name	Туре	Use	Max
	CountryCode	string	М	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	QuoteLineItem			
	QuoteProperties			
	QuoteSubLineItem			

Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		Ο	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

note	

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level	<u>QuoteProperties</u>			
	Q uoteDetails			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	Ο	1
	A code indicating the currency in which the monetary amount is specified.			

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		Use 1he codelist from ISO 4217:2001 Codes for the representation of currencies
ı		3nd funds.
I	parent(s)	Deferred

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DiscountAmount

The monetary amount of a discount based upon payment terms.

note				
level	QuoteProperties			
	QuoteDetails			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

DiscountedAmountDue

The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)

note				
level	QuoteSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteSummary			

Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note		
leve	<u>QuoteProperties</u>	
	<u>QuoteDetails</u>	

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children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

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EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	M	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	QuoteProperties			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	Location			

GPSCoordinates

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A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	М	1
	The specified latitude of a location.			

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	Longitude	string	М	1
	The specified longitude of a location.			
parent(s)	<u>GeographicalInformation</u>			

HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or HazardousMaterialDescription is required.				
level	QuoteProperties				
	<u>QuoteDetails</u>				
children	Name	Туре	Use	Max	
	SpecialHandlingCode	string	0	1	
	A code identifying any special transportation handling instructions				
	HazardousMaterialDescription	string	0	1	
	A free-form textual explanation of information related to a hazardous shipment.				
	<u>HazardousMaterialClassCode</u>	string	0	U	
	A code indicating the kind of hazard for a material.				
parent(s)	TransportInformation				

JobLocationIdentifier

A unique identifier referencing the job location.

_		
	note	
	level	<u>QuoteProperties</u>
		QuoteDetails QuoteDetails
	parent(s)	<u>JobLocationInformation</u>

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attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing	g.			
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant				

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i elin
Re1inery: Rig
Rig
Utililant
Other

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>QuoteProperties</u>
	<u>QuoteDetails</u>

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children	Name		Туре	Use	Max
	<u>JobLocationIdentifier</u>		string	0	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	WellInformation			0	1
	A collection of elements detailing information about a well.				
	JobSiteCategory		string	0	1
	A code indicating the kind of site on which the job is located.		•		
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other				
	AddressInformation_			0	1
	A collection of elements defining the details of an address.				
	GeographicalInformation			0	1
	A collection of elements defining a geographical location.				
parent(s)	QuoteLineItem				
	<u>QuoteProperties</u>				
	<u>QuoteSubLineItem</u>				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

note					
level	<u>QuoteDetails</u>				
parent(s)	<u>LineItemInformation</u>				
attributes	Name		Туре	Use	Fixed
	identifierIndicator		string	M	
	A code to indicate the origin of the identifier.				
	AssignedByBuyer				
	AssignedByManufacturer				
	AssignedBySeller				
	CatalogueNumber	UPCNumber			
	Other				

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	QuoteLineItem			
	<u>QuoteSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	•			
note				
level	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>QuoteLineItem</u>
	QuoteSubLineItem

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Location

A collection of elements giving details about a location.

note				
level	QuoteProperties			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPoi	nt		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	M	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	М	1
	The largest measurement in a given range.			
parent(s)	<u>PriceBasis</u>			

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PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	<u>QuoteProperties</u>				
	QuoteDetails				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator	;	string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller DUNS	Number			
	DUNS+4Number				
	Other				





PartnerInformation

A collection of elements detailing partner information.

note				
level	QuoteProperties			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	QuoteLineItem			
	QuoteProperties			
	<u>QuoteSubLineItem</u>			
	<u>TransportInformation</u>			





attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one of DaysDue is required.	of DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Percent	ntOfInvoicePaya	able is re	quired
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Ma
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate InvoiceD	Date		
	InvoiceReceiptDate	ther		
	PaymentTermsBasisDate	date	0	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM the month and "DD" the day.	"		
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applicable).		
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		0	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		0	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	0	1
	A percentage used to calculate the penalty on any balance unpaid by the due da	te.		
parent(s)	QuoteLineItem			
	QuoteProperties			
	<u>QuoteSubLineItem</u>			

PostalCountry

The country code indicating the country to which mail should be delivered.

note

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level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

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PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	Measurement A numeric value for technical or attribute data.	decimal	0	1
	MeasurementRange A collection of elements providing a minimum and maximum measurement to create a range.		0	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	M	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	BasisDescription Free-form textual description of the basis.	string	0	1
parent(s)	Pricing			

Pricing

A collection of elements detailing price information.

note				
level	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	<u>UnitPrice</u>		М	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	QuoteLineItem			
	<u>QuoteSubLineItem</u>			

PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

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note				
level	<u>QuoteProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>QuoteProperties</u>			

QuotedQuantity

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The number of units of an item or service quoted.

note				
level	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	Quantity A numeric count of measure.	decimal	M	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	M	1





	Use values from the DE 355 code list contained in ASC X12 release 3030.
parent(s)	<u>QuoteLineItem</u>
	QuoteSubLineItem

QuoteRequestInformation

A collection of elements containing relevant quote request information which needs to be referenced within other documentation and/or messages.

, or moodage				
note				
level	QuoteProperties			
children	Name	Туре	Use	Max
	QuoteRequestNumber	string	M	1
	A unique identifier for a Quote Request message.			
	QuoteRequestDate	string	М	1
	The date upon which a request was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version			
parent(s)	QuoteProperties			

QuoteTotal

The total monetary amount of the quote.

	· · · · · · · · · · · · · · · · · · ·			
note				
level	<u>QuoteSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteSummary			

RateOfExchangeDetail

A collection of elements containing the detail of the exchange rate between two currencies.

note	
level	<u>QuoteProperties</u>

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children	Name	Туре	Use	Max
	ReferenceCurrency		М	1
	The currency from which a monetary value is to be converted using a rate of exchange.			
	<u>TargetCurrency</u>		M	1
	The currency to which the monetary value is to be converted using a rate of exchange.			
	ExchangeRate	string	М	1
	An equation which converts monetary amounts into different denominations.			
	DateOfRateOfExchange	date	0	1
	The date upon which the exchange rate was quoted.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM"			

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the month and "DD" the day.

par<!M(s)

Quote Properties

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ReferenceCurrency

The currency from which a monetary value is to be converted using a rate of exchange.

note				
level	<u>QuoteProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	М	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>RateOfExchangeDetail</u>			

ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, b	ut not both	
level	QuoteProperties			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references	string	M	1
	Description A free-form textual explanation or clarification.	string	0	1
parent(s)	QuoteLineItem			
	<u>QuoteProperties</u>			
	<u>QuoteSubLineItem</u>			





referenceInformationIndicator A code to identify what type of information is being referenced. AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber ProposalNumber	attributes	Name		Туре	Use	Fixed
BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber				string	M	
CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		AFENumber	BatchNumber	1		
ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		BillOfLading	Certification			
ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CertifiedInspectionTestResults				
CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		ConfigurationNumber				
CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		ContractNumber				
CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CostAllocationReference	CostCenter			
DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CustomerAccountingReference				
DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CustomerReferenceNumber				
EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		DeliveryTicketNumber				
LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		DivisionIdentifier				
LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		EngineeringChangeOrderNumber	JobNumber			
MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		LetterOfCreditNumber				
OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		LocationNumber				
OriginalInvoiceNumber PriceAreaNumber ProjectNumber		MaterialSafetyDataSheet				
PriceAreaNumber ProjectNumber		OperatorGeneralLedgerCode				
1		OriginalInvoiceNumber				
ProposalNumber		PriceAreaNumber	ProjectNumber			
		ProposalNumber				

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	QuoteNumber	
	RequestForQuotationNumber	
	TemplateNumber	Other
SecondCurr	encv	

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

•			•	
note				
level	<u>QuoteProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>QuoteProperties</u>			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	QuoteProperties
	<u>QuoteDetails</u>
parent(s)	<u>QuoteLineItem</u>
	<u>QuoteProperties</u>
	QuoteSubLineItem

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attributes	Name		Туре	Use	Fixed
	dateTypeIndicator		string	M	
	A code to identify which date being given.				
	ArriveLocationDate	InvoiceDueDate			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart	ShipDate			
	Other				

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ShippingAmount

The monetary amount of shipping or freight charges.

note				
level	QuoteDetails			
	QuoteSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteLineItem			
	<u>QuoteSubLineItem</u>			
	QuoteSummary			

SpecialInstructions

A free-form textual description of special requirements.

CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions					
parent(s) QuoteLineItem QuoteProperties QuoteSubLineItem attributes Name instructionIndicator A code to identify the CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions					
QuoteProperties QuoteSubLineItem attributes Name instructionIndicator A code to identify the CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions					
attributes Name instructionIndicator A code to identify the CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions					
attributes Name instructionIndicator A code to identify the CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions					
instructionIndicator A code to identify the CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions					
A code to identify the CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions			Туре	Use	Fixed
CarrierInstructions ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions			string	0	
ConsigneeInstructions DriverInstructions EmptyReturnInstructions InspectionInstructions	type of instruction being given.				
DriverInstructions EmptyReturnInstructions InspectionInstructions					
EmptyReturnInstructions	•				
InspectionInstructions					
·	ons				
RoutingInstructions					
ShipperInstructions		ShortLeadTime			
Tolerances		Other			

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SubTotalAmount

The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.

note				
level	<u>QuoteSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteSummary			
attributes	Name	Туре	Use	Fixed
	subTotalIndicator	string	M	
	A code to indicate the type of subtotal being given.			
	Equipment La	abor		
	Materials	ther		

TargetCurrency

The currency to which the monetary value is to be converted using a rate of exchange.

•	· · · · · · · · · · · · · · · · · · ·			
note				
level	<u>QuoteProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	RateOfExchangeDetail			

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>QuoteDetails</u>
	QuoteSummary





children	Name		Туре	Use	Ma
	TaxTypeCode		string	M	1
	A code indicating the kind of tax being applied.				
	CitySalesTax				
	CountyParishSalesTax	CountyTax			
	FederalExciseTax				
	GoodsAndServicesTax				
	GrossReceiptsTax	LocalTax			
	MetropolitanTransitTax				
	StateAndLocalSalesTax				
	StateProvincialTax	StateSalesTax			
	ValueAddedTax	WellServiceTax			
	Other				
	MixedRateIndicator		string	0	1
	A mixed rate VAT tax indicator. This is used for European tax purpos	ses.			
	TaxIdentifierNumber		string	0	1
	A unique number or code issued to an organization by a government regulatory body identifying that entity for tax purposes.	al or			
	TaxExemptCode		string	0	1
	A code identifying exemption status from sales and use tax.				
	DirectPay	Exempt			
	NonExempt	Other			
	<u>TaxLocation</u>			0	1
	The physical or deemed location at which tax is calculated based upon by a governmental or regulatory body.	tax is calculated based upon jurisdiction			
	TaxRate		decimal	0	1
	The percentage or monetary amount charged on a transaction.				
	<u>TaxBasisAmount</u>			0	1
	The monetary amount which is subject to tax.				
	<u>TaxAmount</u>			0	1
	The monetary amount of the tax.				
	TaxReference		string	0	1
	A free-form textual explanation or clarification.		-		
	A free-form textual explanation or clarification.				
parent(s)	QuoteLineItem				
	<u>QuoteSubLineItem</u>				
	QuoteSummary				

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TaxAmount

The monetary amount of the tax.

note				
level	QuoteDetails			
	QuoteSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

note				
level	<u>QuoteDetails</u>			
	QuoteSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			





TaxInformation

A collection of elements detailing tax information about a partner.

note				
level	QuoteProperties			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	TaxIdentifierNumber	string	0	1
	A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.			
	Jurisdiction	string	0	1
	The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.			
	TaxCertificateType	string	0	1
	The category of tax certificate for which an identifying number is issued.			
	TaxCertificateNumber	string	0	1
	The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.			
parent(s)	PartnerInformation PartnerInformation			

TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

1 7	3		, ,	
note				
level	<u>QuoteDetails</u>			
	QuoteSummary			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	AddressInformation		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

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Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
children	Name	Туре	Use	Max
	PhoneNumber	string	M	1
	A numerical sequence to reach a telephone attached to a communication ne	twork.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixe
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		
	Other			

TermsDiscountAmount

The total monetary amount of the payment terms discount.

note				
level	<u>QuoteSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	QuoteSummary			

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TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>QuoteProperties</u>
	<u>QuoteDetails</u>

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	Name		Type	Use	Ma
	ShipmentMethodOfPayment		string	M	1
	A code indicating payment terms for transportation charges.				
	Collect	Collect-			
	FreightCreditedBackToCustomer				
	CustomerPickupBackhaul	Pickup			
	PrepaidBySeller	Prepaid-			
		ceFreight-			
		dPartyPay			
	Other				
	RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment mover	ment.	string	0	1
	OriginCarrier-AirMotorOcean				
	OriginDeliveryCarrier-AnyMode				
	Other				
	TransportMethodCode		string	0	1
	A code indicating the mode of transportation used to move product.		•		
	Air A	AirExpress			
	Barge	BestWay-			
	ShippersOption	Boat			
	CustomerPickup Expe	ditedTruck			
	Motor-CommonCarrier	Ocean			
	ParcelPost	Rail			
	SupplierTruck	Truck			
	Vessel	Other			
	PartnerInformation			0	u
	A collection of elements detailing partner information.				
	Location A collection of elements giving details about a location.			0	ι
	ShipmentTermsCode		ctring	0	1
	A code indicating the terms under which a product is shipped, such as Fre Prepaid, FOB or similar.	ight	string	O	'
	Routing		string	0	1
	A free-form description of the shipping route to be provided for transportati product.	ion of	g		•
	ServiceLevelCode		string	0	1
	A code indicating the level of service required.		ouing		•
	HazardousMaterials A collection of elements conveying hazardous goods information related to	оа		0	1
	product.				
	CarrierEquipmentCode		string		

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	A code indicating the kind of equipment parent(s) the carrier.			
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	QuoteLineItem			
	QuoteProperties			
	QuoteSubLineItem			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	QuoteDetails			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

ValidityDates

The date range between which the Quote is valid.

The date range	between which the Quote is valid.			
note				
level	QuoteProperties			
children	Name	Туре	Use	Max
	FromDate	date	M	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	QuoteProperties			

WellIdentifier

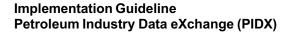
A unique identifier referencing a well, such as an UWI number.

note	
11010	
	,

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level	<u>QuoteProperties</u>			
	<u>QuoteDetails</u>			
parent(s)	WellInformation			
attributes	Name	Туре	Use	Fixed
	wellIdentifierIndicator	string	0	
	A code to indicate the origin of the Well Identifier.			
	Number	1		

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CustomefNumber

UWhtJrrber

Other

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>QuoteProperties</u>
	<u>QuoteDetails</u>

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children	Name		Туре	Use	Ма
	WellIdentifier		string	М	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
parent(s)	JobLocationInformation				

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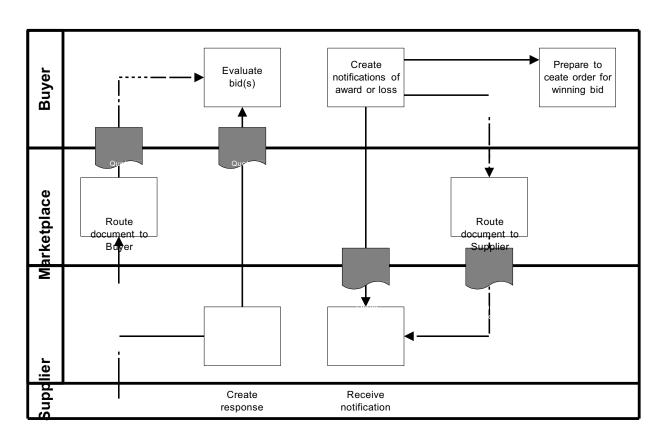




8.0 Quote Notification

8.1 Business Process Diagram

Below is the Business Process Diagram for the Quote Notification transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



Buyer to Supplier Direct Buyer to Supplier through a Marketplace

B2B Model - A Buyer creates a bidding situation by sending out requests for quote to many Sellers. The Sellers respond with quotes to the Buyer. The Buyer evaluates the bids and sends of

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notification of award or loss to the Sellers. The winning bid eventually will become and order.

Marketplace Model - A Buyer creates a bidding situation by sending out requests for quote to many Sellers. The Sellers respond with quotes to the Buyer, going through a Marketplace. The Buyer evaluates the bids and sends of notification of award or loss to the Sellers through a Marketplace. The winning bid eventually will become and order.

The Quote Notification document is used in a bidding situation between many Sellers. It is used to provide the Seller of notification of award or loss of the bid.

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Telephone

attributes

Name

Fax Pager

Other

(10) telephoneIndicator

A code to indicate the type of phone number being given.

Implementation Guideline Petroleum Industry Data eXchange (PIDX)



Fixed

Use

0

Type

Mobile

Voice

8.2 Legend to Tables

The following tables detail the elements and attributes that make up the Quote Notification. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

(2)

A collection of elements detailing information about a telephone number. OrderCreateProperties level **OrderCreateDetails** children Туре Use Max string PhoneNumber M 1 A numerical sequence to reach a telephone attached to a communication network. **PhoneNumberExtension** 0 1 string An extension number that is needed to further identify the phone number. **TelecomCountryCode** string 1 The dialing code from another country to access the telephone network in another country. TelecomAreaCode 0 string 1 The area code within a country or jurisdiction, if needed, to access local telephones within the country. ContactIn9ormation parent(s)

Leg	Legend			
1	The name of the element.			
2	The definition of the element.			
3	Contains any business rules or comments about the element			
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document			
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.			
6	Indicates the data type of the element.			
7	Indicates whether the element is mandatory (M) or optional (O).			
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)			
9	Indicates the parent element of the element.			
10	Contains the name of any attributes and their definitions.			

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11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

8.3 Document Detail

QuoteNotification

The root element of the Quote Nonfiction message. It is used to notify a supplier of the award status of its bid.

	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			
	version	decimal	M	1.0
attributes	Name	Туре	Use	Fixed
	A collection of elements defining the notification data.			
	<u>QuoteNotificationProperties</u>		M	1
children	Name	Туре	Use	Max
note				

QuoteNotificationProperties

A collection of elements defining the notification data.

note				
children	Name	Туре	Use	Max
	QuoteNotificationDate	date	M	1
	The date upon which a notification was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	QuoteNumber	string	M	1
	A unique identifier for a Quote message.			
	QuoteDate	date	M	1
	The date upon which a notification was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		M	U
	A collection of elements detailing partner information.			
	NotificationCode	string	M	1
	A code used to notify the bidders in an RFQ as to whether they won or lost the bid	d.		
	AwardedBid NotAwardedBi	d		
	OrderToFollow	er		
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	QuoteNotification			

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AddressInformation

A collection of elements defining the details of an address.

note				
level	QuoteNotificationProperties			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	PartnerInformation			

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note	
level	<u>QuoteNotificationProperties</u>
parent(s)	<u>ContactInformation</u>

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attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			
	StationCode	Telemai	l		
	Telex	TWX	1		

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		Other	
--	--	-------	--

ContactIdentifier

The identifier of the contact person or department.

note					
level	<u>QuoteNotificationProperties</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at either the Property or Deta	ıl level, but r	not both.	
level	<u>QuoteNotificationProperties</u>			
children	Name	Туре	Use	Max
	ContactIdentifier	string	0	1
	The identifier of the contact person or department.			
	ContactName	string	0	1
	The name of the contact person within the organization.			
	ContactDescription	string	0	1
	A free-form textual description of the contact.			
	<u>Telephone</u>		0	U
	A collection of elements detailing information about a telephone number.			
	EmailAddress	string	0	1
	The address assigned to a person or organization to receive electronic messages.			
	<u>AlternativeCommunicationMethod</u>	string	0	U
	Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.			
parent(s)	<u>PartnerInformation</u>			

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attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	М	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				

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SalesRepresentative	
ServiceCoordinator	
TechnicalMarketingRepresentative	
Other	

PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note				
level	<u>QuoteNotificationProperties</u>			
parent(s)	<u>PartnerInformation</u>			
attributes	Name	Туре	Use	Fixed
	partnerldentifierIndicator	string	М	
	A code to identify the origin of the Partner Identifier.			
	AssignedByBuyer			
	AssignedBySeller DU	UNSNumber		
	DUNS+4Number	Other		

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PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>QuoteNotificationProperties</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	М	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>QuoteNotificationProperties</u>			





attributes	Name	Type	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

PostalCountry

The country code indicating the country to which mail should be delivered.

	as marsaming and country to minor man encount 20 donterour			
note				
level	<u>QuoteNotificationProperties</u>			
children	Name	Туре	Use	Max

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	CountryCode	string	М	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>AddressInformation</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note				
level	QuoteNotificationProperties			
children	Name	Туре	Use	Max
	TaxIdentifierNumber	string	0	1
	A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.			
	Jurisdiction	string	0	1
	The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.			
	TaxCertificateType	string	0	1
	The category of tax certificate for which an identifying number is issued.			
	TaxCertificateNumber	string	0	1
	The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.			
parent(s)	PartnerInformation			

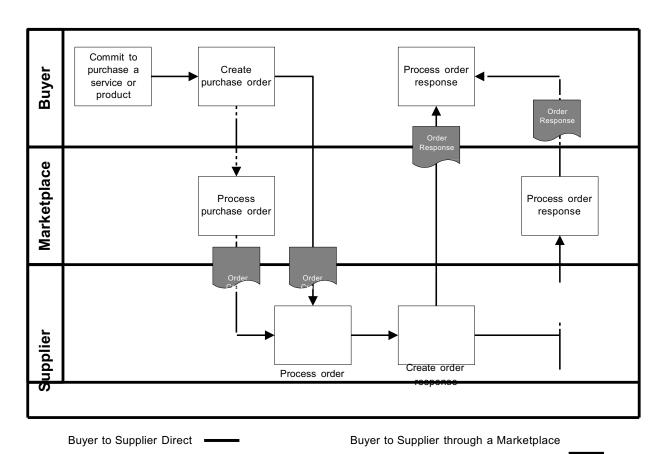




9.0 Order Create

9.1 Business Process Diagram

Below is the Business Process Diagram for the Order Create transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



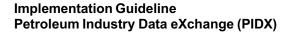
B2B Model - A Buyer or buying organization makes a commitment to purchase a service or complex product. A purchase order is created and sent to the Seller. The Seller processes the order and sends a response to the Buyer either accepting or denying the terms of the order.

Marketplace Model - A Buyer or buying organization makes a commitment to purchase a service or

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complex product. A purchase order is created on a Marketplace and sent to the Seller. The Seller processes the order and sends a response to the Buyer through the Marketplace either accepting or denying the terms of the order.

The Order Create document is used when a Buyer has made a commitment to purchase a service or complex product. The order may be the result of the acceptance of a Request Requisition Return, the acceptance of a quote, or as a completely new request.

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9.2 Legend to Tables

The following tables detail the elements and attributes that make up the Order Create. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (2)
A collection of elements detailing information about a telephone number.

A numerical sequence to reach a telephone attached to a communication network. PhoneNumberExtension string O An extension number that is needed to further identify the phone number. TelecomCountryCode string O The dialing code from another country to access the telephone network in another country. TelecomAreaCode string O The area code within a country or jurisdiction, if needed, to access local telephones within the country. parent(s) Contact(so)mation A code to indicate the type of phone number being given. Fax Mobile Pager Voice	level	OrderCreateProperties OrderCreateDetails						
PhoneNumberExtension An extension number that is needed to further identify the phone number. TelecomCountryCode The dialing code from another country to access the telephone network in another country. TelecomAreaCode The area code within a country or jurisdiction, if needed, to access local telephones within the country. Parent(s) Contact(so)rmation A code to indicate the type of phone number being given. Fax Mobile Pager O Type Use Fix Mobile Pager	children	PhoneNumber	6		7			Ma 1
TelecomCountryCode The dialing code from another country to access the telephone network in another country. TelecomAreaCode The area code within a country or jurisdiction, if needed, to access local telephones within the country. parent(s) Contacti(%)rmation A code to indicate the type of phone number being given. Fax Pager Mobile Pager O Type Use Fix Mobile Voice		PhoneNumberExtension			etwork.	string	0	1
another country. TelecomAreaCode The area code within a country or jurisdiction, if needed, to access local telephones within the country. parent(s) Contact(s) mation attributes Name 10 telephoneIndicator A code to indicate the type of phone number being given. Fax Mobile Pager Noice			one num	ibei.		string	0	1
The area code within a country or jurisdiction, if needed, to access local telephones within the country. Parent(s) Contact(so)rmation attributes Name 10 telephoneIndicator A code to indicate the type of phone number being given. Fax Mobile Pager Voice		another country.	e netwo	ork in		- 4	0	1
attributes Name 10 telephoneIndicator A code to indicate the type of phone number being given. Fax Mobile Pager Voice		The area code within a country or jurisdiction, if needed, to ac	cess lo	cal		Sumg	Ū	
telephoneIndicator A code to indicate the type of phone number being given. Fax Mobile Pager Voice	parent(s)	Contact (n9ormation						
Fax Mobile Pager Voice	attributes	(10)	11)	14)	(12)	Type 13 string		Fixe
Pager Voice		A code to indicate the type of phone number being given.						
		Fax			Mobil	е		
Other		Pager			Voic	е		
Cuito.		Other						

Leg	end
1	The name of the element.
2	The definition of the element.
3	Contains any business rules or comments about the element
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.
6	Indicates the data type of the element.
7	Indicates whether the element is mandatory (M) or optional (O).
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)
9	Indicates the parent element of the element.
10	Contains the name of any attributes and their definitions.

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11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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TASK GROUP

If11llementation Guideline PetroleumIndustiY Data eXchange (PIDX)

The documenl, its properties, details, line em, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

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9.3 Document Detail

OrderCreate

The root element of the Order Create message. It is used to place an order for products and/or services.

OrderCreateProperties A collection of elements defining the order "meta-data" or "common data". OrderCreateDetails A collection of elements defining the details of the Order Create message. OrderCreateSummary A collection of elements detailing the totals of the order. Attributes Name Type Use Fi transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Duplicate Duplicate Replace Original Replace Other	note					
A collection of elements defining the order "meta-data" or "common data". OrderCreateDetails A collection of elements defining the details of the Order Create message. OrderCreateSummary A collection of elements detailing the totals of the order. attributes Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Duplicate Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the	children	Name		Туре	Use	Max
OrderCreateDetails A collection of elements defining the details of the Order Create message. OrderCreateSummary A collection of elements detailing the totals of the order. attributes Name Type Use Fi transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		<u>OrderCreateProperties</u>			M	1
A collection of elements defining the details of the Order Create message. OrderCreateSummary A collection of elements detailing the totals of the order. Attributes Name Type Use Fi transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Duplicate Duplicate Original Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		A collection of elements defining the order "meta-data" or "common data".				
OrderCreateSummary A collection of elements detailing the totals of the order. attributes Name Type Use Fi transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Delete Duplicate Duplicate Duplicate Original Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		<u>OrderCreateDetails</u>			M	1
A collection of elements detailing the totals of the order. A collection of elements detailing the totals of the order. Type Use FittersactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Original Replace Request Other version A fixed number indicating the version of the PIDX XML Standard on which the		A collection of elements defining the details of the Order Create message.				
attributes Name transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Delete Duplicate Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		<u>OrderCreateSummary</u>			M	1
transactionPurposeIndicator A code indicating the purpose of the transaction. Add Cancellation Confirmation Delete Duplicate Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		A collection of elements detailing the totals of the order.				
A code indicating the purpose of the transaction. Add Cancellation Change Confirmation Delete Duplicate Original Replace Request Other version A fixed number indicating the version of the PIDX XML Standard on which the	attributes	Name		Туре	Use	Fixed
Add Cancellation Change Confirmation Delete Duplicate Original Replace Request Other version decimal M A fixed number indicating the version of the PIDX XML Standard on which the		transactionPurposeIndicator		string	M	
Cancellation Change Confirmation Delete Duplicate Original Replace Request Other version decimal M A fixed number indicating the version of the PIDX XML Standard on which the		A code indicating the purpose of the transaction.				
Confirmation Delete Duplicate Original Replace Request Other version A fixed number indicating the version of the PIDX XML Standard on which the		Add				
Duplicate Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		Cancellation	hange			
Replace Other version A fixed number indicating the version of the PIDX XML Standard on which the		Confirmation	Delete			
Other version decimal M A fixed number indicating the version of the PIDX XML Standard on which the		Duplicate C	riginal			
version decimal M A fixed number indicating the version of the PIDX XML Standard on which the		Replace	equest			
A fixed number indicating the version of the PIDX XML Standard on which the		Other				
		version		decimal	M	1.0
			•			

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OrderCreateProperties

A collection of e	elements defining the order "meta-data" or "common data".
note	

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children	Name	Туре	Use	Ma
	PurchaseOrderNumber	string	M	1
	A unique identifier for an Order Create message.			
	PurchaseOrderIssuedDate	date	M	1
	The date upon which an order was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		М	1
	A collection of elements detailing partner information.			
	At a minimum, a BillTo and ShipTo, or a BillAndShipTo is required.			
	PurchaseOrderTypeCode	string	M	1
	A code indicating the kind of purchase order.			
	Confirmation EmergencyOrde	er		
	ReleaseOrDeliveryOrder RushOrde	er		
	StandAloneOrder			
	SupplyOrServiceOrder Other	er		
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
	ReleaseNumber	string	0	1
	A number identifying a release against a purchase order previously placed by the parties involved in the transaction. It is the equivalent to a work order number.			
	SpecialInvoicePreference	string	Ο	1
	A code indicating any special invoice requirements.			
	InvoiceNotRequired			
	Other			
	<u>PrimaryCurrency</u>		0	1
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		0	1
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	LanguageCode	string	0	1
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	<u>ServiceDateTime</u>	datetime	0	ι
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	1
	The country where product originates or is deemed to have originated.			
	CountryOfFinalDestination		0	1
	The country where product is ultimately delivered or is deemed to have been delivered.			
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	TransportInformation		0	1
	A code indicating the mode of transportation used to move product.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>CreditCardInformation</u>		0	1
	A collection of elements defining the details of a credit card.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>OrderCreate</u>			

OrderCreateDetails

A collection of elements defining the details of the Order Create message.

note				
children	Name	Туре	Use	Max
	<u>OrderCreateLineItem</u>		M	U
	A collection of elements defining the details of the line items making up the order.			
parent(s)	<u>OrderCreate</u>			

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OrderCreateLineItem

A collection of elements	defining the details	of the line items	making up the or	der.
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note

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ildren	Name	Type	Use
	LineItemNumber	string	M
	A sequential individual line identifier within a document containing service or item information.		
	<u>LineItemInformation</u>		M
	A collection of elements detailing identifying information about a line item.		
	<u>OrderQuantity</u>		M
	The number of units of an item or service ordered.		
	<u>CommodityCode</u>	string	0
	A code indicating the categorization of a product or service in accordance with a particular standard.		
	<u>PartnerInformation</u>		0
	A collection of elements detailing partner information.		
	<u>JobLocationInformation</u>		0
	A collection of elements giving details of a job location.		
	Pricing		0
	A collection of elements detailing price information.		
	<u>AllowanceOrCharge</u>		0
	A collection of elements defining the details of an allowance or charge to the custor	ner.	
	<u>Tax</u>		0
	A collection of elements detailing information about tax applied to a transaction.		
	<u>LineItemTotal</u>		0
	The net total monetary amount for the line item.		
	<u>ServiceDateTime</u>	datetime	0
	The actual and/or schedule dates for a service.		
	<u>CountryOfOrigin</u>		0
	The country where product originates or is deemed to have originated.		
	<u>CountryOfFinalDestination</u>		0
	The country where product is ultimately delivered or is deemed to have been delive	red.	
	<u>TransportInformation</u>		0
	A code indicating the mode of transportation used to move product.		
	<u>PaymentTerms</u>		0
	A collection of elements detailing payment terms information.		
	<u>CreditCardInformation</u>		0
	A collection of elements defining the details of a credit card.		
	<u>SpecialInstructions</u>	string	0
	A free-form textual description of special requirements.		
	PackagingCharacteristicCode	string	0
	A code indicating the marking, packaging, loading and related characteristics being described.		
	PackageSpecifications		
	ProductMarking SkidPalletTyp	е	
	TypeOfPackage Othe	er	
	PackagingCharacteristicDescription	string	0

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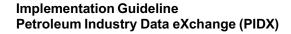




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	Free-form text providing any additional information associated with the Packaging Characteristic Code.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
	<u>OrderCreateSubLineItem</u>		0	U
	A collection of elements defining the details of the sub line items of an order. It is used if a line item needs to be broken down into further detail.			
parent(s)	<u>OrderCreateDetails</u>			

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OrderCreateSubLineItem

A collection of	elements	defining the	e details d	of the sub	line items	of an	order. I	t is used	if a line	item ı	needs to	be l	broken	down i	into
further detail.		-													

note		

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The mee Lir A CO Or The A CO The CO The A CO THE	bLineItemNumber e sub-line item number relating to the primary line item referenced in the essage. neItemInformation collection of elements detailing identifying information about a line item. derQuantity e number of units of an item or service ordered. mmodityCode code indicating the categorization of a product or service in accordance with a ricular standard. rtnerInformation collection of elements detailing partner information. bLocationInformation collection of elements giving details of a job location. icing collection of elements detailing price information. owanceOrCharge collection of elements defining the details of an allowance or charge to the custom accordance of elements detailing information about tax applied to a transaction. neItemTotal e net total monetary amount for the line item. rviceDateTime e actual and/or schedule dates for a service.	string string datetime	M M O O O O O O O	
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A control of the cont	collection of elements giving details of a job location. cicing collection of elements detailing price information. cowanceOrCharge collection of elements defining the details of an allowance or charge to the custom x collection of elements detailing information about tax applied to a transaction. celtemTotal e net total monetary amount for the line item. rviceDateTime		0 0	
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A control of the cont	collection of elements detailing price information. owanceOrCharge collection of elements defining the details of an allowance or charge to the custom x collection of elements detailing information about tax applied to a transaction. neltemTotal e net total monetary amount for the line item. rviceDateTime		0	
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A control of the cont	collection of elements defining the details of an allowance or charge to the custom x collection of elements detailing information about tax applied to a transaction. neltemTotal e net total monetary amount for the line item. rviceDateTime		0	
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Lir The Se The Co The Tra A co Pa A co	neltemTotal e net total monetary amount for the line item. rviceDateTime	datetime		
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The Co The Co The Tra A co Pa A co Cre A co		datetime	0	
Co The Co The Tra A co Pa A co	e actual and/or schedule dates for a service.			
The Co The Tra A co Pa A co Cre				
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The Train A control of	e country where product originates or is deemed to have originated.			
Tra A c Pa A c Cro	untryOfFinalDestination		Ο	
A c Pa A c Cru	e country where product is ultimately delivered or is deemed to have been deliver	ed.		
Pa A c Cre	ansportInformation		Ο	
A c	code indicating the mode of transportation used to move product.			
Crr A c	<u>ymentTerms</u>		0	
A	collection of elements detailing payment terms information.			
	<u>editCardInformation</u>		0	
C	collection of elements defining the details of a credit card.			
<u>Sp</u>	ecialInstructions	string	0	
A f	ree-form textual description of special requirements.			
Pa	ckagingCharacteristicCode	string	0	
	code indicating the marking, packaging, loading and related characteristics being scribed.			
Pa	ckageSpecifications			
Pro		2		
Туј	oductMarking SkidPalletType	r		
Pa	peOfPackage SkidPalletType		0	

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	Free-form text providing any additional information associated with the Packaging Characteristic Code.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>OrderCreateLineItem</u>			

OrderCreateSummary

A collection of elements detailing the totals of the order.

note				
children	Name	Туре	Use	Max
	TotalLineItems	integer	M	1
	The total number of line items contained in a message.			
	<u>TotalAmount</u>		0	1
	The total monetary amount of an order.			
parent(s)	<u>OrderCreate</u>			





AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

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AllowanceOrCharge

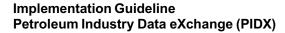
A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>OrderCreateDetails</u>

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children	Name	Туре	Use	Max
	<u>AllowanceOrChargeTotalAmount</u>		0	1
	The total monetary amount for the allowance or charge.			
	AllowanceOrChargeRate		0	1
	The rate per unit of the allowance or charge.			
	AllowanceOrChargePercent	decimal	0	1
	The allowance or charge expressed as a percentage.			
	AllowanceOrChargeNumber	string	0	1
	The identifier assigned by a vendor referencing an allowance, promotion, dea charge.	l or		
	AllowanceOrChargeTypeCode	string	0	1
	A code identifying the kind of allowance or charge being described.			
	Freight FuelSur	charge		
	SpecialHandlingService D	iscount		
	FlatRate			
	EngineeringCharge			
	InvoiceAdjustment			
	InsuranceSurcharge			
	OneTimeLicenseFee	oyalties		
	MiscellaneousCharge Postage	Charge		
	TrailerRentalCharge			
	TransportationDirectBilling			
	TransportationVendorProvided	Other		
	MethodOfHandlingCode	string	0	1
	A code which describes how a particular allowance or charge should be hand	led.		
	OffInvoice			
	ChargeToBePaidByCustomer			
	Other			
	AllowanceOrChargeDescription	string	0	1
	A free form description used to clarify the related allowance and charge data elements and their content.			
	<u>AllowanceOrChargeQuantity</u>		0	1
	The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.	ne		
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateSubLineItem</u>			

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>OrderCreateDetails</u>			
parent(s)	AllowanceOrCharge			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	М	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
arent(s)	AllowanceOrCharge			

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note	OrderCreateDetails Name			
a la il al u a ua	Name			
children	rume	Type	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

note

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level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies			

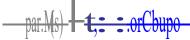
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AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note					
level	<u>OrderCreateProperties</u>				
	<u>OrderCreateDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID)		
	StationCode	Telemail	l		
	Telex	TWX	(
	Other				

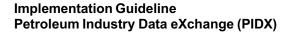
Attachment

A collection of elements defining the details of an attachment to the document.

note		
level	<u>OrderCreateProperties</u>	
	<u>OrderCreateDetails</u>	l

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	<u>OrderCreateSubLineItem</u>			





Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	<u>OrderCreateDetails</u>			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencyIndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixed
	contactIdentifierIndicator	string	0	
	A code to identify the origin of the contact identifier.			
	AssignedByBuyer			
	AssignedBySeller	mployeeID		
	Other			

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ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at eith	ner the Property or Detail	level, but i	not both.	
level	<u>OrderCreateProperties</u>				
	<u>OrderCreateDetails</u>				
children	Name		Type	Use	Max
	ContactIdentifier		string	0	1
	The identifier of the contact person or department.				
	ContactName		string	0	1
	The name of the contact person within the organization.				
	ContactDescription		string	0	1
	A free-form textual description of the contact.				
	<u>Telephone</u>			0	U
	A collection of elements detailing information about a teleph	one number.			
	EmailAddress		string	0	1
	The address assigned to a person or organization to receive	e electronic messages.			
	<u>AlternativeCommunicationMethod</u>		string	0	U
	Additional methods of communication, such as an IP Address addition to those specifically listed elsewhere in contact or a				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			

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	se the codelist from ISO 3166·1:1997 Codes for the representation of names of countries and their subdisions-Part 1:Country Codes.
parent(s)	nrd >rr:rg:rt >ljret >ro
	OrderCreateProperties
	Order Create S Lbline tern

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CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	<u>OrderCreateSubLineItem</u>			
	<u>OrderCreateSubLineItem</u>			

CreditCardInformation

A collection of elements defining the details of a credit card.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	CreditCardNumber	integer	M	1
	The number identifying the credit card account.			
	CardHolderName	string	0	1
	The name of the party to whom the credit card is registered.			
	CreditCardType	string	0	1
	The type of credit card as generally identified by financial institutions.			
	CreditCardExpirationDate	date	0	1
	The date upon which a credit card expires and is no longer valid.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	CardAuthorizationCode	string	0	1
	The authorization number assigned to a transaction against a credit card.			
	CardReferenceNumber	string	0	1
	A customer reference number which is used to enable transmission of customer specific information with the card.			
arent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	OrderCreateSubLineItem			

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Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

ne monetary a	mount that is deferred for payment based upon terms in an invoice, contract or agree	HOH.		
note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

DiscountAmount

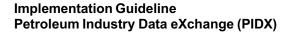
The monetary amount of a discount based upon payment terms.

no	ote	
lev	vel	<u>OrderCreateProperties</u>
		<u>OrderCreateDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

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Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	M	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

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GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	GPSCoordinates		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	М	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	GeographicalInformation			

HazardousMaterialClassCode

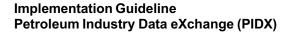
A code indicating the kind of hazard for a material.

note	
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level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	М	
	A code which qualifies the Hazardous Material Class Code.			

