

# Description of 3B2 Message

# PIP® 3B2

#### **Validated 11.03.00**

**Specification Information** 

Name Description Of 3B2 Message
PIP Notify Of Advance Shipment

**Cluster** Order Management

**Segment** Transportation And Distribution

**Publication Date** 30 May 2012

**Version Identifier** V11.03

# Table of Content

1.			nt Management	
	1.1		Disclaimer	
	1.2	Copyrig	ght	. 6
	1.3	Traden	narks	. 6
	1.4		vledgments	
	1.5	Related	d Documents	. 7
	1.6		ent Version History	
	1.7	Docum	ent Purpose	. 7
2.	. I	nterchar	nge Model	. 8
	2.1	Advanc	ceShipmentNotification	. 8
	2.1	.1 Int	erchange Diagram	. 8
	2.1		pendency Diagram	
	2.1	.3 Ad	vanceShipment	. 9
	2.1	.4 Ad	vanceShipmentNotification	10
	2.1		viceActivationInformation	
	2.1	.6 De	viceActivationNumber	11
	2.1		cumentSubLineLotShipReference	
	2.1	.8 Lot	:ShipReference	12
	2.1	.9 Shi	ipment	13
	2.1	.10	ShippingContainerShippingContainer	15
	2.1	.11 S	ShippingContainerItem	16
		.12	SubContainer	18
			Model	
	3.1	Procure	ement	19
	3.1	.1 Pro	ocurement	19
	3	.1.1.1	Dependency Diagram	19
	3	.1.1.2	LotIdentification	19
	_	.1.1.3	SpecialHandlingInstruction	
	3.1	.2 Co	deList	20
	_	.1.2.1	SpecialHandling	
	3.2		CS	
	3.2	.1 Log	gistics	
		.2.1.1		
		.2.1.2	HazardousMaterialDescription	29
	3	.2.1.3	ManufacturerProfile	29
	3	.2.1.4	MassPhysicalDimension	30
		.2.1.5	ShipmentDate	
			TrackingReference	
	3.2	.2 Co	deList	31
	3	.2.2.1	TrackingReferenceType	
	3	.2.2.2	Incoterms	32
	3	.2.2.3	ShipmentChangeDisposition	32
	3	.2.2.4	ShipmentMode	32
	3	.2.2.5	National Export Control Classification	33
	3	.2.2.6	ShipDateCode	34
	3.3	Manufa	acturing	37
	3.3		nufacturing	
	3	.3.1.1	Dependency Diagram	
	3	.3.1.2	LotQuantity	
	3.3	.2 Co	deList	38

3.3.2.1	LotQuantityClassification	.38
3.4 Shared		.39
3.4.1 Sha	ared	.39
3.4.1.1	Dependency Diagram	.39
3.4.1.2	SCAC	.39
3.4.2 Coc	leList	40
3.4.2.1	PackageType	.40
3.4.2.2	ShippingServiceLevel	40
4. Universal	Structure	.43
4.1 Contact	Information	.43
4.1.1 Cor	ntactInformation	.43
4.2 DataTy	pe	.44
4.2.1 Cor	rtact	.44
4.2.2 DUI	NS	.44
4.2.3 DUI	NSPlus4	45
4.2.4 GLN	V	45
	N	
4.3 Docume	ent	.46
	sinessDocumentReference	
4.4 Location	ns	47
4.4.1 Alte	ernativeIdentifier	.47
4.4.2 Loc	ation	.48
4.4.3 Loc	ationChoice	.49
4.4.4 Phy	sicalAddress	.49
4.5 Moneta	ryExpression	.50
4.5.1 Fina	ancialAmount	.50
4.6 Partner	Identification	.51
4.6.1 Par	tnerIdentificationtneridentification	.51
4.6.2 Par	tnerIdentificationChoice	.52
4.6.3 Spe	ecifiedFullPartner	.52
	ecifiedIntermittentPartner	
4.6.5 Spe	ecifiedKnownPartner	.54
	ecifiedKnownPartnerContact	
4.6.7 Spe	ecifiedNewPartner	.55
4.6.8 Spe	ecifiedPartnerDescription	.56
	ecifiedPartnerDescriptionChoice	
	IDimension	
4.7.1 Line	ear	.57
4.7.2 Mea	asure	.57
4.7.3 Vol	ume	.58
	ight	
	Identification	
	ductIdentification	
	ductIdentificationChoice	
4.9 CodeLis	t	.60
4.9.1 Cou	ıntry	.60
	ıntrySubdivision	
	rency	
	guage	
	cumentType	
	neTypeQualifier	
	tOfMeasure	
	ightType	
5 System S		87

5.1	BusinessProcessIdentifier	87
5.2	BusinessServiceInformation	87
5.3	ContractInformation	88
5.4	CorrelationInformation	
5.5	DocumentHeader	89
5.6	DocumentIdentification	
5.7	DocumentIdentificationChoice	
5.8	DocumentInformation	
5.9	DocumentManifest	
5.10	DocumentSecurity	
5.11	ManifestItem	
5.12	PipIdentifier	
5.13	PipVersion	
5.14		
5.15	1 3	
5.16	Sender	
5.17		
5.18	TpirPipIdentification	
5.19		
5.20		
	20.1 TPIRFileType	
	(ML Data Type	
6.1	anyURI	
6.2	boolean	
6.3	date	
6.4	dateTime	
6.5	float	
6.6 6.7	positiveIntegerstring	
0.7	Sumy	99
	Table of Figures	
Figure	2-1 Interchange	8
	2-2 Dependency	
	2-3 AdvanceShipment	
	2-4 AdvanceShipmentNotification	
	2-5 DeviceActivationInformation	
	2-6 DeviceActivationNumber	
	2-7 DocumentSubLineLotShipReference	
	2-8 LotShipReference	
	2-9 Shipment	
	2-10 ShippingContainer	
	2-11 ShippingContainerItem	
	2-12 SubContainer	
	3-1 Dependency	
Figure		19
	3-2 LotIdentification	19
	3-2 LotIdentification	19
	3-3 SpecialHandlingInstruction	19 20 29
	3-3 SpecialHandlingInstruction	19 20 29
Figure Figure	<ul><li>3-3 SpecialHandlingInstruction</li><li>3-4 Dependency</li><li>3-5 HazardousMaterialDescription</li><li>3-6 ManufacturerProfile</li></ul>	19 20 29 29
Figure Figure	<ul><li>3-3 SpecialHandlingInstruction</li></ul>	19 20 29 29

Figure 3-8 ShipmentDate	
Figure 3-9 TrackingReference	
Figure 3-10 Dependency	
Figure 3-11 LotQuantity	
Figure 3-12 Dependency	
Figure 3-13 SCAC	.39
Figure 4-1 ContactInformation	.43
Figure 4-2 Contact	.44
Figure 4-3 DUNS	.44
Figure 4-4 DUNSPlus4	
Figure 4-5 GLN	
Figure 4-6 GTIN	
Figure 4-7 BusinessDocumentReference	.46
Figure 4-8 AlternativeIdentifier	.47
Figure 4-9 Location	.48
Figure 4-10 PhysicalAddress	.49
Figure 4-11 FinancialAmount	.50
Figure 4-12 PartnerIdentification	.51
Figure 4-13 SpecifiedFullPartner	.52
Figure 4-14 SpecifiedIntermittentPartner	.53
Figure 4-15 SpecifiedKnownPartner	.54
Figure 4-16 SpecifiedKnownPartnerContact	.54
Figure 4-17 SpecifiedNewPartner	
Figure 4-18 SpecifiedPartnerDescription	
Figure 4-19 Linear	
Figure 4-20 Measure	
Figure 4-21 Volume	
Figure 4-22 Weight	
Figure 4-23 ProductIdentification	
Figure 5-1 BusinessProcessIdentifier	
Figure 5-2 BusinessServiceInformation	
Figure 5-3 ContractInformation	.88
Figure 5-4 CorrelationInformation	
Figure 5-5 DocumentHeader	
Figure 5-6 DocumentIdentification	
Figure 5-7 DocumentInformation	
Figure 5-8 DocumentManifest	
Figure 5-9 DocumentSecurity	
Figure 5-10 ManifestItem	
Figure 5-11 PipIdentifier	
Figure 5-12 PipVersion	
Figure 5-13 Receiver	
Figure 5-14 RequestingDocumentInformation	
Figure 5-15 Sender	
Figure 5-16 StandardDocumentIdentification	
Figure 5-17 TpirPipIdentification	
Figure 5-18 VersionIdentifier	.98

# 1. Document Management

# 1.1 Legal Disclaimer

RosettaNet, its members, officers, directors, employees, or agents shall not be liable for any injury, loss, damages, financial or otherwise, arising from, related to, or caused by the use of this document or the specifications herein, as well as associated quidelines and schemas. The use of said specifications shall constitute your express consent to the foregoing exculpation.

# 1.2 Copyright

©2012 RosettaNet. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the inclusion of this copyright notice. Any derivative works must cite the copyright notice. Any public redistribution or sale of this publication or derivative works requires prior written permission of the publisher.

#### 1.3 Trademarks

RosettaNet, Partner Interface Process, PIP and the RosettaNet logo are trademarks or registered trademarks of "RosettaNet," a non-profit organization. All other product names and company logos mentioned herein are the trademarks of their respective owners. In the best effort, all terms mentioned in this document that are known to be trademarks or registered trademarks have been appropriately recognized in the first occurrence of the term.

# 1.4 Acknowledgments

This document has been prepared by RosettaNet (<a href="http://www.rosettanet.org/">http://www.rosettanet.org/</a>) from requirements gathered during the Milestone Program and in conformance with the methodology. Listed below are the legal entities that contributed to the design and development of this PIP.

Amkor Technology, Inc.	Sterling Commerce
BCM Electronics	STMicroelectronics
Globetronics SDH. BHD	Sumitomo Bakelite Co., Ltd.
Intel Corporation	Tokyo Electron
Menlo Worldwide	Tokyo Electron Americe
Motorola Semiconductor Products Sector, Motorola SPS, Motorola	Tokyo Electron Limited
MIMOS Berhad	UMC
Shinko Electric Industries Co., Ltd.	United Microelectronics Corp.

SMSC	UPS Supply Chain Solutions
Standard Microsystems Corporation	

## 1.5 Related Documents

- Associated PIP Message Schemas (included with PIP Specification only)
- Description of Partner Interface Process for 3B2
- Message Structure

# **1.6 Document Version History**

Version	<u>Date</u>	<u>Description</u>
Validated 11.00.00	27 July 2006	Validated version: RosettaNet Automated
	-	Enablement (RAE) Milestone Program
Validated 11.01.00	25 July 2008	Validated version: Certificate of Analysis (CofA)
	-	Milestone Program
Validated 11.02.00	29 Oct 2009	Maintenance Q4 2009
Validated 11.03.00	30 May 2012	Updated Version

# 1.7 Document Purpose

The purpose of the document is to explain the structure, the association between objects, the content of objects and the definition for single elements to a nontechnical audience.

# 2. Interchange Model

# 2.1 AdvanceShipmentNotification

# 2.1.1 Interchange Diagram

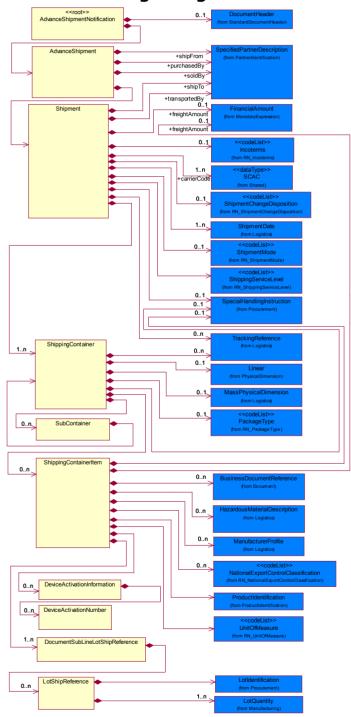


Figure 2-1 Interchange

## 2.1.2 Dependency Diagram

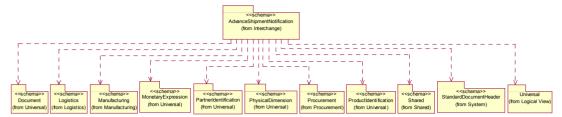


Figure 2-2 Dependency

## 2.1.3 AdvanceShipment

The Advance Shipment Notification contains detailed information on when product shipped and expected date of arrival, how product shipped, and detail on what the shipment contains.

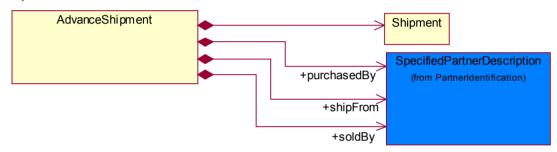


Figure 2-3 AdvanceShipment

Composition	Cardinality	Туре	Documentation
Shipment	1	Shipment	The collection of business properties that describe a consignment tendered for transportation from one point to another.
purchasedBy	1	SpecifiedPartnerDesc ription	The party who is a purchaser of a product.
soldBy	1	SpecifiedPartnerDesc ription	The party who is a seller of a product.
shipFrom	1	SpecifiedPartnerDesc ription	The DUNS or DUNS + 4 number of the location of the originating party initiating a shipment or transaction.

## 2.1.4 AdvanceShipmentNotification

A message wrapper for the PIP3B2.



Figure 2-4 AdvanceShipmentNotification

Composition	Cardinality	Туре	Documentation
DocumentHeader	01	DocumentHeader	The object allows for the identification of the sender and receiver of the business document.
AdvanceShipment	1	AdvanceShipment	The Advance Shipment Notification contains detailed information on when product shipped and expected date of arrival, how product shipped, and detail on what the shipment contains.

#### 2.1.5 DeviceActivationInformation

Information to activate for a serialized product (i.e. handsets or other wireless devices).



Figure 2-5 DeviceActivationInformation

Composition	Cardinality	Туре	Documentation
DeviceActivationN	0n	DeviceActivationNum	Number used to activate
umber		ber	the serialized product.

#### 2.1.6 DeviceActivationNumber

Number used to activate the serialized product.

```
DeviceActivationNumber

activationNumber[0..1]: string

calledNumberIdentifier[0..1]: string
```

Figure 2-6 DeviceActivationNumber

Attribute	Туре	Documentation
activationNumber[01]	string	Text to describe the serialization identifier.
calledNumberIdentifier[	string	The actual value of the identifier type
01]		specified by 'ActivationNumberType'.

#### 2.1.7 DocumentSubLineLotShipReference

Reference to document(s) this shipment is being sent against (i.e. Purchase Order).

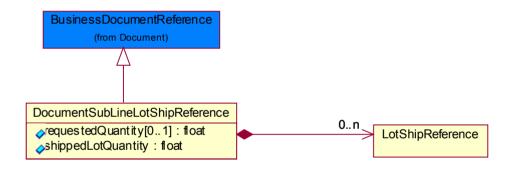


Figure 2-7 DocumentSubLineLotShipReference

Attribute	Type	Documentation
requestedQuantity[01]	float	The quantity of product requested.
shippedLotQuantity	float	A quantity of product shipped of a specific manufacturing lot within a shipping container.

Composition	Cardinality	Туре	Documentation
LotShipReference	0n	LotShipReference	Reference to specific lot
			information (i.e. quantity, lot
			identifiers) contained in this
			shipment.

## 2.1.8 LotShipReference

Reference to specific lot information (i.e. quantity, lot identifiers) contained in this shipment.

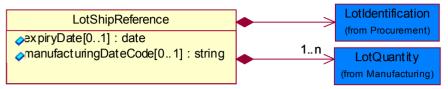


Figure 2-8 LotShipReference

Attribute	Type	Documentation
expiryDate[01]	date	The date that a contractual agreement expires.
manufacturingDateCode	string	The unique identifier assigned to a product by a
[01]		manufacturer to distinguish individual
		manufacturing periods.

Composition	Cardinality	Туре	Documentation
LotIdentification	1	LotIdentification	This object identifies a lot which associates the product with a specific group of products with some similar attributes.
LotQuantity	1n	LotQuantity	The collection of business properties that describe the quantity of items in a lot.

## 2.1.9 Shipment

The collection of business properties that describe a consignment tendered for transportation from one point to another.

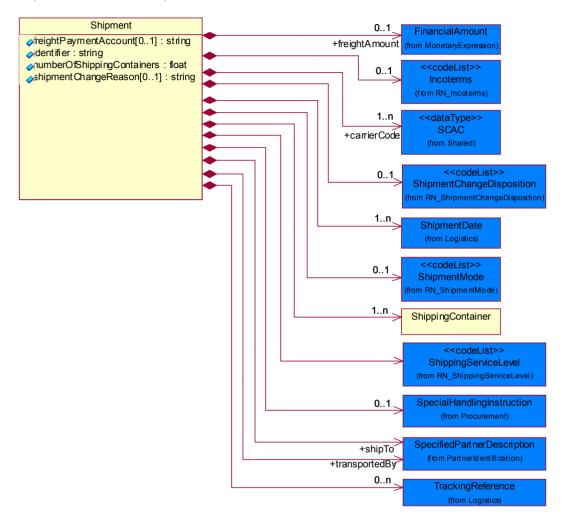


Figure 2-9 Shipment

Attribute	Type	Documentation
freightPaymentAccount[ 01]	string	Identification number of an account.
identifier	string	Reference identifier assigned by the partner originating a shipment to uniquely identify the shipment.
numberOfShippingConta iners	float	A numeric expression of the number of outer containers for product shipping.
shipmentChangeReason [01]	string	Team must provide valid definition. Should be changed from Free Form Text to a code list.

Composition	Cardinality	Туре	Documentation
Incoterms	01	Incoterms	Code identifying
			incoterms.
ShipmentChange	01	ShipmentChangeDis	Code identifying the
Disposition		position	additional reasons for a
			change to a product
			shipment.
ShipmentMode	01	ShipmentMode	The method of transport
			used for the conveyance
Cl :	4		of goods.
ShippingContaine	1n	ShippingContainer	The collection of business
r			properties that describe
			the nature and contents
TrackingReferenc	0n	TrackingReference	of a shipping unit. Proprietary unique
e	011	TrackingKererence	identifier for tracking
			product shipments.
shipTo	1	SpecifiedPartnerDesc	The partner and/or
	_	ription	location to which the
			product must be
			delivered.
transportedBy	1	SpecifiedPartnerDesc	The party responsible for
		ription	either carrying or
			forwarding the product.
SpecialHandlingIn	01	SpecialHandlingInstr	The collection of business
struction		uction	properties that describe
			product packaging or
			shipping handling
fue i alet Auer event	0 1	FinancialAmount	instructions.
freightAmount	01	FinancialAmount	The freight amount
			charge that should be paid for this container.
ShipmentDate	1n	ShipmentDate	The collection of business
Simplificate		Shipmenebace	properties that identifies a
			constraint on when the
			products may be shipped.
carrierCode	1n	SCAC	A unique carrier
			identification code, based
			on Standard Carrier Alpha
			Code(s).
ShippingServiceL	1	ShippingServiceLevel	Code identifying the
evel			shipping service level,
			e.g., overnight, same day.

## 2.1.10 ShippingContainer

The collection of business properties that describe the nature and contents of a shipping unit.

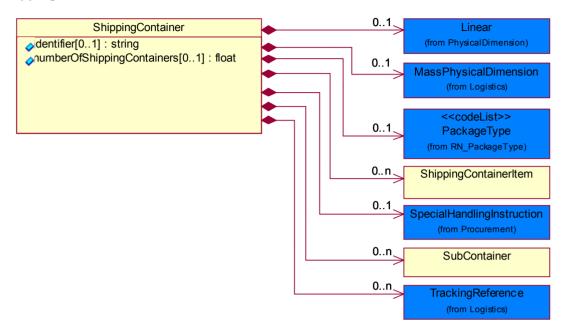


Figure 2-10 ShippingContainer

Attribute	Туре	Documentation
identifier[01]	string	Unique identifier that represents a shipping container. Normally a UCC structured identifier. Also known as a "license plate".
numberOfShippingConta iners[01]	float	A numeric expression of the number of outer containers for product shipping.

Composition	Cardinality	Туре	Documentation
Linear	01	Linear	The business document must be able to express
			the linear dimensions of an object.
MassPhysicalDime nsion	01	MassPhysicalDimensi on	The physical dimension of unit of mass used for measuring the masses of weights, volumes etc.
ShippingContaine rItem	0n	ShippingContainerIte m	The collection of business properties that describe the nature and contents of the good contained within shipping unit.
TrackingReferenc e	0n	TrackingReference	Proprietary unique identifier for tracking

			product shipments.
SubContainer	0n	SubContainer	The collection of business properties that describe the nature and contents of inner containers (packages) contained within an outer shipping unit.
SpecialHandlingIn struction	01	SpecialHandlingInstr uction	The collection of business properties that describe product packaging or shipping handling instructions.
PackageType	01	PackageType	Code specifying the type of packaging for a product.