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HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or Haz required.	ardousMateri	alDescript	ion is
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

JobLocationIdentifier

A unique identifier referencing the job location.

•	• ,				
note					
level	<u>OrderCreateProperties</u>				
	<u>OrderCreateDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing.				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>OrderCreateProperties</u>
	<u>OrderCreateDetails</u>

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children	Name		Туре	Use	Max
	<u>JobLocationIdentifier</u>		string	0	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	WellInformation			0	1
	A collection of elements detailing information about a well.				
	JobSiteCategory		string	0	1
	A code indicating the kind of site on which the job is located.		•		
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other	g			
	AddressInformation AddressInformation			0	1
	A collection of elements defining the details of an address.				-
	GeographicalInformation			0	1
	A collection of elements defining a geographical location.				-
parent(s)	OrderCreateLineItem OrderCreateProperties				
	<u>OrderCreateSubLineItem</u>				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

<u>OrderCreateDetails</u>				
<u>LineItemInformation</u>				
Name		Туре	Use	Fixed
identifierIndicator		string	M	
A code to indicate the origin of the identifier.				
AssignedByBuyer				
AssignedByManufacturer				
AssignedBySeller				
CatalogueNumber	UPCNumber			
Other				
	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type identifierIndicator string A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type Use identifierIndicator string M A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

<u>OrderCreateDetails</u>			
Name	Туре	Use	Max
MonetaryAmount	decimal	М	1
The currency value of a transaction or item.			
CurrencyCode	string	0	1
A code indicating the currency in which the monetary amount is specified.			
	Name MonetaryAmount The currency value of a transaction or item. CurrencyCode	Name Type MonetaryAmount decimal The currency value of a transaction or item. CurrencyCode string	Name Type Use MonetaryAmount decimal M The currency value of a transaction or item. CurrencyCode string O

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>OrderCreateLineItem</u>
	<u>OrderCreateSubLineItem</u>

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Location

A collection of elements giving details about a location.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizat	ionPoint		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	М	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	M	1
	The largest measurement in a given range.			

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parent(s)	PriceBasis		
1 (-)			

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OrderQuantity

The number of units of an item or service ordered.

note				
level	<u>OrderCreateDetails</u>			
	<u>OrderResponse</u>			
	<u>OrderResponseDetails</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	М	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeSubLineItem</u>			
	<u>OrderCreateLineItem</u>			
	<u>OrderCreateSubLineItem</u>			
	<u>OrderResponseLineItem</u>			
	<u>OrderResponseSubLineItem</u>			

PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	<u>OrderCreateProperties</u>				
	<u>OrderCreateDetails</u>				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber			
	DUNS+4Number	Other			

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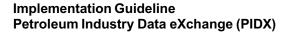


PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	<u>OrderCreateSubLineItem</u>			
	<u>TransportInformation</u>			







attributes	Name	Type	Use	Fixed
	partnerRoleIndicator	string	М	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one of DaysDue is required.	DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Percent	OfInvoicePaya	able is re	quired
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Ма
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate InvoiceDa	ite		
	InvoiceReceiptDate Oth	er		
	PaymentTermsBasisDate	date	Ο	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applicable).			
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		0	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		0	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	0	1
	A percentage used to calculate the penalty on any balance unpaid by the due date			
arent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	<u>OrderCreateSubLineItem</u>			

PostalCountry

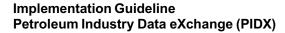
The country code indicating the country to which mail should be delivered.

note

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level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	М	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

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PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	Measurement	decimal	0	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	Pricing			

Pricing

A collection of elements detailing price information.

	÷ ·			
note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	<u>UnitPrice</u>		М	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateSubLineItem</u>			

PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

no carroney oc	de indicating the currency to be used for the transaction.			
note				
level	<u>OrderCreateProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderCreateProperties</u>			

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ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, bu	ut not both	١.
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber	string	M	1
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	<u>OrderCreateSubLineItem</u>			

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A A AF Bill Co	ferenceInformationIndicator code to identify what type of information is being referenced. ENumber IOfLading ertifiedInspectionTestResults onfigurationNumber	BatchNumber Certification	string	M	
AF Bil Ce Cc	ENumber IOfLading ertifiedInspectionTestResults enfigurationNumber				
Bil Ce Cc	IOfLading ertifiedInspectionTestResults onfigurationNumber				
Ce Ce	ertifiedInspectionTestResults enfigurationNumber	Certification			
Co	onfigurationNumber				
Co					
Co	ontractNumber				
00	stAllocationReference	CostCenter			
Cı	stomerAccountingReference				
Cı	stomerReferenceNumber				
De	eliveryTicketNumber				
Di	visionIdentifier				
Er	gineeringChangeOrderNumber	JobNumber			
Le	tterOfCreditNumber				
Lo	cationNumber				
Ma	aterialSafetyDataSheet				
Op	peratorGeneralLedgerCode				
Or	iginalInvoiceNumber				
Pr	iceAreaNumber	ProjectNumber			
Pr	oposalNumber	QuoteNumber			
Re	equestForQuotationNumber				
Te	mplateNumber				
	her				

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SecondCurrency

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	<u>OrderCreateProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderCreateProperties</u>			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	<u>OrderCreateProperties</u>
	<u>OrderCreateDetails</u>
parent(s)	<u>OrderCreateLineItem</u>
	<u>OrderCreateProperties</u>
	<u>OrderCreateSubLineItem</u>

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attributes	Name		Туре	Use	Fixed
	dateTypeIndicator		string	M	
	A code to identify which date being given.				
	ArriveLocationDate	InvoiceDueDate			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart	ShipDate			
	Other				

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SpecialInstructions

A free-form textual description of special requirements.

note					
level	<u>OrderCreateProperties</u>				
	<u>OrderCreateDetails</u>				
parent(s)	<u>OrderCreateLineItem</u>				
	<u>OrderCreateProperties</u>				
	<u>OrderCreateSubLineItem</u>				
attributes	Name		Туре	Use	Fixed
	instructionIndicator		string	0	
	A code to identify the type of instruction being given.				
	CarrierInstructions				
	ConsigneeInstructions				
	DriverInstructions				
	EmptyReturnInstructions				
	InspectionInstructions				
	RoutingInstructions				
	ShipperInstructions	ShortLeadTime			
	Tolerances				
	Other				

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>OrderCreateDetails</u>





children	Name		Туре	Use	Max
	TaxTypeCode		string	M	1
	A code indicating the kind of tax being applied.				
	CitySalesTax				
	CountyParishSalesTax	CountyTax			
	FederalExciseTax				
	GoodsAndServicesTax				
	GrossReceiptsTax	LocalTax			
	MetropolitanTransitTax				
	StateAndLocalSalesTax				
	StateProvincialTax	StateSalesTax			
	ValueAddedTax	VellServiceTax			
	Other				
	MixedRateIndicator		string	Ο	1
	A mixed rate VAT tax indicator. This is used for European tax purpose	es.			
	TaxIdentifierNumber		string	0	1
	A unique number or code issued to an organization by a governmenta regulatory body identifying that entity for tax purposes.	l or			
	TaxExemptCode		string	0	1
	A code identifying exemption status from sales and use tax.				
	DirectPay	Exempt			
	NonExempt	Other			
	<u>TaxLocation</u>			0	1
	The physical or deemed location at which tax is calculated based upor by a governmental or regulatory body.	n jurisdiction			
	TaxRate		decimal	Ο	1
	The percentage or monetary amount charged on a transaction.				
	<u>TaxBasisAmount</u>			0	1
	The monetary amount which is subject to tax.				
	<u>TaxAmount</u>			0	1
	The monetary amount of the tax.				
	TaxReference		string	0	1
	A free-form textual explanation or clarification.				
parent(s)	OrderCreateLineItem				
/	OrderCreateSubLineItem				

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TaxAmount

The monetary amount of the tax.

note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

	<u> </u>			
note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

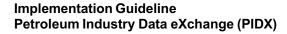
TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	<u>OrderCreateProperties</u>
	<u>OrderCreateDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	PartnerInformation PartnerInformation			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	AddressInformation		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>OrderCreateProperties</u>			
	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Ma
	PhoneNumber	string	M	1
	A numerical sequence to reach a telephone attached to a communication ne	twork.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixed
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		
	Other			

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TotalAmount

The total monetary amount of an order.

note				
level	<u>OrderCreateSummary</u>			
children	Name	Type	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			

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	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderCreateSummary</u>			

TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>OrderCreateProperties</u>
	<u>OrderCreateDetails</u>





Name		Type	Use	Ma
ShipmentMethodOfPayment		string	M	1
A code indicating payment terms for transportation charges.				
Collect	Collect-			
FreightCreditedBackToCustomer				
CustomerPickupBackhaul	Pickup			
PrepaidBySeller	Prepaid-			
•	rviceFreight-			
NoCharge Th	nirdPartyPay			
Other				
RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment mov	ement.	string	0	1
OriginCarrier-AirMotorOcean				
OriginDeliveryCarrier-AnyMode				
Other				
TransportMethodCode A code indicating the mode of transportation used to move product.		string	0	1
Air	AirExpress			
Barge	BestWay-			
ShippersOption	Boat			
• • • • • • • • • • • • • • • • • • • •	editedTruck			
Motor-CommonCarrier	Ocean			
ParcelPost	Rail			
SupplierTruck	Truck			
Vessel	Other			
	Other		_	
PartnerInformation A collection of elements detailing partner information.			0	U
Location A collection of elements giving details about a location.			0	U
ShipmentTermsCode		string	_	
A code indicating the terms under which a product is shipped, such as F Prepaid, FOB or similar.	reight	·g	0	1
A code indicating the terms under which a product is shipped, such as F	J	string	0	1

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	A code indicating the level of service required.			
	HazardousMaterials A collection of elements conveying hazardous goods information related to a product.		0	1
	CarrierEquipmentCode A code indicating the kind of equipment parent(s) the carrier.	string	0	1
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>OrderCreateLineItem</u>			
	<u>OrderCreateProperties</u>			
	<u>OrderCreateSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>OrderCreateDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

r aniquo idoniai					
note					
level	<u>OrderCreateProperties</u>				
	<u>OrderCreateDetails</u>				
parent(s)	WellInformation				
attributes	Name		Туре	Use	Fixed
	wellIdentifierIndicator		string	0	
	A code to indicate the origin of the Well Identifier.				
	Number	CustomerNumber			
	UWINumber				
	Other				

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>OrderCreateProperties</u>
	<u>OrderCreateDetails</u>

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children	Name		Туре	Use	Ма
	WellIdentifier		string	М	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other				
	Oulei				
arent(s)	JobLocationInformation				

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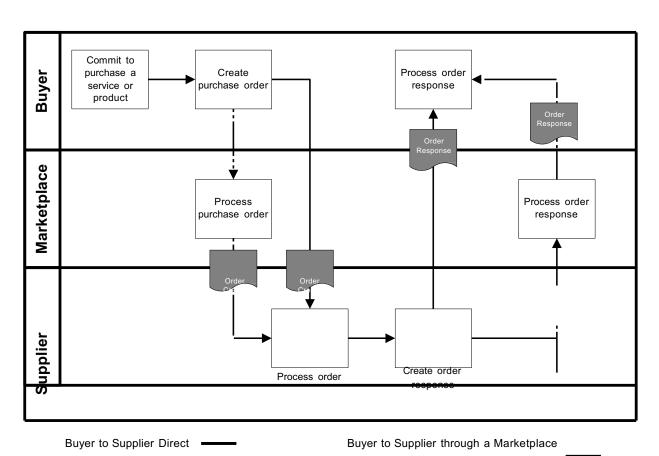




10.0 Order Response

10.1 Business Process Diagram

Below is the Business Process Diagram for the Order Response transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



B2B Model - A Buyer or buying organization makes a commitment to purchase a service or complex product. A purchase order is created and sent to the Seller. The Seller processes the order and sends a response to the Buyer either accepting or denying the terms of the order.

Marketplace Model - A Buyer or buying organization makes a commitment to purchase a service or

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complex product. A purchase order is created on a Marketplace and sent to the Seller. The Seller processes the order and sends a response to the Buyer through the Marketplace either accepting or denying the terms of the order.

The Order Response document is used as a response from a Buyer's request for an order. The response allows the Seller to accept, change, or deny parts or all of the order.

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Telephone

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10.2 Legend to Tables

The following tables detail the elements and attributes that make up the Order Response. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

A collection of elements detailing information about a telephone number. note OrderCreateProperties level **OrderCreateDetails** children Use Max Туре (7)string PhoneNumber M 1 A numerical sequence to reach a telephone attached to a communication network. **PhoneNumberExtension** string 0 1 An extension number that is needed to further identify the phone number. **TelecomCountryCode** string 0 1 The dialing code from another country to access the telephone network in another country. TelecomAreaCode string 0 1 The area code within a country or jurisdiction, if needed, to access local telephones within the country. parent(s) ContactIn9ormation attributes Name Use Fixed

Legend		
1	The name of the element.	
2	The definition of the element.	
3	Contains any business rules or comments about the element	
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document	
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.	
6	Indicates the data type of the element.	
7	Indicates whether the element is mandatory (M) or optional (O).	
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)	
9	Indicates the parent element of the element.	

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(10) telephonelndicator

Fax

Pager

Other

A code to indicate the type of phone number being given.

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o

Mobile

Voice







10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

10.3 Document Detail

OrderResponse

The root element of the Order Response message. It is used to acknowledge a previously placed order or change order.

note				
children	Name	Туре	Use	Max
	<u>OrderResponseProperties</u>		M	1
	A collection of elements defining the response "meta-data" or "common data".			
	<u>OrderResponseDetails</u>		M	1
	A collection of elements defining the details of the Order Response message.			
	<u>OrderResponseSummary</u>		M	1
	A collection of elements detailing the totals of the response.			
attributes	Name	Туре	Use	Fixed
	transactionPurposeIndicator	string	M	
	A code indicating the purpose of the transaction.			
	Add			
	Cancellation	Э		
	Confirmation	Э		
	Duplicate Origina	ıl		
	Replace	t		
	Other			
	version	decimal	M	1.0
	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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OrderResponseProperties

A collection of e	elements defining the response imeta-data for common data .
note	

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children	Name	Type	Use	
	OrderResponseNumber	string	M	
	A unique identifier for an Order Response message.			
	OrderResponseDate	date	М	
	The date upon which an acknowledgement was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		0	
	A collection of elements detailing partner information.			
	<u>PurchaseOrderInformation</u>		M	
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>ChangeOrderInformation</u>		0	
	A collection of elements which identifies a particular Change Order.			
	AcknowledgementType	string	0	
	A code identifying the kind of acknowledgement being sent.			
	SpecialInvoicePreference	string	0	
	A code indicating any special invoice requirements.			
	InvoiceNotRequired			
	Other			
	<u>PrimaryCurrency</u>		Ο	
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		Ο	
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	LanguageCode	string	0	
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been deliver	ed.		
	<u>TransportInformation</u>		0	
	A code indicating the mode of transportation used to move product.			
	<u>PaymentTerms</u>		0	
	A collection of elements detailing payment terms information.			
	CreditCardInformation		0	
	A collection of elements defining the details of a credit card.			
	<u>SpecialInstructions</u>	string	0	
	Page 328 of 828 A free-form textual description of special requirements.	-		
PIDX v	0 BeferageInformation	PIDX	v1.0 9 Sc	he
	nt ID: 01-167-10-50-2002		2020 (ar	





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	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>OrderResponse</u>			

OrderResponseDetails

A collection of elements defining the details of the Order Response message.

note			
children	Name Type	Use	Max
	<u>OrderResponseLineItem</u>	M	U
	A collection of elements defining the details of the line items making up the response.		
parent(s)	<u>OrderResponse</u>		



Or	der	Res	po	nse	Lin	elter	n
			Γ			•	

note

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ldren	Name	Type	Use	M
	PurchaseOrderLineItemNumber	string	М	
	A sequential individual line identifier within a purchase order document containing product or item information.			
	LineStatusCode	string	M	
	A code which indicates the whether a line item has been approved, rejected, or is pending.			
	Accept	g		
	Reject Othe	r		
	LineResponseReasonCode	string	M	
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	<u>LineItemInformation</u>		M	
	A collection of elements detailing identifying information about a line item.			
	<u>OrderQuantity</u>		М	
	The number of units of an item or service ordered.			
	ChangeDescription	string	0	
	A free-form textual description of changes made.			
	CommodityCode	string	0	
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	Pricing		0	
	A collection of elements detailing price information.			
	AllowanceOrCharge		0	
	A collection of elements defining the details of an allowance or charge to the custom	ner.		
	<u>Tax</u>		0	
	A collection of elements detailing information about tax applied to a transaction.			
	<u>LineItemTotal</u>		0	
	The net total monetary amount for the line item.			
	ServiceDateTime	datetime	0	
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	
	The country where product originates or is deemed to have originated.			
	CountryOfFinalDestination		0	
	The country where product is ultimately delivered or is deemed to have been deliver	ed.		
	TransportInformation		0	
	A code indicating the mode of transportation used to move product.			
	PaymentTerms		0	
	A collection of elements detailing payment terms information.		-	
	CreditCardInformation		0	
	A collection of elements defining the details of a credit card.		_	

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	SpecialInstructions	string	0	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	U
	A code indicating the marking, packaging, loading and related characteristics described.	s being		
	PackageSpecifications			
	ProductMarking SkidPa	alletType		
	TypeOfPackage	Other		
	PackagingCharacteristicDescription	string	0	U
	Free-form text providing any additional information associated with the Pack Characteristic Code.	aging		
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outsic the current transaction message.	de of		
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the docume	nt.		
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
	<u>OrderResponseSubLineItem</u>		0	U
	A collection of elements defining the details of the sub line items of a respon is used if a line item needs to be broken down into further detail.	se. It		
parent(s)	<u>OrderResponseDetails</u>			

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OrderResponseSubLineItem 4 6 1

A collection of elements	defining the details	of the sub line	items of a response.	It is used if a line item	needs to be broken o	down into
further detail.	-					

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	Name	Туре	Use	Λ
	PurchaseOrderSubLineItemNumber	string	M	
	A sequential individual sub-line identifier within an Order Create document containing information that relates back to a parent line item.	ng product or	item	
	LineStatusCode	string	M	
	A code which indicates the whether a line item has been approved, rejected, or is pending.			
	Accept Pendin	g		
	Reject Other	er		
	LineResponseReasonCode	string	M	
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	<u>LineItemInformation</u>		M	
	A collection of elements detailing identifying information about a line item.			
	<u>OrderQuantity</u>		M	
	The number of units of an item or service ordered.			
	ChangeDescription	string	0	
	A free-form textual description of changes made.			
	CommodityCode	string	0	
	A code indicating the categorization of a product or service in accordance with a particular standard.	-		
	PartnerInformation		0	
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	Pricing		0	
	A collection of elements detailing price information.			
	AllowanceOrCharge		0	
	A collection of elements defining the details of an allowance or charge to the custon	ner.		
	Tax		0	
	A collection of elements detailing information about tax applied to a transaction.			
	LineItemTotal		0	
	The net total monetary amount for the line item.			
	ServiceDateTime	datetime	0	
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	
	The country where product originates or is deemed to have originated.		_	
	CountryOfFinalDestination		0	
	The country where product is ultimately delivered or is deemed to have been delive	red.	_	
	TransportInformation	- ==	0	
	A code indicating the mode of transportation used to move product.		_	
	PaymentTerms		0	
	A collection of elements detailing payment terms information.		•	
	CreditCardInformation		0	
	A collection of elements defining the details of a credit card.		0	
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	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	U
	A code indicating the marking, packaging, loading and related characteristics being described.			
	PackageSpecifications			
	ProductMarking SkidPalletType			
	TypeOfPackage Other	1		
	PackagingCharacteristicDescription	string	0	U
	Free-form text providing any additional information associated with the Packaging Characteristic Code.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>OrderResponseLineItem</u>			

OrderResponseSummary

A collection of elements detailing the totals of the response.

note				
children	Name	Туре	Use	Max
	TotalLineItems	integer	М	1
	The total number of line items contained in a message.			
	<u>TotalAmount</u>		Ο	1
	The total monetary amount of an order.			
parent(s)	<u>OrderResponse</u>			

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AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	Location			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>OrderResponseDetails</u>

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ceOrChargeTotalAmount I monetary amount for the allowance or charge ceOrChargeRate per unit of the allowance or charge. ceOrChargePercent wance or charge expressed as a percentage. ceOrChargeNumber tiffier assigned by a vendor referencing an all ceOrChargeTypeCode dentifying the kind of allowance or charge be landlingService ringCharge djustment eSurcharge	decir string owance, promotion, deal or string	g O	1 1 1 1
ceOrChargeRate per unit of the allowance or charge. ceOrChargePercent wance or charge expressed as a percentage. ceOrChargeNumber tiffier assigned by a vendor referencing an all ceOrChargeTypeCode dentifying the kind of allowance or charge be landlingService ringCharge djustment eSurcharge eLicenseFee	string owance, promotion, deal or string ng described. FuelSurcharge	nal O	1
per unit of the allowance or charge. ceOrChargePercent wance or charge expressed as a percentage. ceOrChargeNumber tifier assigned by a vendor referencing an all ceOrChargeTypeCode dentifying the kind of allowance or charge be dandlingService ringCharge djustment eSurcharge eLicenseFee	string owance, promotion, deal or string ng described. FuelSurcharge	nal O	1
ceOrChargePercent wance or charge expressed as a percentage. ceOrChargeNumber Itifier assigned by a vendor referencing an all ceOrChargeTypeCode dentifying the kind of allowance or charge be landlingService ringCharge djustment eSurcharge eLicenseFee	string owance, promotion, deal or string ng described. FuelSurcharge	g O	1
wance or charge expressed as a percentage. ceOrChargeNumber tifier assigned by a vendor referencing an all ceOrChargeTypeCode dentifying the kind of allowance or charge be landlingService ringCharge djustment eSurcharge eLicenseFee	string owance, promotion, deal or string ng described. FuelSurcharge	g O	1
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tifier assigned by a vendor referencing an all ceOrChargeTypeCode dentifying the kind of allowance or charge be dandlingService ringCharge djustment eSurcharge eLicenseFee	owance, promotion, deal or string ng described. FuelSurcharge		
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dentifying the kind of allowance or charge be landlingService ringCharge djustment eSurcharge eLicenseFee	ng described. FuelSurcharge	g O	1
ringCharge djustment eSurcharge eLicenseFee	FuelSurcharge		
ringCharge djustment eSurcharge eLicenseFee			
ringCharge djustment eSurcharge eLicenseFee	Discount		
ringCharge djustment eSurcharge eLicenseFee			
djustment eSurcharge eLicenseFee			
eSurcharge eLicenseFee			
eLicenseFee			
neousCharge	Royalties		
MiscellaneousCharge PostageCha TrailerRentalCharge	PostageCharge		
rtationDirectBilling			
rtationVendorProvided	Other		
OfHandlingCode	string	g O	
vhich describes how a particular allowance o	charge should be handled.		
e			
oBePaidByCustomer			
ceOrChargeDescription	string	g O	
•	vance and charge data		
		0	
<u>ceOrChargeQuantity</u>		U	
v ic T	ToBePaidByCustomer nceOrChargeDescription orm description used to clarify the related allow ts and their content.	which describes how a particular allowance or charge should be handled. ice ToBePaidByCustomer InceOrChargeDescription orm description used to clarify the related allowance and charge data its and their content.	which describes how a particular allowance or charge should be handled. ice ToBePaidByCustomer string O orm description used to clarify the related allowance and charge data its and their content.

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>OrderResponseDetails</u>			
parent(s)	AllowanceOrCharge			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

note				
level	<u>OrderCreateDetails</u>			
	<u>OrderResponseDetails</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	M	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

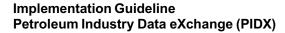
note

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level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies			

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AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note					
level	<u>OrderResponseProperties</u>				
	<u>OrderResponseDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID)		
	StationCode	Telemail	l		
	Telex	TWX	(
	Other				

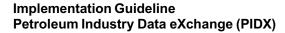
Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseProperties</u>			
	<u>OrderResponseSubLineItem</u>			





Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

ChangeOrderInformation

A collection of elements which identifies a particular Change Order.

note							
level	<u>OrderResponseProperties</u>						
children	Name		Туре	Use	Max		
	OrderChangeNumber		string	M	1		
	A unique identifier for an Order Change message.						
	OrderChangeDate		date	M	1		
	The date upon which a change order was created or deemed to hav	e been issued.					
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the month and "DD" the day.	he year, "MM"					
	PurchaseOrderTypeCode		string	0	1		
	A code indicating the kind of purchase order.						
	Confirmation	EmergencyOrder					
	ReleaseOrDeliveryOrder	RushOrder					
	StandAloneOrder						
	SupplyOrServiceOrder	Other	string O				
	SalesOrderNumber			0	1		
	The identifier assigned by a supplier to an order placed by a custom	er.					
	SequenceNumber		integer	0	1		
	A number to identify the change or revision against an order. The first submitted for an order would have a value of 1, the second 2, and so	•					
arent(s)	OrderResponseProperties						

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CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note	
level	<u>OrderResponseDetails</u>
parent(s)	<u>OrderResponseLineItem</u>
	<u>OrderResponseSubLineItem</u>
attributes	Name Type Use Fixed

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agercytndicator	strirg	0	
Acode indicating what agency ororganiza1ion is responsible for defining the			
commodity code list			

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ContactIdentifier

The identifier of the contact person or department.

note					
level	<u>OrderResponseProperties</u>				
	<u>OrderResponseDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID)		
	Other				

ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at either the Property or Detail level, but not both.			
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	ContactIdentifier	string	0	1
	The identifier of the contact person or department.			
	ContactName	string	0	1
	The name of the contact person within the organization.			
	ContactDescription	string	0	1
	A free-form textual description of the contact.			
	<u>Telephone</u>		0	U
	A collection of elements detailing information about a telephone number.			
	EmailAddress	string	0	1
	The address assigned to a person or organization to receive electronic messages.			
	<u>AlternativeCommunicationMethod</u>	string	0	U
	Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.			
parent(s)	<u>PartnerInformation</u>			

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contactInformationIndicator A code indicating the function of the contact. BuyerDepartment DeliveryContact DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent QuotePreparer M M A code indicating the function of the contact. BuyerDepartment DeliveryContact Engineer Engineer Engineer Engineer Engineer QuoteRequestor	attributes	Name	Туре	Use	Fixed
BuyerDepartment DesignEngineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact DeliveryContact Engineer		contactInformationIndicator	string	M	
DesignEngineer Engineer EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		A code indicating the function of the contact.			
EnteredBy FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		BuyerDepartment	DeliveryContact		
FieldRepresentative OfficeRepresentative OrderContact PurchasingAgent		DesignEngineer	Engineer		
OfficeRepresentative OrderContact PurchasingAgent		EnteredBy			
OrderContact PurchasingAgent		FieldRepresentative			
		OfficeRepresentative			
QuotePreparer QuoteRequestor		OrderContact	PurchasingAgent		
		QuotePreparer	QuoteRequestor		

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	-SerlliceCoordinator
	iTechnica!MarketingReresentati\E:
- 1	Other

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CountryOfFinalDestination

The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseProperties</u>			
	<u>OrderResponseSubLineItem</u>			

CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseProperties</u>			
	<u>OrderResponseSubLineItem</u>			

CreditCardInformation

A collection of elements defining the details of a credit card.

	3
note	
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>

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children	Name	Туре	Use	Max
	CreditCardNumber	integer	M	1
	The number identifying the credit card account.			
	CardHolderName	string	0	1
	The name of the party to whom the credit card is registered.			
	CreditCardType	string	0	1
	The type of credit card as generally identified by financial institutions.			
	CreditCardExpirationDate	date	0	1
	The date upon which a credit card expires and is no longer valid.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	CardAuthorizationCode	string	0	1
	The authorization number assigned to a transaction against a credit card.			
	CardReferenceNumber	string	0	1
	A customer reference number which is used to enable transmission of customer			

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	specific ini:Innation with the card.
parent(s)	Ord >rR >spnos >liP" t >m
	OrderResponseProperties
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Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	PaymentTerms			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

c monotary a	flourit that is deferred for payment based upon terms in an invoice, contract or agreed	110111.		
note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

DiscountAmount

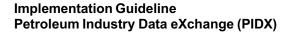
The monetary amount of a discount based upon payment terms.

note	
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

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Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	M	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	M	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

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GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
arent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	M	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	<u>GeographicalInformation</u>			

HazardousMaterialClassCode

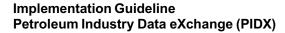
A code indicating the kind of hazard for a material.

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	note		
	11010		
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level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

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HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or Haz required.	ardousMateri	alDescript	ion is
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

JobLocationIdentifier

A unique identifier referencing the job location.

note					
level	<u>OrderResponseProperties</u>				
	<u>OrderResponseDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>

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children	Name		Туре	Use	Ма
	<u>JobLocationIdentifier</u>		string	0	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	WellInformation			0	1
	A collection of elements detailing information about a well.		string		
	JobSiteCategory			0	1
	A code indicating the kind of site on which the job is located.				
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other				
	AddressInformation			0	1
	A collection of elements defining the details of an address.				
	GeographicalInformation			0	1
	A collection of elements defining a geographical location.				
parent(s)	<u>OrderResponseLineItem</u>				
	<u>OrderResponseProperties</u>				
	OrderResponseSubLineItem				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

	<u> </u>			
note				
level	<u>OrderResponseDetails</u>			
parent(s)	<u>LineItemInformation</u>			
attributes	Name	Туре	Use	Fixed
	identifierIndicator	string	M	
	A code to indicate the origin of the identifier.			
	AssignedByBuyer			
	AssignedByManufacturer			
	AssignedBySeller			
	CatalogueNumber	UPCNumber		
	Other			

LineItemInformation

A collection of elements detailing identifying information about a line item.

	<u> </u>			
note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>LineItemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	ManufacturerIdentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>OrderResponseLineItem</u>
	<u>OrderResponseSubLineItem</u>

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Location

A collection of elements giving details about a location.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPoi	nt		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
HOLO				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	M	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	M	1
	The largest measurement in a given range.			
parent(s)	<u>PriceBasis</u>			

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OrderQuantity

The number of units of an item or service ordered.

note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	M	1

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	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseSubLineItem</u>			

PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
parent(s)	<u>PartnerInformation</u>			
attributes	Name	Туре	Use	Fixed
	partnerldentifierIndicator	string	M	
	A code to identify the origin of the Partner Identifier.			
	AssignedByBuyer			
	AssignedBySeller DUN	SNumber		
	DUNS+4Number	Other		

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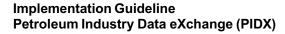


PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseProperties</u>			
	<u>OrderResponseSubLineItem</u>			
	<u>TransportInformation</u>			







attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one of DiscountsDueDate or DaysDue is required.						
	If DeferredDueDate is used, then at least one of DeferredAmountDue or PercentOfInvoicePayable is required						
level	<u>OrderResponseProperties</u>						
	<u>OrderResponseDetails</u>						
children	Name	Туре	Use	Ma			
	PaymentTermsOfSale	string	0	1			
	The terms on which payment is calculated for the transaction.						
	Description	string	0	1			
	A free-form textual explanation or clarification.						
	PaymentTermsBasisDateCode	string	0	1			
	A code identifying the beginning of the terms period.						
	DeliveryDate InvoiceE	Date					
	InvoiceReceiptDate	ther					
	PaymentTermsBasisDate	date	0	1			
	The date from which payment terms or discounts are calculated or based.						
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MN the month and "DD" the day.	1"					
	TermsNetDays	integer	0	1			
	The number of days until the total invoice amount is due (discount not applicable						
	PercentOfInvoicePayable	decimal	0	1			
	The amount of an invoice payable expressed as a percentage.						
	<u>Discounts</u>		0	1			
	The monetary amount allowed or applied as a credit against a transaction or balance.						
	<u>Deferred</u>		0	1			
	The terms for a deferred payment in relation to a transaction.						
	Penalty	string	0	1			
	A percentage used to calculate the penalty on any balance unpaid by the due da	te.					
parent(s)	<u>OrderResponseLineItem</u>						
	<u>OrderResponseProperties</u>						
	<u>OrderResponseSubLineItem</u>						

PostalCountry

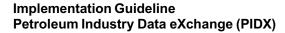
The country code indicating the country to which mail should be delivered.

note

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level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	М	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

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PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	Measurement	decimal	0	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	<u>Pricing</u>			

Pricing

A collection of elements detailing price information.

	• • • • • • • • • • • • • • • • • • • •			
note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>UnitPrice</u>		M	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseSubLineItem</u>			

PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

The earlier of code indicating the earlier of the framework.								
note								
level	<u>OrderResponseProperties</u>							
children	Name	Туре	Use	Max				
	CurrencyCode	string	М	1				
	A code indicating the currency in which the monetary amount is specified.							
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.							
parent(s)	<u>OrderResponseProperties</u>							

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PurchaseOrderInformation

A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.

note				
level	<u>OrderResponseProperties</u>			
children	Name	Туре	Use	Ma
	PurchaseOrderNumber	string	M	1
	A unique identifier for an Order Create message.			
	PurchaseOrderIssuedDate	date	0	1
	The date upon which an order was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, the month and "DD" the day.	"MM"		
	PurchaseOrderTypeCode	string	0	1
	A code indicating the kind of purchase order.			
	Confirmation	ncyOrder		
	ReleaseOrDeliveryOrder Ru	ıshOrder		
	StandAloneOrder			
	SupplyOrServiceOrder	Other		
	ReleaseNumber	string	0	1
	A number identifying a release against a purchase order previously placed to parties involved in the transaction. It is the equivalent to a work order number			
	SalesOrderNumber	string	0	1
	The identifier assigned by a supplier to an order placed by a customer.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is in its entirety to replace an earlier version.	resent		
parent(s)	OrderResponseProperties			

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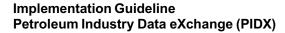


ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, bu	ut not both	١.
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber	string	М	1
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseProperties</u>			
	OrderResponseSubLineItem			







attributes	Name		Type	Use	Fixed
	referenceInformationIndicator		string	M	
	A code to identify what type of information is being referenced.				
attributes	AFENumber	BatchNumber			
	BillOfLading	Certification			
attributes	CertifiedInspectionTestResults				
	ConfigurationNumber				
	ContractNumber				
	CostAllocationReference	CostCenter			
	CustomerAccountingReference				
	CustomerReferenceNumber				
	DeliveryTicketNumber				
	DivisionIdentifier				
	EngineeringChangeOrderNumber	JobNumber			
	LetterOfCreditNumber				
	LocationNumber				
	MaterialSafetyDataSheet				
	OperatorGeneralLedgerCode				
	OriginalInvoiceNumber				
	PriceAreaNumber	ProjectNumber			
	ProposalNumber	QuoteNumber			
	RequestForQuotationNumber				
	TemplateNumber				
	Other				

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SecondCurrency

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	<u>OrderResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderResponseProperties</u>			

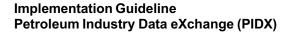
ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>
parent(s)	<u>OrderResponseLineItem</u>
	<u>OrderResponseProperties</u>
	<u>OrderResponseSubLineItem</u>

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attributes	Name		Туре	Use	Fixed
	dateTypeIndicator		string	M	
	A code to identify which date being given.				
	ArriveLocationDate	InvoiceDueDate			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart	ShipDate			
	Other				

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SpecialInstructions

A free-form textual description of special requirements.

note					
level	<u>OrderResponseProperties</u>				
	<u>OrderResponseDetails</u>				
parent(s)	<u>OrderResponseLineItem</u>				
	<u>OrderResponseProperties</u>				
	<u>OrderResponseSubLineItem</u>				
attributes	Name		Туре	Use	Fixed
	instructionIndicator		string	0	
	A code to identify the type of instruction being given.				
	CarrierInstructions				
	ConsigneeInstructions				
	DriverInstructions				
	EmptyReturnInstructions				
	InspectionInstructions				
	RoutingInstructions				
	ShipperInstructions	ShortLeadTime			
	Tolerances				
	Other				

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>OrderResponseDetails</u>

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	TaxTypeCode A code indicating the kind of tax being applied. CitySalesTax CountyParishSalesTax FederalExciseTax GoodsAndServicesTax	CountyTax	string	М	
	CitySalesTax CountyParishSalesTax FederalExciseTax	CountyTax		IVI	1
	CountyParishSalesTax FederalExciseTax	CountyTax			
	FederalExciseTax	CountyTax			
	GoodsAndServicesTax				
	GrossReceiptsTax	LocalTax			
I	MetropolitanTransitTax				
	StateAndLocalSalesTax				
	StateProvincialTax	StateSalesTax			
	ValueAddedTax	VellServiceTax			
	Other				
	MixedRateIndicator		string	0	1
	A mixed rate VAT tax indicator. This is used for European tax purpose	es.			
	TaxIdentifierNumber		string	0	1
	A unique number or code issued to an organization by a governmenta regulatory body identifying that entity for tax purposes.	l or			
	TaxExemptCode		string	0	1
	A code identifying exemption status from sales and use tax.				
	DirectPay	Exempt			
	NonExempt	Other			
	<u>TaxLocation</u>			0	1
	The physical or deemed location at which tax is calculated based upor by a governmental or regulatory body.	n jurisdiction			
	TaxRate		decimal	0	1
	The percentage or monetary amount charged on a transaction.				
	TaxBasisAmount			0	1
	The monetary amount which is subject to tax.				
	TaxAmount			0	1
	The monetary amount of the tax. TaxReference		string	0	1

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TaxAmount

The monetary amount of the tax.

<u>OrderResponseDetails</u>			
Name	Туре	Use	Max
MonetaryAmount	decimal	M	1
The currency value of a transaction or item.			
CurrencyCode	string	0	1
A code indicating the currency in which the monetary amount is specified.			
Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
<u>Tax</u>			
	Name MonetaryAmount The currency value of a transaction or item. CurrencyCode A code indicating the currency in which the monetary amount is specified. Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.	Name MonetaryAmount The currency value of a transaction or item. CurrencyCode A code indicating the currency in which the monetary amount is specified. Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.	Name MonetaryAmount The currency value of a transaction or item. CurrencyCode A code indicating the currency in which the monetary amount is specified. Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.

TaxBasisAmount

The monetary amount which is subject to tax.

	mount which is subject to tax.			
note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

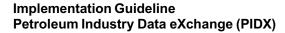
A collection of elements detailing tax information about a partner.

note	
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

. ,	, , , , ,		, ,	
note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	PhoneNumber	string	M	1
	A numerical sequence to reach a telephone attached to a communication ne	twork.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixe
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		
	Other			

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TotalAmount

The total monetary amount of an order.

note				
level	<u>OrderResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			

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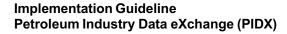
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderResponseSummary</u>			

TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.			
level	<u>OrderResponseProperties</u>			
	<u>OrderResponseDetails</u>			







	Name		Type	Use	Ma
	ShipmentMethodOfPayment		string	M	1
	A code indicating payment terms for transportation charges.	0.111			
	Collect	Collect-			
	FreightCreditedBackToCustomer				
	CustomerPickupBackhaul	Pickup			
		Prepaid-			
		eFreight-			
	<u> </u>	PartyPay			
	Other				
	RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment movement	ent.	string	0	•
	OriginCarrier-AirMotorOcean				
	OriginDeliveryCarrier-AnyMode				
	Other				
	TransportMethodCode A code indicating the mode of transportation used to move product.		string	0	
	Air	rExpress			
		BestWay-			
	ShippersOption	Boat			
		tedTruck			
	Motor-CommonCarrier	Ocean			
	ParcelPost	Rail			
	SupplierTruck	Truck			
	Vessel	Other		_	
	PartnerInformation A collection of elements detailing partner information.			0	1
	Location A collection of elements giving details about a location.			0	1
	ShipmentTermsCode A code indicating the terms under which a product is shipped, such as Freig Prepaid, FOB or similar.	jht	string	0	•
	Routing A free-form description of the shipping route to be provided for transportatio product.	n of	string	0	

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	A code indicating the level of service required.			
	HazardousMaterials A collection of elements conveying hazardous goods information related to a product.		0	1
	CarrierEquipmentCode A code indicating the kind of equipment parent(s) the carrier.	string	0	1
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>OrderResponseLineItem</u>			
	<u>OrderResponseProperties</u>			
	<u>OrderResponseSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>OrderResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

1 1 1	or referencing a wear, each as air ever number.				
note					
level	<u>OrderResponseProperties</u>				
	<u>OrderResponseDetails</u>				
parent(s)	WellInformation				
attributes	Name		Туре	Use	Fixed
	wellIdentifierIndicator		string	0	
	A code to indicate the origin of the Well Identifier.				
	Number	CustomerNumber	ł		
	UWINumber				
	Other				

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WellInformation

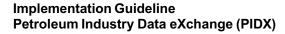
A collection of elements detailing information about a well.

note	
level	<u>OrderResponseProperties</u>
	<u>OrderResponseDetails</u>

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children	Name		Туре	Use	Ма
	WellIdentifier		string	М	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.		-		
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
parent(s)	JobLocationInformation				

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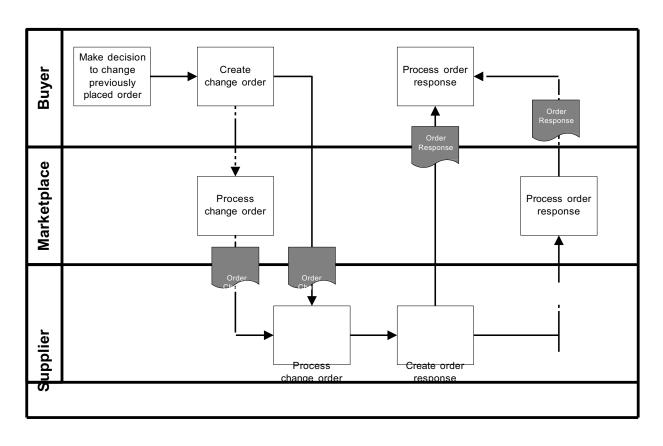




11.0 Order Change

11.1 Business Process Diagram

Below is the Business Process Diagram for the Order Change transaction, using either a B2B or Marketplace model. Solid lines indicate transactions between a Buyer and Seller directly. Dashed lines illustrate the transactions between the Buyer and Seller via a Marketplace. These are not the only two methods in which the process can take place, however, they represent the two primary processes. Third parties other than a Marketplace may be involved if necessary.



B2B Model - A Buyer or buying organization makes a decision to change parts of a previously placed order. A change order is created and sent to the Seller. The Seller processes the change order and sends a response to the Buyer either accepting or denying the changes.

Buyer to Supplier through a Marketplace

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Buyer to Supplier Direct •

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Marketplace Model - A Buyer or buying organization makes a decision to change parts of a previously placed order. A change order is created on a Marketplace and sent to the Seller. The Seller processes the order and sends a response to the Buyer through the Marketplace either accepting or denying the terms of the order.

The Order Change document is used when a Buyer wishes to alter a previously placed purchase order. The Buyer should send only the changes on the Order Change. If the order is to be cancelled, the Order Change can be used by canceling every line item on the order.

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11.2 Legend to Tables

The following tables detail the elements and attributes that make up the Order Change. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (2)
A collection of elements detailing information about a telephone number.

(3) note				
level	OrderCreateProperties OrderCreateDetails			
children	PHoneNumber 6 7	Type	Use M	Max 1
	A numerical sequence to reach a telephone attached to a communication network. PhoneNumberExtension An extension number that is needed to further identify the phone number.	string	0	1
	TelecomCountryCode The dialing code from another country to access the telephone network in	string	0	1
	another country. TelecomAreaCode	string	o	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	Contact (n90) rmation			
attributes	Name 10 telephoneIndicator	Type string	Use O	Fixed
	A code to indicate the type of phone number being given.			
	Fax Mobi	е		
	Pager Voice	e		
	Other			

Leg	Legend			
1	The name of the element.			
2	The definition of the element.			
3	Contains any business rules or comments about the element			
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document			
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.			
6	Indicates the data type of the element.			
7	Indicates whether the element is mandatory (M) or optional (O).			
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)			
9	Indicates the parent element of the element.			

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10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

11.3 Document Detail

OrderChange

The root element of the Order Change message. It is used to make changes to a previously placed order.

note				
children	Name	Туре	Use	Max
	<u>OrderChangeProperties</u>		M	1
	A collection of elements defining the change order "meta-data" or "common data".			
	<u>OrderChangeDetails</u>		M	1
	A collection of elements defining the details of the Order Create message.			
	<u>OrderChangeSummary</u>		M	1
	A collection of elements detailing the totals of the change order.			
attributes	Name	Туре	Use	Fixe
	transactionPurposeIndicator	string	M	
	A code indicating the purpose of the transaction.			
	Add	1		
	Cancellation Chang	е		
	Confirmation	е		
	Duplicate Original	al		
	Replace	st		
	Other			
	version	decimal	M	1.0
	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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OrderChangeProperties

A collection of e	elements defining the change order "meta-data" or "common data".
note	

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children	Name	Туре	Use	Ma
	OrderChangeNumber	string	М	1
	A unique identifier for an Order Change message.			
	OrderChangeDate	date	M	1
	The date upon which a change order was created or deemed to have been issued			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PurchaseOrderInformation</u>		М	1
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>PartnerInformation</u>		М	1
	A collection of elements detailing partner information.			
	SequenceNumber	string	0	1
	A number to identify the change or revision against an order. The first change submitted for an order would have a value of 1, the second 2, and so on.			
	SpecialInvoicePreference	string	0	1
	A code indicating any special invoice requirements.			
	InvoiceNotRequired			
	Other			
	<u>PrimaryCurrency</u>		0	1
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		0	1
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	LanguageCode	string	0	1
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	<u>ServiceDateTime</u>	datetime	0	ι
	The actual and/or schedule dates for a service.			
	<u>CountryOfOrigin</u>		0	1
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	1
	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	1
	A code indicating the mode of transportation used to move product.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	CreditCardInformation		0	1
	A collection of elements defining the details of a credit card.			
	<u>SpecialInstructions</u>	string	0	ι
	A free-form textual description of special requirements.			
	ReferenceInformation Page 398 of 828		0	ι
	A collection of elements detailing references to information that reside outside of			

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	the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>OrderChange</u>			

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OrderChangeDetails

A collection of elements defining the details of the Order Create message.

note				
children	Name	Туре	Use	Max
	<u>OrderChangeLineItem</u>		М	U
	A collection of elements defining the details of the line items making up the change order.			
parent(s)	<u>OrderChange</u>			

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OrderChangeL	_ineltem
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noto	
note	

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children	Name	Туре	Use	Ma
	LineItemNumber	string	M	1
	A sequential individual line identifier within a document containing service or item information.			
	ItemDetailChangeCode	string	М	1
	A code identifying the type of change to the line item.	ŭ		
	Add Delete			
	ModifyPrice ModifyQuantity	,		
	ModifyLocation ModifyPartner			
	ModifyPaymentTerms			
	ModifyTransportInformation			
	ModifyScheduleDates ModifyOther	r		
	<u>LineItemInformation</u>		M	
	A collection of elements detailing identifying information about a line item.			
	<u>OrderQuantity</u>		М	
	The number of units of an item or service ordered.			
	<u>CommodityCode</u>	string	0	ı
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	PurchaseOrderLineItemNumber	string	0	
	A sequential individual line identifier within a purchase order document containing product or item information.			
	PurchaseOrderInformation		0	
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>PartnerInformation</u>		0	
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	Pricing		Ο	
	A collection of elements detailing price information.			
	AllowanceOrCharge		0	
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	
	A collection of elements detailing information about tax applied to a transaction.			
	<u>LineItemTotal</u>		0	
	The net total monetary amount for the line item.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
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	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	1
	A code indicating the mode of transportation used to move product.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	CreditCardInformation		0	1
	A collection of elements defining the details of a credit card.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	U
	A code indicating the marking, packaging, loading and related characteristics being described.			
	PackageSpecifications			
	ProductMarking SkidPalletType	9		
	TypeOfPackage Other	r		
	PackagingCharacteristicDescription	string	0	U
	Free-form text providing any additional information associated with the Packaging Characteristic Code.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	Attachment		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
	<u>OrderChangeSubLineItem</u>		0	U
	A collection of elements defining the details of the sub line items of a change order. It is used if a line item needs to be broken down into further detail.			
parent(s)	<u>OrderChangeDetails</u>			

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OrderChangeSubLineItem

A collection of elements defining the details of the sub line items of a change order. It is used if a line item needs to be broken down into further detail.

note		

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children	Name		Туре	Use	Ma
	SubLineItemNumber		string	M	1
	The sub-line item number relating to the primary line item reference	ed in the			
	message.		-4-1		
	ItemDetailChangeCode		string	М	1
	A code identifying the type of change to the line item.	Dalata			
	Add ModifyPrice	Delete ModifyQuantity			
	ModifyLocation	ModifyPartner			
	ModifyPaymentTerms	WoullyPartile			
	ModifyTransportInformation				
	ModifyScheduleDates	ModifyOther			
	LineItemInformation	WodifyOther		М	1
		o itom		IVI	
	A collection of elements detailing identifying information about a line OrderQuantity	e item.		М	1
	The number of units of an item or service ordered.			IVI	
	CommodityCode		string	0	ι
	A code indicating the categorization of a product or service in accorparticular standard.	rdance with a	sumg	J	•
	PurchaseOrderSubLineItemNumber		string	0	1
	A sequential individual sub-line identifier within an Order Create do containing product or item information that relates back to a parent		3		
	PurchaseOrderInformation PurchaseOrderInformation			0	1
	A collection of elements containing relevant purchase order information needs to be referenced within other documentation and/or message				
	<u>PartnerInformation</u>			0	ι
	A collection of elements detailing partner information.				
	<u>JobLocationInformation</u>			0	1
	A collection of elements giving details of a job location.				
	Pricing			0	1
	A collection of elements detailing price information.				
	AllowanceOrCharge			0	ι
	A collection of elements defining the details of an allowance or charcustomer.	rge to the			
	<u>Tax</u>			0	ι
	A collection of elements detailing information about tax applied to a	transaction.			
	<u>LineItemTotal</u>			0	1
	The net total monetary amount for the line item.				
	<u>ServiceDateTime</u>		datetime	0	ι
	The actual and/or schedule dates for a service.				
	<u>CountryOfOrigin</u>			0	1
	The country where product originates or is deemed to have originat	ed.			
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<u>CountryOfFinalDestination</u>		0	1
The country where product is ultimately delivered or is deemed to have been delivered.			
<u>TransportInformation</u>		0	1
A code indicating the mode of transportation used to move product.			
<u>PaymentTerms</u>		0	1
A collection of elements detailing payment terms information.			
CreditCardInformation		0	1
A collection of elements defining the details of a credit card.			
<u>SpecialInstructions</u>	string	0	U
A free-form textual description of special requirements.			
PackagingCharacteristicCode	string	0	U
A code indicating the marking, packaging, loading and related characteristics being described.	g		
PackageSpecifications			
ProductMarking SkidPalletTy	pe		
TypeOfPackage Oth	er		
TypeOfPackage Oth PackagingCharacteristicDescription	er string	0	U
,		0	U
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging		0	U
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code.			
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of			
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message.		0	U
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment		0	U
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment A collection of elements defining the details of an attachment to the document.	string	0	U
PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment A collection of elements defining the details of an attachment to the document. Comment	string	0	U

OrderChangeSummary

A collection of elements detailing the totals of the change order.

	gg			
note				
children	Name	Туре	Use	Max
	TotalLineItems	integer	M	1
	The total number of line items contained in a message.			
	<u>TotalAmount</u>		0	1
	The total monetary amount of an order.			
parent(s)	<u>OrderChange</u>			

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AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	Location			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>OrderChangeDetails</u>

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ChargeTotalAmount etary amount for the allowance or c ChargeRate unit of the allowance or charge. ChargePercent e or charge expressed as a percenta ChargeNumber assigned by a vendor referencing and ChargeTypeCode ying the kind of allowance or charge ment charge ment charge meseFee accharge Charge Charge	age. n allowance, promotion, deal being described. FuelSurc	string	0 0	1 1 1 1
ChargeRate Init of the allowance or charge. ChargePercent In or charge expressed as a percental ChargeNumber In assigned by a vendor referencing and ChargeTypeCode IngService IngService Inarge Ingental Indental	age. n allowance, promotion, deal being described. FuelSurc	string or string	0	1
Init of the allowance or charge. ChargePercent e or charge expressed as a percental chargeNumber assigned by a vendor referencing and ChargeTypeCode ying the kind of allowance or charge ingService tharge ment charge meseFee ascharge	n allowance, promotion, deal being described. FuelSurc	string or string	0	1
ChargePercent e or charge expressed as a percenta ChargeNumber assigned by a vendor referencing a ChargeTypeCode ying the kind of allowance or charge ingService harge ment charge inseFee acharge	n allowance, promotion, deal being described. FuelSurc	string or string	0	1
e or charge expressed as a percenta ChargeNumber assigned by a vendor referencing a ChargeTypeCode ying the kind of allowance or charge ngService harge ment charge nseFee scharge	n allowance, promotion, deal being described. FuelSurc	string or string	0	1
ChargeNumber assigned by a vendor referencing and ChargeTypeCode ying the kind of allowance or charge ingService tharge ment charge inseFee ischarge	n allowance, promotion, deal being described. FuelSurc	or string charge		
assigned by a vendor referencing and ChargeTypeCode ying the kind of allowance or charge ingService tharge inent charge inseFee is Charge	e being described. FuelSurc	or string charge		
ChargeTypeCode ying the kind of allowance or charge ngService harge ment charge nseFee	e being described. FuelSurc	string	o	1
ying the kind of allowance or charge ngService harge ment charge nseFee	FuelSurc Dis	charge	0	1
ngService harge ment charge nseFee	FuelSurc Dis			
harge ment charge nseFee cCharge	Dis			
harge ment charge nseFee cCharge		scount		
ment charge nseFee cCharge	Roj			
ment charge nseFee cCharge	Ro			
charge nseFee cCharge	Roj			
nseFee Charge	Ro			
Charge	Ro			
-		yalties		
Charge	MiscellaneousCharge PostageCha	harge		
nDirectBilling				
nVendorProvided		Other		
ndlingCode		string	0	
describes how a particular allowand	ce or charge should be handle	∍d.		
aidByCustomer				
ChargeDescription		string	0	
	allowance and charge data			
<u>ChargeQuantity</u>			0	
on which the allowance or charge is	based if it is different from the	Э		
r	PaidByCustomer rChargeDescription escription used to clarify the related their content. rChargeQuantity	PaidByCustomer *ChargeDescription escription used to clarify the related allowance and charge data I their content. *ChargeQuantity on which the allowance or charge is based if it is different from the	PaidByCustomer **ChargeDescription string escription used to clarify the related allowance and charge data their content.	PaidByCustomer **ChargeDescription string O escription used to clarify the related allowance and charge data I their content. **ChargeQuantity O on which the allowance or charge is based if it is different from the

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>OrderChangeDetails</u>			
parent(s)	AllowanceOrCharge			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

	·			
note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	M	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeTotalAmount

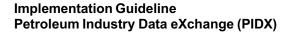
The total monetary amount for the allowance or charge.

note	
level	<u>OrderChangeDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>AllowanceOrCharge</u>			

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AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

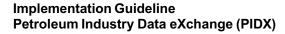
note					
level	<u>OrderChangeProperties</u>				
	<u>OrderChangeDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			
	StationCode	Telemail	l		
	Telex	TWX	1		
	Other				

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>OrderChangeProperties</u>
	<u>OrderChangeDetails</u>







children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			





Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	<u>OrderChangeDetails</u>			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencylndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixed
	contactIdentifierIndicator	string	0	
	A code to identify the origin of the contact identifier.			
	AssignedByBuyer			
	AssignedBySeller	mployeeID		
	Other			

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ContactInformation

A collection of elements defining details of communication for a contact person.

children	OrderChangeProperties OrderChangeDetails Name ContactIdentifier The identifier of the contact person or department. ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to rece AlternativeCommunicationMethod	•	Type string string string	Use O O	Max 1 1 1
children	ContactIdentifier The identifier of the contact person or department. ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to receive	•	string string string	0	1
children	ContactIdentifier The identifier of the contact person or department. ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to receive	•	string string string	0	1
	The identifier of the contact person or department. ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to receive	•	string string	0	1
	ContactName The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to receive	•	string	0	1
	The name of the contact person within the organization. ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to receive	•	string	0	1
	ContactDescription A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to rece	•	-		
	A free-form textual description of the contact. Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to rece	•	-		
	Telephone A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to rece	•	string	0	U
	A collection of elements detailing information about a tele EmailAddress The address assigned to a person or organization to rece	•	string	0	U
	EmailAddress The address assigned to a person or organization to rece	•	string		
	The address assigned to a person or organization to rece	ive electronic messages.	string		
		ive electronic messages.		0	1
	<u>AlternativeCommunicationMethod</u>				
			string	0	U
	Additional methods of communication, such as an IP Add addition to those specifically listed elsewhere in contact of				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			

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	se the codelist from ISO 3166·1:1997 Codes for the representation of names of countries and their subdisions-Part 1:Country Codes.
parent(s)	ncd >rr:topreLjp >tt >m
	OrderChan <u>oo</u> Prooerties
	OrderChanzSublineItem

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CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			

CreditCardInformation

A collection of elements defining the details of a credit card.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	CreditCardNumber	integer	М	1
	The number identifying the credit card account.			
	CardHolderName	string	0	1
	The name of the party to whom the credit card is registered.			
	CreditCardType	string	0	1
	The type of credit card as generally identified by financial institutions.			
	CreditCardExpirationDate	date	0	1
	The date upon which a credit card expires and is no longer valid.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	CardAuthorizationCode	string	0	1
	The authorization number assigned to a transaction against a credit card.			
	CardReferenceNumber	string	0	1
	A customer reference number which is used to enable transmission of customer specific information with the card.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			

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Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	Ο	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

	mount that is deterred for payment based upon terms in an invoice, contract or agree			
note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

DiscountAmount

The monetary amount of a discount based upon payment terms.

note	
level	<u>OrderChangeProperties</u>
	<u>OrderChangeDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

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Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	М	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

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GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	М	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	GeographicalInformation			

HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note	
HOLO	

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level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

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HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or Haz required.	ardousMateri	alDescript	ion is
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

JobLocationIdentifier

A unique identifier referencing the job location.

•	• ,				
note					
level	<u>OrderChangeProperties</u>				
	<u>OrderChangeDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing.				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

nc	ote	
lev	vel	<u>OrderChangeProperties</u>
		<u>OrderChangeDetails</u>

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iob location. s active or inactive. rmation about a wel	I. ted. CivilH	string string Active	O	1
s active or inactive.	I. ted. CivilH	string string Active	O	1
s active or inactive.	I. ted. CivilH	string string Active	O	1
s active or inactive.	ted.	string Active	O	1
s active or inactive.	ted.	string Active	O	1
s active or inactive.	ted.	Active		
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rmation about a wel	ted.		o	1
	ted.		0	1
	ted.	string	0	1
	ted.	string	0	1
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	CivilH			
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		Piping		
	Towe	erVessel		
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ographical location.				
				s of an address.

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

<u>OrderChangeDetails</u>				
<u>LineItemInformation</u>				
Name		Туре	Use	Fixed
identifierIndicator		string	M	
A code to indicate the origin of the identifier.				
AssignedByBuyer				
AssignedByManufacturer				
AssignedBySeller				
CatalogueNumber	UPCNumber	-		
Other				
	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type identifierIndicator string A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type Use identifierIndicator string M A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	•			
note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>OrderChangeLineItem</u>
	<u>OrderChangeSubLineItem</u>

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Location

A collection of elements giving details about a location.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPoi	nt		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	М	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	М	1
	The largest measurement in a given range.			

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parent(s)

PriceBasis

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OrderQuantity

The number of units of an item or service ordered.

note				
level	<u>OrderCreateDetails</u>			
	<u>OrderResponse</u>			
	<u>OrderResponseDetails</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	М	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeSubLineItem</u>			
	<u>OrderCreateLineItem</u>			
	<u>OrderCreateSubLineItem</u>			
	<u>OrderResponseLineItem</u>			
	<u>OrderResponseSubLineItem</u>			

PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	<u>OrderChangeProperties</u>				
	<u>OrderChangeDetails</u>				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber			
	DUNS+4Number	Other			

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PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Ма
	<u>PartnerIdentifier</u>	string	М	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	ι
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			
	TransportInformation			





attributes	Name	Type	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least on DaysDue is required.	e of DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Per	centOfInvoicePaya	able is re	quired
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Type	Use	Max
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate Invoice	ceDate		
	InvoiceReceiptDate	Other		
	PaymentTermsBasisDate	date	0	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "I the month and "DD" the day.	MM"		
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applica	ble).		
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		0	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		0	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	0	1
	A percentage used to calculate the penalty on any balance unpaid by the due	date.		
parent(s)	<u>OrderChangeLineItem</u>			
(0)	OrderChangeProperties			

PostalCountry

The country code indicating the country to which mail should be delivered.

note

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level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	М	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>AddressInformation</u>			

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PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	Measurement	decimal	0	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	Pricing			

Pricing

A collection of elements detailing price information.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	<u>UnitPrice</u>		M	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeSubLineItem</u>			

PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

	sac management and contents to be accurate and annual contents			
note				
level	<u>OrderChangeProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderChangeProperties</u>			

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PurchaseOrderInformation

A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.

note				
level	<u>OrderChangeProperties</u>			
children	Name	Туре	Use	Ma
	PurchaseOrderNumber	string	M	1
	A unique identifier for an Order Create message.			
	PurchaseOrderlssuedDate	date	0	1
	The date upon which an order was created or deemed to have been issu	ied.		
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year the month and "DD" the day.	ear, "MM"		
	PurchaseOrderTypeCode	string	0	1
	A code indicating the kind of purchase order.			
	Confirmation	gencyOrder		
	ReleaseOrDeliveryOrder	RushOrder		
	StandAloneOrder			
	SupplyOrServiceOrder	Other		
	ReleaseNumber	string	0	1
	A number identifying a release against a purchase order previously place parties involved in the transaction. It is the equivalent to a work order nur			
	SalesOrderNumber	string	0	1
	The identifier assigned by a supplier to an order placed by a customer.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message in its entirety to replace an earlier version.	is resent		
parent(s)	<u>OrderChangeProperties</u>			

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ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, b	ut not both	
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber	string	M	1
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			





referenceInformationIndicator A code to identify what type of information is being referenced. AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber RequestForQuotationNumber TemplateNumber Other		referenceInformationIndicator				
AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber				string	M	
BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber TemplateNumber		A code to identify what type of information is being referenced.				
CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber		AFENumber	BatchNumber			
ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber		BillOfLading	Certification			
ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber		CertifiedInspectionTestResults				
CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber ProposalNumber RequestForQuotationNumber TemplateNumber		ConfigurationNumber				
CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		ContractNumber				
CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		CostAllocationReference	CostCenter			
DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		CustomerAccountingReference				
DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		CustomerReferenceNumber				
EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		DeliveryTicketNumber				
LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		DivisionIdentifier				
LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		EngineeringChangeOrderNumber	JobNumber			
MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		LetterOfCreditNumber				
OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		LocationNumber				
OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		MaterialSafetyDataSheet				
PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		OperatorGeneralLedgerCode				
ProposalNumber RequestForQuotationNumber TemplateNumber		OriginalInvoiceNumber				
RequestForQuotationNumber TemplateNumber		PriceAreaNumber	ProjectNumber			
TemplateNumber		ProposalNumber	QuoteNumber			
		RequestForQuotationNumber				
Other		TemplateNumber				
		Other				





SecondCurrency

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	<u>OrderChangeProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>OrderChangeProperties</u>			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	<u>OrderChangeProperties</u>
	<u>OrderChangeDetails</u>
parent(s)	<u>OrderChangeLineItem</u>
	<u>OrderChangeProperties</u>
	<u>OrderChangeSubLineItem</u>





Name		Туре	Use	Fixed
dateTypeIndicator		string	M	
A code to identify which date being given.				
ArriveLocationDate	InvoiceDueDate			
InvoicePeriodStartDate				
LeaveLocationDate				
PromisedForDelivery				
PromisedForShipment				
RequestedForDelivery				
RequestedForShipment				
ServicePeriodEnd				
ServicePeriodStart	ShipDate			
Other				
	dateTypeIndicator A code to identify which date being given. ArriveLocationDate InvoicePeriodStartDate LeaveLocationDate PromisedForDelivery PromisedForShipment RequestedForDelivery RequestedForShipment ServicePeriodEnd ServicePeriodStart	dateTypeIndicator A code to identify which date being given. ArriveLocationDate InvoicePeriodStartDate LeaveLocationDate PromisedForDelivery PromisedForShipment RequestedForDelivery RequestedForShipment ServicePeriodEnd ServicePeriodStart ShipDate	dateTypeIndicator A code to identify which date being given. ArriveLocationDate InvoicePeriodStartDate LeaveLocationDate PromisedForDelivery PromisedForShipment RequestedForDelivery RequestedForShipment ServicePeriodEnd ServicePeriodStart ShipDate	dateTypeIndicator A code to identify which date being given. ArriveLocationDate InvoicePeriodStartDate LeaveLocationDate PromisedForDelivery PromisedForShipment RequestedForDelivery RequestedForShipment ServicePeriodEnd ServicePeriodStart ShipDate

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SpecialInstructions

A free-form textual description of special requirements.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	instructionIndicator	string	0	
	A code to identify the type of instruction being given.			
	CarrierInstructions			
	ConsigneeInstructions			
	DriverInstructions			
	EmptyReturnInstructions			
	InspectionInstructions			
	RoutingInstructions			
	ShipperInstructions	rtLeadTime		
	Tolerances			
	Other			





Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>OrderChangeDetails</u>





	CountyTax LocalTax StateSalesTax dellServiceTax es.	string	О	1
SalesTax ntyParishSalesTax eralExciseTax dsAndServicesTax ssReceiptsTax ropolitanTransitTax eAndLocalSalesTax eProvincialTax seAddedTax weaddedTax weaddedTax for edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose induce number or code issued to an organization by a governmental sulatory body identifying that entity for tax purposes.	LocalTax StateSalesTax /ellServiceTax	string	0	1
ntyParishSalesTax eralExciseTax dsAndServicesTax esReceiptsTax ropolitanTransitTax eAndLocalSalesTax eProvincialTax eAddedTax were edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber nique number or code issued to an organization by a governmental elatory body identifying that entity for tax purposes.	LocalTax StateSalesTax /ellServiceTax	string	O	1
eralExciseTax dsAndServicesTax ssReceiptsTax ropolitanTransitTax eAndLocalSalesTax eProvincialTax seAddedTax weledRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose identifierNumber nique number or code issued to an organization by a governmental allatory body identifying that entity for tax purposes.	LocalTax StateSalesTax /ellServiceTax	string	o	1
dsAndServicesTax ssReceiptsTax ropolitanTransitTax eAndLocalSalesTax eProvincialTax seAddedTax were edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber nique number or code issued to an organization by a governmental solution of the code in the code is sued to the code is the c	StateSalesTax /ellServiceTax ss.	string	0	1
eAndLocalSalesTax eAndLocalSalesTax eProvincialTax seAddedTax Were edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber nique number or code issued to an organization by a governmental sulatory body identifying that entity for tax purposes.	StateSalesTax /ellServiceTax ss.	string	o	1
ropolitanTransitTax eAndLocalSalesTax eProvincialTax seAddedTax weAddedTax were edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber inique number or code issued to an organization by a governmental selatory body identifying that entity for tax purposes.	StateSalesTax /ellServiceTax ss.	string	o	1
eAndLocalSalesTax eProvincialTax seAddedTax Were edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber nique number or code issued to an organization by a governmental selatory body identifying that entity for tax purposes.	/ellServiceTax	string	0	1
eProvincialTax BeAddedTax We redRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber nique number or code issued to an organization by a governmental allatory body identifying that entity for tax purposes.	/ellServiceTax	string	o	1
ueAddedTax Were edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber inique number or code issued to an organization by a governmental illatory body identifying that entity for tax purposes.	/ellServiceTax	string	0	1
edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber inque number or code issued to an organization by a governmental illatory body identifying that entity for tax purposes.	\$:S.	string	o	1
edRateIndicator ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber inque number or code issued to an organization by a governmental illatory body identifying that entity for tax purposes.	es. •	string	0	1
ixed rate VAT tax indicator. This is used for European tax purpose IdentifierNumber nique number or code issued to an organization by a governmental allatory body identifying that entity for tax purposes.	es. •	string	0	1
IdentifierNumber nique number or code issued to an organization by a governmental allatory body identifying that entity for tax purposes.	es. •	3		- 1
IdentifierNumber nique number or code issued to an organization by a governmental allatory body identifying that entity for tax purposes.	\$			
nique number or code issued to an organization by a governmental latory body identifying that entity for tax purposes.		string	0	1
	or	.		
	5	string	0	1
ode identifying exemption status from sales and use tax.		_		
ctPay	Exempt			
•	Other			
Location			0	1
he physical or deemed location at which tax is calculated based upon jurisdiction y a governmental or regulatory body.				
		decimal	0	1
percentage or monetary amount charged on a transaction.				
			0	1
•			0	1
			•	•
monotary amount of the tax.		string	0	1
Reference				
c c c c c c c c c c c c c c c c c c c	a governmental or regulatory body. (Rate e percentage or monetary amount charged on a transaction. (BasisAmount e monetary amount which is subject to tax. (Amount e monetary amount of the tax.	chocation e physical or deemed location at which tax is calculated based upon jurisdiction a governmental or regulatory body. create e percentage or monetary amount charged on a transaction. create e monetary amount which is subject to tax. create e monetary amount which is subject to tax. create e monetary amount of the tax.	chocation e physical or deemed location at which tax is calculated based upon jurisdiction a governmental or regulatory body. create decimal	chocation a physical or deemed location at which tax is calculated based upon jurisdiction a governmental or regulatory body. create decimal or experimental or monetary amount charged on a transaction. created a monetary amount which is subject to tax. created a monetary amount of the tax.

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TaxAmount

The monetary amount of the tax.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	<u>OrderChangeProperties</u>
	<u>OrderChangeDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>OrderChangeProperties</u>			
	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	PhoneNumber	string	М	1
	A numerical sequence to reach a telephone attached to a communication ne	twork.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixed
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		
	Other			

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TotalAmount

The total monetary amount of an order.

note				
level	<u>OrderChangeSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			

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		CurrencyCode	string	0	1
		A code indicating the currency in which the monetary amount is specified.			
		Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
pa	arent(s)	<u>OrderChangeSummary</u>			

TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>OrderChangeProperties</u>
	<u>OrderChangeDetails</u>





Name		Type	Use	Ma
ShipmentMethodOfPayment		string	M	1
A code indicating payment terms for transportation charges.				
Collect	Collect-			
FreightCreditedBackToCustomer				
CustomerPickupBackhaul	Pickup			
PrepaidBySeller	Prepaid-			
ChargedToCustomer	ServiceFreight-			
NoCharge	ThirdPartyPay			
Other				
RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment r	novement.	string	0	1
OriginCarrier-AirMotorOcean				
OriginDeliveryCarrier-AnyMode				
Other				
TransportMethodCode A code indicating the mode of transportation used to move product.		string	0	1
Air	AirExpress			
Barge	BestWay-			
ShippersOption	Boat			
• • •	ExpeditedTruck			
CustomerPickup				
Motor-CommonCarrier	Ocean			
ParcelPost	Rail			
SupplierTruck	Truck			
Vessel	Other			
	00.			
PartnerInformation A collection of elements detailing partner information.	o and	ı	0	U
<u>PartnerInformation</u>	Julio		0	U
PartnerInformation A collection of elements detailing partner information. Location		string		
PartnerInformation A collection of elements detailing partner information. Location A collection of elements giving details about a location. ShipmentTermsCode A code indicating the terms under which a product is shipped, such a Prepaid, FOB or similar.		string	0	U
PartnerInformation A collection of elements detailing partner information. Location A collection of elements giving details about a location. ShipmentTermsCode A code indicating the terms under which a product is shipped, such a	as Freight		0	1

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	A code indicating the level of service required.			
	HazardousMaterials A collection of elements conveying hazardous goods information related to a product.		0	1
	CarrierEquipmentCode A code indicating the kind of equipment parent(s) the carrier.	string	0	1
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>OrderChangeLineItem</u>			
	<u>OrderChangeProperties</u>			
	<u>OrderChangeSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>OrderChangeDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

	or reference g a free, each ac air ever nameer.				
note					
level	<u>OrderChangeProperties</u>				
	<u>OrderChangeDetails</u>				
parent(s)	WellInformation				
attributes	Name		Туре	Use	Fixed
	wellIdentifierIndicator		string	0	
	A code to indicate the origin of the Well Identifier.				
	Number	CustomerNumber	1		
	UWINumber				
	Other				

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>OrderChangeProperties</u>
	<u>OrderChangeDetails</u>

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children	Name		Туре	Use	Ma
	WellIdentifier		string	М	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other				
parent(s)	<u>JobLocationInformation</u>				

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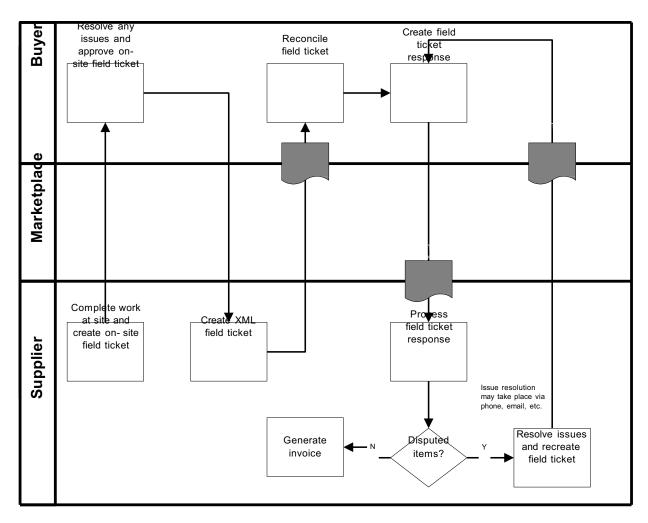




12.0 Field Ticket

12.1 Business Process Diagram

Below is the Business Process Diagram for the Field Ticket transaction. This is not the only method in which the process can take place, however, it represents a primary process. Third parties, including a Marketplace, may be involved if necessary.



Process Model - A Seller completes work at a customer site. An on-site field ticket is generated and given to the Buyer for approval. The Buyer approves the field ticket, indicating any changes that might be necessary on the field ticket. The seller uses the on-site field

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ticket information to create an XML field ticket and sends it to the Buyer. The Buyer processes the XML field ticket and sends a response accepting or disputing the field ticket information in whole or in part. Any disputes are handled by phone, email, etc. If necessary, once disputes are resolved, a corrected field ticket is generated and sent to the Buyer.

The Field Ticket document is used a record of the work done at a Buyer's site. Usually, an on-site field ticket is generated and approved. The XML Field Ticket document is generated after the fact as an electronic record of the field ticket information to be sent to the Buyer.

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Telephone

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12.2 Legend to Tables

The following tables detail the elements and attributes that make up the Field Ticket. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

(2)

A collection of elements detailing information about a telephone number. note OrderCreateProperties 4 level **OrderCreateDetails** children Use Max Туре (7)string PhoneNumber M 1 A numerical sequence to reach a telephone attached to a communication network. **PhoneNumberExtension** string 0 1 An extension number that is needed to further identify the phone number. **TelecomCountryCode** string 0 1 The dialing code from another country to access the telephone network in another country. TelecomAreaCode string 0 1 The area code within a country or jurisdiction, if needed, to access local telephones within the country. Contactingormation parent(s) attributes Name Use Fixed (10

Leg	Legend		
1	The name of the element.		
2	The definition of the element.		
3	Contains any business rules or comments about the element		
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document		
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.		
6	Indicates the data type of the element.		
7	Indicates whether the element is mandatory (M) or optional (O).		
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)		
9	Indicates the parent element of the element.		

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telephoneIndicator

Fax

Pager

Other

A code to indicate the type of phone number being given.