## 2.1.11 ShippingContainerItem

The collection of business properties that describe the nature and contents of the good contained within shipping unit.

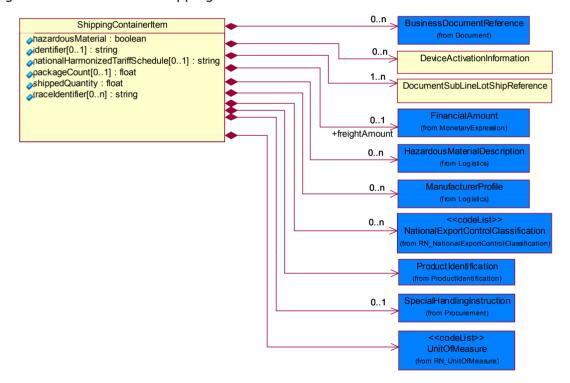


Figure 2-11 ShippingContainerItem

Attribute	Туре	Documentation
hazardousMaterial	boolean	Indicates whether the product contains hazardous material.
identifier[01]	string	The identifier used to denote the lowest unit in a shipment, i.e., a package within a box.

nationalHarmonizedTarif fSchedule[01]	string	Code identifying product classification for international shipping.
packageCount[01]	float	A numeric expression of the number of item packages within a container.
shippedQuantity	float	Quantity of product shipped.
traceIdentifier[0n]	string	Free form text for a non-serial lot identifier.

Composition	Cardinality	Туре	Documentation
DocumentSubLine LotShipReference	1n	DocumentSubLineLot ShipReference	Reference to document(s) this shipment is being sent against (i.e. Purchase Order).
HazardousMateria IDescription	0n	HazardousMaterialDe scription	The collection of business properties that describe the nature of dangerous goods tendered for transportation.
ManufacturerProfil e	0n	ManufacturerProfile	The collection of business properties that describe a manufacturer's product.
ProductIdentificati on	1	ProductIdentification	The object provides the identifier(s) of a product.
NationalExportCo ntrolClassification	0n	NationalExportContr olClassification	Code identifying product classification for export regulation.
UnitOfMeasure	1	UnitOfMeasure	Code identifying a product unit of measure.
SpecialHandlingIn struction	01	SpecialHandlingInstr uction	The collection of business properties that describe product packaging or shipping handling instructions.
freightAmount	01	FinancialAmount	The freight amount charge that should be paid for this container.
DeviceActivationI nformation	0n	DeviceActivationInfo rmation	Information to activate for a serialized product (i.e. handsets or other wireless devices).
BusinessDocumen tReference	0n	BusinessDocumentR eference	The business document reference object allows for the indirect referencing of a relationship to other business related documents.

#### 2.1.12 SubContainer

The collection of business properties that describe the nature and contents of inner containers (packages) contained within an outer shipping unit.



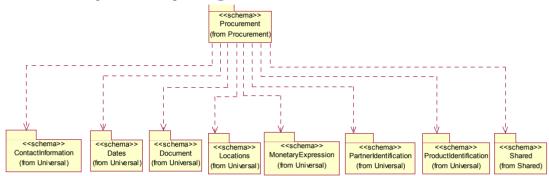
Figure 2-12 SubContainer

Composition	Cardinality	Туре	Documentation
ShippingContaine r	1	ShippingContainer	The collection of business properties that describe the nature and contents of a shipping unit.

# 3. Domain ModelProcurement

#### 3.1.1 Procurement

## 3.1.1.1 Dependency Diagram



Validated 11.03.00

Figure 3-1 Dependency

#### 3.1.1.2 LotIdentification

This object identifies a lot which associates the product with a specific group of products with some similar attributes.

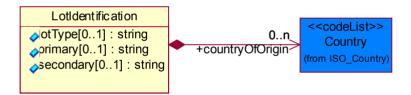


Figure 3-2 LotIdentification

Attribute	Type	Documentation
lotType[01]	string	Identify the type of the lot whether it's for Production or
		Engineering.
primary[01]	string	The primary lot identifier.
secondary[01]	string	The secondary lot identifier.

Composition	Cardinality	Туре	Documentation
countryOfOrigin	0n	Country	This object represents the country
			where the product originates.

## 3.1.1.3 SpecialHandlingInstruction

The collection of business properties that describe product packaging or shipping handling instructions.

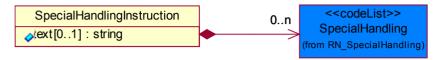


Figure 3-3 SpecialHandlingInstruction

Attribute	Туре	Documentation
text[01]	string	Free form textual description for how specified goods,
		packages or containers should be handled.

Composition	Cardinality	Туре	Documentation
SpecialHandling	0n	SpecialHandling	Code identifying special
			handling or packaging requirements for the product.

#### 3.1.2 CodeList

#### 3.1.2.1 SpecialHandling

Code identifying special handling or packaging requirements for the product.

Name	Documentation
15M	15 Minute Window.
24H	24 Hour Availability.
AAO	Attachments - Advance Only Waybill.
ACC	Accepted by Carrier at Owner's Risk of Freezing.
ACD	Air Conditioning Disconnect and Connect.
ACU	Attachment - Customer's Document.
ADC	Additional Copy of Shipping Papers for Proof of Delivery.
ADF	Advanced Fee.
ADL	Advance Loading.
AGS	Armed Guard Service.
AHM	Accessible Hazardous Material.
AMD	A.M. Delivery Requirement.
ANU	Anchoring and Unanchoring.
ANV	Annual Volume.
APW	Attachment - Prepaid Waybill.
ART	Air Ride Truck Service.
ASE	Attachment - Shipper's Export Document.
ASM	Attachment - Shipper's Manifest.
ASP	Attachment - Shipper's Packing Instructions.
ASR	Assembly Service Requested.
ATD	Aggregate Tender Discount.
ATT	Air Ride Tractor Service.
AUS	Auxiliary Service.

BA1	Bunker Adjustment - 20 Foot Container.
BA2	Bunker Adjustment - 40 Foot Container.
BCC	Bill Consignee for Weigh Charges.
BCP	Bypass Consolidation Point.
BFS	Barge Freight All Kinds Service.
BKA	Bunker Adjustment.
BKS	Block Stowage.
BLB	Blocking and Bracing.
BLS	Blind Shipment.
BNS	If Bad Ordered Notify Shipper.
BOL	Bolster Load, Do Not Switch.
BSA	Bunker Surcharge Authorized.
BSC	Bill Shipper for Weigh Charge.
BUA	Bulky Article.
CA1	Currency Adjustment - 20 Foot Container.
CA2	Currency Adjustment - 40 Foot Container.
CAA	Cargo Aboard.
CAB	Chain and Binders.
CAC	Carrier Caboose.
CAR	Carrier.
CAT	Cargo Taxes.
CBC	Cargo on Board Certification Required.
ССВ	Convert Commercial Bill of Lading (BOL) to Government BOL.
CCE	Certification that the Containers Being Returned Empty Were Received
	Filled by Rail Freight Service.
CCL	Container, Consolidator Load.
CER	Certification.
CFB	Cleared for Border Crossing.
CFC	Customs Fees - Container Level.
CFE	Cleared for Export.
CFI	Customs Fees - Lift Level.
CFL	Container, Factory Load.
CGC	Carrier Guard Car Service.
СНВ	Clearinghouse Balance.
CIP	Commercial Invoice Preparation.
CIR	Circuitous Routing.
CLC	Carrier Load and Consignee Unload.
CLE	Cleaning.
CLH	Consolidation and Line Haul.
CLL	Commodity Loaded Less Than or Equal To the Car Ordered.
CLU	Carrier Load and Carrier Unload.
CNE	Certification That the Newsprint Winding Cores Being Returned Empty
	Were Received Filled by Rail Freight Service.
COA	Controlled Atmosphere.
COD	Container Diversion.
COL	Container Lease.
COM	Container Mounting.
CON	Conductivity/Anti-static Additive.
COO	Certificate of Origin.
COS	Completing Shipment.

COU	Consignee Unload.
COV	Courier, Overnight.
СРМ	Customs Papers Mailed.
CPN	Customer Required PRO Number.
CRA	Class Rates Applied.
CRD	Comb. Rates over Detroit.
CRL	Customer Required Packing List.
CRN	Customer Required Appointment Number.
CRP	Contract Rates Apply.
CRT	Cross Town.
CSD	Courier, Same Day.
CSL	Consolidation.
CSR	Certification that this Shipment is for Recycling as Defined in Applicable
COIX	Tariffs Containing Such Provisions.
CSU	Constant Surveillance.
CUI	Customs Inspection.
DAN	Dangerous.
DAR	Drop and Run.
DCE	Detention of Conveying Equipment and the Power Unit.
DEM	Demurrage.
DEP	Detention of Conveying Equipment Excluding the Power Unit.
DES	Delivery Service.
DEV	Detention (Vehicle).
DHI	Do not Hump or Hump into.
DID	Direct Delivery.
DNC	Do Not Couple to Double Shelf Couples.
DND	Do Not Divert.
DNF	Do Not Freeze.
DNH	
DNP	Do Not Hump.  Do Not Pool.
DNT	Do Not Transfer Contents.
DNU	Do Not Uncouple.
DOD	DOD Constant Surveillance Service.
DOM	Domestic.
DOS	Documentation - Special.
DP1	Detention With Power Units (30 minute periods).
DP2	Detention With Power Units (60 minute periods).
DPD	Drayage at Port of Debarkation (Rate Zone).
DPE	Drayage at Port of Embarkation (Rate Zone).
DRO	Drop-Off Delivery.
DSR	Distribution Service Requested.
DSW	Delivery Only on Surrender of Written Order.
DVN	Delivery Verification Not Required.
DWA	Destination Weights Apply.
ECS	Escort/Courier Service.
EET	Electronic Equipment Transfer.
EHM	Endorsed as Hazardous Material.
ELB	Extra Labor.
EMM	Empty Movement.
EMR	Empty Return.

EMS	Emergency Service.
END	Endorsement.
EOS	Escort Service with Overnight Subsistence.
EPP	Export Preparation.
EPT	Export.
EQU	Equipment
ERA	Expedited Rates Applied.
ERI	Expand Remove and Install.
ESC	Escort.
EST	Escort Services (Telephone).
EUV	Exclusive Use of Vehicle.
EVA	Excessive Valuation Authorized.
EXC	Exempt Commodity.
EXD	Extra Driver.
EXL	Extra Lights.
EXP	Expedite.
EXS	Expedited Service.
EXU	Exclusive Use.
EXW	Excessive Weight.
FIS	Filtration Service.
FLS	Flatrack Surcharge.
FOD	FOD, FOB - Destination.
FOS	FOS, FOB Shipping Point.
FPT	For Processing in Transit.
FRA	Fragile - Handle with Care.
FST	For Storage in Transit.
FUS	Full Service.
GGC	Government Guard Car.
GOC	Government-Owned Containers.
GSS	Greater Security Service.
GVC	Government Caboose.
HAL	Hold at Location.
HAN	Handling.
HAR	Harmless.
HCD	Hazardous Cargo On Deck.
HCT	High Cube Trailer Rates.
HEA	Heat.
HES	Heat - Special.
HFO	Hold for Orders.
HFR	Home for Repair.
HIT	Heat in Transit.
HMS	Hazardous Materials Surcharge.
HOR	Heater or Refrigeration.
HVL	High Value Load.
IHM	Inaccessible Hazardous Material.
IMP	Impactographs.
IMS	Import Shipment.
INB	In-bond.
IND	Inside Delivery.
INH	Inspect Hourly if Car Stopped.
	-p

INS Insulated. IPM Intra-Plant Move. ISS Intermodal Shipment Service. ITS Interline Transfer Service. JTT Just In-Time (JTT). JLE Joint Line Exception. KFF Keep From Freezing Percent Differential. KMD Keep Material Dry. LAA Labor Associated with Detention of Conveying Equipment. LAB Land Bridge (Import/Export). LAD Labor Disturbance. LAO Layover. LAS Layover Service. LBD Labor Disturbance. LBB Light Bar Service. LBB Light Bar Service. LBT Low Boy Trailer/Flat Bed. LC1 Land Currency Adjustment - 40 Foot Container. LC2 Land Currency Adjustment Factor - 20 Foot Container. LC3 Land Currency Adjustment - 40 Foot Container. LC4 Land Currency Adjustment Factor - 20 Foot Container. LC5 Land Currency Adjustment Factor - 20 Foot Container. LC6 Land Currency Adjustment Factor - 20 Foot Container. LD7 Linehaul To Port of Embarkation. LEP Linehaul To Port of Embarkation. LEP Linehaul To Port of Embarkation. LFC Less Than Full Carload. LFV Loaded to Full Visible Capacity. LIS Linehaul Service. LIU Live Unload. LOC Liability of Carrier. LOD Loading Devices. LPD Linehaul Percent Differential. LSO Local Service Only. LTC Less Than Container. LTD Liner Terms at Port of Debarkation. LTC Less Than Truckload. MAW Manifest Must Accompany Waybill. MER Mechanical Refrigeration. MFI Moving Under "For Furtherance Instructions" and May Be Delivered. MSS Motor Surveillance Service. MTS Multi-Tank Surveillance Service. MTS Multi-Tank Surveillance Service. MSS Motor Surveillance Service. MSS Motor Surveillance Service. MSS Motor Surveillance Service. MSF Notiransit Flat Shipment. NFE Not for Export. NFE Not for Export. NFS Nontransit Flat Shipment.		
IPM Intra-Plant Move. ISS Intermodal Shipment Service. ITS Interline Transfer Service. JTT Just-In-Time (JIT). JLE Joint Line Exception. KFF Keep From Freezing Percent Differential. KMD Keep Material Dry. LAA Labor Associated with Detention of Conveying Equipment. LAB Land Bridge (Import/Export). LAD Labor Disturbance. LAO Layover. LAS Layover Service. LBD Labor Disturbance. LBS Light Bar Service. LBT Low Boy Trailer/Flat Bed. LC1 Land Currency Adjustment - 40 Foot Container. LC2 Land Currency Adjustment Factor - 20 Foot Container. LC3 Land Currency Adjustment Factor - 20 Foot Container. LC4 Land Currency Adjustment Factor - 20 Foot Container. LC5 Land Currency Adjustment Factor - 20 Foot Container. LC6 Land Currency Adjustment Factor - 20 Foot Container. LC7 Land Currency Adjustment Factor - 20 Foot Container. LC8 Labor Associated with Detention of Conveying Equipment. LDP Linehaul From Port of Debarkation. LEP Linehaul To Port of Embarkation. LEP Linehaul To Port of Embarkation. LFL Less Than Full Carload. LFL Less Than Container, Factory Load. LFL Less Than Survice. LIU Live Unload. LOC Liability of Carrier. LOD Loading Devices. LPD Linehaul Percent Differential. LSO Loadis Pervice Only. LTC Less Than Container. LTD Liner Terms at Port of Embarkation. LTE Less Than Container. LTD Liner Terms at Port of Embarkation. LTE Less Than Truckload. MAW Manifest Must Accompany Waybill. MER Mechanical Refrigeration. MFI Moving Under "For Furtherance Instructions" and May Be Delivered. MOA Modified Atmosphere. MSS Motor Surveillance Service. MIS Multi-Tank Surveillance Service. MIS Notiry Consignee Before Delivery. NFE Not for Export. NFE Not for Export.	INP	Inside Pickup.
ISS Intermodal Shipment Service. ITS Interline Transfer Service. ITS Just-In-Time (JIT). JLE Joint Line Exception. KFF Keep From Freezing Percent Differential. KMD Keep Material Dry. LAA Labor Associated with Detention of Conveying Equipment. LAB Land Bridge (Import/Export). LAD Labor Disturbance. LAO Layover. LAO Layover Service. LBD Labor Disturbance. LBB Light Bar Service. LBB Light Bar Service. LBT Low Boy Trailer/Flat Bed. LC1 Land Currency Adjustment - 40 Foot Container. LC2 Land Currency Adjustment Factor - 20 Foot Container. LC3 Land Currency Adjustment - 40 Foot Container. LC4 Land Currency Adjustment - 40 Foot Container. LC5 Land Currency Adjustment Factor - 20 Foot Container. LC6 Land Currency Adjustment - 40 Foot Container. LD6 Linehaul Tor Port of Debarkation. LD7 Linehaul Tro Port of Embarkation. LEP Linehaul To Port of Embarkation. LFC Less Than Full Carload. LFL Less Than Container, Factory Load. LFL Less Than Full Carload. LFL Loaded to Full Visible Capacity. LIS Linehaul Service. LIU Live Unload. LOC Liability of Carrier. LOD Loading Devices. LPD Linehaul Percent Differential. LSO Local Service Only. LTC Less Than Container. LTD Liner Terms at Port of Embarkation. LTE Liner Terms at Port of Embarkation. LTE Less Than Container. LTD Lineral Refrigeration. MMM Manifest Must Accompany Waybill. MRE Mechanical Refrigeration. MFI Moving Under "For Furtherance Instructions" and May Be Delivered. MOA Modified Atmosphere. MSS Motor Surveillance Service. MTS Mutti-Tank Surveillance Service. MTS Notronsit Flat Shipment.	INS	Insulated.
ITS Just-In-Time (JIT). JIE Just-In-Time (JIT). JIE Joint Line Exception. KFF Keep From Freezing Percent Differential. KMD Keep Material Dry. LAA Labor Associated with Detention of Conveying Equipment. LAB Land Bridge (Import/Export). LAD Labor Disturbance. LAO Layover. LAS Layover Service. LBD Labor Disturbance. LBB Light Bar Service. LBB Light Bar Service. LBT Low Boy Trailer/Flat Bed. LC1 Land Currency Adjustment - 40 Foot Container. LC2 Land Currency Adjustment - 40 Foot Container. LC4 Land Currency Adjustment Factor - 20 Foot Container. LC5 Land Currency Adjustment Factor - 20 Foot Container. LC6 Labor Associated with Detention of Conveying Equipment. LDP Linehaul from Port of Debarkation. LEP Linehaul To Port of Embarkation. LEP Linehaul To Port of Embarkation. LFC Less Than Full Carload. LFL Less Than Container, Factory Load. LFV Loaded to Full Visible Capacity. LIS Linehaul Service. LIU Live Unload. LOC Liability of Carrier. LOD Loading Devices. LPD Linehaul Percent Differential. LSO Local Service Only. LTC Less Than Container, LTD Liner Terms at Port of Debarkation. LTE Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Embarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at Port of Debarkation. LTL Less Than Container. LTD Liner Terms at	IPM	Intra-Plant Move.
ITS Just-In-Time (JIT) Just-In-Time (JIT) Just-In-Time (JIT) Just-In-Time (JIT) Just-In-Time (JIT) Joint Line Exception.  KFF Keep From Freezing Percent Differential.  KMD Keep Material Dry.  LAA Labor Associated with Detention of Conveying Equipment.  LAB Land Bridge (Import/Export).  LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBD Labor Disturbance.  LBB Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LD6 Labor Associated with Detention of Conveying Equipment.  LD7 Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTF Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Debarka	ISS	Intermodal Shipment Service.
JLE Joint Line Exception.  KFF Keep From Freezing Percent Differential.  KMD Keep Material Dry.  LAA Labor Associated with Detention of Conveying Equipment.  LAB Land Bridge (Import/Export).  LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBD Labor Disturbance.  LBB Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC3 Land Currency Adjustment - 40 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LC6 Land Currency Adjustment Factor - 20 Foot Container.  LC7 Land Currency Adjustment Factor - 20 Foot Container.  LDE Linehaul From Port of Debarkation.  LEP Linehaul Ir OP ort of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Full Carload.  LFL Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MTS Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFE Nontransit Flat Shipment.	ITS	
JLE Joint Line Exception.  KFF Keep From Freezing Percent Differential.  KKPD Keep Material Dry.  LAA Labor Associated with Detention of Conveying Equipment.  LAB Land Bridge (Import/Export).  LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBB Labor Disturbance.  LBB Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC3 Land Currency Adjustment - 40 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LC6 Land Currency Adjustment Factor - 20 Foot Container.  LC7 Land Currency Adjustment Factor - 20 Foot Container.  LDE Linehaul From Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Full Carload.  LFL Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Truckload.  LTL Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTL Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MTS Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFF Nontransit Flat Shipment.	JIT	Just-In-Time (JIT).
KFF Keep From Freezing Percent Differential.  KMD Keep Material Dry.  LAA Labor Associated with Detention of Conveying Equipment.  LAB Land Bridge (Import/Export).  LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBB Labor Disturbance.  LBB Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment - 40 Foot Container.  LC3 Land Currency Adjustment - 40 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LD6 Labor Associated with Detention of Conveying Equipment.  LD7 Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTE Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTL Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTE Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MSP Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFF Not for Export.	JLE	
KMD Keep Material Dry.  LAA Labor Associated with Detention of Conveying Equipment.  LAB Land Bridge (Import/Export).  LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC3 Land Currency Adjustment - 40 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LC6 Land Currency Adjustment Factor - 20 Foot Container.  LD7 Linehaul from Port of Debarkation of Conveying Equipment.  LD8 Linehaul from Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTI Less Than Container, Consolidator Load.  LTT Less Than Container For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MIS Multi-Tank Surveillance Service.  MIP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFE Not for Export.  NFF Not for Export.  NFF Nontransit Flat Shipment.	KFF	· ·
LAA Labor Associated with Detention of Conveying Equipment.  LAB Land Bridge (Import/Export).  LAO Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC3 Land Currency Adjustment Factor - 20 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LD6 Labor Associated with Detention of Conveying Equipment.  LD7 Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LEP Linehaul To Port of Embarkation.  LFL Less Than Container, Factory Load.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MIS Multi-Tank Surveillance Service.  MIP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.		, , , , , , , , , , , , , , , , , , ,
LAB Land Bridge (Import/Export).  LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC4 Land Currency Adjustment Factor - 20 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LC6 Land Currency Adjustment Factor - 20 Foot Container.  LC7 Land Currency Adjustment Factor - 20 Foot Container.  LD8 Labor Associated with Detention of Conveying Equipment.  LD9 Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFU Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MTS Multi-Tank Surveillance Service.  MTS Nutransit Flat Shipment.	LAA	
LAD Labor Disturbance.  LAO Layover.  LAS Layover Service.  LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LC3 Land Currency Adjustment Factor - 20 Foot Container.  LC4 Land Currency Adjustment - 40 Foot Container.  LC5 Land Currency Adjustment Factor - 20 Foot Container.  LD6 Labor Associated with Detention of Conveying Equipment.  LD7 Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Full Carload.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MIS Multi-Tank Surveillance Service.  MIP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Nontransit Flat Shipment.		
LAS Layover Service.  LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LFC Less Than Full Carload.  LFL Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MITS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF New Equipment First Transborder Movement.  NFF Not for Export.  NFF Nontransit Flat Shipment.	LAD	
LAS Layover Service.  LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LFC Less Than Full Carload.  LFL Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MITS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF New Equipment First Transborder Movement.  NFF Not for Export.  NFF Nontransit Flat Shipment.	L	
LBD Labor Disturbance.  LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFL Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container.  LTL Less Than Container, Consolidator Load.  LTL Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFS Nontransit Flat Shipment.		
LBS Light Bar Service.  LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFS Nontransit Flat Shipment.		
LBT Low Boy Trailer/Flat Bed.  LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment Factor - 20 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTI Less Than Container, Consolidator Load.  LTT Less Than Container, Consolidator Load.  LTT Less Than Refrigeration.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF Not for Export.  NFS Nontransit Flat Shipment.		
LC1 Land Currency Adjustment - 40 Foot Container.  LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment - 40 Foot Container.  LCF Land Currency Adjustment - 40 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Full Carload.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MIS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFS Nontransit Flat Shipment.		
LC2 Land Currency Adjustment Factor - 20 Foot Container.  LCA Land Currency Adjustment - 40 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MIS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFS Nontransit Flat Shipment.		
LCA Land Currency Adjustment - 40 Foot Container.  LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF New Equipment First Transborder Movement.  NFF Not for Export.  NFS Nontransit Flat Shipment.		
LCF Land Currency Adjustment Factor - 20 Foot Container.  LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF New Equipment First Transborder Movement.  NFF Not for Export.  NFS Nontransit Flat Shipment.		
LDE Labor Associated with Detention of Conveying Equipment.  LDP Linehaul from Port of Debarkation.  LFP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFU Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF New Equipment First Transborder Movement.  NFS Nontransit Flat Shipment.		
LDP Linehaul from Port of Debarkation.  LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NFF New Equipment First Transborder Movement.  NFS Nontransit Flat Shipment.		
LEP Linehaul To Port of Embarkation.  LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		, , ,
LFC Less Than Full Carload.  LFL Less Than Container, Factory Load.  LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LFL Less Than Container, Factory Load. LFV Loaded to Full Visible Capacity. LIS Linehaul Service. LIU Live Unload. LOC Liability of Carrier. LOD Loading Devices. LPD Linehaul Percent Differential. LSO Local Service Only. LTC Less Than Container. LTD Liner Terms at Port of Debarkation. LTE Liner Terms at Port of Embarkation. LTL Less Than Container, Consolidator Load. LTT Less Than Truckload. MAW Manifest Must Accompany Waybill. MER Mechanical Refrigeration. MFI Moving Under "For Furtherance Instructions" and May Be Delivered. MOA Modified Atmosphere. MSS Motor Surveillance Service. MTS Multi-Tank Surveillance Service. MUP Multiple Pickup. NCB Notify Consignee Before Delivery. NEF New Equipment First Transborder Movement. NFE Not for Export. NFS Nontransit Flat Shipment.		
LFV Loaded to Full Visible Capacity.  LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LIS Linehaul Service.  LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LIU Live Unload.  LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LOC Liability of Carrier.  LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LOD Loading Devices.  LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LPD Linehaul Percent Differential.  LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LSO Local Service Only.  LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LTC Less Than Container.  LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LTD Liner Terms at Port of Debarkation.  LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		,
LTE Liner Terms at Port of Embarkation.  LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LTL Less Than Container, Consolidator Load.  LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
LTT Less Than Truckload.  MAW Manifest Must Accompany Waybill.  MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
MAWManifest Must Accompany Waybill.MERMechanical Refrigeration.MFIMoving Under "For Furtherance Instructions" and May Be Delivered.MOAModified Atmosphere.MSSMotor Surveillance Service.MTSMulti-Tank Surveillance Service.MUPMultiple Pickup.NCBNotify Consignee Before Delivery.NEFNew Equipment First Transborder Movement.NFENot for Export.NFSNontransit Flat Shipment.		
MER Mechanical Refrigeration.  MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
MFI Moving Under "For Furtherance Instructions" and May Be Delivered.  MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
MOA Modified Atmosphere.  MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
MSS Motor Surveillance Service.  MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
MTS Multi-Tank Surveillance Service.  MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
MUP Multiple Pickup.  NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
NCB Notify Consignee Before Delivery.  NEF New Equipment First Transborder Movement.  NFE Not for Export.  NFS Nontransit Flat Shipment.		
NEFNew Equipment First Transborder Movement.NFENot for Export.NFSNontransit Flat Shipment.		
NFE Not for Export. NFS Nontransit Flat Shipment.		
NFS Nontransit Flat Shipment.		