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o

Mobile

Voice





10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

12.3 Document Detail

FieldTicket

The root element of the Field Ticket message. It is used to send details of work completed during a specified time period.

children Name Ty FieldTicketProperties		Use	
		000	Ma
A collection of alcohold finite attack field tichet the standard on the management of the	ľ	М	1
A collection of elements defining the field ticket "meta-data" or "common data".			
<u>FieldTicketDetails</u>	P	М	1
A collection of elements defining the details of the Field Ticket message.			
<u>FieldTicketSummary</u>	P	М	1
A collection of elements detailing the totals of the field ticket.			
attributes Name Ty	rpe l	Use	Fixed
transactionPurposeIndicator str	ring	M	
A code indicating the purpose of the transaction.			
Add			
Cancellation			
Confirmation			
Duplicate Original			
Replace			
Other			
version de	ecimal	М	1.0
A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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ieldTicketProperties					
A collection of ele	ements defining the field ticket "meta-data" or "common data".				
note					

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hildren	Name	Type	Use	
	FieldTicketNumber	string	M	
	A unique identifier for a Field Ticket.			
	FieldTicketDate	date	М	
	The date upon which a field ticket was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		M	
	A collection of elements detailing partner information.			
	ApproverName	string	0	
	The name of the person who approved the document.			
	ApprovalDate	date	0	
	The date upon which the document was approved.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been delivered.			
	RevisionNumber	string	0	
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
	<u>PurchaseOrderInformation</u>		0	
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	PurchaseOrderLineItemNumber	string	0	
	A sequential individual line identifier within a purchase order document containing product or item information.			
	<u>PrimaryCurrency</u>		0	
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		0	
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	LanguageCode	string	0	
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	JobSummary	string	0	
	A free-form textual summary of the job.			
	<u>CountryOfOrigin</u>		0	
	The country where product originates or is deemed to have originated.			
	<u>TransportInformation</u>		0	
	A collection of elements detailing how product is transported. Page 465 of 828			
	PaymentTerms		0	
PIDX v.1	_0 ക്ലെട്രെയ്യാ of elements detailing payment terms information.	PIDX	v1.0 Sc	he





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	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>FieldTicket</u>			

FieldTicketDetails

A collection of elements defining the details of the Field Ticket message.

note					
children	Name Type	Use	Max		
	<u>FieldTicketLineItem</u>	M	U		
	A collection of elements defining the details of the line items making up the field ticket				
parent(s)	FieldTicket				





FieldTicketLineItem

note

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hildren	Name	Туре	Use	Max
	LineItemNumber	string	М	1
	A sequential individual line identifier within a document containing service or item information.			
	<u>LineItemInformation</u>		М	1
	A collection of elements detailing identifying information about a line item.			
	<u>FieldTicketQuantity</u>		М	1
	The number of units of an item or service consumed.			
	<u>CommodityCode</u>	string	0	U
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	PurchaseOrderSubLineItemNumber	string	0	1
	A sequential individual sub-line identifier within an Order Create document containing product or item information that relates back to a parent line item.			
	<u>PurchaseOrderInformation</u>		0	1
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>PersonnelInformation</u>		0	U
	A collection of elements detailing relevant personnel information.			
	<u>PartnerInformation</u>		0	U
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	<u>Pricing</u>		0	1
	A collection of elements detailing price information.			
	AllowanceOrCharge		0	U
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	1
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	1
	The net total monetary amount for the line item.			
	<u>ServiceDateTime</u>	datetime	0	U
	The actual and/or schedule dates for a service.			
	EquipmentIdentifier	string	0	U
	A unique identifier for a piece of equipment such as used for transportation of product.			
	EquipmentDescription	string	0	U
	A free-form textual description of carrier equipment.			
	<u>CountryOfOrigin</u>		0	1
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	1
	The country where product is ultimately delivered or is deemed to have been delivered. Page 469 of 828			

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	A code indicating the mode of transportation used to move product.				
	<u>PaymentTerms</u>			0	1
	A collection of elements detailing payment terms information.				
	<u>SpecialInstructions</u>		string	0	U
	A free-form textual description of special requirements.				
	PackagingCharacteristicCode		string	0	U
	A code indicating the marking, packaging, loading and related charact described.	teristics being			
	PackageSpecifications				
	ProductMarking	SkidPalletType			
	TypeOfPackage	Other			
	PackagingCharacteristicDescription		string	0	U
	Free-form text providing any additional information associated with the Characteristic Code.	e Packaging			
	ReferenceInformation			0	U
	A collection of elements detailing references to information that reside the current transaction message.	e outside of			
	<u>Attachment</u>			0	U
	A collection of elements defining the details of an attachment to the do	ocument.			
	Comment		string	0	1
	A free-form textual structure for general information or comments.				
	<u>FieldTicketSubLineItem</u>			0	U
	A collection of elements defining the details of the sub line items of a tis used if a line item needs to be broken down into further detail.	field ticket. It			
parent(s)	<u>FieldTicketDetails</u>				





FieldTicketSubLineItem

A collection of elements	defining the detail	ils of the sub line i	tems of a field ticket.	It is used if a line iter	m needs to be	broken down
into further detail.	-					

note		

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hildren	Name	Type	Use	Ma
	SubLineItemNumber	string	M	1
	The sub-line item number relating to the primary line item referenced in the message.			
	<u>LineItemInformation</u>		M	•
	A collection of elements detailing identifying information about a line item.			
	<u>FieldTicketQuantity</u>		M	
	The number of units of an item or service consumed.			
	<u>CommodityCode</u>	string	0	ı
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	PurchaseOrderSubLineItemNumber	string	0	
	A sequential individual sub-line identifier within an Order Create document containing product or item information that relates back to a parent line item.			
	<u>PurchaseOrderInformation</u>		0	
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>PersonnelInformation</u>		0	
	A collection of elements detailing relevant personnel information.			
	<u>PartnerInformation</u>		0	
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	<u>Pricing</u>		0	
	A collection of elements detailing price information.			
	<u>AllowanceOrCharge</u>		0	
	A collection of elements defining the details of an allowance or charge to the custo	mer.		
	<u>Tax</u>		0	
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	
	The net total monetary amount for the line item.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	EquipmentIdentifier	string	0	
	A unique identifier for a piece of equipment such as used for transportation of prod	uct.		
	EquipmentDescription	string	0	
	A free-form textual description of carrier equipment.			
	<u>CountryOfOrigin</u>		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been delive	ered.		
	<u>TransportInformation</u>		0	
	A code indicating the mode of transportation expeditors are product.			
	PaymentTerms 0 Schemas		0	

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	A collection of elements detailing payment terms information.				
	SpecialInstructions		string	0	U
	A free-form textual description of special requirements.				
	PackagingCharacteristicCode		string	0	U
	A code indicating the marking, packaging, loading and related characted described.	eristics being			
	PackageSpecifications				
	ProductMarking S	SkidPalletType			
	TypeOfPackage	Other			
	PackagingCharacteristicDescription		string	0	U
	Free-form text providing any additional information associated with the Characteristic Code.	e Packaging			
	ReferenceInformation			0	U
	A collection of elements detailing references to information that reside the current transaction message.	outside of			
	<u>Attachment</u>			0	U
	A collection of elements defining the details of an attachment to the do	ocument.			
	Comment		string	0	1
	A free-form textual structure for general information or comments.				
parent(s)	<u>FieldTicketLineItem</u>				

FieldTicketSummary

A collection of elements detailing the totals of the field ticket.

|--|

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children	Name	Туре	Use	Max
	TotalLineItems	integer	M	1
	The total number of line items contained in a message.			
	<u>AllowanceOrCharge</u>		0	U
	A collection of elements defining the details of an allowance or charge to the custo	mer.		
	<u>ShippingAmount</u>		0	U
	The monetary amount of shipping or freight charges.			
	<u>Tax</u>		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	<u>SubTotalAmount</u>		0	U
	The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.			
	<u>FieldTicketTotal</u>		Ο	1
	The total monetary amount of the field ticket.			
	<u>TermsDiscountAmount</u>		0	1
	The total monetary amount of the payment terms discount.			
	<u>DiscountedAmountDue</u>		0	1
	The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)			
parent(s)	FieldTicket			





AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>FieldTicketDetails</u>
	<u>FieldTicketSummary</u>

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children	Name	Туре	Use	Max
	<u>AllowanceOrChargeTotalAmount</u>		0	1
	The total monetary amount for the allowance or charge.			
	<u>AllowanceOrChargeRate</u>		0	1
	The rate per unit of the allowance or charge.			
	AllowanceOrChargePercent	decimal	0	1
	The allowance or charge expressed as a percentage.			
	AllowanceOrChargeNumber	string	0	1
	The identifier assigned by a vendor referencing an allowance, promotion, deal or charge.			
	AllowanceOrChargeTypeCode	string	0	1
	A code identifying the kind of allowance or charge being described.			
	Freight FuelSurcharg	е		
	SpecialHandlingService Discour	nt		
	FlatRate			
	EngineeringCharge			
	InvoiceAdjustment			
	InsuranceSurcharge			
	OneTimeLicenseFee Royaltic	s		
	MiscellaneousCharge PostageCharg	е		
	TrailerRentalCharge			
	TransportationDirectBilling			
	TransportationVendorProvided Other	er		
	MethodOfHandlingCode	string	0	1
	A code which describes how a particular allowance or charge should be handled.			
	OffInvoice			
	ChargeToBePaidByCustomer			
	Other			
	AllowanceOrChargeDescription	string	0	1
	A free form description used to clarify the related allowance and charge data elements and their content.			
	AllowanceOrChargeQuantity		0	1
	The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.			
parent(s)	<u>FieldTicketLineItem</u>			
	FieldTicketSubLineItem			
	<u>FieldTicketSummary</u>			

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>FieldTicketDetails</u>			
	<u>FieldTicketSummary</u>			
parent(s)	AllowanceOrCharge			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

<u>FieldTicketDetails</u>			
<u>FieldTicketSummary</u>			
Name	Туре	Use	Max
Quantity A numeric count of measure.	decimal	M	1
UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
Use values from the DE 355 code list contained in ASC X12 release 3030.			
AllowanceOrCharge			
	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	FieldTicketSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	FieldTicketSummary Name Type Use Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	FieldTicketDetails			
	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	0	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>AllowanceOrCharge</u>			

AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

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note				
level	<u>FieldTicketDetails</u>			
	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
	CurrencyCode	string	0	1

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	A code indicating the currency in which the monetary amount is specified.
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>AllowanceOrCharge</u>

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note					
level	<u>FieldTicketProperties</u>				
	<u>FieldTicketDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			
	StationCode	Telemail			
	Telex	TWX			
	Other				

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>FieldTicketProperties</u>
	<u>FieldTicketDetails</u>

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketProperties</u>			

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Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	<u>FieldTicketDetails</u>			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencyIndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note					
level	<u>FieldTicketProperties</u>				
	FieldTicketDetails				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

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ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at eith	er the Property or Detail	ievei, but i	not both.	
level	<u>FieldTicketProperties</u>				
	<u>FieldTicketDetails</u>				
children	Name		Туре	Use	Max
	ContactIdentifier		string	0	1
	The identifier of the contact person or department.				
	ContactName		string	0	1
	The name of the contact person within the organization.				
	ContactDescription		string	0	1
	A free-form textual description of the contact.				
	<u>Telephone</u>			0	U
	A collection of elements detailing information about a telepho	one number.			
	EmailAddress		string	0	1
	The address assigned to a person or organization to receive	e electronic messages.			
	<u>AlternativeCommunicationMethod</u>		string	0	U
	Additional methods of communication, such as an IP Addres addition to those specifically listed elsewhere in contact or a				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			

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	se the codelist from ISO 3166·1:1997 Codes for the representation of names of countries and their subdisions-Part 1:Country Codes.
parent(s)	fjt>ldljpkffll jpt>ttPm
	FieldTicket.Properties
	FieldlicketSublinetem

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CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketProperties</u>			
	<u>FieldTicketSubLineItem</u>			

Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>FieldTicketProperties</u>			
	FieldTicketDetails			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

DeferredAmount

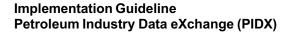
The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

note	
level	<u>FieldTicketProperties</u>
	FieldTicketDetails

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

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DiscountAmount

The monetary amount of a discount based upon payment terms.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

DiscountedAmountDue

The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)

	· · · · · · · · · · · · · · · · · · ·		,	
note				
level	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketSummary</u>			

Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note	
level	<u>FieldTicketProperties</u>
	<u>FieldTicketDetails</u>

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children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	PaymentTerms PaymentTerms			

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EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>FieldTicketProperties</u>			
	FieldTicketDetails			
children	Name	Туре	Use	Max
	FromDate	date	M	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	M	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

FieldTicketQuantity

The number of units of an item or service consumed.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	M	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketSubLineItem</u>			

FieldTicketTotal

The total monetary amount of the field ticket.

note				
level	FieldTicketSummary			
children	Name	Туре	Use	Max
	<u>MonetaryAmount</u>	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			

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parent(s) FieldTicketSummary

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GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	M	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	<u>GeographicalInformation</u>			

HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note	
HOLO	

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level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

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HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or Haz required.	ardousMateri	alDescript	ion is
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

JobLocationIdentifier

A unique identifier referencing the job location.

note					
level	FieldTicketProperties				
	<u>FieldTicketDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing.				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>FieldTicketProperties</u>
	<u>FieldTicketDetails</u>

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ationIdentifier e identifier referencing the job location. ationClassCode indicating the class of the job location. Waters faters ationDescription form textual description of the job location. ationStatus indicating whether a location is active or inactive. cormation tion of elements detailing information about a well. incategory indicating the kind of site on which the job is located.	Land StateWaters	string string string string	0 0	1 1
ationClassCode Indicating the class of the job location. Waters Vaters	Land StateWaters	string	0	1
Address of the job location. Waters Vaters ationDescription orm textual description of the job location. ationStatus Indicating whether a location is active or inactive. ormation tion of elements detailing information about a well. Category	Land StateWaters	string	0	1
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primation tion of elements detailing information about a well. Category		string	0	1
ormation tion of elements detailing information about a well. Category	Active			
ormation tion of elements detailing information about a well. Category	Active			
tion of elements detailing information about a well. Category				
tion of elements detailing information about a well. Category				
Category			0	1
Category				
indicating the kind of site on which the job is located.		string	0	1
		·		
	CivilHighways			
ssion	Condenser			
constructPiles	Dams			
changer				
	Piping			
sInformation			0	1
			0	1
ia	ialServiceMiscellaneous tion	Piping tion TowerVessel UndergroundStr ssInformation ction of elements defining the details of an address. aphicalInformation	Piping tion TowerVessel But to the UndergroundStruction of elements defining the details of an address. TowerVessel to the UndergroundStruction of elements defining the details of an address.	TowerVessel UndergroundStr ssInformation Cition of elements defining the details of an address. aphicalInformation O

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

note					
level	<u>FieldTicketDetails</u>				
parent(s)	<u>LineItemInformation</u>				
attributes	Name		Туре	Use	Fixed
	identifierIndicator		string	M	
	A code to indicate the origin of the identifier.				
	AssignedByBuyer				
	AssignedByManufacturer				
	AssignedBySeller				
	CatalogueNumber	UPCNumber			
	Other				

LineItemInformation

A collection of elements detailing identifying information about a line item.

	<u> </u>			
note				
level	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	<u>LineItemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	ManufacturerIdentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketSubLineItem</u>			

LineItemTotal

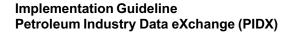
The net total monetary amount for the line item.

note				
level	FieldTicketDetails			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>FieldTicketLineItem</u>
	<u>FieldTicketSubLineItem</u>

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Location

A collection of elements giving details about a location.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPoint			
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	М	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	М	1
	The largest measurement in a given range.			

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parent(s)	PriceBasis	
1 (-)		

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PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	<u>FieldTicketProperties</u>				
	<u>FieldTicketDetails</u>				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	М	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber			
	DUNS+4Number				
	Other				

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PartnerInformation

A collection of elements detailing partner information.

note				
level	FieldTicketProperties			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketProperties</u>			
	<u>FieldTicketSubLineItem</u>			
	<u>TransportInformation</u>			





attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	М	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one DaysDue is required.	of DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Perc	entOfInvoicePaya	able is re	quired
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Ма
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate Invoice	eDate		
	InvoiceReceiptDate	Other		
	PaymentTermsBasisDate	date	0	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "M the month and "DD" the day.	M"		
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applicable	e).		
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		Ο	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		0	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	Ο	1
	A percentage used to calculate the penalty on any balance unpaid by the due d	ate.		
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketProperties</u>			
	FieldTicketSubLineItem			

PersonnelInformation

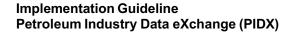
A collection of elements detailing relevant personnel information.

note	
level	FieldTicketDetails

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children	Name	Туре	Use	Max
	PersonnelName The name of the person being referenced.	string	0	1
	CompanyName The name of the company.	string	0	1
	Personnelldentifier A unique identifier for an employee of an organization.	string	0	1
	TimeWorked The time period worked by a specific employee completing a service.		0	1

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	JobDescription A free-form textual description of the job.	string	0	1
	Comment A free-form textual structure for general information or comments.	string	0	1
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketSubLineItem</u>			

PostalCountry

The country code indicating the country to which mail should be delivered.

	<u> </u>			
note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note					
level	FieldTicketDetails_				
children	Name	Туре	Use	Max	
	Measurement	decimal	0	1	
	A numeric value for technical or attribute data.				
	<u>MeasurementRange</u>		0	1	
	A collection of elements providing a minimum and maximum measurement to create a range.				
	UnitOfMeasureCode	string	М	M	1
	A code identifying the units in which measurement is expressed.				
	Use values from the DE 355 code list contained in ASC X12 release 3030.				
	BasisDescription	string	0	1	
	Free-form textual description of the basis.				
parent(s)	Pricing				

Pricing

A collection of elements detailing price information.

note	
level	<u>FieldTicketDetails</u>

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children	Name	Туре	Use	Max
	<u>UnitPrice</u>		M	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketSubLineItem</u>			

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PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

note				
level	FieldTicketProperties			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	FieldTicketProperties			

PurchaseOrderInformation

A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.

Туре	e U	Jse	Max
strir	ng	M	1
date	;	0	1
ssued.			
year, "MM"			
strir	ng	0	1
nergencyOrder			
RushOrder			
Other			
strir	ng	0	1
aced by the number.			
strir	ng	0	1
strir	ng	0	1
ge is resent			
•			

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parent(s)	<u>FieldTicketLineItem</u>
	<u>FieldTicketProperties</u>
	<u>FieldTicketSubLineItem</u>

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ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, bu	ut not both	١.
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber	string	М	1
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketProperties</u>			
	FieldTicketSubLineItem			





attributes	Name		Type	Use	Fixed
	referenceInformationIndicator		string	M	
	A code to identify what type of information is being referenced.				
	AFENumber	BatchNumber			
	BillOfLading	Certification			
	CertifiedInspectionTestResults				
	ConfigurationNumber				
	ContractNumber				
	CostAllocationReference	CostCenter			
	CustomerAccountingReference				
	CustomerReferenceNumber				
	DeliveryTicketNumber				
	DivisionIdentifier				
	EngineeringChangeOrderNumber	JobNumber	-		
	LetterOfCreditNumber				
	LocationNumber				
	MaterialSafetyDataSheet				
	OperatorGeneralLedgerCode				
	OriginalInvoiceNumber				
	PriceAreaNumber	ProjectNumber			
	ProposalNumber	QuoteNumber			
	RequestForQuotationNumber				
	TemplateNumber				
	Other				

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SecondCurrency

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	FieldTicketProperties			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	FieldTicketProperties			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	FieldTicketProperties
	FieldTicketDetails
parent(s)	<u>FieldTicketLineItem</u>
	<u>FieldTicketProperties</u>
	<u>FieldTicketSubLineItem</u>





attributes	Name		Туре	Use	Fixed
	dateTypeIndicator		string	M	
	A code to identify which date being given.				
	ArriveLocationDate	InvoiceDueDate			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart	ShipDate			
	Other				

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ShippingAmount

The monetary amount of shipping or freight charges.

note				
level	<u>FieldTicketDetails</u>			
	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketSubLineItem</u>			
	<u>FieldTicketSummary</u>			

SpecialInstructions

A free-form textual description of special requirements.

	<u> </u>				
note					
level	<u>FieldTicketProperties</u>				
	<u>FieldTicketDetails</u>				
parent(s)	<u>FieldTicketLineItem</u>				
	<u>FieldTicketProperties</u>				
	<u>FieldTicketSubLineItem</u>				
attributes	Name		Туре	Use	Fixed
	instructionIndicator		string	0	
	A code to identify the type of instruction being given.				
	CarrierInstructions				
	ConsigneeInstructions				
	DriverInstructions				
	EmptyReturnInstructions				
	InspectionInstructions				
	RoutingInstructions				
	ShipperInstructions	ShortLeadTime	•		
	Tolerances	Othe			

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SubTotalAmount

The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.

note				
level	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketSummary</u>			
attributes	Name	Туре	Use	Fixed
	subTotalIndicator	string	M	
	A code to indicate the type of subtotal being given.			
	Equipment	oor		
	Materials Oth	ner		

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	FieldTicketDetails
	<u>FieldTicketSummary</u>





	Name	Type	Use	Max
	TaxTypeCode	string	М	1
	A code indicating the kind of tax being applied.			
	CitySalesTax			
	CountyParishSalesTax	уТах		
	FederalExciseTax			
	GoodsAndServicesTax			
	GrossReceiptsTax	ılTax		
	MetropolitanTransitTax			
	StateAndLocalSalesTax			
	StateProvincialTax StateSales	sTax		
	ValueAddedTax WellService	еТах		
	Other			
	MixedRateIndicator	string	0	1
	A mixed rate VAT tax indicator. This is used for European tax purposes.	_		
	TaxIdentifierNumber	string	О	1
	A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.			
	TaxExemptCode	string	0	1
	A code identifying exemption status from sales and use tax.			
	DirectPay	empt		
		Other		
	TaxLocation		Ο	1
	The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.	on		
	TaxRate	decimal	0	1
	The percentage or monetary amount charged on a transaction.			
	TaxBasisAmount		0	1
	The monetary amount which is subject to tax.			
	TaxAmount		0	1
	The monetary amount of the tax.			
	TaxReference	string	0	1

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TaxAmount

The monetary amount of the tax.

note				
level	<u>FieldTicketDetails</u>			
	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

	<u>, </u>			
note				
level	<u>FieldTicketDetails</u>			
	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	FieldTicketProperties
	FieldTicketDetails

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>FieldTicketDetails</u>			
	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Ma
	PhoneNumber	string	M	1
	A numerical sequence to reach a telephone attached to a communication ne	twork.		
	PhoneNumberExtension	string	0	1
	An extension number that is needed to further identify the phone number.			
	TelecomCountryCode	string	0	1
	The dialing code from another country to access the telephone network in another country.			
	TelecomAreaCode	string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.			
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixe
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		
	Other			

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TermsDiscountAmount

The total monetary amount of the payment terms discount.

note				
level	<u>FieldTicketSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketSummary</u>			

TimeWorked

The time period worked by a specific employee completing a service.

note				
level	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	M	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	PersonnelInformation			

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TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>FieldTicketProperties</u>
	<u>FieldTicketDetails</u>

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	Name	Type	Use	Ma
	ShipmentMethodOfPayment	string	M	1
	A code indicating payment terms for transportation charges.			
	Collect	ect-		
	FreightCreditedBackToCustomer			
	CustomerPickupBackhaul Pic			
	PrepaidBySeller PrepaidBySeller			
	ChargedToCustomer ServiceFrei			
	NoCharge ThirdPartyl	-ay		
	Other			
	RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment movement.	string	0	1
	OriginCarrier-AirMotorOcean			
	OriginDeliveryCarrier-AnyMode			
	Other			
	TransportMethodCode A code indicating the mode of transportation used to move product.	string	0	1
	Air AirExpr	22 9		
	Barge BestW			
		loat		
	CustomerPickup ExpeditedTr			
		ean		
		Rail		
		uck		
	• •	ther		
			0	u
	PartnerInformation A collection of elements detailing partner information.		U	U
	<u>Location</u> A collection of elements giving details about a location.		0	U
	ShipmentTermsCode A code indicating the terms under which a product is shipped, such as Freight Prepaid, FOB or similar.	string	0	1
	Routing A free-form description of the shipping route to be provided for transportation of product.	string	0	1
	ServiceLevelCode	string	0	1
	A code indicating the level of service required.	Stillig	U	•
	HazardousMaterials A collection of elements conveying hazardous goods information related to a		0	1
	product.			
I	CarrierEquipmentCode	string	0	1

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	A code indicating the kind of equipment parent(s) the carrier.			
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>FieldTicketLineItem</u>			
	<u>FieldTicketProperties</u>			
	<u>FieldTicketSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>FieldTicketDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

note				
level	<u>FieldTicketProperties</u>			
	<u>FieldTicketDetails</u>			
parent(s)	WellInformation			
attributes	Name	Туре	e Use	Fixed
	wellIdentifierIndicator	strir	ng O	
	A code to indicate the origin of the Well Identifier.			
	Number	CustomerNumber		
	UWINumber	Other		

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WellInformation

A collection of elements detailing information about a well.

note	
level	FieldTicketProperties
	<u>FieldTicketDetails</u>

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children	Name		Туре	Use	Ma
	<u>WellIdentifier</u>		string	M	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.		-		
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
arent(s)	<u>JobLocationInformation</u>				

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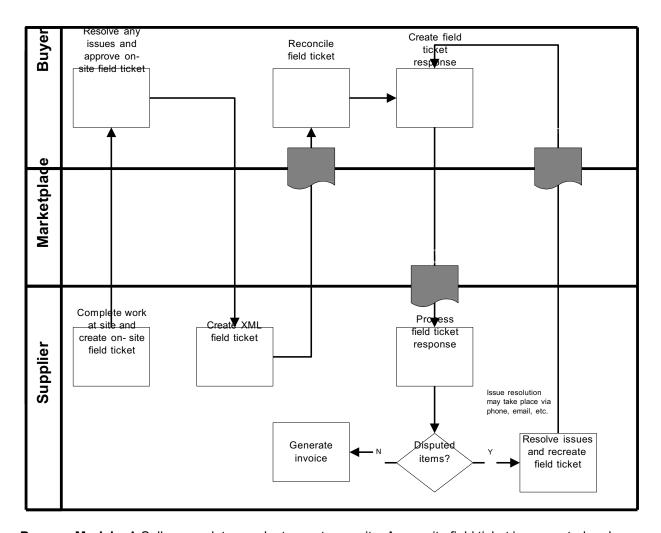
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13.0 Field Ticket Response

13.1 Business Process Diagram

Below is the Business Process Diagram for the Field Ticket Response transaction. This is not the only method in which the process can take place, however, it represents a primary process. Third parties, including a Marketplace, may be involved if necessary.



Process Model - A Seller completes work at a customer site. An on-site field ticket is generated and given to the Buyer for approval. The Buyer approves the field ticket, indicating any changes that might be necessary on the field ticket. The seller uses the on-site field

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ticket information to create an XML field ticket and sends it to the Buyer. The Buyer processes the XML field ticket and sends a response accepting or disputing the field ticket information in whole or in part. Any disputes are handled by phone, email, etc. If necessary, once disputes are resolved, a corrected field ticket is generated and sent to the Buyer.

The Field Ticket Response document is used to accept or dispute the information provided by the XML Field Ticket, which is an electronic record of the work completed by the Seller at the Buyer's site.

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13.2 Legend to Tables

The following tables detail the elements and attributes that make up the Field Ticket Response. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (1)
A collection of elements detailing information about a telephone number.

3) note					
level	OrderCreateProperties (4)				
	<u>OrderCreateDetails</u>				
children	Hame (5)		Туре	Use	Max
	P HoneNumber	\bigcirc	string	М	1
	A numerical sequence to reach a telephone attached to a communication ne	etwork.			
	PhoneNumberExtension		string	0	1
	An extension number that is needed to further identify the phone number.				
	TelecomCountryCode		string	0	1
	The dialing code from another country to access the telephone network in another country.				
	TelecomAreaCode		string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.				
parent(s)	Contact (n90) mation				
attributes	Name	\sim	Туре	Use	Fixe
	(10) telephoneIndicator	(12)	string (13)	0	
	A code to indicate the type of phone number being given.				
	Fax	Mobile	e		
	Pager	Voice	9		
	i agei				

Leg	end
1	The name of the element.
2	The definition of the element.
3	Contains any business rules or comments about the element
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.
6	Indicates the data type of the element.
7	Indicates whether the element is mandatory (M) or optional (O).
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)
9	Indicates the parent element of the element.

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10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

13.3 Document Detail

FieldTicketResponse

The root element of the Field Ticket Response message. It is used to acknowledge a previously sent Field Ticket.

note				
children	Name	Туре	Use	Max
	<u>FieldTicketResponseProperties</u>		M	1
	A collection of elements defining the acknowledgement "meta-data" or "common data".			
	<u>FieldTicketResponseDetails</u>		М	1
	A collection of elements defining the details of the Field Ticket Response message			
	<u>FieldTicketResponseSummary</u>		M	1
	A collection of elements detailing the totals of the acknowledgement.			
attributes	Name	Туре	Use	Fixed
	transactionPurposeIndicator	string	M	
	A code indicating the purpose of the transaction.			
	Add			
	Cancellation	je		
	Confirmation	te		
	Duplicate Origin	al		
	Replace	st		
	Other			
	version	decimal	M	1.0
	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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FieldTicketResponseProperties

A collection of elements defining the response "meta-data" or "common data".						
note						

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Name	Туре	Use	Max
FieldTicketResponseNumber	string	M	1
A unique identifier for a Field Ticket Response message.			
ieldTicketResponseDate	date	M	1
The date upon which an acknowledgement was created or deemed to have been ssued.			
format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" he month and "DD" the day.			
PartnerInformation		M	U
collection of elements detailing partner information.			
ieldTicketInformation		M	1
a collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.			
ApproverName	string	Ο	1
he name of the person who approved the document.			
ApprovalDate	date	Ο	1
he date upon which the document was approved.			
Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
CountryOfFinalDestination		0	1
The country where product is ultimately delivered or is deemed to have been lelivered.			
RevisionNumber	string	0	1
n number indicating the version of the document. It is used if a message is resent its entirety to replace an earlier version.			
<u>PurchaseOrderInformation</u>		0	1
a collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
PurchaseOrderLineItemNumber	string	0	1
A sequential individual line identifier within a purchase order document containing product or item information.			
		0	1
The currency code indicating the currency to be used for the transaction.			
•		0	1
The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
ServiceDateTime	datetime	0	U
The actual and/or schedule dates for a service.			
.anguageCode	string	0	1
A code indicating the language used for the transaction.	-		
Use the codelist from ISO 639-2:1998 Codes for the representation of names of			
anguages – Part 2: Alpha-3 Code.		o	1
anguages – Part 2: Alpha-3 Code.		o	1
anguages – Part 2: Alpha-3 Code. ObLocationInformation	string	0	1
anguages – Part 2: Alpha-3 Code. obLocationInformation collection of elements giving details of a job location.	string	_	
anguages – Part 2: Alpha-3 Code. ObLocationInformation	string	_	1 1
	format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" ne month and "DD" the day. PartnerInformation A collection of elements detailing partner information. A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages. ApproverName The name of the person who approved the document. ApprovalDate The date upon which the document was approved. Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" ne month and "DD" the day. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been elivered. RevisionNumber A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages. PurchaseOrderInformation A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information. PurchaseOrderLineItemNumber A sequential individual line identifier within a purchase order document containing roduct or item information.	cormat is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" ne month and "DD" the day. Identification of elements detailing partner information. Idelection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages. ImproverName string the date upon which the document was approved. In each of the date upon which the document was approved. In emonth and "DD" the day. In emonth and "DD" the day. In ecountry off-inal Destination In the country where product is ultimately delivered or is deemed to have been elivered. It is entirely to replace an earlier version. In unumber indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version. In unumber indicating the version of the document. It is used if a message is resent in the entirety to replace an earlier version. In unumber indicating the version of the document und/or messages. In unumber indicating the version of the document purchase order information which eeds to be referenced within other documentation and/or messages. In unchaseOrderLineItemNumber In unsupport in information. In the courrency code indicating the currency to be used for the transaction. In the currency code indicating a second currency, such as for European countries sing the Euro and a local currency. In the currency code indicating a second currency, such as for European countries sing the Euro and a local currency.	cormat is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" he month and "DD" the day. Collection of elements detailing partner information. Collection of elements containing relevant field ticket information which needs to be referenced within other document and/or messages. Country Off-inal Destination Country Of

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	TransportInformation		0	1
	A collection of elements detailing how product is transported.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>FieldTicketResponse</u>			

FieldTicketResponseDetails

A collection of elements defining the details of the Field Ticket Response message.

note				
children	Name	Туре	Use	Max
	<u>FieldTicketResponseLineItem</u>		М	U
	A collection of elements defining the details of the line items making up the acknowledgement.			
parent(s)	<u>FieldTicketResponse</u>			





FieldTicketResponseLineItem

A	collection	of	elements	defir	ning	the	details	of	the	line	items	making	up	the	acknow	wledg	ement	

note	

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children	Name	Type	Use	Ма
	LineItemNumber	string	M	1
	A sequential individual line identifier within a document containing service or item information.			
	LineStatusCode	string	M	1
	A code which indicates the whether a line item has been approved, rejected, or is pending.			
	Accept	ng		
	Reject	ner		
	LineResponseReasonCode	string	М	1
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	ChangeDescription	string	0	
	A free-form textual description of changes made.	-		
	LineItemInformation		М	
	A collection of elements detailing identifying information about a line item.			
	<u>FieldTicketQuantity</u>		М	
	The number of units of an item or service consumed.			
	CommodityCode	string	0	ı
	A code indicating the categorization of a product or service in accordance with a particular standard.	-		
	PurchaseOrderLineItemNumber	string	0	
	A sequential individual line identifier within a purchase order document containing product or item information.			
	PurchaseOrderInformation		0	
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	PersonnelInformation		0	,
	A collection of elements detailing relevant personnel information.			
	PartnerInformation		0	1
	A collection of elements detailing partner information.			
	JobLocationInformation		0	
	A collection of elements giving details of a job location.			
	Pricing		o	
	A collection of elements detailing price information.			
	AllowanceOrCharge		o	
	A collection of elements defining the details of an allowance or charge to the customer.			
	Tax		0	
	A collection of elements detailing information about tax applied to a transaction.			
	ShippingAmount		0	
	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	
	The net total monetary amount for the line item.			
	ServiceDateTime	datetime	0	,
	The actual and/or schedule dates for a service.		-	
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 EquipmentIdentifier	string	0	U
A unique identifier for a piece of equipment such as used for transportation of product.			
EquipmentDescription	string	0	U
A free-form textual description of carrier equipment.			
CountryOfOrigin		0	1
The country where product originates or is deemed to have originated.			
<u>CountryOfFinalDestination</u>		0	1
The country where product is ultimately delivered or is deemed to have been delivered.			
<u>TransportInformation</u>		0	1
A code indicating the mode of transportation used to move product.			
<u>PaymentTerms</u>		0	1
A collection of elements detailing payment terms information.			
SpecialInstructions	string	0	U
A free-form textual description of special requirements.			
PackagingCharacteristicCode	string	0	U
A code indicating the marking, packaging, loading and related characteristics being described.			
PackageSpecifications			
Fackageopecinications			
ProductMarking SkidPalletTyp	e		
•			
ProductMarking SkidPalletTyp		o	U
ProductMarking SkidPalletTyp TypeOfPackage Other	er	o	U
ProductMarking SkidPalletTyp TypeOfPackage Othe PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging	er	0	U
ProductMarking SkidPalletTyp TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code.	er		-
ProductMarking SkidPalletTyp TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of	er		-
ProductMarking SkidPalletTyp TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message.	er	o	U
ProductMarking SkidPalletTyp TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment	er	o	U
ProductMarking SkidPalletTyp TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment A collection of elements defining the details of an attachment to the document.	string	0	U
ProductMarking TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment A collection of elements defining the details of an attachment to the document. Comment	string	0	U
ProductMarking TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment A collection of elements defining the details of an attachment to the document. Comment A free-form textual structure for general information or comments.	string	0 0	U U 1
ProductMarking TypeOfPackage Other PackagingCharacteristicDescription Free-form text providing any additional information associated with the Packaging Characteristic Code. ReferenceInformation A collection of elements detailing references to information that reside outside of the current transaction message. Attachment A collection of elements defining the details of an attachment to the document. Comment A free-form textual structure for general information or comments. FieldTicketResponseSubLineItem A collection of elements defining the details of the sub line items of an acknowledgement. It is used if a line item needs to be broken down into further	string	0 0	U U 1

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FieldTicketResponseSubLineItem

A collection of elements	defining the details	of the sub line	items of an ac	knowledgement.	It is used if a line	e item needs to	be broken
down into further detail.	_			-			

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SubLineItemNumber The sub-line item number relating to the primary line item referenced in the message. LineStatusCode A code which indicates the whether a line item has been approved, rejected, or is pending. Accept Pendin Reject	string string	M	1
message. LineStatusCode A code which indicates the whether a line item has been approved, rejected, or is pending. Accept Pendin	string	М	1
A code which indicates the whether a line item has been approved, rejected, or is pending. Accept Pendin	string	M	1
pending. Accept Pendin			
Reject	g		
rojost	er		
LineResponseReasonCode	string	M	1
A code indicating the response to the line item, such as accepted, rejected, etc.			
ChangeDescription	string	0	1
A free-form textual description of changes made.			
<u>LineItemInformation</u>		М	1
A collection of elements detailing identifying information about a line item.			
<u>FieldTicketQuantity</u>		M	1
The number of units of an item or service consumed.			
CommodityCode	string	0	U
A code indicating the categorization of a product or service in accordance with a particular standard.			
PurchaseOrderSubLineItemNumber	string	0	1
A sequential individual sub-line identifier within an Order Create document containing product or item information that relates back to a parent line item.			
<u>PurchaseOrderInformation</u>		0	1
A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
<u>PersonnelInformation</u>		0	U
A collection of elements detailing relevant personnel information.			
<u>PartnerInformation</u>		0	U
A collection of elements detailing partner information.			
<u>JobLocationInformation</u>		0	1
A collection of elements giving details of a job location.			
Pricing		0	1
A collection of elements detailing price information.			
AllowanceOrCharge		0	U
A collection of elements defining the details of an allowance or charge to the customer.			
<u>Tax</u>		0	U
A collection of elements detailing information about tax applied to a transaction.			
<u>ShippingAmount</u>		0	1
The monetary amount of shipping or freight charges.			
<u>LineItemTotal</u>		0	1
The net total monetary amount for the line item.			
<u>ServiceDateTime</u>	datetime	0	U
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	The actual and/or schedule dates for a service.			
	EquipmentIdentifier	string	0	U
	A unique identifier for a piece of equipment such as used for transportation of product.			
	EquipmentDescription	string	0	U
	A free-form textual description of carrier equipment.			
	<u>CountryOfOrigin</u>		0	1
	The country where product originates or is deemed to have originated.			
	CountryOfFinalDestination		0	1
	The country where product is ultimately delivered or is deemed to have been de	elivered.		
	TransportInformation		0	1
	A code indicating the mode of transportation used to move product.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	U
	A code indicating the marking, packaging, loading and related characteristics be described.	eing		
	PackageSpecifications			
	ProductMarking SkidPallet	Туре		
	TypeOfPackage	Other		
	PackagingCharacteristicDescription	string	0	U
	Free-form text providing any additional information associated with the Packagir Characteristic Code.	ng		
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.	f		
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	FieldTicketResponseLineItem			
ραισιι(δ)	i iora noncureaponacimentem			

FieldTicketResponseSummary

A collection of elements detailing the totals of the acknowledgement.