NPR	No Placards Required.
NRC	Not Restricted Cargo.
NSB	Notify Shipper Before Reconsignment.
NSE	No Special Entrainment Required.
NSI	Notify Shipper Immediately if Shipment is Delayed en Route.
NUW	In Case of Fire Do Not Use Water.
OAH	Offshore - Alaska/Hawaii Service.
ODS	On Deck Stowage.
OHC	Over Height Container.
ОТН	Other.
OVF	Overflow.
OVP	Oversized Premium.
OVW	Overweight.
OWR	One Way Rates Applied.
PAD	Pickup and Delivery.
PAS	Partial Shipment.
PAU	Pack and Unpack.
PAW	Preparation of Air Waybill - Origin.
PCC	Preparation of Canadian Customs Invoice.
PDB	Pickup and Delivery Beyond Service Area.
PDL	Percent Differential - Less Than Container.
PDS	Pickup and Delivery From Storage in Transit.
PEE	Preparation of Export Entry.
PFH	Protect From Heat.
PHR	Per Hour Rates Applied.
PIC	Preparation of Insurance Certificate.
PIT	Pier Time.
PIU	Pickup.
PLR	Protect Lowest Through Rate.
PMD	P.M. Delivery Requirement.
PMR	Per Mile Rates Apply.
POC	Port Changes.
PPC	PPC, FOB -Destination charge to customer.
PPD	PPD, Prepay+I35/Add Freight to Invoice.
	1 ' ' ' '
PPS	Product Protection Service.
PRS	Priority Service.
PSC PSN	Protective Security Service.  Pickup of Shipments on Saturday, Sunday, and/or Holidays Requiring
PSIN	
PSP	Absolute Next Day Delivery.  Pallets/Skids/Platforms.
PSS	, ,
	Pickup of Shipments Requiring Same Day Delivery Service.
PST	Pickup of Shipments Requiring Same Day Delivery Service and/or
PUE	Delivery at a Specified Time.
PUE	Preparation of U.S. Export Documentation.
	PUP Trailer Rates Apply.
RAH	Railhead Handling.
RAM	Radioactive Material.
RBC	Render Bill for Charges.
RCD	Reefer Cargo Percent Differential.
RCG	Return Carrier Guard Car Service.

RCP	Railroad Controlled Private Equipment Subject to Demurrage.
RCS	Reconsignment.
REA	Return Authorization.
REC	Return of Empty Container.
RED	Redelivery.
REF	Refrigerated.
REM	Reefer Maintenance.
RER	Reweight Requested.
RES	Reservations.
RFT	Record for Transit.
RMP	Return Movement of Pallet.
ROE	ROEE Van Type Truck.
ROS	Roadrailer Service.
RSC	Requires Shelf Couplers.
RSD	Residential Delivery.
RSM	Reshipment.
RST	Respotting.
RTS	Round Trip Service.
RUO	Rush Order.
RVC	Released Value Charge in Excess of Carrier Maximum Liability.
RWE	Roadway Easy Rates Applied.
SAD	Saturday Delivery.
SAH	Stow Away from Heat.
SAR	Shipper Authorization Required for Diversion or Consignment.
SCA	Service Charge Applies.
SCC	Shipper Load/Carrier Count.
SCG	Shipper Certifies Gross Weight under 240,000 pounds.
SCL	Apply a Uniform Code Council/International Article Numbering
SCL	Association (UCC/EAN) Serial Shipping Container Label to the Shipping
	Containers.
SCW	Stretch Wrap.
SDS	Special Dromedary Service.
SEC	Special Equipment Charge.
SED	Shipper Export Declaration Required.
SEE	
SES	Stairs, Elevator, Excess Carry.
	Security Signature Service.
SFD	Single Factor Origination/Port of Debarkation.
SFO SFP	Single Factor Origination/Destination.
	Single Factor Port of Embarkation/Destination.
SFS	Satisfactory Service Standards.
SGD	Single Driver.
SHH	Shipment Holdover for Holidays.
SHL	Shiftable Load.
SHP	Sunday or Holiday Pickup or Delivery.
SHW	Shipment Holdover for Weekends.
SID	Shipment to be Inspected at Destination and Disposition Instructions will
CID	be Furnished.
SIR	Signature Required.
SIS	Single Shipment.
SLC	Shipper Load and Carrier Unload.

SLD	Split Delivery.
SLO	Shipper Load and Count.
SLP	Split Pickup.
SLS	Shipper Load and Consignee Unload.
SMP	Small Package.
SMS	Special Motor Surveillance.
SNT	Shipment from Non-Temp Storage.
SOD	Stop-off at Destination.
SOE	Shipment Holdover on Weekends.
SOH	Shipment Holdover on Holidays.
S00	Stop-off at Origination.
SOW	Shipment Holdover on Weekdays.
SPC	Special Containers.
SPD	Saturday Pickup or Delivery.
SPL	Shipper Load.
SPP	Special Permit.
SPR	Speed Restricted.
SPS	Special Permits.
SPU	Saturday Pick-Up.
SR1	Speed Restricted to 15 Miles per Hour.
SR2	Speed Restricted to 25 Miles per Hour.
SR3	Speed Restricted to 35 Miles per Hour.
SR4	Speed Restricted to 45 Miles per Hour.
SRC	Shove to Rest and Cover.
SRG	Storage.
SSC	Stripping, Sorting and Consolidation.
SSD	Subject to Special Detention Rules/Charges.
SSN	Substitute Service Not to be Used.
SSS	Satellite Surveillance Service.
SST	Spot for Storage - No Shipment.
STM	Special Train Movement.
STO	Stop-off.
STR	Signature and Tally Record.
STT	Stack Train.
STW	Stowage.
SUR	Supervisor Requested.
SVR	Surveying Routes.
TAT	Tendered as Truckload (Truckload Service Requested).
TCL	Trailer, Consolidator Load.
TDS	Time of Delivery and Signature Required.
TEC	Temperature Control.
TER	Termination.
TFL	Trailer, Factory Load.
	Transfer Product.
THC	Terminal Handling Charges.
TLO	Top Load Only.
TMV	Tendering of Multiple Vehicles.
TOC	Truckload-Double Operator-Common Carrier.
TOP	Truckload-Double Operator-Padded Van.
TOS	Total Shipment.

TPS	Third Party Service.
TRA	Truck Rates Applicable.
TRP	Trailer Preparation - Special.
TRS	Trade Show.
TSN	Transmit a Ship Notice/Manifest Transaction Set.
TSS	Transit Shipment.
TTD	Team Track Delivery.
TTR	Tentative Release - Tentatively releasing the shipment either for import or export and subject to compliance to additional conditions which could be executed later.
TVR	Time Volume Rates Only.
UAP	Unload as Placarded.
UAT	Use of Alternate Terminal.
ULS	Unload from Left Side of Car.
UNH	Use No Hooks.
UNI	Unitized.
UNP	Unpacking.
UOR	Unloading or Reloading.
UPP	Unprotected Perishable.
URS	Unload from Right Side of Car.
VEI	Ventilation Instructions.
VEW	Verification Weigh.
WAI	Waive Inspection.
WCO	Weigh to Check for Overload.
WEE	Weigh Empty.
WEV	Weight Verification.
WID	Waived Inspection - Set Direct.
WPD	Written Proof of Delivery.
WTA	Waiting Time Authorized.

# 3.2 Logistics

## 3.2.1 Logistics

#### 3.2.1.1 Dependency Diagram

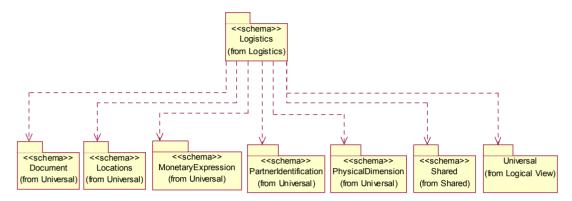


Figure 3-4 Dependency

#### 3.2.1.2 HazardousMaterialDescription

The collection of business properties that describe the nature of dangerous goods tendered for transportation.

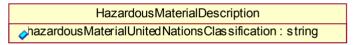


Figure 3-5 HazardousMaterialDescription

Attribute	Туре	Documentation
hazardousMaterialUnited	string	Code classifying hazardous material
NationsClassification		products.

#### 3.2.1.3 ManufacturerProfile

The collection of business properties that describe a manufacturer's product.

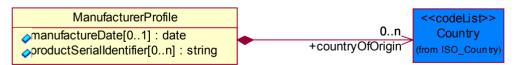


Figure 3-6 ManufacturerProfile

Attribute	Туре	Documentation
manufactureDate[01]	date	The date the product was manufactured.
productSerialIdentifier[0	string	Serial number(s) of a product.
n]		

Composition Cardinality Type	Documentation
------------------------------	---------------

countryOfOrigin	0n	Country	Country where product
			originates.

## 3.2.1.4 MassPhysicalDimension

The physical dimension of unit of mass used for measuring the masses of weights, volumes etc.

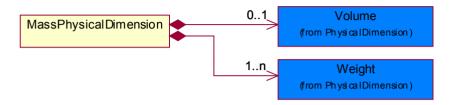


Figure 3-7 MassPhysicalDimension

Composition	Cardinality	Туре	Documentation
Volume	01	Volume	The business document must be able to express the volume of an object.
Weight	1n	Weight The business document must be able to express the weight of an object.	

#### 3.2.1.5 ShipmentDate

The collection of business properties that identifies a constraint on when the products may be shipped.



Figure 3-8 ShipmentDate

Attribute	Туре	Documentation	
shipDate	dateTime	The date when the shipment maybe shipped.	

Composition	Cardinality	Туре	Documentation
ShipDateCode	1	ShipDateCode	Code identifying a type of ship date.

## 3.2.1.6 TrackingReference

Proprietary unique identifier for tracking product shipments.

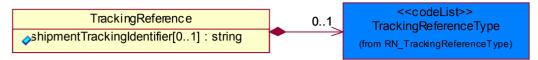


Figure 3-9 TrackingReference

Attribute	Туре	Documentation
shipmentTrackingIdentifi	string	Proprietary unique identifier for tracking
er[01]		product shipments.

Composition	Cardinality	Туре	Documentation
TrackingReferenc	01	TrackingReferenceTyp	Code identifying the type
еТуре		е	of document reference
			being used to track a
			shipment.

#### 3.2.2 CodeList

# 3.2.2.1 TrackingReferenceType

Code identifying the type of document reference being used to track a shipment.

Name	Documentation
BKN	Booking Number - Shipment identification number assigned by shipper
	when booking freight shipment with carrier.
BOL	Bill of Lading Number - Shipment identification number on bill of lading
	issued by shipper, forwarder or carrier.
CIN	Commercial Invoice - An invoice for customs purposes to allow the
	determination of the proper import/export duty/taxes.
CRN	Carrier Reference Number - Carrier assigned shipment identification
	number on bill of lading.
FTR	Freight Tracking Reference - Reference number that describes
	information about tracing shipments during the transportation process.
HAN	House Airwaybill Number - Forwarder assigned shipment identification
	number on bill of lading issued by forwarder.
MAB	Master Airwaybill Number - Carrier assigned shipment identification
	number on bill of lading issued by carrier.
OBL	Ocean Bill of Lading Number - Carrier assigned shipment identification
	number on bill of lading issued by carrier.
PON	Purchase Order Number.
PRO	Pro Number - Carrier assigned shipment identification number on bill of
	lading.
PSN	Packing Slip Number - Shipment identification number on shipment
	contents packing list attached to shipment.
RFI	Radio Frequency Identification (RFID).
RRN	Route Reference Number.
SID	Seal Identifier - Trailer or container seal number assigned by party

	closing doors on trailer or container.
SON	Seller Sales Order Number.
SRN	Shipper Reference Number - Shipper assigned shipment identification number on bill of lading issued by shipper or forwarder.
TRN	Trailer Number - Owner assigned equipment identification number on trailer.

# **3.2.2.2 Incoterms**

Code identifying incoterms.

Name	Documentation
CFR	Cost and Freight (named port of destination).
CIF	Cost, Insurance and Freight (named port of destination).
CIP	Carriage and insurance paid to (named place of destination).
CPT	Carriage Paid To (named place of destination).
DAF	Delivered at Frontier (named place).
DDP	Delivered Duty Paid (named place of destination).
DDU	Delivered Duty Unpaid (named place of destination).
DEQ	Delivered Ex Quay (duty paid) (named port of destination).
DES	Delivered Ex Ship (named port of destination).
EXW	Ex Works (named place).
FAS	Free Along Ship (named port of shipment).
FCA	Free Carrier (named place).
FOB	Free on Board (named port of shipment).

# 3.2.2.3 ShipmentChangeDisposition

Code identifying the additional reasons for a change to a product shipment.

Name	Documentation
ABS	Abandon shipment.
CAS	Cancel shipment.
DES	Destroy shipment.
RES	Release shipment.
ROC	Reassignment of carrier.
RTS	Return Shipment.
SFN	Stop shipment until further notice.

# 3.2.2.4 ShipmentMode

The method of transport used for the conveyance of goods.

Name	Documentation
AIE	Air Express.
AIF	Air Freight.
AIR	Air.
COC	Contract Carrier.
COO	Containerized Ocean.

CPI	Customer Pickup.
EXT	Expedited Truck.
INM	Intermodal.
MAT	Mail Transport.
MOT	Motor.
OCE	Ocean.
OTH	Others.
PRC	Private Carrier.
RAI	Rail.
TRK	Truck.

# 3.2.2.5 NationalExportControlClassification

Code identifying product classification for export regulation.