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children	Name	Туре	Use	Max
	TotalLineItems	integer	M	1
	The total number of line items contained in a message.			
	<u>AllowanceOrCharge</u>		0	U
	A collection of elements defining the details of an allowance or charge to the custor	ner.		
	<u>ShippingAmount</u>		0	U
	The monetary amount of shipping or freight charges.			
	<u>Tax</u>		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	SubTotalAmount		0	U

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	The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.		
	<u>FieldTicketTotal</u>	0	1
	The total monetary amount of the field ticket.		
	<u>TermsDiscountAmount</u>	0	1
	The total monetary amount of the payment terms discount.		
	<u>DiscountedAmountDue</u>	0	1
	The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)		
parent(s)	<u>FieldTicketResponse</u>		

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AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			
	<u>PartnerInformation</u>			
	TaxLocation			

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>FieldTicketResponseDetails</u>
	<u>FieldTicketResponseSummary</u>

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nargeTotalAmount ary amount for the allowinargeRate t of the allowance or chanargePercent or charge expressed as a nargeNumber signed by a vendor reference of the kind of allowance age the kind of allowance arge ent arge erfee harge arge errectBilling endorProvided	arge. a percentage. erencing an allowan	escribed. FuelSurch Disc	string arge ount	0 0 0	1 1 1 1
nargeRate t of the allowance or chargePercent or charge expressed as a nargeNumber signed by a vendor reference of the signed by a vendor	arge. a percentage. erencing an allowan	escribed. FuelSurch Disc	string r string arge ount	0	1
t of the allowance or chanargePercent or charge expressed as a nargeNumber signed by a vendor reference of the kind of allowance age the kind of allowance arge ent arge erece harge arge irrectBilling	a percentage. erencing an allowan	escribed. FuelSurch Disc	string r string arge ount	0	1
nargePercent or charge expressed as a nargeNumber signed by a vendor refer nargeTypeCode ng the kind of allowance aService arge ent arge eFee harge arge arge irrectBilling	a percentage. erencing an allowan	escribed. FuelSurch Disc	string r string arge ount	0	1
or charge expressed as a nargeNumber signed by a vendor reference and the kind of allowance arge ent sarge effect harge arge earge arge arge arge einectBilling	erencing an allowan	escribed. FuelSurch Disc	string r string arge ount	0	1
nargeNumber signed by a vendor reference nargeTypeCode ng the kind of allowance service service arge ent arge eFee harge arge arge	erencing an allowan	escribed. FuelSurch Disc	string arge count		
signed by a vendor reference of the kind of allowance of the kind of allowance of the kind of the kin	-	escribed. FuelSurch Disc	string arge count		
nargeTypeCode ng the kind of allowance Service arge ent arge eFee harge arge arge	-	escribed. FuelSurch Disc	string arge ount	0	1
ng the kind of allowance Service I'ge ent arge eFee harge arge arge	or charge being de	FuelSurch Disc	arge ount	0	1
Service Irge ent arge eFee harge arge irectBilling	or charge being de	FuelSurch Disc	ount		
orge ent arge eFee harge arge irectBilling		Disc	ount		
orge ent arge eFee harge arge irectBilling		Roya			
orge ent arge eFee harge arge irectBilling		•	blice		
ent arge eFee harge arge irectBilling		•	altige		
arge eFee harge arge irectBilling		•	ultipe		
arge eFee harge arge irectBilling		•	alties		
harge arge irectBilling		•	altipe		
arge irectBilling		•	แแบง		
irectBilling		PostageCh			
·		· · · · ·			
endorProvided					
		C	Other		
lingCode			string	0	1
escribes how a particular	r allowance or chai	rge should be handled	i.		
dByCustomer					
nargeDescription			string	0	1
cription used to clarify the	ne related allowance	e and charge data			
nargeQuantity				0	1
which the allowance or or invoice quantity.	charge is based if i	it is different from the			
	cription used to clarify their content. nargeQuantity which the allowance or	cription used to clarify the related allowance eir content. nargeQuantity which the allowance or charge is based if	cription used to clarify the related allowance and charge data eir content. nargeQuantity which the allowance or charge is based if it is different from the	cription used to clarify the related allowance and charge data eir content. nargeQuantity which the allowance or charge is based if it is different from the	cription used to clarify the related allowance and charge data eir content. nargeQuantity O which the allowance or charge is based if it is different from the

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

	percentIndicator A code indicating on what basis the allowance or charge percent is calculated.	string	0	
attributes	Name	Туре	Use	Fixed
parent(s)	<u>AllowanceOrCharge</u>			
	<u>FieldTicketResponseSummary</u>			
level	<u>FieldTicketResponseDetails</u>			
note				

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

<u>FieldTicketResponseDetails</u>			
<u>FieldTicketResponseSummary</u>			
Name	Туре	Use	Max
Quantity A numeric count of measure.	decimal	М	1
UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	M	1
Use values from the DE 355 code list contained in ASC X12 release 3030.			
<u>AllowanceOrCharge</u>			
	FieldTicketResponseSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	FieldTicketResponseSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	FieldTicketResponseSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	<u>FieldTicketResponseDetails</u>			
	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	M	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	0	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>AllowanceOrCharge</u>			

AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

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note				
level	<u>FieldTicketResponseDetails</u>			
	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	M	1
	CurrencyCode	string	0	1

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	A code indicating the currency in which the monetary amount is specified.
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>AllowanceOrCharge</u>

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note					
level	<u>FieldTicketResponseProperties</u>				
	FieldTicketResponseDetails				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	M	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			
	StationCode	Telemail			
	Telex	TWX			
	Other				

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	FieldTicketResponseLineItem			
	<u>FieldTicketResponseProperties</u>			

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FieldTicketResponseSubLineItem

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Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	GeographicalInformation			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	<u>FieldTicketResponseDetails</u>			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencylndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note					
level	FieldTicketResponseProperties				
	FieldTicketResponseDetails				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator	;	string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

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ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at either	er the Property or Detail	level, but r	not both.	
level	<u>FieldTicketResponseProperties</u>				
	<u>FieldTicketResponseDetails</u>				
children	Name		Type	Use	Max
	ContactIdentifier		string	0	1
	The identifier of the contact person or department.				
	ContactName		string	0	1
	The name of the contact person within the organization.				
	ContactDescription		string	0	1
	A free-form textual description of the contact.				
	<u>Telephone</u>			0	U
	A collection of elements detailing information about a telepho	ne number.			
	EmailAddress		string	0	1
	The address assigned to a person or organization to receive	electronic messages.			
	AlternativeCommunicationMethod		string	0	U
	Additional methods of communication, such as an IP Address addition to those specifically listed elsewhere in contact or ad				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			

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	se the codelist from ISO 3166·1:1997 Codes for the representation of names of countries and their subdissions-Part 1:Country Codes.
parent(s)	fj >ldljpkfflB >spms>Ljp >tt>m
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CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseSubLineItem</u>			

Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

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DiscountAmount

The monetary amount of a discount based upon payment terms.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

DiscountedAmountDue

The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)

	· · · · · · · · · · · · · · · · · · ·		,	
note				
level	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseSummary</u>			

Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

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EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	М	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

FieldTicketInformation

A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.

<u>FieldTicketResponseProperties</u>			
Name	Туре	Use	Max
FieldTicketNumber	string	М	1
A unique identifier for a Field Ticket.			
FieldTicketDate	date	0	1
The date upon which a field ticket was created or deemed to have been issued.			
Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
RevisionNumber	string	0	1
A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
<u>FieldTicketResponseProperties</u>			
	FieldTicketNumber A unique identifier for a Field Ticket. FieldTicketDate The date upon which a field ticket was created or deemed to have been issued. Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. RevisionNumber A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.	Name FieldTicketNumber A unique identifier for a Field Ticket. FieldTicketDate The date upon which a field ticket was created or deemed to have been issued. Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. RevisionNumber A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.	Name FieldTicketNumber A unique identifier for a Field Ticket. FieldTicketDate The date upon which a field ticket was created or deemed to have been issued. Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. RevisionNumber String O A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.

FieldTicketQuantity

The number of units of an item or service consumed.

note	
level	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	Quantity	decimal	M	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseSubLineItem</u>			

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FieldTicketTotal

The total monetary amount of the field ticket.

	•			
note				
level	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	<u>MonetaryAmount</u>	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseSummary</u>			

GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

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level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	M	1
	The specified latitude of a location.			
	Longitude	string	М	1
	The specified longitude of a location.			
parent(s)	<u>GeographicalInformation</u>			

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HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or HazardousMaterialDescription is required.					
level	<u>FieldTicketResponseProperties</u>					
	<u>FieldTicketResponseDetails</u>					
children	Name	Туре	Use	Max		
	SpecialHandlingCode	string	0	1		
	A code identifying any special transportation handling instructions					
	HazardousMaterialDescription	string	0	1		
	A free-form textual explanation of information related to a hazardous shipment.					
	<u>HazardousMaterialClassCode</u>	string	0	U		
	A code indicating the kind of hazard for a material.					
parent(s)	TransportInformation					

JobLocationIdentifier

A unique identifier referencing the job location.

•	• .
note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>
parent(s)	<u>JobLocationInformation</u>

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attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery				
	Rig				

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Other		

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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children	Name		Туре	Use	Max
	<u>JobLocationIdentifier</u>		string	0	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	WellInformation			0	1
	A collection of elements detailing information about a well.				
	JobSiteCategory		string	0	1
	A code indicating the kind of site on which the job is located.				
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other				
	<u>AddressInformation</u>			0	1
	A collection of elements defining the details of an address.				
	<u>GeographicalInformation</u>			0	1
	A collection of elements defining a geographical location.				
	A collection of elements defining a geographical location.				
parent(s)	<u>FieldTicketResponseLineItem</u>				
	<u>FieldTicketResponseProperties</u>				
	<u>FieldTicketResponseSubLineItem</u>				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

note					
level	<u>FieldTicketResponseDetails</u>				
parent(s)	<u>LineItemInformation</u>				
attributes	Name		Туре	Use	Fixed
	identifierIndicator		string	M	
	A code to indicate the origin of the identifier.				
	AssignedByBuyer				
	AssignedByManufacturer				
	AssignedBySeller				
	CatalogueNumber	UPCNumber			
	Other				

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	•			
note				
level	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>FieldTicketResponseLineItem</u>
	<u>FieldTicketResponseSubLineItem</u>

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Location

A collection of elements giving details about a location.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPoi	nt		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	М	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	М	1
	The largest measurement in a given range.			

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parent(s)

PriceBasis

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PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	FieldTicketResponseProperties				
	FieldTicketResponseDetails				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber			
	DUNS+4Number				
	Other				





PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	M	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseSubLineItem</u>			
	TransportInformation			





attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	MaterialIssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse	_		
	Other	_		
1				

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one of DaysDue is required.	DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Percent	OfInvoicePaya	able is re	quired
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Ма
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate InvoiceDa	te		
	InvoiceReceiptDate Oth	er		
	PaymentTermsBasisDate	date	0	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applicable).			
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		0	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		0	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	0	1
	A percentage used to calculate the penalty on any balance unpaid by the due date			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseSubLineItem</u>			

PersonnelInformation

A collection of elements detailing relevant personnel information.

note	
leve	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	PersonnelName The name of the person being referenced.	string	0	1
	CompanyName The name of the company.	string	0	1
	Personnelldentifier A unique identifier for an employee of an organization.	string	0	1
	TimeWorked The time period worked by a specific employee completing a service.		0	1

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	JobDescription A free-form textual description of the job.	string	0	1
	Comment A free-form textual structure for general information or comments.	string	0	1
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseSubLineItem</u>			

PostalCountry

The country code indicating the country to which mail should be delivered.

	···································			
note				
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	Measurement	decimal	0	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	Pricing			

Pricing

A collection of elements detailing price information.

note	
level	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	<u>UnitPrice</u>		M	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseSubLineItem</u>			

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PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

note				
level	<u>FieldTicketResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseProperties</u>			

PurchaseOrderInformation

A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.

ResponseProperties			
:ResponseDetails			
	Туре	Use	Ma
PrderNumber	string	M	1
entifier for an Order Create message.			
PrderIssuedDate	date	0	1
oon which an order was created or deemed to ha	ave been issued.		
CYY-MM-DD where "CC" represents the centur and "DD" the day.	y, "YY" the year, "MM"		
PrderTypeCode	string	0	1
cating the kind of purchase order.			
n	EmergencyOrder		
DeliveryOrder	RushOrder		
Order			
erviceOrder	Other		
mber	string	0	•
dentifying a release against a purchase order prolved in the transaction. It is the equivalent to a w			
rNumber	string	0	1
er assigned by a supplier to an order placed by a	a customer.		
umber	string	0	•
ndicating the version of the document. It is used y to replace an earlier version.	if a message is resent		
ndicating the		version of the document. It is used if a message is resent	version of the document. It is used if a message is resent

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parent(s) FieldTicketResponseLineItem
FieldTicketResponseProperties
FieldTicketResponseSubLineItem

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ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, bu	ut not both	
level	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber	string	M	1
	A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseSubLineItem</u>			





referenceInformationIndicator A code to identify what type of information is being referenced. AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber RequestForQuotationNumber TemplateNumber Other		referenceInformationIndicator				
AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber ContractNumber CostAllocationReference CostCenter CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber				string	М	
BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber TemplateNumber		A code to identify what type of information is being referenced.				
CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber		AFENumber	BatchNumber			
ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber		BillOfLading	Certification			
ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber TemplateNumber		CertifiedInspectionTestResults				
CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber ProposalNumber RequestForQuotationNumber TemplateNumber		ConfigurationNumber				
CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		ContractNumber				
CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		CostAllocationReference	CostCenter			
DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		CustomerAccountingReference				
DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		CustomerReferenceNumber				
EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		DeliveryTicketNumber				
LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		DivisionIdentifier				
LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		EngineeringChangeOrderNumber	JobNumber			
MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		LetterOfCreditNumber				
OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		LocationNumber				
OriginalInvoiceNumber PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		MaterialSafetyDataSheet				
PriceAreaNumber ProposalNumber RequestForQuotationNumber TemplateNumber		OperatorGeneralLedgerCode				
ProposalNumber RequestForQuotationNumber TemplateNumber		OriginalInvoiceNumber				
RequestForQuotationNumber TemplateNumber		PriceAreaNumber	ProjectNumber			
TemplateNumber		ProposalNumber	QuoteNumber			
		RequestForQuotationNumber				
Other		TemplateNumber				
		Other				

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SecondCurrency

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	<u>FieldTicketResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseProperties</u>			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	FieldTicketResponseProperties
	<u>FieldTicketResponseDetails</u>
parent(s)	<u>FieldTicketResponseLineItem</u>
	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseSubLineItem</u>

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attributes	Name		Туре	Use	Fixed
	dateTypeIndicator		string	M	
	A code to identify which date being given.				
	ArriveLocationDate	InvoiceDueDate			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart	ShipDate			
	Other				

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ShippingAmount

The monetary amount of shipping or freight charges.

note				
level	<u>FieldTicketResponseDetails</u>			
	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseSubLineItem</u>			
	FieldTicketResponseSummary			

SpecialInstructions

A free-form textual description of special requirements.

note					
level	<u>FieldTicketResponseProperties</u>				
	<u>FieldTicketResponseDetails</u>				
parent(s)	<u>FieldTicketResponseLineItem</u>				
	<u>FieldTicketResponseProperties</u>				
	<u>FieldTicketResponseSubLineItem</u>				
attributes	Name	Т	Гуре	Use	Fixed
	instructionIndicator	s	string	0	
	A code to identify the type of instruction being given.				
	CarrierInstructions				
	ConsigneeInstructions				
	DriverInstructions				
	EmptyReturnInstructions				
	InspectionInstructions				
	RoutingInstructions				
	ShipperInstructions	ShortLeadTime			
	Tolerances	Other			

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SubTotalAmount

The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.

note				
level	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseSummary</u>			
attributes	Name	Туре	Use	Fixed
	subTotalIndicator	string	M	
	A code to indicate the type of subtotal being given.			
	Equipment	oor		
	Materials	ner		

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>FieldTicketResponseDetails</u>
	<u>FieldTicketResponseSummary</u>





TaxTypeCode A code indicating the kind of tax being applied. CitySalesTax CountyParishSalesTax CountyTederalExciseTax	string ax	М	1
CitySalesTax CountyParishSalesTax CountyT	ax		
CountyParishSalesTax CountyT	ax		
	ax		
FederalExciseTax			
GoodsAndServicesTax			
GrossReceiptsTax LocalT	ax		
MetropolitanTransitTax			
StateAndLocalSalesTax			
StateProvincialTax StateSalesT	ax		
ValueAddedTax WellServiceT	ax		
Other			
MixedRateIndicator	string	Ο	1
A mixed rate VAT tax indicator. This is used for European tax purposes.			
TaxIdentifierNumber	string	0	1
A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.			
TaxExemptCode	string	0	1
A code identifying exemption status from sales and use tax.			
DirectPay	ıpt		
NonExempt Oth	ier		
TaxLocation		0	1
The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.			
TaxRate	decimal	0	1
The percentage or monetary amount charged on a transaction.			
TaxBasisAmount		0	1
The monetary amount which is subject to tax.			
TaxAmount		0	1
The monetary amount of the tax.			
TaxReference	string	0	1
A free-form textual explanation or clarification.		_	-

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TaxAmount

The monetary amount of the tax.

note				
level	<u>FieldTicketResponseDetails</u>			
	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

,	<u>, </u>			
note				
level	<u>FieldTicketResponseDetails</u>			
	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>FieldTicketResponseDetails</u>			
	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

level children	FieldTicketResponseDetails			
children	·			
children				
	Name	Туре	Use	Max
	PhoneNumber A numerical sequence to reach a telephone attached to a communication networ	string k.	М	1
	PhoneNumberExtension An extension number that is needed to further identify the phone number.	string	0	1
	TelecomCountryCode The dialing code from another country to access the telephone network in another country.	string	0	1
	TelecomAreaCode The area code within a country or jurisdiction, if needed, to access local telephones within the country.	string	0	1
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixed
	telephoneIndicator A code to indicate the type of phone number being given.	string	0	
	Fax	bile		
	Pager Vo	oice		
	Other			

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TermsDiscountAmount

The total monetary amount of the payment terms discount.

note				
level	<u>FieldTicketResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			

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	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>FieldTicketResponseSummary</u>			

TimeWorked

The time period worked by a specific employee completing a service.

	worked by a opening employee complexing a control.			
note				
level	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	М	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	PersonnelInformation			





TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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Name	Туре	Use	Ma
ShipmentMethodOfPayment	string	M	1
A code indicating payment terms for transportation charges.	_		
Collect	ect-		
FreightCreditedBackToCustomer			
CustomerPickupBackhaul Pic			
PrepaidBySeller PrepaidBySeller			
ChargedToCustomer ServiceFreig			
NoCharge ThirdPartyl	Pay		
Other			
RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment movement.	string	0	1
OriginCarrier-AirMotorOcean			
OriginDeliveryCarrier-AnyMode			
Other			
TransportMethodCode A code indicating the mode of transportation used to move product.	string	0	1
Air AirExpr	200		
Barge BestW			
	ay- Boat		
	ean		
	Rail		
	ruck		
	ther		
	uiei	•	
PartnerInformation A collection of elements detailing partner information.		0	ι
Location A collection of elements giving details about a location.		0	ι
ShipmentTermsCode A code indicating the terms under which a product is shipped, such as Freight Prepaid, FOB or similar.	string	0	1
Routing A free-form description of the shipping route to be provided for transportation of product.	string	0	1
ServiceLevelCode A code indicating the level of service required.	string	0	1
HazardousMaterials A collection of elements conveying hazardous goods information related to a product.		0	1
CarrierEquipmentCode	string		

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	A code indicating the kind of equipment parent(s) the carrier.			
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>FieldTicketResponseLineItem</u>			
	<u>FieldTicketResponseProperties</u>			
	<u>FieldTicketResponseSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>FieldTicketResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

note					
level	<u>FieldTicketResponseProperties</u>				
	<u>FieldTicketResponseDetails</u>				
parent(s)	WellInformation				
attributes	Name		Туре	Use	Fixed
	wellIdentifierIndicator		string	0	
	A code to indicate the origin of the Well Identifier.				
	Number	CustomerNumber			
	UWINumber	Other			

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>FieldTicketResponseProperties</u>
	<u>FieldTicketResponseDetails</u>

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children	Name		Туре	Use	Ma
	<u>WellIdentifier</u>		string	M	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other				

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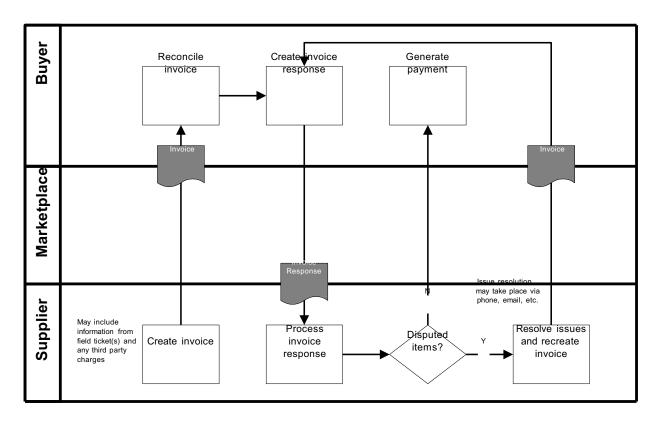




14.0 Invoice

14.1 Business Process Diagram

Below is the Business Process Diagram for the Invoice transaction. This is not the only method in which the process can take place, however, it represents a primary process. Third parties, including a Marketplace, may be involved if necessary.



Process Model - A Seller creates an invoice using information from one or many field tickets and third party charges, if applicable. The invoice is sent to the Buyer. The Buyer reconciles the invoice and creates an invoice response and sends to the Seller. The Seller processes the response. Any disputes are handled by phone, email, etc. If necessary, once disputes are resolved, a corrected invoice is generated and sent to the Buyer. Once all information is correct, the Buyer generates payment for the invoice.

The Invoice document is used to bill the Buyer for services and/or products delivered by the Seller.

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14.2 Legend to Tables

The following tables detail the elements and attributes that make up the Invoice. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (2)
A collection of elements detailing information about a telephone number.

note					
level	OrderCreateProperties A Data illustration				
children	OrderCreateDetails (Hame 5)		Туре	Use	Max
	PhoneNumber 6	(7)	string	M	1
	A numerical sequence to reach a telephone attached to a communication	n network.			
	PhoneNumberExtension		string	0	1
	An extension number that is needed to further identify the phone number	r.			
	TelecomCountryCode		string	0	1
	The dialing code from another country to access the telephone network i another country.	n			
	TelecomAreaCode		string	0	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.				
parent(s)	Contact (n90) rmation				
attributes	Name (10)		Туре	Use	Fixe
	telephoneIndicator (11) (14)	4) (12)	string (13)	0	
	A code to indicate the type of phone number being given.				
	Fax	Mobile			
	Pager	Voice			

Leg	Legend					
1	The name of the element.					
2	The definition of the element.					
3	Contains any business rules or comments about the element					
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document					
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.					
6	Indicates the data type of the element.					
7	Indicates whether the element is mandatory (M) or optional (O).					
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)					
9	Indicates the parent element of the element.					

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10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

14.3 Document Detail

Invoice

The root element of the Invoice message. It is used to bill for goods or services.

note				
children	Name	Туре	Use	Max
	<u>InvoiceProperties</u>		M	1
	A collection of elements defining the invoice "meta-data" or "common data".			
	<u>InvoiceDetails</u>		M	1
	A collection of elements defining the details of the Invoice message.			
	InvoiceSummary		M	1
	A collection of elements detailing the totals of the invoice.			
attributes	Name	Туре	Use	Fixed
	transactionPurposeIndicator	string	M	
	A code indicating the purpose of the transaction.			
	Add			
	Cancellation	nge		
	Confirmation	ete		
	Duplicate	nal		
	Replace	est		
	Other			
	version	decimal	M	1.0
	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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InvoiceProperties

A collection of e	elements defining the invoice "meta-data" or "common data".
note	

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children	Name	Туре	Use	
	InvoiceNumber	string	М	
	A unique identifier for an Invoice message.	-		
	InvoiceDate	date	М	
	The date upon which an invoice was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		М	
	A collection of elements detailing partner information.			
	InvoiceTypeCode	string	0	
	A code defining the type of invoice being transmitted.			
	CreditMemo DebitMen	no		
	ProductOrService Oth	er		
	RevisionNumber	string	0	
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.	•		
	<u>PurchaseOrderInformation</u>		0	
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>FieldTicketInformation</u>		0	
	A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.			
	<u>PrimaryCurrency</u>		0	
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		0	
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	LanguageCode	string	0	
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	<u>RateOfExchangeDetail</u>		0	
	A collection of elements containing the detail of the exchange rate between two currencies.			
	<u>JobLocationInformation</u>		0	
	A collection of elements giving details of a job location.			
	<u>ServiceDateTime</u>	datetime	0	
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	
	The country where product originates or is deemed to have originated.			
	<u>CountryOfFinalDestination</u>		0	
	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	
	A collection of elements detailing how product is transported.			
	Intrastat Page 614 of 828		0	
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	A collection of elements used for international (European) purposes.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	<u>Invoice</u>			

InvoiceDetails

A collection of elements defining the details of the Invoice message.

note			
children	Name Type	Use	Max
	<u>InvoiceLineItem</u>	M	U
	A collection of elements defining the details of the line items making up the invoice.		
parent(s)	Invoice		





InvoiceLineItem

A collection of elements	defining the	details of the	line items	making up	the invoice.
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ldren	Name	Type	Use
	LineItemNumber	string	М
	A sequential individual line identifier within a document containing service or item information.		
	<u>LineItemInformation</u>		M
	A collection of elements detailing identifying information about a line item.		
	<u>InvoiceQuantity</u>		M
	The number of units of an item or service invoiced.		
	PurchaseOrderLineItemNumber	string	0
	A sequential individual line identifier within a purchase order document containing product or item information.		
	FieldTicketLineItemNumber	string	0
	A sequential individual line identifier within a Field Ticket document containing product or item information.		
	<u>FieldTicketInformation</u>		0
	A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.		
	<u>PurchaseOrderInformation</u>		0
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.		
	<u>CommodityCode</u>	string	0
	A code indicating the categorization of a product or service in accordance with a particular standard.		
	<u>PartnerInformation</u>		0
	A collection of elements detailing partner information.		
	<u>JobLocationInformation</u>		0
	A collection of elements giving details of a job location.		
	<u>PersonnelInformation</u>		0
	A collection of elements detailing relevant personnel information.		
	Pricing		0
	A collection of elements detailing price information.		
	<u>AllowanceOrCharge</u>		0
	A collection of elements defining the details of an allowance or charge to the customer.		
	<u>Tax</u>		0
	A collection of elements detailing information about tax applied to a transaction.		
	ShippingAmount		0
	The monetary amount of shipping or freight charges.		
	<u>LineItemTotal</u>		0
	A code indicating the response to the line item, such as accepted, rejected, etc.		
	<u>ServiceDateTime</u>	datetime	0
	The actual and/or schedule dates for a service.		
	<u>CountryOfOrigin</u>		0
	The country where product originates or is deemed to have originated.		
	CountryOfFinalDestination		0
	The country where product is ultimately ஷிழ்சுஷ் ஓ த்துeemed to have been delivered.		
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	A collection of elements detailing how product is transported.			
	<u>Intrastat</u>		0	1
	A collection of elements used for international (European) purposes.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	g O	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	g 0	U
	A code indicating the marking, packaging, loading and related characteristics described.	being		
	PackageSpecifications			
	ProductMarking SkidPall	etType		
	TypeOfPackage	Other		
	PackagingCharacteristicDescription	string	g 0	U
	Free-form text providing any additional information associated with the Packag Characteristic Code.	ging		
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside the current transaction message.	of		
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document			
	Comment	string	g 0	1
	A free-form textual structure for general information or comments.			
	<u>InvoiceSubLineItem</u>		0	U
	A collection of elements defining the details of the sub line items of an invoice used if a line item needs to be broken down into further detail.	. It is		
parent(s)	<u>InvoiceDetails</u>			

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InvoiceSubLineItem

A collection of elements	defining the details	of the sub line ite	ems of an invoice	e. It is used if a	line item need	ds to be broken o	down into
further detail.	-						

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children	Name	Туре	Use	Ma
	SubLineItemNumber	string	М	1
	The sub-line item number relating to the primary line item referenced in the message.			
	LineltemInformation		М	1
	A collection of elements detailing identifying information about a line item.			•
	InvoiceQuantity		М	1
	The number of units of an item or service invoiced.			
	PurchaseOrderSubLineItemNumber	string	0	1
	A sequential individual sub-line identifier within an Order Create document containing product or item information that relates back to a parent line item.	-		
	FieldTicketLineSubItemNumber	string	0	1
	A sequential individual sub-line identifier within a Field Ticket document containing product or item information that relates back to a parent line item.			
	<u>FieldTicketInformation</u>		0	1
	A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.			
	<u>PurchaseOrderInformation</u>		0	1
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>CommodityCode</u>	string	0	ι
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	ı
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	•
	A collection of elements giving details of a job location.			
	<u>PersonnelInformation</u>		0	ı
	A collection of elements detailing relevant personnel information.			
	<u>Pricing</u>		0	•
	A collection of elements detailing price information.			
	<u>AllowanceOrCharge</u>		0	,
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		0	,
	A collection of elements detailing information about tax applied to a transaction.			
	<u>ShippingAmount</u>		0	•
	The monetary amount of shipping or freight charges.		_	
	<u>LineltemTotal</u>		0	•
	A code indicating the response to the line item, such as accepted, rejected, etc.	4.4.4	_	
	ServiceDateTime The serviceDate of the serviceDate	datetime	0	ı
	The actual and/or schedule dates for a service.		_	
	CountryOfOrigin		0	•
	The country where product originates or is deemed to have originated.		_	
	CountryOfFinalDestination		0	•
	The country where product is ultimately deligered or is gleemed to have been			

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	<u>TransportInformation</u>		0	1
	A collection of elements detailing how product is transported.			
	<u>Intrastat</u>		0	1
	A collection of elements used for international (European) purposes.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	U
	A code indicating the marking, packaging, loading and related characteristic described.	ics being		
	PackageSpecifications			
	ProductMarking SkidF	PalletType		
	TypeOfPackage	Other		
	PackagingCharacteristicDescription	string	0	U
	Free-form text providing any additional information associated with the Pac Characteristic Code.	ckaging		
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outs the current transaction message.	side of		
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the docum	ent.		
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
(/,)	E. Stattania			
parent(s)	InvoiceLineItem			

InvoiceSummary

A collection of elements detailing the totals of the invoice.

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children	Name	Туре	Use	Max
	TotalLineItems	integer	М	1
	The total number of line items contained in a message.			
	<u>InvoiceTotal</u>		M	1
	The total amount payable including tax and related charges.			
	<u>AllowanceOrCharge</u>		0	U
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>ShippingAmount</u>		0	1
	A free-form textual description of special requirements.			
	<u>Tax</u>		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	<u>SubTotalAmount</u>		0	U
	The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.			
	<u>TermsDiscountAmount</u>		0	1
	The total monetary amount of the payment terms discount.			
	<u>DiscountedAmountDue</u>		0	1
	The monetary amount due if paid by terms discount due date (total invoice or			

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	installment amount less cash discount.)
parent(s)	

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AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			
	<u>PartnerInformation</u>			
	<u>TaxLocation</u>			

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>InvoiceDetails</u>
	<u>InvoiceSummary</u>

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children	Name	Type	Use	Ма
	<u>AllowanceOrChargeTotalAmount</u>		0	1
	The total monetary amount for the allowance or charge.			
	<u>AllowanceOrChargeRate</u>		0	1
	The rate per unit of the allowance or charge.			
	<u>AllowanceOrChargePercent</u>	decimal	0	•
	The allowance or charge expressed as a percentage.			
	AllowanceOrChargeNumber	string	0	1
	The identifier assigned by a vendor referencing an allowance, promotion, deal charge.	or		
	AllowanceOrChargeTypeCode	string	Ο	•
	A code identifying the kind of allowance or charge being described.			
	Freight FuelSurc	harge		
	SpecialHandlingService Dis	count		
	FlatRate			
	EngineeringCharge			
	InvoiceAdjustment			
	InsuranceSurcharge			
	OneTimeLicenseFee Roy	/alties		
	MiscellaneousCharge PostageC	harge		
	TrailerRentalCharge			
	TransportationDirectBilling			
	TransportationVendorProvided	Other		
	MethodOfHandlingCode	string	Ο	
	A code which describes how a particular allowance or charge should be handle	ed.		
	OffInvoice			
	ChargeToBePaidByCustomer			
	Other			
	AllowanceOrChargeDescription	string	0	
	A free form description used to clarify the related allowance and charge data elements and their content.			
	<u>AllowanceOrChargeQuantity</u>		0	
	The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.	9		
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceSubLineItem</u>			
	<u>InvoiceSummary</u>			

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>InvoiceDetails</u>			
	<u>InvoiceSummary</u>			
parent(s)	<u>AllowanceOrCharge</u>			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

<u>InvoiceDetails</u>			
<u>InvoiceSummary</u>			
Name	Туре	Use	Max
Quantity	decimal	М	1
A numeric count of measure.			
UnitOfMeasureCode	string	M	1
A code identifying the units in which measurement is expressed.			
Use values from the DE 355 code list contained in ASC X12 release 3030.			
<u>AllowanceOrCharge</u>			
	InvoiceSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	InvoiceSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	InvoiceSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	<u>InvoiceDetails</u>			
	<u>InvoiceSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	0	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>AllowanceOrCharge</u>			

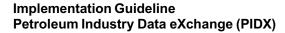
AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

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	CurrencyCode	string	0	1
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
children	Name	Туре	Use	Max
	InvoiceSummary			
level	<u>InvoiceDetails</u>			
note				

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	A code indicating the currency in which the monetary amount is specified.
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>AllowanceOrCharge</u>

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

InvoiceProperties InvoiceDetails						
InvoiceDetails ContactInformation	note					
parent(s) ContactInformation attributes Name Type Use Fixed alternativeCommunicationMethodIndicator string M A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX	level	<u>InvoiceProperties</u>				
attributes Name Type Use Fixed alternativeCommunicationMethodIndicator string M A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX		<u>InvoiceDetails</u>				
alternativeCommunicationMethodIndicator string M A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX	parent(s)	ContactInformation				
A code to indicate the type of alternative communication method. AUTOVON EDIAccessNumber FederalTelecommunicationsSystem PacketSwitching StationCode Telemail Telex TWX	attributes	Name		Туре	Use	Fixed
AUTOVON EDIAccessNumber FederalTelecommunicationsSystem PacketSwitching StationCode Telemail Telex TWX		alternativeCommunicationMethodIndicator		string	М	
EDIAccessNumber FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX		A code to indicate the type of alternative communication method.				
FederalTelecommunicationsSystem IPAddress PacketSwitching PrinterID StationCode Telemail Telex TWX		AUTOVON				
PacketSwitching PrinterID StationCode Telemail Telex TWX		EDIAccessNumber				
StationCode Telemail Telex TWX		FederalTelecommunicationsSystem	IPAddress			
Telex		PacketSwitching	PrinterID			
		StationCode	Telemail			
Other		Telex	TWX			
		Other				

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	InvoiceLineItem			
	<u>InvoiceProperties</u>			

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Invoice SubLine Item

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Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	GeographicalInformation			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	<u>InvoiceDetails</u>			
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencyIndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

ino idonanoi oi	the contact person of department.				
note					
level	<u>InvoiceProperties</u>				
	<u>InvoiceDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

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ContactInformation

A collection of elements defining details of communication for a contact person.

level	InvoiceProperties				
	III VOIGE TOPETICS				
	<u>InvoiceDetails</u>				
children	Name		Туре	Use	Max
	ContactIdentifier		string	0	1
	The identifier of the contact person or department.				
	ContactName		string	0	1
	The name of the contact person within the organization.				
	ContactDescription		string	0	1
	A free-form textual description of the contact.				
	<u>Telephone</u>			0	U
	A collection of elements detailing information about a telephone	one number.			
	EmailAddress		string	0	1
	The address assigned to a person or organization to receive	e electronic messages.			
	<u>AlternativeCommunicationMethod</u>		string	0	U
	Additional methods of communication, such as an IP Addres addition to those specifically listed elsewhere in contact or a				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	М	1
	A code indicating a country.			

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Com.Pro.Serv.

	se the codelist from ISO 3166·1:1997 Codes for the representation of names of countries and their subdissions-Part 1:Country Codes.
parent(s)	!punjp >ljp >ttPm
	InvoiceProeerties
	InvoiceSublineItem

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CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceProperties</u>			
	<u>InvoiceSubLineItem</u>			

Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	PaymentTerms PaymentTerms			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

note	
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

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DiscountAmount

The monetary amount of a discount based upon payment terms.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

DiscountedAmountDue

The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)

note				
level	<u>InvoiceSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	InvoiceSummary			

Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note	
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>

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children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

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EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	M	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

FieldTicketInformation

A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.

essages.				
note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	FieldTicketNumber	string	M	1
	A unique identifier for a Field Ticket.			
	FieldTicketDate	date	0	1
	The date upon which a field ticket was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
parent(s)	InvoiceLineItem			
	<u>InvoiceProperties</u>			
	<u>InvoiceSubLineItem</u>			

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GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	M	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	<u>GeographicalInformation</u>			

HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note	
HOLO	

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level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

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HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or HazardousMaterialDescription is required.			
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

Intrastat

A collection of elements used for international (European) purposes.

note	This structure was created to satisfy international requirements as outlined by BASDA.
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>





A code indicating the categorization of a product or service in accordance with a particular standard. Should only be used at the InvoiceDetails level. CommodityDescription string O A textual description of the commodity code. TransactionNature string O Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits int O ???????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered.	children	Name		Type	Use	Max
particular standard. Should only be used at the InvoiceDetails level. CommodityDescription string O A textual description of the commodity code. TransactionNature string O Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits int O ?????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination O The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string O A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		<u>CommodityCode</u>		string	0	1
CommodityDescription A textual description of the commodity code. TransactionNature Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits Int O 77777777777777777777777777777777777			ance with a			
A textual description of the commodity code. TransactionNature string O Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits int O ????????????????????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination O The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string O A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		Should only be used at the InvoiceDetails level.				
TransactionNature Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Ocean Truck		CommodityDescription		string	0	1
Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits int O ??????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string O A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		A textual description of the commodity code.				
Should only be used at the InvoiceProperties level. SupplementaryUnits int O ??????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string O A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		TransactionNature		string	0	1
SupplementaryUnits ??????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck		Identifies the nature of the transaction				
Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		Should only be used at the InvoiceProperties level.				
Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		SupplementaryUnits		int	0	1
CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		???????????????				
The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string O A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck		Should only be used at the InvoiceDetails level.				
TransportMethodCode A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Ocean		CountryOfFinalDestination			0	1
A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck		The country where product is ultimately delivered or is deemed to ha	ve been delivere	ed.		
Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		TransportMethodCode		string	0	1
Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		A code indicating the mode of transportation used to move product.				
ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		Air				
CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck		•				
Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck						
ParcelPost Rail SupplierTruck Truck						
SupplierTruck Truck						

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	Other
parent(s)	<u>InvoiceLineItem</u>
	<u>InvoiceProperties</u>
	<u>InvoiceSubLineItem</u>

InvoiceQuantity

The number of units of an item or service invoiced.