Name	Documentation
CLE	Clearance - The cargo will be or has been cleared.
CUC	Already customs cleared in the importing country, arrangement for
	inspection are not necessary because they were cleared before.
DET	Detention - The cargo has been or will be detained.
DOR	Documents Required - Pertinent documents are required.
DRC	Documents Requirements Completed - All requirements for documents
	have been completed.
FUM	Fumigation - The cargo has been or will be fumigated.
IAC	Inspection Arrangements Completed - Arrangements for inspection of the
	cargo have been completed.
IAR	Inspection Arrangements Required - Arrangements for inspection of the
	cargo are required.
INS	Inspection - The cargo has been or will be inspected.
LWI	Lowest Importance.
NCP	No Customs Procedure - Customs clearance not required.
SAC	Safety Arrangements Completed - Arrangements for safeguarding the
	cargo have been completed.
SAR	Safety Arrangements Required - Arrangements for safeguarding the
	cargo are required.
SCR	Security - The cargo has been or will be secured.
SEC	Security Arrangements Completed - Arrangements for storing the cargo
	have been completed.
SER	Security Arrangements Required - Arrangements for the security of the
	cargo are required.
STR	Storage arrangements required - Arrangements for storing the cargo are
	required.
TAC	Transport Arrangements Completed - All arrangements for transport have
	been completed.
TAR	Transport Arrangements Required - Transport has to be arranged.

# 3.2.2.6 ShipDateCode

Code identifying a type of ship date.

lown.
nt.
DE).
,

EDA	Effective Date.
EDB	Expiration Date.
EDD	Estimated Delivery Date.
EDO	Ending Date of Customer Plant Shutdown.
EES	Est. Next Promo, Ship Date End.
EFD	Equipment Furnished Date.
EPD	Earliest Pickup Date.
EPE	Est. Next Promo (Date end).
EPS	Est. Next Promo (Date start).
ERE	Expected Reply.
ESE	Est. Next Promo, Ship Date Start.
FBD	Freight Bill Date.
FOD	First Order Date.
FSD	First Ship Date.
GED	Guarantee Expiration Date.
INS	Inspection.
IVD	Invoice Date.
LAC	Last Acquisition.
LDE	Last Demand.
LPD	Latest Pickup Date.
MNF	Manufacture.
MRB	Must Respond By.
NTF	Notified.
OFD	Offered for Delivery.
OPO	Original Purchase Order Date.
ORD	Ordered.
OTR	Original Transaction.
PAG	Pickup Appointment Granted Date.
PAS	Pickup Appointment Granted Bate.
PBD	Publication Date.
PCE	Price Change Effective Date.
PCL	Price Change Last Arrival Date.
PCM	Price Change Last Arrival Date.  Price Change Last Order Date.
PCO	Purchase Order Date.
PCR	Purchase Order Received.
PCS	
PDA	Price Change Last Ship Date. Pack Date.
PDE	Promotion Order Date (End).
PDS	Promotion Order Date (End).  Promotion Order Date (Start).
PFE	,
	Promotion Floor Stock Protect (End).
PFS	Promotion Floor Stock Protect (Start).
PME	Promotion Ship Date (End).
PMO	Promotion End.
PMS	Promotion Ship Date (Start).
PMT	Promotion Start.
PPD	Preferred Payment Date.
PPE	Promotion Performance Date (End).
PPS	Promotion Performance Date (Start).
PRD	Product Receipt Date.
PRE	Period End.

PRS Promotion Requested Delivery Date (Start). PSD Process Date. PSH Pickup Requested Scheduled Date. PVE Promotion Invoice Protection Date (End). PVS Promotion Invoice Protection Date (Start). RDD Requested Delivery Date. REC Recorded. REJ Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHC Signature. SIG Signature. SIG Signature. SIS Store Inventory Stock. SLE Shelf-Life Expiration. SLE Shelf-Life Expiration. SPP Scheduled Pick-up Date - Appointment confirmed. SPP Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick- Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. TDD Terms Net Due Date. TRS Transaction Control Date. TRS Transaction Control Date.	PRQ	Promotion Requested Delivery Date (End).
PSD Process Date. PSH Pickup Requested Scheduled Date. PVE Promotion Invoice Protection Date (End). PVS Promotion Invoice Protection Date (Start). RDD Requested Delivery Date. REC Recorded. REI Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLE Shelf-Life Expiration. SLE Shelf-Life Expiration. SPP Scheduled Pick-up Date - Appointment confirmed. SPP Spot for Load Exchange Date (Export). SPP Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick-up Date - Spot for Load Date. SPP Spot for Storage Date (No shipment). SPP Scheduled Pick - Up Date. SPP Scheduled Pick - Up Date. SPP Spot for Storage Date (No shipment). SPU Spot for Unload Date. SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Discount Due Date. TRA Transfer. TRS Transaction Control Date.		
PSH Pickup Requested Scheduled Date. PVE Promotion Invoice Protection Date (End). PVS Promotion Invoice Protection Date (End). PVS Promotion Invoice Protection Date (Start).  RDD Requested Delivery Date. REC Recorded. REJ Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Pack Date. RSD Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHB Ship Not Later Than Date. SHG Signature. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick-up Date - Needs confirmation. SPP Spot for Storage Date (No shipment). SPU Spot for Unload Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. TDD Terms Net Due Date. TRA Transfer. TRS Transaction Control Date.		
PVE Promotion Invoice Protection Date (End). PVS Promotion Invoice Protection Date (Start).  RDD Requested Delivery Date. REC Recorded. REJ Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHO Shipped on This Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick- Up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Discount Due Date. TRA Transfer. TRS Transaction Control Date.		
PVS Promotion Invoice Protection Date (Start).  RDD Requested Delivery Date.  REC Recorded.  REJ Rejection.  REL Released.  REQ Required By.  RPD Requested Pack Date.  RSD Requested Ship Date/Pick-up Date.  SDA Scheduled Delivery Date - Appointment confirmed.  SDC Scheduled Delivery Date.  SHB Ship Not Before Date.  SHB Ship Not Later Than Date.  SHG Signature.  SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPP Scheduled Pick- Up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Storage Date (No shipment).  SPU Superseded Date.  SWO Ship Week Of Date.  TND Terms Discount Date.  TRA Transaction Control Date.  TRA Transaction Control Date.		
RDD Requested Delivery Date. REC Recorded. REJ Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHO Shipped on This Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPE Spot for Load Date. SPN Scheduled Pick- Up Date - Needs confirmation. SPP Scheduled Pick- Up Date. SPP Scheduled Pick- Up Date. SPP Scheduled Pick- Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TND Terms Discount Due Date. TRA Transaction Control Date.		
REC Recorded. REJ Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHC Signature. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPP Scheduled Pick - Up Date. SPP Scheduled Pick - Up Date. SPS Spot for Storage Date (No shipment). SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Discount Due Date. TRA Transfer. TRS Transaction Control Date.		
REJ Rejection. REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHO Shipped on This Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPP Scheduled Pick - Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TTRD Terms Net Due Date. TRA Transfer. TRS Transaction Control Date.		'
REL Released. REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHC Signature. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPP Scheduled Pick - Up Date. SPP Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Net Due Date. TRA Transfer. TRS Transaction Control Date.		
REQ Required By. RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHC Signature. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick - Up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPP Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Discount Due Date. TRA Transfer. TRS Transaction Control Date.		· ·
RPD Requested Pack Date. RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHL Ship Not Later Than Date. SHO Shipped on This Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TND Terms Net Due Date. TRA Transfer. TRS Transaction Control Date.		
RSD Requested Ship Date/Pick-up Date. SDA Scheduled Delivery Date - Appointment confirmed. SDC Scheduled Delivery Date - Needs confirmation. SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHO Shipped on This Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPP Scheduled Pick - Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Discount Due Date. TRA Transfer. TRS Transaction Control Date.		
SDA Scheduled Delivery Date - Appointment confirmed.  SDC Scheduled Delivery Date - Needs confirmation.  SDD Scheduled Delivery Date.  SHB Ship Not Before Date.  SHL Ship Not Later Than Date.  SHO Shipped on This Date.  SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TND Terms Discount Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SDC Scheduled Delivery Date - Needs confirmation.  SDD Scheduled Delivery Date.  SHB Ship Not Before Date.  SHL Ship Not Later Than Date.  SHO Shipped on This Date.  SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLE Shelf-Life Expiration.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SDD Scheduled Delivery Date. SHB Ship Not Before Date. SHL Ship Not Later Than Date. SHO Shipped on This Date. SIG Signature. SIS Store Inventory Stock. SLD Sold Date. SLE Shelf-Life Expiration. SLG Sailing Date. SPA Scheduled Pick-up Date - Appointment confirmed. SPE Spot for Load Exchange Date (Export). SPL Spot for Load Date. SPN Scheduled Pick-up Date - Needs confirmation. SPP Scheduled Pick - Up Date. SPN Scheduled Pick - Up Date. SPS Spot for Storage Date (No shipment). SPU Spot for Unload Date. SSC Scheduled Service Completion. SUD Superseded Date. SWO Ship Week Of Date. TDD Terms Discount Due Date. TRA Transfer. TRS Transaction Control Date.		
SHB Ship Not Before Date.  SHL Ship Not Later Than Date.  SHO Shipped on This Date.  SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick- Up Date.  SPN Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SHL Ship Not Later Than Date.  SHO Shipped on This Date.  SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick-up Date.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SHO Shipped on This Date.  SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick-up Date.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SIG Signature.  SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SIS Store Inventory Stock.  SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SLD Sold Date.  SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SLE Shelf-Life Expiration.  SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SLG Sailing Date.  SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SPA Scheduled Pick-up Date - Appointment confirmed.  SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		·
SPE Spot for Load Exchange Date (Export).  SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		<u> </u>
SPL Spot for Load Date.  SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SPN Scheduled Pick-up Date - Needs confirmation.  SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SPP Scheduled Pick - Up Date.  SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SPS Spot for Storage Date (No shipment).  SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		•
SPU Spot for Unload Date.  SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SSC Scheduled Service Completion.  SUD Superseded Date.  SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SUD Superseded Date. SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
SWO Ship Week Of Date.  TDD Terms Discount Due Date.  TND Terms Net Due Date.  TRA Transfer.  TRS Transaction Control Date.		
TDD Terms Discount Due Date. TND Terms Net Due Date. TRA Transfer. TRS Transaction Control Date.		
TND Terms Net Due Date. TRA Transfer. TRS Transaction Control Date.		
TRA Transfer. TRS Transaction Control Date.	TND	
TRS Transaction Control Date.		
VAL Validated.		
WIS Warehouse Inventory Stock.		
WRT Warranty Expiration.		,

# 3.3 Manufacturing

## 3.3.1 Manufacturing

### 3.3.1.1 Dependency Diagram

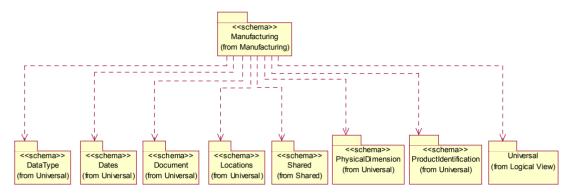


Figure 3-10 Dependency

### 3.3.1.2 LotQuantity

The collection of business properties that describe the quantity of items in a lot.