Max
1
1

InvoiceTotal

The total amount payable including tax and related charges.

note				
level	<u>InvoiceSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceSummary</u>			

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JobLocationIdentifier

A unique identifier referencing the job location.

note					
level	<u>InvoiceProperties</u>				
	<u>InvoiceDetails</u>				
parent(s)	<u>JobLocationInformation</u>				
attributes	Name		Туре	Use	Fixed
	jobLocationIdentifierIndicator		string	0	
	A code to define what type of location the identifier is referencing.				
	ChemicalPlant	Coal-			
	Degas	CogenerationPlant			
	Construction	Dock			
	GasPlant				
	IndustrialServiceMiscellaneous				
	MilitaryGovernment	PaperMill			
	PetroleumPlant	Pipeline			
	Refinery	Rig			
	UtilityPlant				
	Other				

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>

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children	Name		Туре	Use	Max
	<u>JobLocationIdentifier</u>		string	О	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	WellInformation			0	1
	A collection of elements detailing information about a well.				
	JobSiteCategory		string	0	1
	A code indicating the kind of site on which the job is located.		•		
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other	onaoigrounaou			
	AddressInformation			0	1
	A collection of elements defining the details of an address.			Ū	•
	GeographicalInformation			0	1
	A collection of elements defining a geographical location.			J	•
parent(s)	InvoiceLineItem InvoiceProperties				
	<u>InvoiceSubLineItem</u>				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

note					
level	<u>InvoiceDetails</u>				
parent(s)	<u>LineItemInformation</u>				
attributes	Name		Туре	Use	Fixed
	identifierIndicator		string	M	
	A code to indicate the origin of the identifier.				
	AssignedByBuyer				
	AssignedByManufacturer				
	AssignedBySeller				
	CatalogueNumber	UPCNumber			
	Other				

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	InvoiceLineItem			
	<u>InvoiceSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	•			
note				
level	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>InvoiceLineItem</u>
	<u>InvoiceSubLineItem</u>

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Location

A collection of elements giving details about a location.

note					
level	<u>InvoiceProperties</u>				
	<u>InvoiceDetails</u>				
children	Name	Туре	Use	Max	
	LocationIdentifier	string	0	1	
	A unique identifier for a physical location.				
	LocationName	string	0	1	
	The name of the location being referenced.				
	<u>AddressInformation</u>		0	1	
	A collection of elements defining the details of an address.				
	GeographicalInformation		0	1	
	A collection of elements defining a geographical location.				
	LocationDescription	string	0	1	
	Free-form textual description of the location.				
parent(s)	<u>TransportInformation</u>				
attributes	Name	Туре	Use	Fixed	
	locationIndicator	string	0		
	A code to identify what kind of location is being referenced. FreightEqualizationPoint				
	OnVessel-FOBPoint OnVessel-FOBPoint				
	AssignedBySeller				
	Origin-AfterLoadingOnEquipment				
	Origin-ShippingPoint				
	Plant				
	ShippingDestination				
	Warehouse				
	Other				

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	М	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	М	1
	The largest measurement in a given range.			
parent(s)	<u>PriceBasis</u>			

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PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	<u>InvoiceProperties</u>				
	<u>InvoiceDetails</u>				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber	1		
	DUNS+4Number				
	Other				

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PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	М	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceProperties</u>			
	InvoiceSubLineItem_			





attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	М	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			

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PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one DaysDue is required.	of DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Perc	entOfInvoicePay	able is re	quired
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Ma
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate Invoice	Date		
	InvoiceReceiptDate	Other		
	PaymentTermsBasisDate	date	0	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "M the month and "DD" the day.	M"		
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applicab	e).		
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		Ο	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		Ο	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	Ο	1
	A percentage used to calculate the penalty on any balance unpaid by the due of	ate.		
1/2	Invested to the or			
parent(s)	InvoiceLineItem			
	InvoiceProperties			
	<u>InvoiceSubLineItem</u>			

PersonnelInformation

A collection of elements detailing relevant personnel information.

note	
level	<u>InvoiceDetails</u>

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children	Name	Туре	Use	Max
	PersonnelName The name of the person being referenced.	string	0	1
	CompanyName The name of the company.	string	0	1
	Personnelldentifier A unique identifier for an employee of an organization.	string	0	1
	TimeWorked The time period worked by a specific employee completing a service.		0	1

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	JobDescription A free-form textual description of the job.	string	0	1
	Comment A free-form textual structure for general information or comments.	string	0	1
parent(s)	InvoiceLineItem			
	InvoiceSubLineItem			

PostalCountry

The country code indicating the country to which mail should be delivered.

	···································			
note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	Measurement	decimal	Ο	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	Pricing			

Pricing

A collection of elements detailing price information.

note	
level	<u>InvoiceDetails</u>

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children	Name	Туре	Use	Max
	<u>UnitPrice</u>		M	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceSubLineItem</u>			

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PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

note				
level	<u>InvoiceProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceProperties</u>			

PurchaseOrderInformation

A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.

oiceProperties oiceDetails me rchaseOrderNumber nique identifier for an Order Create message. rchaseOrderlssuedDate e date upon which an order was created or deemed to have mat is CCYY-MM-DD where "CC" represents the century, " month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. nfirmation easeOrDeliveryOrder		Type string date	Use M O	Max 1 1
rchaseOrderNumber nique identifier for an Order Create message. rchaseOrderIssuedDate e date upon which an order was created or deemed to have mat is CCYY-MM-DD where "CC" represents the century, " month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. Infirmation	YY" the year, "MM"	string date	м О	1
rchaseOrderNumber nique identifier for an Order Create message. rchaseOrderIssuedDate e date upon which an order was created or deemed to have mat is CCYY-MM-DD where "CC" represents the century, " month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. nfirmation	YY" the year, "MM"	string date	м О	1
nique identifier for an Order Create message. rchaseOrderIssuedDate e date upon which an order was created or deemed to have mat is CCYY-MM-DD where "CC" represents the century, " month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. nfirmation	YY" the year, "MM"	date	0	1
rchaseOrderIssuedDate e date upon which an order was created or deemed to have mat is CCYY-MM-DD where "CC" represents the century, " month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. Infirmation	YY" the year, "MM"			
e date upon which an order was created or deemed to have mat is CCYY-MM-DD where "CC" represents the century, "month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. Infirmation	YY" the year, "MM"			
mat is CCYY-MM-DD where "CC" represents the century, "month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. Infirmation	YY" the year, "MM"	string	0	1
month and "DD" the day. rchaseOrderTypeCode ode indicating the kind of purchase order. nfirmation		string	o	1
ode indicating the kind of purchase order.	EmergencyOrder	string	0	1
nfirmation	EmergencyOrder			
	EmergencyOrder			
easeOrDeliveryOrder				
•	RushOrder			
ndAloneOrder				
pplyOrServiceOrder	Other			
easeNumber		string	0	1
umber identifying a release against a purchase order previo ties involved in the transaction. It is the equivalent to a work				
esOrderNumber		string	0	1
e identifier assigned by a supplier to an order placed by a cu	istomer.			
visionNumber		string	0	1
	message is resent			
e vi u	sOrderNumber dentifier assigned by a supplier to an order placed by a cu sionNumber	sOrderNumber identifier assigned by a supplier to an order placed by a customer. sionNumber mber indicating the version of the document. It is used if a message is resent	sOrderNumber string identifier assigned by a supplier to an order placed by a customer. sionNumber string mber indicating the version of the document. It is used if a message is resent	sOrderNumber string O identifier assigned by a supplier to an order placed by a customer. sionNumber string O mber indicating the version of the document. It is used if a message is resent

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parent(s)	<u>InvoiceLineItem</u>
	<u>InvoiceProperties</u>
	<u>InvoiceSubLineItem</u>

RateOfExchangeDetail

A collection of elements containing the detail of the exchange rate between two currencies.

note	
level	<u>InvoiceProperties</u>

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children	Name	Туре	Use	Max
	ReferenceCurrency		M	1
	The currency from which a monetary value is to be converted using a rate of exchange.			
	<u>TargetCurrency</u>		М	1
	The currency to which the monetary value is to be converted using a rate of exchange.			
	ExchangeRate	string	M	1
	An equation which converts monetary amounts into different denominations.			
	DateOfRateOfExchange	date	0	1
	The date upon which the exchange rate was quoted.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>InvoiceProperties</u>			

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ReferenceCurrency

The currency from which a monetary value is to be converted using a rate of exchange.

note				
level	<u>InvoiceProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	М	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>RateOfExchangeDetail</u>			

ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, b	ut not both	١.
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references	string	М	1
	Description A free-form textual explanation or clarification.	string	0	1
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceProperties</u>			
	<u>InvoiceSubLineItem</u>			





referenceInformationIndicator A code to identify what type of information is being referenced. AFENumber BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber ProposalNumber ProposalNumber	attributes	Name		Type	Use	Fixed
BillOfLading Certification CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber				string	M	
CertifiedInspectionTestResults ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber ProjectNumber		AFENumber	BatchNumber			
ConfigurationNumber ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		BillOfLading	Certification			
ContractNumber CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber ProjectNumber		CertifiedInspectionTestResults				
CostAllocationReference CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber CostCenter CostC		ConfigurationNumber				
CustomerAccountingReference CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		ContractNumber				
CustomerReferenceNumber DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CostAllocationReference	CostCenter			
DeliveryTicketNumber DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CustomerAccountingReference				
DivisionIdentifier EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		CustomerReferenceNumber				
EngineeringChangeOrderNumber LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		DeliveryTicketNumber				
LetterOfCreditNumber LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		DivisionIdentifier				
LocationNumber MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		EngineeringChangeOrderNumber	JobNumber			
MaterialSafetyDataSheet OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		LetterOfCreditNumber				
OperatorGeneralLedgerCode OriginalInvoiceNumber PriceAreaNumber ProjectNumber		LocationNumber				
OriginalInvoiceNumber PriceAreaNumber ProjectNumber		MaterialSafetyDataSheet				
PriceAreaNumber ProjectNumber		OperatorGeneralLedgerCode				
		OriginalInvoiceNumber				
ProposalNumber		PriceAreaNumber	ProjectNumber			
. 10 p c c an 1 an 1 c c		ProposalNumber				

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	QuoteNumber	
	RequestForQuotationNumber	
	TemplateNumber	Other
SecondCuri	ency	

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	<u>InvoiceProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceProperties</u>			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>
parent(s)	InvoiceLineItem
	<u>InvoiceProperties</u>
	<u>InvoiceSubLineItem</u>

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attributes	Name	Туре	Use	Fixed
	dateTypeIndicator	string	M	
	A code to identify which date being given.			
	ArriveLocationDate	InvoiceDueDate		
	InvoicePeriodStartDate			
	LeaveLocationDate			
	PromisedForDelivery			
	PromisedForShipment			
	RequestedForDelivery			
	RequestedForShipment			
	ServicePeriodEnd			
	ServicePeriodStart	ShipDate		
	Other			

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ShippingAmount

The monetary amount of shipping or freight charges.

note				
level	<u>InvoiceDetails</u>			
	InvoiceSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceSubLineItem</u>			
	<u>InvoiceSummary</u>			

SpecialInstructions

A free-form textual description of special requirements.

note					
level	<u>InvoiceProperties</u>				
	<u>InvoiceDetails</u>				
parent(s)	<u>InvoiceLineItem</u>				
	InvoiceProperties				
	<u>InvoiceSubLineItem</u>				
attributes	Name		Туре	Use	Fixed
	instructionIndicator		string	0	
	A code to identify the type of instruction being given.				
	CarrierInstructions				
	ConsigneeInstructions				
	DriverInstructions				
	EmptyReturnInstructions				
	InspectionInstructions				
	RoutingInstructions				
	ShipperInstructions	ShortLeadTime	e		
	Tolerances	Othe	r		

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SubTotalAmount

The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.

note				
level	InvoiceSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	InvoiceSummary			
attributes	Name	Туре	Use	Fixed
	subTotalIndicator	string	M	
	A code to indicate the type of subtotal being given.			
	Equipment L	abor		
	Materials C	ther		

TargetCurrency

The currency to which the monetary value is to be converted using a rate of exchange.

note				
level	<u>InvoiceProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	RateOfExchangeDetail			

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>InvoiceDetails</u>
	<u>InvoiceSummary</u>





children	Name		Туре	Use	Ma
	TaxTypeCode		string	M	1
	A code indicating the kind of tax being applied.				
	CitySalesTax				
	CountyParishSalesTax	CountyTax			
	FederalExciseTax				
	GoodsAndServicesTax				
	GrossReceiptsTax	LocalTax			
	MetropolitanTransitTax				
	StateAndLocalSalesTax				
	StateProvincialTax	StateSalesTax			
	ValueAddedTax	WellServiceTax			
	Other				
	MixedRateIndicator		string	0	1
	A mixed rate VAT tax indicator. This is used for European tax purpos	ses.			
	TaxldentifierNumber		string	0	1
	A unique number or code issued to an organization by a government regulatory body identifying that entity for tax purposes.	al or			
	TaxExemptCode		string	0	1
	A code identifying exemption status from sales and use tax.				
	DirectPay	Exempt			
	NonExempt	Other			
	<u>TaxLocation</u>			0	1
	The physical or deemed location at which tax is calculated based upon by a governmental or regulatory body.	on jurisdiction			
	TaxRate		decimal	0	1
	The percentage or monetary amount charged on a transaction.				
	<u>TaxBasisAmount</u>			0	1
	The monetary amount which is subject to tax.				
	<u>TaxAmount</u>			0	1
	The monetary amount of the tax.				
	TaxReference		string	0	1
	A free-form textual explanation or clarification.				
parent(s)	InvoiceLineItem				
	<u>InvoiceSubLineItem</u>				
	<u>InvoiceSummary</u>				

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TaxAmount

The monetary amount of the tax.

note				
level	<u>InvoiceDetails</u>			
	InvoiceSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

note				
level	<u>InvoiceDetails</u>			
	InvoiceSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	<u>InvoiceProperties</u>
	<u>InvoiceDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	PartnerInformation			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>InvoiceDetails</u>			
	<u>InvoiceSummary</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>InvoiceProperties</u>			
	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	PhoneNumber A numerical sequence to reach a telephone attached to a communication network.	string ork.	М	1
	PhoneNumberExtension An extension number that is needed to further identify the phone number.	string	0	1
	TelecomCountryCode The dialing code from another country to access the telephone network in another country.	string	0	1
	TelecomAreaCode The area code within a country or jurisdiction, if needed, to access local telephones within the country.	string	0	1
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixed
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	Mobile		
	Pager	Voice		

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TermsDiscountAmount

The total monetary amount of the payment terms discount.

note				
level	InvoiceSummary			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			

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	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	InvoiceSummary			

TimeWorked

The time period worked by a specific employee completing a service.

<u>InvoiceDetails</u>			
Name	Туре	Use	Max
Quantity	decimal	М	1
A numeric count of measure.			
UnitOfMeasureCode	string	M	1
A code identifying the units in which measurement is expressed.			
Use values from the DE 355 code list contained in ASC X12 release 3030.			
PersonnelInformation			
	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.





TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>InvoiceDetails</u>
	<u>InvoiceSummary</u>

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Name		Туре	Use	Ma
ShipmentMethodOfPayment		string	M	1
A code indicating payment terms for transportation charges.				
Collect	Collect-			
FreightCreditedBackToCustomer	D: 1			
CustomerPickupBackhaul	Pickup			
PrepaidBySeller	Prepaid-			
•	rviceFreight-			
	nirdPartyPay			
Other				
RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment mov	ement.	string	0	1
OriginCarrier-AirMotorOcean				
OriginDeliveryCarrier-AnyMode				
Other				
TransportMethodCode A code indicating the mode of transportation used to move product.		string	0	1
Air	AirExpress			
Barge	BestWay-			
ShippersOption	Boat			
	editedTruck			
Motor-CommonCarrier	Ocean			
ParcelPost	Rail			
SupplierTruck	Truck			
Vessel	Other			
PartnerInformation A collection of elements detailing partner information.	Other		0	ι
Location			0	ι
A collection of elements giving details about a location.				
ShipmentTermsCode A code indicating the terms under which a product is shipped, such as F Prepaid, FOB or similar.	reight	string	0	1
Routing A free-form description of the shipping route to be provided for transports	ation of	string	0	1
product.	ation of			
ServiceLevelCode		string	0	1
A code indicating the level of service required.		Jy	•	•
HazardousMaterials A collection of elements conveying hazardous goods information related	to a		0	1
product.				
CarrierEquipmentCode		string	0	1

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	A code indicating the kind of equipment parent(s) the carrier.			
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>InvoiceLineItem</u>			
	<u>InvoiceProperties</u>			
	<u>InvoiceSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>InvoiceDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

-				
note				
level	<u>InvoiceDetails</u>			
	<u>InvoiceSummary</u>			
parent(s)	WellInformation			
attributes	Name	Туре	Use	Fixed
	wellIdentifierIndicator	strin	g O	
	A code to indicate the origin of the Well Identifier.			
	Number	CustomerNumber		
	UWINumber	Other		

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>InvoiceDetails</u>
	<u>InvoiceSummary</u>

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children	Name		Туре	Use	Ma
	WellIdentifier		string	М	U
	A unique identifier referencing a well, such as an UWI number.				
	WellName		string	0	1
	The customer name of a well.				
	WellType		string	0	1
	A code indicating the function of the well.				
	Brine	DirectionalGas			
	DirectionalNonWell	DirectionalOil			
	DisposalWell	Environmental			
	Gas	HorizontalGas			
	HorizontalOil	IndustrialDisposal			
	IndustrialNonWell	Injection			
	NonWell	Oil			
	Relief	Storage			
	Sulfur	Thermal			
	Uranium	Water			
	Other				
	WellCategory		string	0	1
	A code indicating the category of a well.				
	Abandoned	DevBelow3000			
	Development	ExistingWell			
	NonWell	ReacidizeWell			
	Recompletion	RefractedWell			
	Wildcat	Workover			
	Other				
parent(s)	<u>JobLocationInformation</u>				

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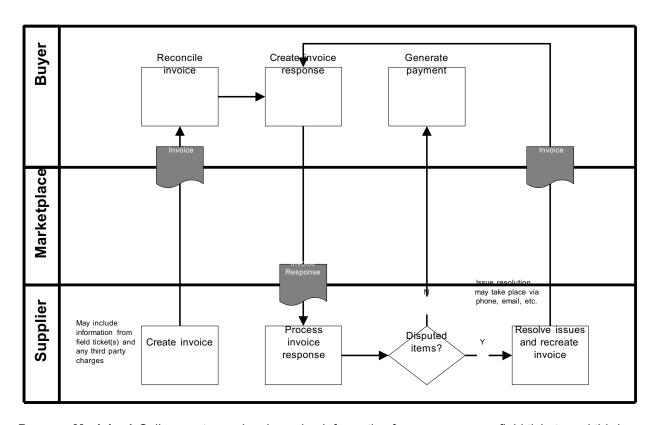




15.0 Invoice Response

15.1 Business Process Diagram

Below is the Business Process Diagram for the Invoice Response transaction. This is not the only method in which the process can take place, however, it represents a primary process. Third parties, including a Marketplace, may be involved if necessary.



Process Model - A Seller creates an invoice using information from one or many field tickets and third party charges, if applicable. The invoice is sent to the Buyer. The Buyer reconciles the invoice and creates an invoice response and sends to the Seller. The Seller processes the response. Any disputes are handled by phone, email, etc. If necessary, once disputes are resolved, a corrected invoice is generated and sent to the Buyer. Once all information is correct, the Buyer generates payment for the invoice.

The Invoice Response document is used to accept or dispute the information provided by the Invoice.

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15.2 Legend to Tables

The following tables detail the elements and attributes that make up the Invoice Response. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (2)
A collection of elements detailing information about a telephone number.

3 note		
level	OrderCreateProperties OrderCreateDetails	
children	(5)	ax 1
	A numerical sequence to reach a telephone attached to a communication network. PhoneNumberExtension An extension number that is needed to further identify the phone number.	1
		1
	Tollooning Tollooning Tollooning	1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.	
parent(s)	Contact (n%) rmation	
attributes	Name 10 telephonelndicator 11 14 12 tring 0	ed
	A code to indicate the type of phone number being given.	
	Fax Mobile	
	Pager	
	Other	

Leg	end
1	The name of the element.
2	The definition of the element.
3	Contains any business rules or comments about the element
4	Identifies whether or not the element is under the Property, Detail, or Summary level of the document
5	Contains the name of the child elements and their definitions. Those elements in blue are links to the element specification. Only those elements that contain children or attributes are hyperlinked.
6	Indicates the data type of the element.
7	Indicates whether the element is mandatory (M) or optional (O).
8	Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)
9	Indicates the parent element of the element.

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10	Contains the name of any attributes and their definitions.
11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

15.3 Document Detail

InvoiceResponse

The root element of the Invoice Response message. It is used to acknowledge a previously sent Invoice.

note				
children	Name	Туре	Use	Max
	<u>InvoiceResponseProperties</u>		M	1
	A collection of elements defining the response "meta-data" or "common data".			
	<u>InvoiceResponseDetails</u>		M	1
	A collection of elements defining the details of the Invoice Response message.			
	<u>InvoiceResponseSummary</u>		M	1
	A collection of elements detailing the totals of the response.			
attributes	Name	Туре	Use	Fixed
	transactionPurposeIndicator	string	M	
	A code indicating the purpose of the transaction.			
	Add			
	Cancellation	•		
	Confirmation	e		
	Duplicate Origina			
	Replace	t		
	Other			
	version	decimal	M	1.0
	A fixed number indicating the version of the PIDX XML Standard on which the transaction is based.			

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InvoiceResponseProperties

A collection of e	elements defining the response "meta-data" or "common data".
note	

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nildren	Name	Туре	Use	Ma
	InvoiceResponseNumber	string	M	1
	A unique identifier for an Invoice Response message.			
	InvoiceResponseDate	date	M	1
	The date upon which a response was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	<u>PartnerInformation</u>		M	U
	A collection of elements detailing partner information.			
	<u>InvoiceInformation</u>		M	1
	A collection of elements containing relevant invoice information which needs to be referenced within other documentation and/or messages.			
	InvoiceTypeCode	string	0	1
	A code defining the type of invoice being transmitted.			
	CreditMemo DebitMem	0		
	ProductOrService Other	er		
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
	<u>PurchaseOrderInformation</u>		0	1
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>FieldTicketInformation</u>		0	1
	A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.			
	PrimaryCurrency		0	1
	The currency code indicating the currency to be used for the transaction.			
	SecondCurrency		0	1
	The currency code indicating a second currency, such as for European countries using the Euro and a local currency.			
	LanguageCode	string	0	1
	A code indicating the language used for the transaction.			
	Use the codelist from ISO 639-2:1998 Codes for the representation of names of languages – Part 2: Alpha-3 Code.			
	RateOfExchangeDetail		0	1
	A collection of elements containing the detail of the exchange rate between two currencies.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.		•	
	ServiceDateTime ServiceDateTime	datetime	0	ι
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	1
	The country where product originates or is deemed to have originated.		-	
	CountryOfFinalDestination		0	1
	The country where product is ultimately delivered or is deemed to have been		Ū	,
	delivered. Page 689 of 828			
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	TransportInformation		0	1
	A collection of elements detailing how product is transported.			•
	Intrastat		0	1
			Ū	•
	A collection of elements used for international (European) purposes.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	<u>SpecialInstructions</u>	string	0	U
	A free-form textual description of special requirements.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
parent(s)	InvoiceResponse			

InvoiceResponseDetails

A collection of elements defining the details of the Invoice Response message.

note				
children	Name	Туре	Use	Max
	<u>InvoiceResponseLineItem</u>		M	U
	A collection of elements defining the details of the line items making up the response.			
parent(s)	InvoiceResponse			





InvoiceResponseLineItem

A collection of elements defin	ng the details of the line	items making up the response.
--------------------------------	----------------------------	-------------------------------

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	Al.			
children	Name	Туре	Use	Max
	LineItemNumber A sequential individual line identifier within a document containing service or item	string	М	1
	information.			
	LineStatusCode	string	М	1
	A code which indicates the whether a line item has been approved, rejected, or is pending.			
	Accept	ng		
	Reject Oth	ner		
	LineResponseReasonCode	string	M	1
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	ChangeDescription	string	0	1
	A free-form textual description of changes made.			
	<u>LineItemInformation</u>		M	1
	A collection of elements detailing identifying information about a line item.			
	<u>InvoiceQuantity</u>		M	1
	The number of units of an item or service invoiced.			
	PurchaseOrderLineItemNumber	string	0	1
	A sequential individual line identifier within a purchase order document containing product or item information.			
	FieldTicketLineItemNumber	string	0	1
	A sequential individual line identifier within a Field Ticket document containing product or item information.			
	<u>FieldTicketInformation</u>		0	1
	A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.			
	<u>PurchaseOrderInformation</u>		0	1
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	<u>CommodityCode</u>		0	U
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	PartnerInformation		0	U
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		Ο	1
	A collection of elements giving details of a job location.			
	PersonnelInformation		0	U
	A collection of elements detailing relevant personnel information.			
	Pricing		0	1
	A collection of elements detailing price information.			
	<u>AllowanceOrCharge</u>		0	U
	A collection of elements defining the details of an allowance or charge to the customer.			
	Tax		0	U
	A collection of elements detailing information about tax applied to a transaction.			
	ShippingAmount Page 693 of 828		0	1
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	The monetary amount of shipping or freight charges.			
	<u>LineItemTotal</u>		0	1
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	<u>ServiceDateTime</u>	datetime	0	U
	The actual and/or schedule dates for a service.			
	CountryOfOrigin		0	1
	The country where product originates or is deemed to have originated.			
	CountryOfFinalDestination		0	1
	The country where product is ultimately delivered or is deemed to have been delivered.			
	<u>TransportInformation</u>		0	1
	A collection of elements detailing how product is transported.			
	<u>Intrastat</u>		Ο	1
	A collection of elements used for international (European) purposes.			
	<u>PaymentTerms</u>		0	1
	A collection of elements detailing payment terms information.			
	SpecialInstructions	string	0	U
	A free-form textual description of special requirements.			
	PackagingCharacteristicCode	string	0	U
	A code indicating the marking, packaging, loading and related characteristics bein described.	g		
	PackageSpecifications			
	ProductMarking SkidPalletTy	pe		
	TypeOfPackage Oth	ner		
	PackagingCharacteristicDescription	string	0	U
	Free-form text providing any additional information associated with the Packaging Characteristic Code.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	<u>Attachment</u>		0	U
	A collection of elements defining the details of an attachment to the document.			
	Comment	string	0	1
	A free-form textual structure for general information or comments.			
	<u>InvoiceResponseSubLineItem</u>		0	U
	A collection of elements defining the details of the sub line items of a response. It is used if a line item needs to be broken down into further detail.			
parent(s)	<u>InvoiceResponseDetails</u>			

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InvoiceResponseSubLineItem

A collection of elements	defining the details	of the sub line	items of a response.	It is used if a line item	needs to be broken o	down into
further detail.	-					

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children	Name	Туре	Use	Ma
	LineItemNumber	string	М	1
	The sub-line item number relating to the primary line item referenced in the message.			
	LineStatusCode	string	М	1
	A code which indicates the whether a line item has been approved, rejected, or is pending.			
	Accept	ng		
	Reject Oth	er		
	LineResponseReasonCode	string	М	1
	A code indicating the response to the line item, such as accepted, rejected, etc.			
	ChangeDescription	string	0	1
	A free-form textual description of changes made.			
	LineItemInformation		М	1
	A collection of elements detailing identifying information about a line item.			
	<u>InvoiceQuantity</u>		М	1
	The number of units of an item or service invoiced.			
	PurchaseOrderSubLineItemNumber	string	0	1
	A sequential individual sub-line identifier within an Order Create document containing product or item information that relates back to a parent line item.	_		
	FieldTicketLineSubItemNumber	string	0	1
	A sequential individual sub-line identifier within a Field Ticket document containing product or item information that relates back to a parent line item.	_		
	<u>FieldTicketInformation</u>		0	1
	A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.			
	<u>PurchaseOrderInformation</u>		0	1
	A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.			
	CommodityCode	string	0	ι
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	<u>PartnerInformation</u>		0	ι
	A collection of elements detailing partner information.			
	<u>JobLocationInformation</u>		0	1
	A collection of elements giving details of a job location.			
	PersonnelInformation		0	ι
	A collection of elements detailing relevant personnel information.			
	Pricing		Ο	1
	A collection of elements detailing price information.			
	<u>AllowanceOrCharge</u>		0	ι
	A collection of elements defining the details of an allowance or charge to the customer.			
	<u>Tax</u>		Ο	ι
	A collection of elements detailing information about tax applied to a transaction.			
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ShippingAmount	0	1
The monetary amount of shipping or freight charges.	3	•
LineItemTotal	0	1
A code indicating the response to the line item, such as accepted, rejected, etc.	•	•
ServiceDateTime datetime	0	U
The actual and/or schedule dates for a service.	•	•
CountryOfOrigin	0	1
The country where product originates or is deemed to have originated.	•	•
CountryOfFinalDestination	0	1
The country where product is ultimately delivered or is deemed to have been delivered.	_	-
TransportInformation	0	1
A collection of elements detailing how product is transported.		
Intrastat	0	1
A collection of elements used for international (European) purposes.		
PaymentTerms	0	1
A collection of elements detailing payment terms information.		
<u>SpecialInstructions</u> string	0	U
A free-form textual description of special requirements.		
PackagingCharacteristicCode string	0	U
A code indicating the marking, packaging, loading and related characteristics being described.		
PackageSpecifications		
ProductMarking SkidPalletType		
TypeOfPackage Other		
PackagingCharacteristicDescription string	0	U
Free-form text providing any additional information associated with the Packaging Characteristic Code.		
<u>ReferenceInformation</u>	0	U
A collection of elements detailing references to information that reside outside of the current transaction message.		
<u>Attachment</u>	0	U
A collection of elements defining the details of an attachment to the document.		
Comment string	0	1
A free-form textual structure for general information or comments.		
parent(s) InvoiceResponseLineItem		

InvoiceResponseSummary

A collection of elements detailing the totals of the response.

note

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children	Name	Туре	Use	Max
	TotalLineItems	integer	M	1
	The total number of line items contained in a message.			
	<u>InvoiceTotal</u>		M	1
	The total amount payable including tax and related charges.			
	AllowanceOrCharge		0	U
	A collection of elements defining the details of an allowance or charge to the customer.			

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	<u>ShippingAmount</u>	0	1
	A free-form textual description of special requirements.		
	<u>Tax</u>	0	U
	A collection of elements detailing information about tax applied to a transaction.		
	<u>SubTotalAmount</u>	0	U
	The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.		
	<u>TermsDiscountAmount</u>	0	1
	The total monetary amount of the payment terms discount.		
	<u>DiscountedAmountDue</u>	0	1
	The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)		
parent(s)	<u>InvoiceResponse</u>		

AddressInformation

A collection of elements defining the details of an address.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	POBoxNumber	string	0	1
	The identity of a physical box within a postal facility to accept and receive mail.			
	BuildingHouseNumber	string	0	1
	The alphanumeric identifier of a building as a part of an address.			
	StreetName	string	0	1
	The name of a street as part of an address.			
	AddressLine	string	0	U
	An occurrence of a generally accepted formatted line of data such that when combined with the entire address structure there is sufficient information for delivery or location purposes.			
	CityName	string	0	1
	The name of the city or municipality.			
	StateProvince	string	0	1
	The name of the municipality or town as a location for mailing, siting and other geographic functions.			
	PostalCode	string	0	1
	The code assigned by local postal authorities to delivery addresses.			
	<u>PostalCountry</u>		0	1
	The country code indicating the country to which mail should be delivered.			
	CountyName	string	0	1
	The name of the county.			
	LocationIdentifier			
	A unique identifier for a physical location.			

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parent(s)	<u>JobLocationInformation</u>
	<u>Location</u>
	<u>PartnerInformation</u>
	<u>TaxLocation</u>

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AllowanceOrCharge

A collection of elements defining the details of an allowance or charge to the customer.

note	If AllowanceOrCharge is used, then at least one of AllowanceOrChargeRate, AllowanceOrChargeTotalAmount, or AllowanceOrChargePercent is required.
level	<u>InvoiceResponseDetails</u>
	<u>InvoiceResponseSummary</u>

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	SpecialHandlingService FlatRate	on, deal or	decimal string string	0 0 0	1 1 1 1
	AllowanceOrChargeRate The rate per unit of the allowance or charge. AllowanceOrChargePercent The allowance or charge expressed as a percentage. AllowanceOrChargeNumber The identifier assigned by a vendor referencing an allowance, promotion charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	on, deal or FuelSurcharge	string	0	1
	The rate per unit of the allowance or charge. AllowanceOrChargePercent The allowance or charge expressed as a percentage. AllowanceOrChargeNumber The identifier assigned by a vendor referencing an allowance, promotion charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	on, deal or FuelSurcharge	string	0	1
	AllowanceOrChargePercent The allowance or charge expressed as a percentage. AllowanceOrChargeNumber The identifier assigned by a vendor referencing an allowance, promotic charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	on, deal or FuelSurcharge	string	0	1
	The allowance or charge expressed as a percentage. AllowanceOrChargeNumber The identifier assigned by a vendor referencing an allowance, promotion charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	on, deal or FuelSurcharge	string	0	1
	AllowanceOrChargeNumber The identifier assigned by a vendor referencing an allowance, promotic charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	on, deal or FuelSurcharge	_		
	The identifier assigned by a vendor referencing an allowance, promotic charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	on, deal or FuelSurcharge	_		
	charge. AllowanceOrChargeTypeCode A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	- uelSurcharge	string	o	1
	A code identifying the kind of allowance or charge being described. Freight SpecialHandlingService FlatRate	FuelSurcharge	string	0	1
	Freight F SpecialHandlingService FlatRate				
	SpecialHandlingService FlatRate				
	FlatRate	Discount			
	FlatRate				
	FrainceringCharge				
	EngineeringCharge				
	InvoiceAdjustment				
	InsuranceSurcharge				
	OneTimeLicenseFee	Royalties			
	MiscellaneousCharge Pe	ostageCharge			
	TrailerRentalCharge				
	TransportationDirectBilling				
	TransportationVendorProvided	Other			
	MethodOfHandlingCode		string	0	1
	A code which describes how a particular allowance or charge should b	e handled.			
	OffInvoice				
	ChargeToBePaidByCustomer				
	Other				
	AllowanceOrChargeDescription		string	0	1
	A free form description used to clarify the related allowance and charge elements and their content.	e data			
	AllowanceOrChargeQuantity			0	1
	The quantity on which the allowance or charge is based if it is different purchase order or invoice quantity.	from the			
	elements and their content. AllowanceOrChargeQuantity The quantity on which the allowance or charge is based if it is differ				0
_	InvoiceResponseLineItem InvoiceResponseSubLineItem InvoiceResponseSummary				

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attributes	Name	Type	Use	Fixed
	allowanceOrChargeIndicator	string	M	
	A code to indicate whether the information relates to an allowance or charge.			
	Allowance			
	Charge			
	Other			

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AllowanceOrChargePercent

The allowance or charge expressed as a percentage.

note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
parent(s)	<u>AllowanceOrCharge</u>			
attributes	Name	Туре	Use	Fixed
	percentIndicator	string	0	
	A code indicating on what basis the allowance or charge percent is calculated.			

AllowanceOrChargeQuantity

The quantity on which the allowance or charge is based if it is different from the purchase order or invoice quantity.

<u>InvoiceResponseDetails</u>			
<u>InvoiceResponseSummary</u>			
Name	Туре	Use	Max
Quantity	decimal	М	1
A numeric count of measure.			
UnitOfMeasureCode	string	M	1
A code identifying the units in which measurement is expressed.			
Use values from the DE 355 code list contained in ASC X12 release 3030.			
<u>AllowanceOrCharge</u>			
	InvoiceResponseSummary Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	InvoiceResponseSummary Name Type Quantity decimal A numeric count of measure. UnitOfMeasureCode string A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	InvoiceResponseSummary Name Type Use Quantity decimal M A numeric count of measure. UnitOfMeasureCode string M A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.

AllowanceOrChargeRate

The rate per unit of the allowance or charge.

note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
	UnitOfMeasureCode A code identifying the units in which measurement is expressed.	string	М	1
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	0	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	AllowanceOrCharge			

AllowanceOrChargeTotalAmount

The total monetary amount for the allowance or charge.

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note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount The currency value of a transaction or item.	decimal	М	1
	CurrencyCode	string	0	1

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	A code indicating the currency in which the monetary amount is specified.
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>AllowanceOrCharge</u>

AlternativeCommunicationMethod

Additional methods of communication, such as an IP Address or Printer ID, in addition to those specifically listed elsewhere in contact or address information.

note					
level	<u>InvoiceResponseProperties</u>				
	<u>InvoiceResponseDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	alternativeCommunicationMethodIndicator		string	М	
	A code to indicate the type of alternative communication method.				
	AUTOVON				
	EDIAccessNumber				
	FederalTelecommunicationsSystem	IPAddress			
	PacketSwitching	PrinterID			
	StationCode	Telemail			
	Telex	TWX			
	Other				

Attachment

A collection of elements defining the details of an attachment to the document.

note	
level	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseDetails</u>

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children	Name	Туре	Use	Max
	AttachmentPurposeCode	string	0	1
	A code to indicate the purpose of the attachment.			
	Template			
	Other			
	FileName	string	0	1
	The name of the file in an attachment.			
	AttachmentTitle	string	0	1
	The title of the attachment.			
	AttachmentDescription	string	0	1
	A free-form textual description of the attachment.			
	FileType	string	0	1
	The type of the file in an attachment.			
	AttachmentLocation	string	0	1
	The location of the attachment, such as a URL.			
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseProperties</u>			

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InvoiceResponseSubLineItem

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Block

A collection of elements defining the details of a block, which identifies a location.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	BlockName	string	0	1
	The name of the block, which identifies a location.			
	OCSGNumber	string	0	1
	The Outer Continental Shelf Gulf number.			
	StateLease	string	0	1
	Lease on state land.			
parent(s)	<u>GeographicalInformation</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
level	<u>InvoiceResponseDetails</u>			
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseSubLineItem</u>			
attributes	Name	Туре	Use	Fixed
	agencylndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

ContactIdentifier

The identifier of the contact person or department.

note					
level	<u>InvoiceResponseProperties</u>				
	<u>InvoiceResponseDetails</u>				
parent(s)	ContactInformation				
attributes	Name		Туре	Use	Fixed
	contactIdentifierIndicator		string	0	
	A code to identify the origin of the contact identifier.				
	AssignedByBuyer				
	AssignedBySeller	EmployeeID			
	Other				

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ContactInformation

A collection of elements defining details of communication for a contact person.

note	It is recommended that ContactInformation be used at eithe	r the Property or Detail	level, but r	not both.	
level	<u>InvoiceResponseProperties</u>				
	<u>InvoiceResponseDetails</u>				
children	Name		Type	Use	Max
	ContactIdentifier		string	0	1
	The identifier of the contact person or department.				
	ContactName		string	0	1
	The name of the contact person within the organization.				
	ContactDescription		string	0	1
	A free-form textual description of the contact.				
	<u>Telephone</u>			0	U
	A collection of elements detailing information about a telepho	ne number.			
	EmailAddress		string	0	1
	The address assigned to a person or organization to receive	electronic messages.			
	<u>AlternativeCommunicationMethod</u>		string	0	U
	Additional methods of communication, such as an IP Address addition to those specifically listed elsewhere in contact or ad				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	contactInformationIndicator		string	M	
	A code indicating the function of the contact.				
	BuyerDepartment	DeliveryContact			
	DesignEngineer	Engineer			
	EnteredBy				
	FieldRepresentative				
	OfficeRepresentative				
	OrderContact	PurchasingAgent			
	QuotePreparer	QuoteRequestor			
	RFQContact				
	SalesRepresentative				
	ServiceCoordinator				
	TechnicalMarketingRepresentative				
	Other				

CountryOfFinalDestination

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The country where product is ultimately delivered or is deemed to have been delivered.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			

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	se the codelist from ISO 3166·1:1997 Codes for the representation of names of countries and their subdisions-Part 1:Country Codes.
parent(s)	!punjpPBP5QnrnPI jp>ttPm
	InvoiceResponsePrope:rties
	InvoiceReseonseSublineItem

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CountryOfOrigin

The country where product originates or is deemed to have originated.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseSubLineItem</u>			

Deferred

The terms for a deferred payment in relation to a transaction.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>DeferredAmount</u>		0	1
	The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.			
	DeferredDueDate	date	0	1
	The date upon which a deferred payment is due.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDeferredPayable	decimal	0	1
	The amount due that is deferred for payment expressed as a percentage.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	PaymentTerms PaymentTerms			

DeferredAmount

The monetary amount that is deferred for payment based upon terms in an invoice, contract or agreement.

note	
level	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseDetails</u>

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children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Deferred</u>			

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DiscountAmount

The monetary amount of a discount based upon payment terms.

note				
level	InvoiceResponseProperties			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Discounts</u>			

DiscountedAmountDue

The monetary amount due if paid by terms discount due date (total invoice or installment amount less cash discount.)

	· · · · · · · · · · · · · · · · · · ·		,	
note				
level	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceResponseSummary</u>			

Discounts

The monetary amount allowed or applied as a credit against a transaction or balance.

note	
level	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseDetails</u>

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children	Name	Туре	Use	Max
	DaysDue	integer	0	1
	The number of days from the payment terms basis date before a discount expires.			
	DiscountsDueDate	date	0	1
	The date upon which a discount expires.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	PercentDiscount	decimal	0	1
	A discount to be applied to the transaction expressed as a percentage.			
	<u>DiscountAmount</u>		0	1
	The monetary amount of a discount based upon payment terms.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
parent(s)	<u>PaymentTerms</u>			

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EffectiveDates

The period of time (or range) where the information is valid or guaranteed.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	FromDate	date	М	1
	The date upon which a time period begins.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	ToDate	date	М	1
	The date upon which a time period ends.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>TaxInformation</u>			

FieldTicketInformation

A collection of elements containing relevant field ticket information which needs to be referenced within other documentation and/or messages.

3				
note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	FieldTicketNumber	string	М	1
	A unique identifier for a Field Ticket.			
	FieldTicketDate	date	0	1
	The date upon which a field ticket was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resent in its entirety to replace an earlier version.			
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseSubLineItem</u>			

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GeographicalInformation

A collection of elements defining a geographical location.

note	If any one of Section, Township, or Range is given then the other two are required	d.		
level	InvoiceResponseProperties			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	FieldName	string	0	1
	The name of the oil field.			
	Section	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Township	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Range	string	0	1
	A part of Section/Township/Range location identifier scheme.			
	Region	string	0	1
	The name of a geographic region.			
	Block		0	1
	A collection of elements defining the details of a block, which identifies a location.			
	<u>GPSCoordinates</u>		0	1
	A collection of elements containing latitude and longitude data for a specific location.			
parent(s)	<u>JobLocationInformation</u>			
	<u>Location</u>			

GPSCoordinates

A collection of elements containing latitude and longitude data for a specific location.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	Latitude	string	М	1
	The specified latitude of a location.			
	Longitude	string	M	1
	The specified longitude of a location.			
parent(s)	<u>GeographicalInformation</u>			

HazardousMaterialClassCode

A code indicating the kind of hazard for a material.

note	
11010	

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level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
parent(s)	<u>HazardousMaterials</u>			
attributes	Name	Туре	Use	Fixed
	hazardousMaterialIndicator	string	M	
	A code which qualifies the Hazardous Material Class Code.			

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HazardousMaterials

A collection of elements conveying hazardous goods information related to a product.

note	If HazardousMaterials is used, then at least one of SpecialHandlingCode or Haz required.	ardousMateri	alDescript	ion is
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	SpecialHandlingCode	string	0	1
	A code identifying any special transportation handling instructions			
	HazardousMaterialDescription	string	0	1
	A free-form textual explanation of information related to a hazardous shipment.			
	<u>HazardousMaterialClassCode</u>	string	0	U
	A code indicating the kind of hazard for a material.			
parent(s)	TransportInformation			

Intrastat

A collection of elements used for international (European) purposes.

note	This structure was created to satisfy international requirements as outlined by BASDA.]
level	<u>InvoiceResponseProperties</u>	1
	<u>InvoiceResponseDetails</u>	





Name		Туре	Use	Max
<u>CommodityCode</u>		string	0	1
A code indicating the categorization of a product or service in accord particular standard.	ance with a			
Should only be used at the InvoiceDetails level.				
CommodityDescription		string	0	1
A textual description of the commodity code.				
TransactionNature		string	0	1
Identifies the nature of the transaction				
Should only be used at the InvoiceProperties level.				
SupplementaryUnits		int	0	1
???????????????				
Should only be used at the InvoiceDetails level.				
CountryOfFinalDestination			0	1
The country where product is ultimately delivered or is deemed to ha	ve been delivere	ed.		
TransportMethodCode A code indicating the mode of transportation used to move product.		string	0	1
Air	AirExpress			
Barge	BestWay-			
ShippersOption				
	Truck			
	CommodityCode A code indicating the categorization of a product or service in accord particular standard. Should only be used at the InvoiceDetails level. CommodityDescription A textual description of the commodity code. TransactionNature Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits ???????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to ha TransportMethodCode A code indicating the mode of transportation used to move product. Air Barge ShippersOption	CommodityCode A code indicating the categorization of a product or service in accordance with a particular standard. Should only be used at the InvoiceDetails level. CommodityDescription A textual description of the commodity code. TransactionNature Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits ??????????????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Trucks	A code indicating the categorization of a product or service in accordance with a particular standard. Should only be used at the InvoiceDetails level. CommodityDescription string A textual description of the commodity code. TransactionNature string Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits int ???????????????????????????????? Should only be used at the InvoiceDetails level. CountryOfFinalDestination The country where product is ultimately delivered or is deemed to have been delivered. TransportMethodCode string A code indicating the mode of transportation used to move product. Air AirExpress Barge BestWay- ShippersOption Boat CustomerPickup ExpeditedTruck Motor-CommonCarrier Ocean ParcelPost Rail SupplierTruck Truck	A code indicating the categorization of a product or service in accordance with a particular standard. Should only be used at the InvoiceDetails level. CommodityDescription string O A textual description of the commodity code. TransactionNature string O Identifies the nature of the transaction Should only be used at the InvoiceProperties level. SupplementaryUnits int O ???????????????????????????????????





	Other
parent(s)	<u>InvoiceResponseLineItem</u>
	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseSubLineItem</u>

InvoiceInformation

A collection of elements containing relevant invoice information which needs to be referenced within other documentation and/or messages.

note				
level	<u>InvoiceResponseProperties</u>			
children	Name	Туре	Use	Max
	InvoiceNumber	string	M	1
	A unique identifier for an Invoice message.			
	InvoiceDate	date	0	1
	The date upon which an invoice was created or deemed to have been issued.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "I the month and "DD" the day.	MM"		
	InvoiceTypeCode	string	0	1
	A code defining the type of invoice being transmitted.			
	CreditMemo Debit	:Memo		
	ProductOrService	Other		
	RevisionNumber	string	0	1
	A number indicating the version of the document. It is used if a message is resin its entirety to replace an earlier version.	sent		
parent(s)	InvoiceResponseProperties			

InvoiceQuantity

The number of units of an item or service invoiced.

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note				
level	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	Quantity	decimal	М	1
	A numeric count of measure.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	InvoiceResponseLineItem			
	<u>InvoiceResponseSubLineItem</u>			

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InvoiceTotal

The total amount payable including tax and related charges.

note				
level	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceResponseSummary</u>			

JobLocationIdentifier

A unique identifier referencing the job location.

	9 ,					
note						
level	<u>InvoiceResponseProperties</u>					
	<u>InvoiceResponseDetails</u>					
parent(s)	<u>JobLocationInformation</u>					
attributes	Name		Туре	Use	Fixed	
	jobLocationIdentifierIndicator		string	0		
	A code to define what type of location the identifier is referencing					
	ChemicalPlant	Coal-				
	Degas	CogenerationPlant				
	Construction	Dock				
	GasPlant					
	IndustrialServiceMiscellaneous					
	MilitaryGovernment	PaperMill				
	PetroleumPlant	Pipeline				
	Refinery	Rig				
	UtilityPlant					
	Other					

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JobLocationInformation

A collection of elements giving details of a job location.

note	
level	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseDetails</u>

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children	Name		Туре	Use	Max
	<u>JobLocationIdentifier</u>		string	0	U
	A unique identifier referencing the job location.				
	JobLocationClassCode		string	0	1
	A code indicating the class of the job location.				
	FederalWaters	Land			
	InlandWaters	StateWaters			
	Other				
	JobLocationDescription		string	0	1
	A free-form textual description of the job location.				
	JobLocationStatus		string	0	1
	A code indicating whether a location is active or inactive.				
	Inactive	Active			
	Other				
	WellInformation			0	1
	A collection of elements detailing information about a well.				
	JobSiteCategory		string	0	1
	A code indicating the kind of site on which the job is located.				
	Boiler	CivilHighways			
	Compression	Condenser			
	ConstructPiles	Dams			
	HeatExchanger				
	IndustrialServiceMiscellaneous	Piping			
	Production	TowerVessel			
	Turbine	UndergroundStr			
	Other				
	AddressInformation			0	1
	A collection of elements defining the details of an address.				
	GeographicalInformation			0	1
	A collection of elements defining a geographical location.				
parent(s)	InvoiceResponseLineItem InvoiceResponseProperties				
	<u>InvoiceResponseSubLineItem</u>				

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LineItemIdentifier

The unique identifier for a product or service making up the line item.

<u>InvoiceResponseDetails</u>				
<u>LineItemInformation</u>				
Name		Туре	Use	Fixed
identifierIndicator		string	M	
A code to indicate the origin of the identifier.				
AssignedByBuyer				
AssignedByManufacturer				
AssignedBySeller				
CatalogueNumber	UPCNumber	-		
Other				
	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber	LineItemInformation Name identifierIndicator A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type identifierIndicator string A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber	LineItemInformation Name Type Use identifierIndicator string M A code to indicate the origin of the identifier. AssignedByBuyer AssignedByManufacturer AssignedBySeller CatalogueNumber UPCNumber

LineItemInformation

A collection of elements detailing identifying information about a line item.

note				
level	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>LineltemIdentifier</u>	string	0	U
	The unique identifier for a product or service making up the line item.			
	LineItemName	string	0	1
	The name of the product or service in the line item.			
	LineItemDescription	string	0	1
	A free-form textual description of the line item.			
	Manufacturerldentifier	string	0	1
	A unique identifier for a manufacturer.			
parent(s)	InvoiceResponseLineItem			
	<u>InvoiceResponseSubLineItem</u>			

LineItemTotal

The net total monetary amount for the line item.

	•			
note				
level	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			

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	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.
parent(s)	<u>InvoiceResponseLineItem</u>
	<u>InvoiceResponseSubLineItem</u>

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Location

A collection of elements giving details about a location.

note				
level	InvoiceResponseProperties			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	<u>AddressInformation</u>		0	1
	A collection of elements defining the details of an address.			
	GeographicalInformation		0	1
	A collection of elements defining a geographical location.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
parent(s)	<u>TransportInformation</u>			
attributes	Name	Туре	Use	Fixed
	locationIndicator	string	0	
	A code to identify what kind of location is being referenced. FreightEqualizationPo	int		
	OnVessel-FOBPoint			
	AssignedBySeller			
	Origin-AfterLoadingOnEquipment			
	Origin-ShippingPoint			
	Plant			
	ShippingDestination			
	Warehouse			
	Other			

MeasurementRange

A collection of elements providing a minimum and maximum measurement to create a range.

note				
level	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	MinimumMeasurement	decimal	М	1
	The smallest measurement in a given range.			
	MaximumMeasurement	decimal	M	1
	The largest measurement in a given range.			
parent(s)	<u>PriceBasis</u>			

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PartnerIdentifier

A unique identifier indicating a particular partner or organization.

note					
level	<u>InvoiceResponseProperties</u>				
	<u>InvoiceResponseDetails</u>				
parent(s)	<u>PartnerInformation</u>				
attributes	Name		Туре	Use	Fixed
	partnerldentifierIndicator		string	M	
	A code to identify the origin of the Partner Identifier.				
	AssignedByBuyer				
	AssignedBySeller	DUNSNumber			
	DUNS+4Number				
	Other				





PartnerInformation

A collection of elements detailing partner information.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	<u>PartnerIdentifier</u>	string	М	U
	A unique identifier indicating a particular partner or organization.			
	PartnerName	string	0	1
	The name of the organization being referenced in Partner Information.			
	<u>AddressInformation</u>	string	0	1
	A collection of elements defining the details of an address.			
	ContactInformation	string	0	U
	A collection of elements defining details of communication for a contact person.			
	<u>TaxInformation</u>	string	0	1
	A collection of elements detailing tax information about a partner.			
	URL	string	0	1
	A Uniform Resource Locator indicating an internet address.			
parent(s)	InvoiceResponseLineItem			
	<u>InvoiceResponseProperties</u>			
	InvoiceResponseSubLineItem			





attributes	Name	Туре	Use	Fixed
	partnerRoleIndicator	string	M	
	A code to indicate the role in this transaction of the partner being referenced.			
	BillAndShipTo			
	BillTo			
	Carrier			
	CommissionPayee			
	FinalRecipient			
	Manufacturer			
	Marketplace			
	Materiallssuer			
	OnsiteContractingCompany			
	OperatingCompany			
	Payer			
	PrimaryContractor			
	RemitTo			
	Seller			
	ShipFromParty			
	ShipToParty			
	SoldTo			
	ThirdParty			
	Vendor			
	Warehouse			
	Other			





PaymentTerms

A collection of elements detailing payment terms information.

note	If either one of PercentDiscount or DiscountAmount is used, then at least one of DaysDue is required.	of DiscountsDue	Date or	
	If DeferredDueDate is used, then at least one of DeferredAmountDue or Percei	ntOfInvoicePaya	able is re	quired
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	PaymentTermsOfSale	string	0	1
	The terms on which payment is calculated for the transaction.			
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PaymentTermsBasisDateCode	string	0	1
	A code identifying the beginning of the terms period.			
	DeliveryDate InvoiceE	Date		
	InvoiceReceiptDate	ther		
	PaymentTermsBasisDate	date	0	1
	The date from which payment terms or discounts are calculated or based.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MV the month and "DD" the day.	" "		
	TermsNetDays	integer	0	1
	The number of days until the total invoice amount is due (discount not applicable).		
	PercentOfInvoicePayable	decimal	0	1
	The amount of an invoice payable expressed as a percentage.			
	<u>Discounts</u>		Ο	1
	The monetary amount allowed or applied as a credit against a transaction or balance.			
	<u>Deferred</u>		0	1
	The terms for a deferred payment in relation to a transaction.			
	Penalty	string	0	1
	A percentage used to calculate the penalty on any balance unpaid by the due da	te.		
parent(s)	InvoiceResponseLineItem			
	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseSubLineItem</u>			

PersonnelInformation

A collection of elements detailing relevant personnel information.

note	
level	<u>InvoiceResponseDetails</u>

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children	Name	Туре	Use	Max
	PersonnelName The name of the person being referenced.	string	0	1
	CompanyName The name of the company.	string	0	1
	Personnelldentifier A unique identifier for an employee of an organization.	string	0	1
	TimeWorked The time period worked by a specific employee completing a service.		0	1

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	JobDescription A free-form textual description of the job.	string	0	1
	Comment A free-form textual structure for general information or comments.	string	0	1
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseSubLineItem</u>			

PostalCountry

The country code indicating the country to which mail should be delivered.

	<u> </u>			
note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	CountryCode	string	M	1
	A code indicating a country.			
	Use the codelist from ISO 3166-1:1997 Codes for the representation of names of countries and their subdivisions – Part 1: Country Codes.			
parent(s)	AddressInformation			

PriceBasis

A structure allowing for a price to be based on more than just a single unit of measure.

note				
level	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	Measurement	decimal	0	1
	A numeric value for technical or attribute data.			
	<u>MeasurementRange</u>		0	1
	A collection of elements providing a minimum and maximum measurement to create a range.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	BasisDescription	string	0	1
	Free-form textual description of the basis.			
parent(s)	Pricing			

Pricing

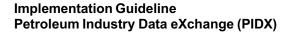
A collection of elements detailing price information.

note	
level	<u>InvoiceResponseDetails</u>

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children	Name	Туре	Use	Max
	<u>UnitPrice</u>		M	1
	The unit price of the product or service being sold.			
	<u>PriceBasis</u>		0	U
	A structure allowing for a price to be based on more than just a single unit of measure.			
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseSubLineItem</u>			

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PrimaryCurrency

The currency code indicating the currency to be used for the transaction.

note				
level	<u>InvoiceResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceResponseProperties</u>			

PurchaseOrderInformation

A collection of elements containing relevant purchase order information which needs to be referenced within other documentation and/or messages.

ponseProperties			
<u>ponseDetails</u>			
	Туре	Use	Ма
rderNumber	string	M	1
entifier for an Order Create message.			
rderlssuedDate	date	0	1
on which an order was created or deemed to have bee	en issued.		
CYY-MM-DD where "CC" represents the century, "YY" and "DD" the day.	the year, "MM"		
rderTypeCode	string	0	1
ating the kind of purchase order.			
1	EmergencyOrder		
eliveryOrder	RushOrder		
Order			
rviceOrder	Other		
nber	string	0	1
entifying a release against a purchase order previously ved in the transaction. It is the equivalent to a work ord			
Number	string	0	1
r assigned by a supplier to an order placed by a custo	mer.		
mber	string	0	1
dicating the version of the document. It is used if a mear σ to replace an earlier version.	ssage is resent		
d	icating the version of the document. It is used if a me	icating the version of the document. It is used if a message is resent	icating the version of the document. It is used if a message is resent

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parent(s)	<u>InvoiceResponseLineItem</u>
	<u>InvoiceResponseProperties</u>
	InvoiceResponseSubLineItem

RateOfExchangeDetail

A collection of elements containing the detail of the exchange rate between two currencies.

note	
level	<u>InvoiceResponseProperties</u>





children	Name	Туре	Use	Max
	ReferenceCurrency		M	1
	The currency from which a monetary value is to be converted using a rate of exchange.			
	<u>TargetCurrency</u>		М	1
	The currency to which the monetary value is to be converted using a rate of exchange.			
	ExchangeRate	string	М	1
	An equation which converts monetary amounts into different denominations.			
	DateOfRateOfExchange	date	0	1
	The date upon which the exchange rate was quoted.			
	Format is CCYY-MM-DD where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day.			
parent(s)	<u>InvoiceResponseProperties</u>			

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ReferenceCurrency

The currency from which a monetary value is to be converted using a rate of exchange.

note				
level	<u>InvoiceResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode A code indicating the currency in which the monetary amount is specified.	string	M	1
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>RateOfExchangeDetail</u>			

ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note	It is recommended that ReferenceInformation be used at either the Property or D	etail level, b	ut not both	١.
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	ReferenceNumber A number or identifier that is used to reference documents or information not included within a particular message. The referenceInformationIndicator attribute qualifies what this number references	string	M	1
	Description A free-form textual explanation or clarification.	string	0	1
parent(s)	InvoiceResponseLineItem			
	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseSubLineItem</u>			





attributes	Name		Type	Use	Fixed
	referenceInformationIndicator A code to identify what type of information is being referenced.		string	M	
	AFENumber	BatchNumber			
	BillOfLading	Certification			
	CertifiedInspectionTestResults				
	ConfigurationNumber				
	ContractNumber				
	CostAllocationReference	CostCenter			
	CustomerAccountingReference				
	CustomerReferenceNumber				
	DeliveryTicketNumber				
	DivisionIdentifier				
	EngineeringChangeOrderNumber	JobNumber			
	LetterOfCreditNumber				
	LocationNumber				
	MaterialSafetyDataSheet				
	OperatorGeneralLedgerCode				
	OriginalInvoiceNumber				
	PriceAreaNumber	ProjectNumber			
	ProposalNumber				

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	QuoteNumber	
	RequestForQuotationNumber	
	TemplateNumber C	Other
SecondCurr	encv	

The currency code indicating a second currency, such as for European countries using the Euro and a local currency.

note				
level	<u>InvoiceResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	М	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceResponseProperties</u>			

ServiceDateTime

The actual and/or schedule dates for a service.

note	Format is CCYY-MM-DDThh:mm:ss where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss" represent hour, minute and second respectively.
	The CCYY field must have at least four digits, the MM, DD, SS, hh, mm and ss fields exactly two digits each. Leading zeroes must be used if the field would otherwise have too few digits.
	If no time is to be given then use zeroes in the hh, mm and ss fields.
	This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or, to indicate the time zone, i.e. the difference between the local time and Coordinated Universal Time, immediately followed by a sign, + or -, followed by the difference from UTC represented as hh:mm (note: the minutes part is required). For example, to indicate 1:20 pm on May the 31st, 1999 for Eastern Standard Time which is 5 hours behind Coordinated Universal Time (UTC), one would write: 1999-05-31T13:20:00-05:00.
level	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseDetails</u>
parent(s)	<u>InvoiceResponseLineItem</u>
	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseSubLineItem</u>

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attributes	Name		Туре	Use	Fixed
	dateTypeIndicator		string	M	
	A code to identify which date being given.				
	ArriveLocationDate	InvoiceDueDate			
	InvoicePeriodStartDate				
	LeaveLocationDate				
	PromisedForDelivery				
	PromisedForShipment				
	RequestedForDelivery				
	RequestedForShipment				
	ServicePeriodEnd				
	ServicePeriodStart	ShipDate			
	Other				

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ShippingAmount

The monetary amount of shipping or freight charges.

note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	InvoiceResponseLineItem			
	<u>InvoiceResponseSubLineItem</u>			
	<u>InvoiceResponseSummary</u>			

SpecialInstructions

A free-form textual description of special requirements.

note					
level	<u>InvoiceResponseProperties</u>				
	<u>InvoiceResponseDetails</u>				
parent(s)	<u>InvoiceResponseLineItem</u>				
	<u>InvoiceResponseProperties</u>				
	<u>InvoiceResponseSubLineItem</u>				
attributes	Name		Туре	Use	Fixed
	instructionIndicator		string	0	
	A code to identify the type of instruction being given.				
	CarrierInstructions				
	ConsigneeInstructions				
	DriverInstructions				
	EmptyReturnInstructions				
	InspectionInstructions				
	RoutingInstructions				
	ShipperInstructions	ShortLeadTime	е		
I	Tolerances	Othe	_		

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SubTotalAmount

The monetary amount of the subtotal. It is qualified by the subTotalIndicator attribute which identifies what the subtotal is referencing.

note				
level	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceResponseSummary</u>			
attributes	Name	Туре	Use	Fixed
	subTotalIndicator	string	M	
	A code to indicate the type of subtotal being given.			
	Equipment	bor		
	Materials Ot	her		

TargetCurrency

The currency to which the monetary value is to be converted using a rate of exchange.

note				
level	<u>InvoiceResponseProperties</u>			
children	Name	Туре	Use	Max
	CurrencyCode	string	M	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	RateOfExchangeDetail			

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Tax

A collection of elements detailing information about tax applied to a transaction.

note	It is recommended that Tax be used at the Detail level to support tax exemptions. However, many systems cannot provide detail-level Tax information at this time, therefore, Tax is not mandatory at the detail level.
level	<u>InvoiceResponseDetails</u>
	<u>InvoiceResponseSummary</u>





children	Name		Туре	Use	Max
	TaxTypeCode		string	М	1
	A code indicating the kind of tax being applied.				
	CitySalesTax				
	CountyParishSalesTax	CountyTax			
	FederalExciseTax				
	GoodsAndServicesTax				
	GrossReceiptsTax	LocalTax			
	MetropolitanTransitTax				
	StateAndLocalSalesTax				
	StateProvincialTax	StateSalesTax			
	ValueAddedTax	WellServiceTax			
	Other				
	MixedRateIndicator		string	0	1
	A mixed rate VAT tax indicator. This is used for European tax purpo	ses.			
	TaxIdentifierNumber		string	0	1
	A unique number or code issued to an organization by a governmen regulatory body identifying that entity for tax purposes.	tal or			
	TaxExemptCode		string	0	1
	A code identifying exemption status from sales and use tax.				
	DirectPay	Exempt			
	NonExempt	Other			
	<u>TaxLocation</u>			0	1
	The physical or deemed location at which tax is calculated based up by a governmental or regulatory body.	on jurisdiction			
	TaxRate		decimal	0	1
	The percentage or monetary amount charged on a transaction.				
	<u>TaxBasisAmount</u>			0	1
	The monetary amount which is subject to tax.				
	<u>TaxAmount</u>			0	1
	The monetary amount of the tax.				
	TaxReference		string	0	1
	A free-form textual explanation or clarification.		•		
	·				
parent(s)	<u>InvoiceResponseLineItem</u>				
	<u>InvoiceResponseSubLineItem</u>				
	InvoiceResponseSummary				

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TaxAmount

The monetary amount of the tax.

note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	М	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxBasisAmount

The monetary amount which is subject to tax.

note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>Tax</u>			

TaxInformation

A collection of elements detailing tax information about a partner.

note	
level	<u>InvoiceResponseProperties</u>
	<u>InvoiceResponseDetails</u>

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children	Name	Туре	Use	Max
	TaxIdentifierNumber A unique number or code issued to an organization by a governmental or regulatory body identifying that entity for tax purposes.	string	0	1
	Jurisdiction The authority exercised by a nation, a judicial body, or a legislative body over persons, places, and property. Jurisdiction may apply to the territory over which a nation has control, including the land area, the adjacent sea, and the airspace above. It may also refer to the authority of an international body to make decisions binding on national entities.	string	0	1
	TaxCertificateType The category of tax certificate for which an identifying number is issued.	string	0	1
	TaxCertificateNumber The identifying number for a tax certificate such as tax exemption, sales and use tax certificate or other such document.	string	0	1
parent(s)	<u>PartnerInformation</u>			

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TaxLocation

The physical or deemed location at which tax is calculated based upon jurisdiction by a governmental or regulatory body.

note				
level	<u>InvoiceResponseDetails</u>			
	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	LocationIdentifier	string	0	1
	A unique identifier for a physical location.			
	LocationName	string	0	1
	The name of the location being referenced.			
	LocationDescription	string	0	1
	Free-form textual description of the location.			
	AddressInformation		0	1
	A collection of elements defining the details of an address.			
parent(s)	<u>Tax</u>			

Telephone

A collection of elements detailing information about a telephone number.

note				
level	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Ма
	PhoneNumber A numerical sequence to reach a telephone attached to a communication netwo	string ork.	М	1
	PhoneNumberExtension An extension number that is needed to further identify the phone number.	string	0	1
	TelecomCountryCode The dialing code from another country to access the telephone network in another country.	string	0	1
	TelecomAreaCode The area code within a country or jurisdiction, if needed, to access local telephones within the country.	string	0	1
parent(s)	ContactInformation			
attributes	Name	Туре	Use	Fixe
	telephoneIndicator	string	0	
	A code to indicate the type of phone number being given.			
	Fax	obile		
	Pager	/oice		

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TermsDiscountAmount

The total monetary amount of the payment terms discount.

note				
level	<u>InvoiceResponseSummary</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			

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	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	<u>InvoiceResponseSummary</u>			

TimeWorked

The time period worked by a specific employee completing a service.

<u> </u>			
<u>InvoiceResponseDetails</u>			
Name	Туре	Use	Max
Quantity	decimal	М	1
A numeric count of measure.			
UnitOfMeasureCode	string	М	1
A code identifying the units in which measurement is expressed.			
Use values from the DE 355 code list contained in ASC X12 release 3030.			
PersonnelInformation			
	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.	Name Quantity A numeric count of measure. UnitOfMeasureCode A code identifying the units in which measurement is expressed. Use values from the DE 355 code list contained in ASC X12 release 3030.





TransportInformation

A collection of elements detailing how product is transported.

note	If TransportInformation is used, then at least one of TransportMethodCode, Routing, or ServiceLevelCode is required.
level	<u>InvoiceResponseDetails</u>
	<u>InvoiceResponseSummary</u>

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I	Name	Type	Use	Ma
	ShipmentMethodOfPayment	string	M	1
	A code indicating payment terms for transportation charges.			
	Collect	ect-		
	FreightCreditedBackToCustomer			
	CustomerPickupBackhaul Picl			
	PrepaidBySeller Prepa			
	ChargedToCustomer ServiceFreig			
	NoCharge ThirdPartyF	Pay		
	Other			
	RoutingSequenceCode A code indicating the relationship of a carrier to a specific shipment movement.	string	0	1
	OriginCarrier-AirMotorOcean			
	OriginDeliveryCarrier-AnyMode			
	Other			
	TransportMethodCode A code indicating the mode of transportation used to move product.	string	0	1
	Air AirExpr	229		
	Barge BestW			
		oat		
	CustomerPickup ExpeditedTri			
	Motor-CommonCarrier Oce			
		Rail		
		uck		
	•	her		
		ilei	•	
	PartnerInformation A collection of elements detailing partner information.		0	ι
	Location A collection of elements giving details about a location.		0	ι
	ShipmentTermsCode A code indicating the terms under which a product is shipped, such as Freight Prepaid, FOB or similar.	string	0	1
	Routing A free-form description of the shipping route to be provided for transportation of product.	string	0	1
	ServiceLevelCode A code indicating the level of service required.	string	0	1
	HazardousMaterials A collection of elements conveying hazardous goods information related to a product.		0	1

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	A code indicating the kind of equipment parent(s) the carrier.			
	TransportName The identifier of specific vessel, truck, railcar, etc.	string	0	1
parent(s)	<u>InvoiceResponseLineItem</u>			
	<u>InvoiceResponseProperties</u>			
	<u>InvoiceResponseSubLineItem</u>			

UnitPrice

A collection of elements detailing how product is transported.

note				
level	<u>InvoiceResponseDetails</u>			
children	Name	Туре	Use	Max
	MonetaryAmount	decimal	M	1
	The currency value of a transaction or item.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
	CurrencyCode	string	0	1
	A code indicating the currency in which the monetary amount is specified.			
	Use the codelist from ISO 4217:2001 Codes for the representation of currencies and funds.			
parent(s)	Pricing			

WellIdentifier

A unique identifier referencing a well, such as an UWI number.

note				
level	InvoiceResponseDetails			
	<u>InvoiceResponseSummary</u>			
parent(s)	WellInformation			
attributes	Name	Туре	Use	Fixed
	wellIdentifierIndicator	string	0	
	A code to indicate the origin of the Well Identifier.			
	Number	CustomerNumber		
	UWINumber	Other		

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WellInformation

A collection of elements detailing information about a well.

note	
level	<u>InvoiceResponseDetails</u>
	<u>InvoiceResponseSummary</u>

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A unique identifier referencing a well, such as an number. WellName The customer name of a well. WellType string O A code indicating the function of the well. Brine DirectionalCas DirectionalOil DisposalWell Environmental Gas HorizontalOil IndustrialDisposal IndustrialDisposal IndustrialNonWell NonWell Oil Relief Storage Suifur Thermal Uranium Water Other WellCategory A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell Recompletion RefractedWell Wildcat Workover Other Workover Other	children	Name		Туре	Use	Ма
WellName string O The customer name of a well. WellType string O A code indicating the function of the well. Brine DirectionalGas DirectionalNonWell DirectionalOil DisposalWell Environmental Gas HorizontalGas HorizontalOil IndustrialDisposal IndustrialNonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		WellIdentifier		string	M	U
The customer name of a well. WellType A code indicating the function of the well. Brine DirectionalGas DirectionalNonWell DisposalWell Environmental Gas HorizontalOil IndustrialDisposal IndustrialNonWell NonWell NonWell Uranium Uranium Uranium Uranium Other WellCategory A code indicating the category of a well. Abandoned Development ExistingWell NonWell Recompletion RefractedWell Recompletion Wildcat Workover Other		A unique identifier referencing a well, such as an number.				
WellType A code indicating the function of the well. Brine DirectionalCons DirectionalOni DisposalWell Environmental Gas HorizontalOil IndustrialDisposal IndustrialNonWell NonWell Oil Relief Storage Sulfur Uranium Uranium Other WellCategory A code indicating the category of a well. Abandoned Development NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		WellName		string	0	1
A code indicating the function of the well. Brine Directional(Cas) Directional(NonWell Disposal(Well Environmental Gas Horizontal(Cas) Industrial(Disposal In		The customer name of a well.				
Brine DirectionalGas DirectionalNonWell DirectionalOil DisposalWell Environmental Gas HorizontalGas HorizontalOil IndustrialDisposal IndustrialNonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		WellType		string	0	1
DirectionalNonWell DisposalWell Environmental Gas HorizontalGas HorizontalGas HorizontalOil IndustrialNonWell NonWell NonWell Relief Storage Sulfur Uranium Water Other WellCategory A code indicating the category of a well. Abandoned Development ExistingWell NonWell ReaccidizeWell Recompletion Wildcat Wildcat Workover Other		A code indicating the function of the well.				
DisposalWell Environmental Gas HorizontalGas HorizontalOil IndustrialDisposal IndustrialNonWell Injection NonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		Brine	DirectionalGas			
Gas HorizontalOil IndustrialDisposal IndustrialNonWell NonWell Relief Storage Sulfur Thermal Uranium Uranium Other WellCategory A code indicating the category of a well. Abandoned Development ExistingWell NonWell Recompletion RefractedWell Wildcat Workover Other		DirectionalNonWell	DirectionalOil			
HorizontalOil IndustrialDisposal IndustrialNonWell Injection NonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		DisposalWell	Environmental			
IndustrialNonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		Gas	HorizontalGas			
NonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		HorizontalOil	IndustrialDisposal			
NonWell Oil Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		IndustrialNonWell	Injection			
Relief Storage Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other		NonWell				
Sulfur Thermal Uranium Water Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other						
Uranium Other WellCategory A code indicating the category of a well. Abandoned Development ExistingWell NonWell Recompletion RefractedWell Wildcat Workover Other						
Other WellCategory string O A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other						
WellCategory A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell Recompletion RefractedWell Wildcat Workover Other						
A code indicating the category of a well. Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other				strina	0	1
Abandoned DevBelow3000 Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other				•		
Development ExistingWell NonWell ReacidizeWell Recompletion RefractedWell Wildcat Workover Other			DevBelow3000			
NonWell Recompletion RefractedWell Wildcat Other						
Recompletion RefractedWell Wildcat Workover Other						
Wildcat Other						
Other						
			VVOIROVEI			
		5.110.				
parent(s) JobLocationInformation		<u>JobLocationInformation</u>				

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Appendix A: PIDX XML Schema to PIDX "PIP" Number

The PIPs and Global Business Action Codes (GBACs) in PIDX_RN-PIP_ParameterMatrix_v2 (01-408-20-45-2007, Version 2.0, published April 7, 2007) have been revised as of October 28, 2020

PIDX Document Number	Document Title	File Name	Version	Publication Date
01-408-20-45-2007	PIDX_RN-PIP_ParameterMatrix_v2	408_Matrix_XML_RN PIP ParameterMatrix_2007.xls	2.0	April 3, 2007
Superseded by:				
01-408-20-45-2007 (2020 edition)	PIDX_RN-PIP_ParameterMatrix_v3	408_Update_2020_PIDX_RN_PIP_Parameter_Matrix_01-408- 20-45-2007_(v.3.0_2020-10-28)	3.0	October 28, 2020

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FieldTicket	P11	Seller	Seller Service	Buyer	Buyer Service	Field Ticket Notification
FieldTicketResponse	P12	Buyer	Buyer Service	Seller	Seller Service	Field Ticket Reciept Notification
Invoice	P21	Seller	Seller Service	Buyer	Buyer Service	Invoice Notification
InvoiceResponse	P22	Buyer	Buyer Service	Seller	Seller Service	Invoice Receipt Notification
OrderCreate	P31	Buyer	Buyer Service	Seller	Seller Service	Purchase Order Notification
OrderChange	P32	Buyer	Buyer Service	Seller	Seller Service	Purchase Order Change Notification
OrderResponse	P33	Seller	Seller Service	Buyer	Buyer Service	Purchase Order Reciept Notification
QuoteRequest	P41	Buyer	Buyer Service	Seller	Seller Service	Request for Quote
Quote	P42	Seller	Seller Service	Buyer	Buyer Service	Quote

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QuoteNotification	P43	Buyer	Seller Service	Buyer	Buyer Service	Quote Notification
RequestRequisitionReturn	P51	Buyer	Buyer Service	Seller	Seller Service	Requisition Return Notification
OrderStatusRequest	P61	Buyer	Buyer Service	Seller	Seller Service	Order Status Notification
OrderStatusResponse	P62	Seller	Seller Service	Buyer	Buyer Service	Order Status Receipt Response
PipelineNominationChange	P71	Seller	Seller Service	Pipeline	Pipeline Service	Pipeline Nomination Change Notification
PipelineNominationCreate	P72	Seller	Seller Service	Pipeline	Pipeline Service	Pipeline Nomination Notification
PipelineNominationResponse	P73	Pipeline	Pipeline Service	Seller	Seller Service	Pipeline Nomination Reciept Notification
PipelineSchedule	P74	Pipeline	Pipeline Service	Seller	Seller Service	Pipeline Schedule Notification
ASN	P20	Seller	Seller Service	Buyer	Buyer Service	Advance Shipment Notification
CementingTemplate	P90	Seller	Seller Service	Buyer	Buyer Service	Cementing Job Notification
CustodyTicket	P75	Buyer	Buyer Service	Seller	Seller Service	Product Custody Notification
Receipt	P80	Seller	Seller Service	Buyer	Buyer Service	Receipt Notification
BillOfLadingCreate	P81	Carrier	Carrier Service	Shipper	Shipper Service	Bill of Lading Notification
BillOfLadingResponse	P82	Shipper	Shipper	Carrier	Carrier Service	Bill of Lading Receipt Notification
InventoryBalance	P83	Seller	Seller Service	Buyer	Buyer Service	Inventory Balance Notification
InventoryBalanceRequest	P84	Buyer	Buyer Service	Seller	Seller Service	Inventory Balance Request Notification
PriceSheet	P25	Seller	Seller Service	Buyer	Buyer Service	Price Sheet Notification

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Black Text = ComProServ RP3901

Blue Text = 2007 Update

Red Text = 2020 Update

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Appendix B: GlobalPartnerRoleClassificationCode Values

This table extracted from the RosettaNet EntityInstances.htm document.

GlobalPartnerRoleClassifi	ctionCode
Value	Definition
Financing Processor	The organization that processes the request for financing.
Product Provider	The partner role that creates a differentiated product, owns the registration process and creates a list of eligible products.
Credit Reference Requester	This partner role is responsible for requesting credit information about potential customers.
Account Supplier	Any trading partner that buys or sells products/services from customers and/or vendors.
Sales Marketing Claimant	The partner role that requests reimbursement from a Sales Marketing Claim Processor.
Sales Lead Processor	The party who receives the sales lead. This party is responsible for accepting or rejecting the lead, and if accepted, reports the status of the lead.
Sales Lead Originator	The party assigning a sales lead to another party.
Status Requester	The functional partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).
Payer	The party issuing a payment.
Status Responder	The organizational partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).
Return Receiver	A third-party or warehousing operation responsible for receiving returns, inspecting the package contents and comparing to the issued RMA to assure the contents are what was authorized on the RMA.
Return Provider	The party responsible for authorizing and/or processing the return.
Return Requester	Any party wishing to return a product. This role could be played by a large end-user such as the Government Services Administration (GSA), a distributor, or a reseller.
Authorizer	The partner role that provides product authorization, from a product owner or manufacturer, for a reselling organization to resell a product.
Anonymous Buyer	A requestor of information that chooses to remain anonymous.
Payee	The party receiving a payment.
Seller	An organization that sells products to partners in the supply chain.

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Solution Provider	The party that may architect, configure, engineer, sell, or determine the fulfillment of the configured solution to partners in the supply chain.
Sales Marketing Program Reimburser	The partner role that is currently processing a sales marketing claim, (or providing a payment without a claim submitted) and who provides information on the status of the claim processing.
Shipment Information User	The party who receives shipment status information.

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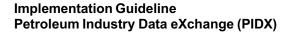
GlobalPartnerRoleClassific	tionCode
Value	Definition
Supplier	This partner role supplies product to customers in the supply chain.
Sales Facilitator	This partner role facilitates the sale of product between partners in the supply chain.
Product Supplier	This partner role supplies product to customers in the supply chain.
Customer	This partner role creates a demand for a product or service.
Credit Provider	This partner role is responsible for providing credit information about potential customers.
Customer Manager	This partner role manages the relationship with the business customers.
Specification Provider	The partner role that creates or passes on manufacturing specifications. This may be a Solution Provider, an OEM who is sub-contracting manufacturing tasks like fabrication or assembly, or another party.
Buyer	An employee or organization that buys products for a partner type in the supply chain.
Product Information User	The partner role that uses product information to create or update enterprise systems and online promotion systems such as electronic catalog systems.
Product Information Distributor	The partner role that distributes new product information to product information users and buyers.
Marketing Activity Initiator	The partner role that distributes information about marketing activities being sponsored by the organization.
Marketing Activity Information User	The party who uses information about Marketing Activities. This party might include distributors, and retail operations.
Sales Marketing Claim Processor	The partner role that processes the claim and/or remits compensation to the Sales Marketing Claimant.
Demand Creator	The partner role responsible for identifying the opportunity; submits design registration; provides engineering support to advance the opportunity to the higher stage towards design win and to generate revenue.
Product Information Subscriber	The business partner that subscribes to product information from other business partners.
ShipmentController	The party who is authorized to make decisions regarding a shipment while in-transit.
Catalog Distributor	The partner role that distributes catalog information to catalog producers and buyers.
Catalog Producer	The partner role that produces catalog information for a partner type in the supply chain.
Tender Information User	The stakeholder(s) in the tendering activity.
Account User	Any trading partner that requires an account to buy or sell products/services.

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Shipper	The party who relinquishes a shipment to a Transport Service Provider.
Claim Requester	The owner of the shipments who is responsible for the intact delivery.
Transport Service Provider	The party that provides transportation services for a Shipment Requester.
In-transit Information User	The party who receives shipment status information.

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GlobalPartnerRoleClassifictionCode			
Value	Definition		
Appointment Provider	The stakeholder(s) in the shipment delivery activity.		
Consignee	The receiver of the shipment.		
Decision Stakeholder	The party (such as suppliers, customers and others) who is responsible for the review and approval of the Engineering Change Approval Request. The stakeholders may be from multiple organizations.		
Invoice Receiver	The organization being invoiced.		
Invoice Provider	The organization that generates the invoice.		
Invoice Reject Receiver	The organization being issued an Invoice Reject Notification.		
Shipment Requester	The party requesting transportation services.		
Sales Marketing Program Reimbursement Recipient	The partner role that receives status on a previously submitted sales marketing claim, or who receives reimbursement without submitting a claim.		
Product Distributor	The party authorized by a Product Supplier to purchase goods and services from the Product Supplier and resell to customers.		
Implementation Plan Creator	The partner role that creates, maintains and manages an implementation plan associated with an Engineering Change Order.		
Invoice Reject Provider	The organization that rejects an invoice.		
Specification User	The partner role that uses a manufacturing specification. This might be a sub-contract assembler or fabricator.		
Change Requester	A party who has an interest in requesting a review of a possible change to the component. The requester may be any party including customers and suppliers.		
Forecast Owner	The party that creates a sales or order forecast and is ultimately responsible for it.		
Forecast Recipient	The party that receives a sales or order forecast.		
Delivery Appointment Provider	A party that receives a request for a change to a previously scheduled delivery appointment.		
Solution Requester	This party that creates a demand for a product or service, or has contracted with a Solution Provider for the manufacture or fulfillment of a product(s).		
Delivery Appointment Requester	A party that requests a change to a previously scheduled delivery appointment.		

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Change Review Forum	A party who has responsibility for the review of Engineering Change Requests and the drafting and review of Engineering Change Orders. The Change Review Forum is assumed to be at the company that has responsibility for the engineering aspects of the component affected by the change.
Stakeholder	The party that is required to implement an Engineering Change Order. The Stakeholder may include all levels of suppliers, customers or other parties. The Stakeholder may represent multiple organizations. The Stakeholder may draft and or be responsible for completing tasks in an implementation plan

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Appendix C: GlobalBusinesServiceCode Values

This table extracted from the RosettaNet EntityInstances.htm document.

GlobalBusinesServiceCode	
Value	Definition
Product Supplier Service	
Product Information Distributor Agent	
Product Information User Service	
Product Information Distributor Service	
Customer Manager Service	
Product Information Subscriber Service	
Buyer Service	
Customer Service	
Supplier Service	
Sales Facilitator Service	
Seller Service	

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Appendix D: GlobalBusinesActionCode Values

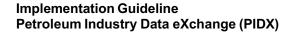
This table extracted from the RosettaNet EntityInstances.htm document.

GlobalBusinesActionCode Value	Definition
Failure Notification	An unsolicited informal notification of the failure to perform a business activity.
Product Information Notification	A product information notification contains unstructured sales catalog information.
Product Resource Update	A product resource update contains structured technical information and sales catalog information for updating online sales catalogs and enterprise systems.
Transportation Projection Notification	
Advance Shipment Notification	
Return Product Response	
Billing Statement Notification	
Remittance Advice Notification	
Shipper's Manifest Notification	
Purchase Order Status Notification	An unsolicited informal notification of the status of an existing open Purchase order. The status reflects the current state of the Purchase Order at the time of the request.
Financing Response	
Subscription Cancellation	Cancellation of an existing subscription.
Financing Request	
Shipment Status Query	
Shipment Status Response	
Invoice Reject Notification	
Shipment Status Notification	
Purchase Order Status Query	A query to request the status of an existing purchase order.

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Shopping Cart Transfer Acceptance	Confirms that the receiving partner is accepting the transfer of a shopping cart's contents for fulfillment.	
Shopping Cart Transfer	A request for a partner to accept the contents of a shopping cart.	
Technical Information Response	Response to a technical information user's query for technical information	
Technical Information Query	A query for technical information to a product information distributor.	

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GlobalBusinesActionCode Value	Definition
Product Information Response	Response to a product information user's query for product information.
Product Information Query	A query for product information from a product information distributor.
Price and Availability Response	Response to customer query for price and availability.
Stock Keeping Unit Creation Notification	A notification informing the customer manager that a new Stock Keeping Unit (SKU) has been created for the product.
Purchase Order Status Response	A response to a query requesting the status of an existing purchase order. The status reflects the current state of the Purchase Order at the time of the request.
Invoice Notification	
Purchase Order Acceptance	Confirms the creation, change or cancellation of a Purchase Order.
Purchase Order Cancellation	Cancellation of an existing Purchaser Order.
Purchase Order Change	A change of an existing Purchase Order.
Purchase Order Request	A request to accept a Purchase Order for fulfillment.
Subscription Confirmation	Confirms the creation, change, or cancellation of a subscription.
Subscription Request	A request to create a subscription for product information distribution.
Sales Promotion and Rebate Information Query	
Price and Availability Query	A query for product price and availability from a product supplier.
Marketing Information Query	
Account Change Request	
Account Setup Acknowledgment	
Account Request	
Product Discontinuation Information Query	
Shipment Change Confirmation	
Delivery Appointment Response	
Delivery Appointment Request	

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Shipment Receipt Notification	
Transportation Claim Response	
Account Change Response	
Create Remittance Advice	

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GlobalBusinesActionCode	
Value	Definition
Shipment Change Request	
Marketing Information Response	
Quote Response	
Quote Request	
Product Discontinuation Information Response	
Inspection Result Notification	
Subscription Change	Change of an existing subscription.
Lifecycle Information Response	
Product Lifecycle Query	
Sales Promotion and Rebate Information Response	
Transportation Claim Request	
Return Product Request	
Delivery Exception Notification	
Return Result	
Pending Return Notification	
Credit Reference Query	
Ship From Stock And Debit Authorization Response	
Ship From Stock And Debit Authorization Request	
Ship From Stock And Debit Claim Request	
Ship From Stock And Debit Claim Response	
Ship From Stock And Debit Claim Status Notification	
Updated Authorization Status Notification	Updated authorization status report notification to the product seller on active contracted resellers.

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Ship From Stock And Debit Authorization Status Query	
Credit Reference Response	
Ship From Stock And Debit Authorization Status Response	

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GlobalBusinesActionCode	
Value	Definition
Purchase Order Acceptance Notification	A notification of additional purchase order acceptance information.
Engineering Change Request	
Engineering Change Response	
Engineering Change Response Notification	
Engineering Change Approval Request	
Engineering Change Approval Response	
Engineering Change Order Notification	
Engineering Change Implementation Plan Notification	
Basic Product Information Change	
Registration Status Query	
Change Product Technical Information Confirmation	
Product Lifecycle Information Change	
Change Product Lifecycle Information Confirmation	
Optional Product Information Query	
Optional Product Information Response	
Product List Notification	
Design Registration Response	
Open Ship From Stock And Debit Authorization Status Notification	
Registration Status Notification	
Product Technical Information Change	
Registration Status Response	

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Change Product Sales Promotion and Rebate Information Confirmation	
Win Claim Request	
Product Sales Promotion and Rebate Information Change	
Change Product Marketing Information Confirmation	

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GlobalBusinesActionCode	
Value	Definition
Product Marketing Information Change	
Change Basic Product Information Acceptance	
Blanket Ship From Stock And Debit Authorization Notification	
Win Claim Response	
Design Registration Request	

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Appendix E: GlobalBusinesActionCode Values

This table extracted from the RosettaNet EntityInstances.htm document.

GlobalBusinesActionCode	
Value	Definition
Failure Notification	An unsolicited informal notification of the failure to perform a business activity.
Product Information Notification	A product information notification contains unstructured sales catalog information.





Appendix F: GlobalMimeTypeQualifierCode Values

This table extracted from the RosettaNet EntityInstances.htm document.

GlobalMimeTypeQualifierCode	
Value	Definition
model/iges	
application/news-transmission	
application/wordperfect5.1	
application/iges	
image/vnd.wap.wbmp	
application/vnd.motorola.flexsuite.kmr	
application/cybercash	
application/pdf	
application/zip	
video/vnd.motorola.videop	
application/remote-printing	
model/vrml	
model/mesh	
model/vnd.dwf	
model/vnd.gtw	
application/news-message-id	
application/mathematica	
application/slate	
model/vnd.flatland.3dml	
application/msword	
application/macwriteii	

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application/octet-stream	
application/vnd.accpac.simply.aso	
message/partial	
message/external-body	

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GlobalMimeTypeQualifierCode	
Value	Definition
message/news	
message/rfc822	
multipart/byteranges	
multipart/encrypted	
message/http	
message/delivery-status	
application/dec-dx	
message/s-http	
application/mac-binhex40	
application/postscript	
application/oda	
application/atomicmail	
application/andrew-inset	
application/wita	
application/dca-rft	
application/activemessage	
application/rtf	
application/applefile	
message/disposition-notification	
image/vnd.dxf	
image/gif	
text/richtext	
text/plain	

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image/vnd.fastbidsheet	
image/prs.btif	
image/vnd.xiff	
image/vnd.net-fpx	
video/vnd.motorola.video	

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GlobalMimeTypeQualifierCode	
Value	Definition
image/png	
video/vnd.vivo	
image/vnd.svf	
image/vnd.dwg	
image/naplps	
image/cgm	
image/tiff	
image/g3fax	
application/vnd.ufdl	
image/vnd.fpx	
audio/vnd.rhetorex.32kadpcm	
image/prs.pti	
image/vnd.cns.inf2	
image/vnd.mix	
audio/basic	
audio/32kadpcm	
audio/vnd.qcelp	
audio/vnd.digital-winds	
text/enriched	
audio/vnd.octel.sbc	
image/jpeg	
audio/vnd.vmx.cvsd	
audio/vnd.nortel.vbk	

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audio/vnd.cns.anp1	
audio/vnd.cns.inf1	
audio/L16	
video/mpeg	
video/quicktime	

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GlobalMimeTypeQualifierCode	
Value	Definition
audio/vnd.lucent.voice	
application/ipp	
image/ief	
application/pkix-cert	
application/vnd.hp-hpid	
application/vnd.pg.osasli	
application/vnd.pg.format	
application/vnd.mediastation.cdkey	
application/vnd.previewsystems.box	
application/vnd.Mobius.TXF	
application/ocsp-request	
application/vnd.Mobius.PLC	
application/vnd.vcx	
application/riscos	
application/vnd.accpac.simply.imp	
application/eshop	
application/vnd.motorola.flexsuite.ttc	
application/vnd.motorola.flexsuite.gotap	
application/vnd.motorola.flexsuite.fis	
application/ocsp-response	
application/index.cmd	
application/sdp	
application/http	

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application/vnd.dpgraph	
application/vnd.powerbuilder75-s	
application/vnd.powerbuilder75	
application/vnd.triscape.mxs	
application/index.vnd	

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GlobalMimeTypeQualifierCode	
Value	Definition
application/pkix-crl	
application/index.response	
application/vnd.motorola.flexsuite.adsi	
application/index	
application/vnd.cups-raw	
application/vnd.cups-postscript	
application/vnd.cups-raster	
application/vnd.Mobius.MSL	
application/vnd.Mobius.DAF	
application/vnd.Mobius.DIS	
application/index.obj	
application/vnd.claymore	
application/marc	
application/vnd.fujitsu.oasysprs	
application/vnd.fujitsu.oasysgp	
application/vnd.visio	
application/vnd.netfpx	
application/vnd.audiograph	
application/vnd.epson.salt	
application/vnd.3M.Post-it-Notes	
application/vnd.novadigm.EDX	
application/vnd.ecowin.seriesrequest	
application/vnd.novadigm.EDM	

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application/vnd.ibm.modcap	
application/vnd.comsocaller	
application/pkcs7-mime	
application/pkcs7-signature	
application/pkcs10	

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GlobalMimeTypeQualifierCode	
Value	Definition
application/vnd.yellowriver-custom-menu+A91	
application/vnd.ecowin.chart	
application/vnd.ecowin.series	
application/vnd.ecowin.filerequest	
application/commonground	
application/vnd.novadigm.EXT	
application/vnd.lotus-screencam	
application/vnd.FloGraphIt	
application/vnd.intercon.formnet	
application/vemmi	
application/vnd.ms-asf	
application/vnd.ecdis-update	
application/vnd.powerbuilder6	
application/vnd.powerbuilder6-s	
application/vnd.lotus-wordpro	
application/vnd.lotus-approach	
application/vnd.fujitsu.oasys3	
application/vnd.lotus-organizer	
application/vnd.acucobol	
application/vnd.lotus-freelance	
application/vnd.fujitsu.oasys	
application/vnd.fujitsu.oasys2	
application/vnd.swiftview-ics	

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application/vnd.dna	
application/prs.cww	
application/vnd.wt.stf	
application/vnd.dxr	
application/vnd.mitsubishi.misty-guard.trustweb	

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GlobalMimeTypeQualifierCode	
Value	Definition
application/vnd.ecowin.seriesupdate	
application/vnd.lotus-1-2-3	
application/vnd.epson.msf	
application/vnd.uplanet.cacheop-wbmxl	
application/vnd.uplanet.list-wbxml	
application/vnd.uplanet.listcmd-wbxml	
application/vnd.uplanet.channel-wbxml	
application/vnd.uplanet.bearer-choice-wbxml	
application/vnd.epson.quickanime	
application/vnd.commonspace	
application/vnd.fut-misnet	
application/vnd.xfdl	
application/vnd.ecowin.fileupdate	
application/vnd.epson.ssf	
application/vnd.uplanet.bearer-choice	
application/vnd.powerbuilder7	
application/vnd.powerbuilder7-s	
application/vnd.lotus-notes	
application/pkixcmp	
application/vnd.wap.wmlc	
application/vnd.wap.wmlscriptc	
application/vnd.motorola.flexsuite	
application/vnd.wap.wbxml	

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application/vnd.motorola.flexsuite.wem	
application/vnd.intu.qfx	
application/vnd.is-xpr	
application/EDIFACT	
application/EDI-X12	

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GlobalMimeTypeQualifierCode	
Value	Definition
application/EDI-Consent	
application/vnd.wrq-hp3000-labelled	
application/vnd.minisoft-hp3000-save	
application/vnd.ffsns	
application/vnd.hp-hps	
application/vnd.fujixerox.docuworks	
application/xml	
application/vnd.uplanet.alert-wbxml	
application/vnd.anser-web-certificate-issue-initiation	
application/vnd.uplanet.signal	
application/vnd.intu.qbo	
application/vnd.publishare-delta-tree	
application/vnd.cybank	
application/batch-SMTP	
application/vnd.uplanet.alert	
application/vnd.uplanet.cacheop	
application/vnd.uplanet.list	
application/vnd.uplanet.listcmd	
application/vnd.uplanet.channel	
application/vnd.hp-PCL	
application/vnd.anser-web-funds-transfer-initiation	
application/vnd.intertrust.digibox	
multipart/appledouble	

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application/vnd.businessobjects	
application/vnd.meridian-slingshot	
application/vnd.xara	
application/sgml-open-catalog	
application/vnd.rapid	

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GlobalMimeTypeQualifierCode	
Value	Definition
application/vnd.enliven	
application/vnd.japannet-registration-wakeup	
application/vnd.japannet-verification-wakeup	
application/set-registration	
application/vnd.japannet-directory-service	
application/set-registration-initiation	
application/vnd.intertrust.nncp	
application/prs.alvestrand.titrax-sheet	
application/vnd.noblenet-web	
multipart/signed	
multipart/voice-message	
multipart/report	
multipart/related	
multipart/form-data	
application/vnd.musician	
application/vnd.japannet-payment-wakeup	
application/vnd.ms-tnef	
application/sgml	
application/cals-1840	
application/pgp-encrypted	
application/pgp-signature	
application/pgp-keys	
application/vnd.framemaker	

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application/vnd.mif	
application/vnd.ms-excel	
application/vnd.ms-powerpoint	
application/vnd.seemail	
application/vnd.ms-works	

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GlobalMimeTypeQualifierCode	
Value	Definition
multipart/parallel	
application/vnd.svd	
application/vnd.music-niff	
application/vnd.ms-artgalry	
application/vnd.truedoc	
application/vnd.koan	
application/vnd.street-stream	
application/vnd.fdf	
application/set-payment-initiation	
application/set-payment	
application/vnd.ms-project	
application/vnd.shana.informed.package	
multipart/header-set	
text/sgml	
text/html	
text/tab-separated-values	
application/vnd.noblenet-sealer	
application/vnd.noblenet-directory	
application/prs.nprend	
application/vnd.webturbo	
application/hyperstudio	
text/vnd.latex-z	
application/vnd.shana.informed.formdata	

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text/vnd.fmi.flexstor	
application/vnd.shana.informed.interchange	
application/vnd.\$commerce_battelle	
application/vnd.osa.netdeploy	
application/vnd.ibm.MiniPay	

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GlobalMimeTypeQualifierCode	
Value	Definition
application/vnd.japannet-jpnstore-wakeup	
application/vnd.japannet-setstore-wakeup	
application/vnd.japannet-verification	
application/vnd.japannet-registration	
application/vnd.hp-HPGL	
application/x400-bp	
application/vnd.shana.informed.formtemplate	
text/calendar	
multipart/digest	
multipart/alternative	
multipart/mixed	
text/vnd.fly	
text/vnd.motorola.reflex	
text/vnd.wap.wml	
application/vnd.hp-PCLXL	
text/directory	
text/vnd.in3d.3dml	
text/uri-list	
text/vnd.wap.wmlscript	
text/rfc822-headers	
text/rtf	
text/prs.lines.tag	
text/vnd.in3d.spot	

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text/css	
text/xml	
text/vnd.abc	

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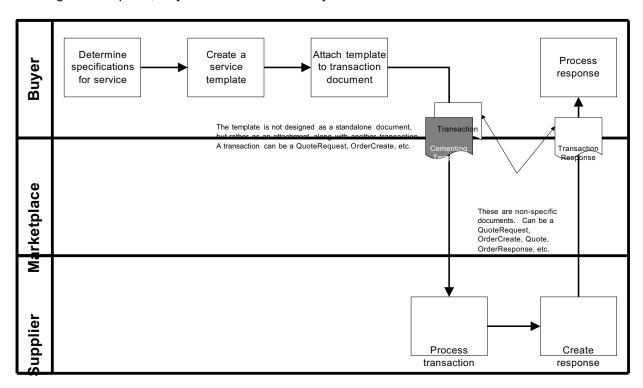




Appendix G: Cementing Template

Business Process Diagram

Below is the Business Process Diagram for the Cementing Template document. This is not the only method in which a template can be processed, however, it represents a primary process. Third parties, including a Marketplace, may be involved if necessary.



Process Model - A Buyer determines that a service is necessary and makes a decision to create a request for quote or an order. The Buyer determines the specifications for the service and completes a Cementing Template. The template is sent along with the transaction document (QuoteRequest, OrderCreate, etc.). The Seller processes the transaction and creates a response. The response is sent to the Buyer.

The Cementing Template document is used to provide detailed information specific to a cementing service to a Seller. The template was designed to be an attachment to another transaction, rather than as a standalone document.

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Legend to Tables

level

The following tables detail the elements and attributes that make up the Cementing Template. The legend below provides guidance to understanding the element tables. The legend is an example only and is not part of the document standard data.

Telephone (2)
A collection of elements detailing information about a telephone number.

OrderCreateProperties 4

	Order Create Details
children	PhoneNumber Type Use Max Type Max Type M 1
	A numerical sequence to reach a telephone attached to a communication network. PhoneNumberExtension String O 1 An extension number that is needed to further identify the phone number.
	TelecomCountryCode string O 1
	The dialing code from another country to access the telephone network in another country.
	TelecomAreaCode string O 1
	The area code within a country or jurisdiction, if needed, to access local telephones within the country.
parent(s)	Contact (n90) rmation
attributes	Name 10 telephoneIndicator 11 (14 (12) Type Use Fixed to the string of t
	A code to indicate the type of phone number being given.
	Fax
	Pager
	Other
Legend	
	ame of the element.
	efinition of the element.
	ins any business rules or comments about the element
	fies whether or not the element is under the Property, Detail, or Summary level of the document
	ins the name of the child elements and their definitions. Those elements in blue are links to the element
	ication. Only those elements that contain children or attributes are hyperlinked.

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Indicates whether the element can have a maximum of one occurrence (1) or unbounded multiple occurrences (U)

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Indicates the parent element of the element.

Indicates whether the element is mandatory (M) or optional (O).

Contains the name of any attributes and their definitions.

7

8 9

10

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11	Indicates the data type of the attribute. If the type is blank, then the element contains children rather than data.
12	Indicates whether the attribute is mandatory (M) or optional (O).
13	Provides a fixed value for the attribute.
14	The shaded areas provide either code list values, rules, or notes about the child element or attribute.

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The document, its properties, details, line item, sub-line item, and summary elements are presented first. They are followed by an alphabetical listing of those elements used in the document and have children or attributes.

Document Detail

CementingTemplate

The root element of the Cementing Template message. It is used to provide specifications for a cementing job.

note				
children	Name	Туре	Use	Max
	<u>TemplateProperties</u>		M	1
	A collection of elements defining the template "meta-data" or "common data".			
	<u>CementingTemplateDetail</u>		M	1
	A collection of elements providing the detail of the cementing service.			

TemplateProperties

A collection of elements defining the template "meta-data" or "common data".

note				
children	Name	Туре	Use	Max
	TemplateNumber	string	M	1
	A number which uniquely identifies the template.			
	TemplatelssuedDate	date	М	1
	The date upon which the template was created or issued.			
	CommodityCode	string	М	1
	A code indicating the categorization of a product or service in accordance with a particular standard.			
	ReferenceInformation		0	U
	A collection of elements detailing references to information that reside outside of the current transaction message.			
	ResponseDate	date	0	1
	The date upon which a response to the template is made.			
parent(s)	<u>CementingTemplate</u>			

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CementingTemplateDetail

A collection of elements providing the detail of the cementing service.

note				
children	Name	Туре	Use	Ma
	JobType		M	1
	A code indicating the type of job being performed.			
	<u> </u>	termediate		
		Production		
	SurfaceCasing	Other		
	<u>WellDetail</u>		M	1
	A collection of elements containing details about a well.			
	CasingInformation		M	1
	A collection of elements containing information about casing.			
	BargeRequiredFlag	boolean	0	1
	A flag indicating whether a barge is required. It assists in determining truck equipment.	or skid		
	JobDescription	string	0	1
	A free-form textual description of the job.			
	<u>OneWayMileage</u>		0	1
	The measurement and unit of measure for the mileage from the service poir dock or location.	nt to		
	<u>MudDetail</u>		0	1
	A collection of elements that contain information about mud.			
	<u>CementDetail</u>		Ο	1
	A collection of elements providing detail about cement.			
	Comment	string	Ο	1
	A free-form textual structure for general information or comments.			
parent(s)	CementingTemplate			

BottomHoleCirculationTemperature

The measurement and unit of measure for the circulation temperature of the well as determine by the customer.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			

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parent(s) WellDetail

BottomHoleStaticTemperature

The measurement and unit of measure for the static temperature of the well as determine by the customer.

children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			

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		UnitOfMeasLreCode	string	М	1
ı		Acode identifying the units in which measurement is expressed.			
ı		Use Islues from the DE 355 code list contained in ASC X12 release 3030.			
ı	parent(s)	WellDetail			

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CasingInformation

A collection of elements containing information about casing.

note				
children	Name	Туре	Use	Ma
	CasingSize		M	1
	The measurement and unit of measure for the size of a casing.			
	CasingGrade	string	0	1
	The grade of the casing. An grade or other.			
	CasingWeight		0	1
	The measurement and unit of measure for the document weight of a linear unit of casing with or without a collar.			
	<u>PreviousCasingSize</u>		0	1
	The measurement and unit of measure for the diameter of the previous casing.			
	<u>PreviousCasingWeight</u>		0	1
	The measurement and unit of measure for the document weight of a linear unit of casing with or without a collar.			
	<u>PreviousCasingMeasureDepth</u>		0	1
	The measurement and unit of measure for the depth of the previous casing.			
	<u>PreviousCasingTrueVerticalDepth</u>		0	1
	The measurement and unit of measure for the true vertical depth of the previous casing.			
parent(s)	<u>CementingTemplateDetail</u>			

CasingSize

The measurement and unit of measure for the size of a casing.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CasingInformation</u>			

CasingWeight

The measurement and unit of measure for the document weight of a linear unit of casing with or without a collar.

	•	•	
note			

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children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CasingInformation</u>			

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CementAboveLiner

The measurement and unit of measure for the height of cement above the liner.

note				
children	Name	Type	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	CementDetail			

CementDetail

A collection of elements providing detail about cement.

note				
children	Name	Туре	Use	Max
	<u>PreflushSpaceDensity</u>		0	1
	The measurement and unit of measure for the density of the substance.			
	DesiredPreflushSpacer	string	0	1
	An indicator of the type of preflush spacer desired.			
	None	eflush		
	Flush	pacer		
	Description	string	0	1
	A free-form textual explanation or clarification.			
	PercentExcess	decimal	0	1
	The excess cement divided by the calculated volume, expressed as a percentag	Э.		
	<u>Lead</u>		0	1
	A collection of elements that contain information relating to the tail.			
	<u>Tail</u>		0	1
	A collection of elements that contain information relating to the tail.			
	CementTopNominal		0	1
	The measurement and unit of measure for the expected top of cement after job.			
	<u>CementHeight</u>		0	1
	The measurement and unit of measure for the expected height of cement after the job.	ie		
	CementAboveLiner		0	1
	The measurement and unit of measure for the height of cement above the liner.			
parent(s)	<u>CementingTemplateDetail</u>			

CementHeight

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The measurement and unit of measure for the expected height of cement after the job.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			



Use \Slues from the DE 355 code list contained in ASC X12 release 3030.

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CementTopNominal

The measurement and unit of measure for the expected top of cement after job.

note				
children	Name	Type	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CementDetail</u>			

CommodityCode

A code indicating the categorization of a product or service in accordance with a particular standard.

note				
parent(s)	<u>TemplateProperties</u>			
attributes	Name	Туре	Use	Fixed
	agencyIndicator	string	0	
	A code indicating what agency or organization is responsible for defining the commodity code list.			

DesiredFill

The measurement and unit of measure for the desired amount of fill.

	and drift of medicale for the decired amount of ini.			
note				
children	Name	Туре	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	Lead			
	Tail			

Lead

A collection of elements that contain information relating to the tail.

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note	

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children	Name	Туре	Use	Max
	PercentExcess	decimal	0	1
	The excess cement divided by the calculated volume, expressed as a percentage.			
	<u>DesiredFill</u>		0	1
	The measurement and unit of measure for the desired amount of fill.			
	CementDescription	string	0	1
	A free-form textual description of the cement used.			
parent(s)	CementDetail			

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LinerTopDepth

The measurement and unit of measure for the depth of the liner top.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	CementDetail			

MudDetail

A collection of elements that contain information about mud.

note				
children	Name	Туре	Use	Max
	MudType	string	0	1
	An indicator of the type of mud being used.			
	<u>MudWeight</u>		0	1
	The measurement and unit of measure for the weight of the mud.			
parent(s)	<u>CementingTemplateDetail</u>			

MudWeight

The measurement and unit of measure for the weight of the mud.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>MudDetail</u>			

OneWayMileage

The measurement and unit of measure for the mileage from the service point to dock or location.

note	

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children	Name	Туре	Use	Max
	Measurement	string	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CementingTemplateDetail</u>			

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OpenHoleSize

The measurement and unit of measure for the diameter of the hole.

note				
children	Name	Туре	Use	Max
	Measurement	string	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>WellDetail</u>			

PreflushSpaceDensity

The measurement and unit of measure for the density of the substance.

note				
children	Name	Туре	Use	Max
	Measurement	string	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	CementDetail			

PreviousCasingMeasureDepth

The measurement and unit of measure for the depth of the previous casing.

note				
Hote				
children	Name	Type	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	CasingInformation			

PreviousCasingSize

The measurement and unit of measure for the diameter of the previous casing.

note	

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children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CasingInformation</u>			

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PreviousCasingTrueVerticalDepth

The measurement and unit of measure for the true vertical depth of the previous casing.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CasingInformation</u>			

PreviousCasingWeight

The measurement and unit of measure for the document weight of a linear unit of casing with or without a collar.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	<u>CasingInformation</u>			





ReferenceInformation

A collection of elements detailing references to information that reside outside of the current transaction message.

note					
children	Name		Туре	Use	Ma
	ReferenceNumber A number or identifier that is used to reference documents or information included within a particular message. The referenceInformationInd qualifies what this number references		string	M	1
	Description A free-form textual explanation or clarification.		string	0	1
parent(s)	<u>TemplateProperties</u>				
attributes	Name		Туре	Use	Fixed
	referenceInformationIndicator A code to identify what type of information is being referenced.		string	М	
	AFENumber	BatchNumber			
	BillOfLading	Certification			
	CertifiedInspectionTestResults				
	ConfigurationNumber				
	ContractNumber				
	CostAllocationReference	CostCenter			
	CustomerAccountingReference				
	CustomerReferenceNumber				
	DeliveryTicketNumber				
	DivisionIdentifier				
	EngineeringChangeOrderNumber	JobNumber			
	LetterOfCreditNumber				
	LocationNumber				
	MaterialSafetyDataSheet				
	OperatorGeneralLedgerCode				
	OriginalInvoiceNumber				
	PriceAreaNumber	ProjectNumber			
	ProposalNumber	QuoteNumber			
	RequestForQuotationNumber				

ShoeJointLength

The measurement and unit of measure of the length of a shoe joint.

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note				
children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			

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parent(s)

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Tail

A collection of elements that contain information relating to the tail.

note				
children	Name	Туре	Use	Max
	PercentExcess	decimal	0	1
	The excess cement divided by the calculated volume, expressed as a percentage.			
	<u>DesiredFill</u>		Ο	1
	The measurement and unit of measure for the desired amount of fill.			
	CementDescription	string	0	1
	A free-form textual description of the cement used.			
parent(s)	<u>CementDetail</u>			

TotalDepth

The measurement and unit of measure for the proposed or actual depth the well is drilled or based for services.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	M	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	M	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	WellDetail			

WaterDepthNominal

The measurement and unit of measure for the depth from sea level to ocean floor at mean tide.

note				
children	Name	Туре	Use	Max
	Measurement	decimal	М	1
	A numeric value for technical or attribute data.			
	UnitOfMeasureCode	string	М	1
	A code identifying the units in which measurement is expressed.			
	Use values from the DE 355 code list contained in ASC X12 release 3030.			
parent(s)	WellDetail			

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WellDetail

A collection of elements containing details about a well.

note				
children	Name	Type	Use	Max
	<u>TotalDepth</u>		М	1
	The measurement and unit of measure for the proposed or actual depth the well is drilled or based for services.			
	<u>OpenHoleSize</u>		M	1
	The measurement and unit of measure for the diameter of the hole.			
	<u>ShoeJointLength</u>		0	1
	The measurement and unit of measure of the length of a shoe joint.			
	<u>BottomHoleStaticTemperature</u>		0	1
	The measurement and unit of measure for the static temperature of the well as determine by the customer.			
	<u>LinerTopDepth</u>		0	1
	The measurement and unit of measure for the depth of the liner top.			
	WaterDepthNominal		0	1
	The measurement and unit of measure for the depth from sea level to ocean floor at mean tide.			
	<u>BottomHoleCirculationTemperature</u>		0	1
	The measurement and unit of measure for the circulation temperature of the well as determine by the customer.			
	H2SinHoleFlag	Boolean	0	1
	Flag indicating the presence of hydrogen sulfide in a hole.			
	PercentH2SinHole	decimal	0	1
	The percentage of hydrogen sulfide present in the hole.			
parent(s)	CementingTemplateDetail			





Appendix H: Glossary

Term	Definition
CIDX	Chemical Industry Data Exchange. A chemical industry consortium focused on standardizing data communications among the chemical industry companies. CIDX has published the Chem eStandards which define DTD XML formats for forty-four business transactions. Web site: www.cidx.org
Component Library	Reusable PIDX XML Schema components are stored in an XML Schema named PIDXlib.xsd. PIDXlib.xsd is the component library.
Com.Pro.Serv.	Complex Products and Services Task Group. Project team sanctioned by the Petroleum Industry Data eXchange (PIDX) Task Group, Purchasing User Group and Standards Subcommittee.
Document Type Declaration	A statement within an XML Schema that identifies a DTD that can be used for XML instance document validation. Never abbreviated DTD.
	name-of-root-element SYSTEM "URL -of-the-external-DTD" [internal DTD subset]</th
Document Type Definition	A text-related schema language that may be used to define XML instance (data) files. May be abbreviated <i>DTD</i> .
DTD	Please see Document Type Definition.
EDI	Please see Electronic Data Interchange.
Electronic Data Interchange	The American National Standards Institute (ANSI) chartered the Accredited Standards Committee (ASC) X12 to develop uniform standards for inter-industry electronic interchange of business transactions <i>Electronic Data Interchange</i> (<i>EDI</i>). ANSI X.12 Electronic Data Interchange (EDI) standards define the data formats that allow companies to exchange business data electronically. Web site: www.x12.org
Extensible Markup Language	Extensible Markup Language (XML) is a standard for defining data using data tags and other markup constructs. XML allows the user to define tags in addition to predefined tags. The base specifications are XML 1.0, W3C Recommendation Feb '98, and Namespaces, Jan '99.
	The XML standards is maintained by the World Wide Web Consortium. The base
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specificatio ns are XML 1.0 Second addition, W3C Recommendation 6 October

2000 (web site: www.w3.org/TR/2000/REC-xml-20001006), and Namespaces, 14

January

W3C 1999 (web site: www.w3.org/TR/1999/REC-xml-names-19990114/)

Information Item XML element or attribute

Instance Document An XML data document that conforms to the W3C XML standard.

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Term	Definition
Petroleum Industry Data eXchange	An organization sanctioned by promote and facilitate the exchange of electronic data within the petroleum industry.
PIDX	Please see Petroleum Industry Data eXchange
RosettaNet	RosettaNet is an electronic data exchange standards body that focuses on the high technology, electronics manufacturing industry. It seeks to establish a common data and process model for B2B interaction among semiconductor, electronic components, and information technology manufacturers, suppliers, and distributors.
RosettaNet Implementation Framework	A RosettaNet specification standard that describes the mechanisms for packaging and transporting XML instance (data) documents. <i>RNIF</i>
Reusable Components	XML information items in the PIDXLib.xsd XML Schema that are used in multiple XML Schemas.
RNIF	Please see RosettaNet Implementation Framework.
Service Content	The XML instance (data) document within an RNIF message. The Service Content is a MIME part of a MIME multipart/related document.
Transport, Routing, and Packaging	The PIDX implementation of the <i>RosettaNet Implementation Framework</i> 2.0 (<i>RNIF</i> 2.0) standard.
TRP	Please see Transport, Routing, and Packaging
Validation	The process of comparing an XML instance (data) document to an XML Schema.
World Wide Web Consortium	The World Wide Web Consortium ($W3C$) has developed more than 35 technical specification for the Web's infrastructure. These standards include standards for XML and XML Schemas. Web Site: www.w3c.org
W3C	Please see the World Wide Web Consortium.
XML Schema	The XML Schema as defined by the May 2, 2001 XML Schema Recommendation published by the W3C.

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http://www.w3.org/TR/2001/REC-xmlschema-0-20010502/

http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/

http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/

XML

Please see Extensible Markup Language.

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