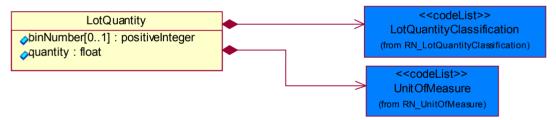


Figure 3-11 LotQuantity

Attribute	Туре	Documentation
binNumber[01]	positiveInteger	Code number used to segregate lot quantities
		by performance after final testing.
quantity	float	A quantity specifying the number of product
		units.

Composition	Cardinality	Туре	Documentation
UnitOfMeasure	1	UnitOfMeasure	Code identifying a product unit of measure.
LotQuantityClassif ication	1	LotQuantityClassificat ion	Code identifying the classification of a manufacturing lot quantity.

### 3.3.2 CodeList

# 3.3.2.1 LotQuantityClassification

Code identifying the classification of a manufacturing lot quantity.

Name	Documentation
ACC	Acceptable. The lot quantity meets the minimum requirements.
BON	Bonus. A positive variance in the lot quantity.
BTE	Bin Test. Bin Test Quantity.
CQU	Change Quantity. The change quantity event and quantity is intended to be used when the quantity of a lot changes for a reason other then those we have defined events for (scrap, reject, and bonus).
CUR	Current. Current Quantity.
GRO	Gross. The initial quantity of the lot.
LPR	Lot probe.
MER	Merge. Merge Quantity.
NET	Net. The final quantity of the lot.
PFI	Projected final. The estimated final quantity of the lot.
PLO	Previous lot. The quantity of the preceding lot.
REC	Receipt. Receipt Quantity.
REJ	Reject. Reject/Loss Quantity.
SCH	Schedule. A lot is still physically in the Die Bank (before being started) but has been allocated to start and as a result, is not available for being considered for planning purposes as it is already committed to.
SCR	Scrap. The quantity of products which is disposed of.
SHI	Ship. Actual Ship Quantity.
SPL	Split. Split Quantity.
STA	Start. Start Quantity.

### 3.4 Shared

#### **3.4.1 Shared**

### 3.4.1.1 Dependency Diagram

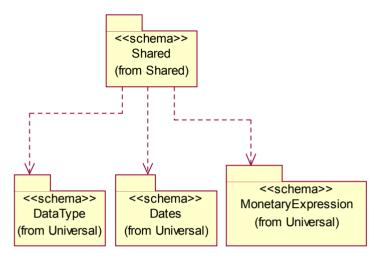


Figure 3-12 Dependency

#### 3.4.1.2 SCAC

The Standard Carrier Alpha Code (SCAC) is a unique two-to-four-letter code used to identify transportation companies. NMFTA developed the SCAC identification codes in the mid 1960's to facilitate computerization in the transportation industry.

Refer <a href="http://www.nmfta.org">http://www.nmfta.org</a> for more detail.

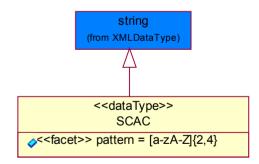


Figure 3-13 SCAC

Attribute	Туре	Documentation
pattern		[a-zA-Z]{2,4}

### 3.4.2 CodeList

## 3.4.2.1 PackageType

Code specifying the type of packaging for a product.

Name	Documentation
BOX	Box.
BRL	Barrel.
CRT	Carton.
LPK	Loose Package.
MHC	Material/Method of holding a string of computer chips.
MIX	Mixed Package.
OTH	Others.
PAC	Parcel.
PBG	Plastic Ball Grind Array.
PBX	Paper Box.
PCC	Plastic Chip Carrier.
PLT	Pallet.
REE	Reel.
TQF	Thin Quad Flat Package.
TRA	Tray.
TUB	Plastic tube to hold computer chips.
WDC	Wooden Crate.

# 3.4.2.2 ShippingServiceLevel

Code identifying the shipping service level, e.g., overnight, same day.

Name	Documentation
1BD	1BD, Same Business Day - 4 hour Response Time.
5BD	5 Business Days.
9AM	9 A.M.
ACH	Air Charter.
AEC	Air Economy.
AIC	Air Cargo.
AM	A.M.
ARS	Authorized Return Service.
ATA	Airport to Airport.
ATD	Airport to Door.
BCT	Bulk Commodity Train.
BUC	Business Class.
CBS	Consignee Billing Service.
COE	Courier Express.
DCR	Delivery Confirmation Return.
DEC	Delivery Confirmation.
DES	Deferred Service.
DNO	Delivery Notification Only.
DOS	Door Service.
DSN	Delivery scheduled next day by cartage agent.

DSS	Delivery scheduled second day by cartage agent.
DST	Delivery scheduled third day by cartage agent.
DTA	Door to Airport.
DTD	Door to Door.
DTP	Door to Port (Ocean).
ESP	Express Service Plus.
ESV	Expedited Service.
ESW	Expedited Service Worldwide.
EXS	Express Service.
EXW	Express Service - Worldwide.
FIC	First Class.
GEN	General.
GRO	Ground.
ISS	Other intermodal and stack service.
MAF	Manifest freight.
MET	Metro.
MUW	Multiweight.
NBD	Next Business Day.
NDA	Next Day Air.
NEM	Next Morning.
NFO	Next Flight Out.
NHW	Next day Hundred Weight.
NOR	NORMAL - Normal delivery.
NOS	Not served.
OIS	Other Intermodal and Stack service
OTH	Other.
OVN	Overnight.
PAS	Passenger service.
PIU	Pickup.
PM	PM.
PMI	Priority Mail Insured.
POB	P.O. Box/Zip code.
POD	Proof of Delivery (POD) with Signature.
PRM	Priority Mail.
PRS	Premium Surface.
PS1	Primary Service Area - Next Day by 10:30 A.M.
PS2	Primary Service Area - Next Day by 5:00 P.M.
PS3	Primary Service Area - Next Day By 9:30 A.M.
PS4	Primary Service Area - Next Day by Noon.
PS5	Primary Service Area - Second Day by Noon.
PTD	Port to Door (Ocean).
PTP	Port to Port (Ocean).
REG	Regular.
SAD	Same day.
SAP	Saturday Pickup.
SAT	Saturday.
SBD	SBD, Second Business Day.
SCH	Scheduled.
SDA	Second Day Air.
SDW	Second Day Hundred Weight.
- ··	1 / riminare rieigina

SED	Second Day.
SEM	Second Morning.
SGW	Standard Ground Hundred Weight.
STC	Standard Class.
STG	Standard Ground.
STO	Standard Ocean.
STS	Standard Service.
SUH	Sunday and Holidays.
TDS	Three Day Service.
TIC	Time Critical.
TRG	Tracking - Ground.

# 4. Universal Structure

### 4.1 ContactInformation

#### 4.1.1 ContactInformation

The business document must allow for the identification of the name of the department, service or individual to be contacted regarding the context of the business document.

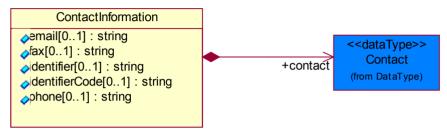


Figure 4-1 ContactInformation

Attribute	Туре	Documentation
email[01]	string	The electronic mail for the specified contact.
fax[01]	string	The fax number for the specified contact.
identifier[01]	string	Identifies the role of the contact (i.e. Service
		Technician, Account Manager) in the Business
		Process.
identifierCode[01]	string	IdentifierCode is a unique security authorization code
		to identify the contact- ie. badge ID.
phone[01]	string	The telephone number for the specified contact.

Composition	Cardinality	Туре	Documentation
contact	1	Contact	The name of the department, service or individual to be contacted within the organization.

# 4.2 DataType

#### 4.2.1 Contact

The name of the department, service or individual to be contacted within the organization.

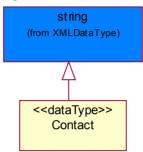


Figure 4-2 Contact

#### **4.2.2 DUNS**

A number assigned by Dun and Bradstreet to identify a business location.

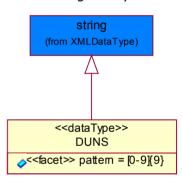


Figure 4-3 DUNS

Attribute	Туре	Documentation
pattern		[0-9]{9}

#### 4.2.3 DUNSPlus4

A identifier to specify a specific location within a business location.

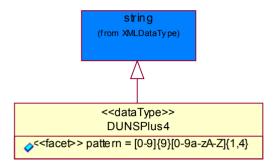


Figure 4-4 DUNSPlus4

Attribute	Type	Documentation
pattern		Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by Dun and Bradstreet, Inc. (D&B) plus an alphanumeric of length 4 suffix that may be assigned by a business concern.

Validated 11.03.00

#### 4.2.4 GLN

Global Location Number (GLN) - A identifier to identify legal entities, trading parties and location.

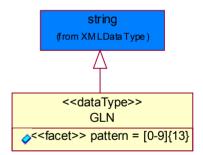


Figure 4-5 GLN

Attribute	Туре	Documentation
pattern		[0-9]{13}

#### 4.2.5 GTIN

Global Trade Identification Number (GTIN).

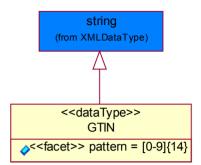


Figure 4-6 GTIN

Attribute	Туре	Documentation
pattern		[0-9]{14}

### 4.3 Document

#### 4.3.1 BusinessDocumentReference

The business document reference object allows for the indirect referencing of a relationship to other business related documents.

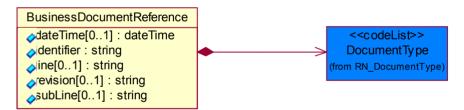


Figure 4-7 BusinessDocumentReference

Attribute	Туре	Documentation
dateTime[01]	dateTime	The date-time stamp indicating on the referenced business document.
identifier	string	Unique identification of the referenced business document.
line[01]	string	References the specific line number of the specified business document.
revision[01]	string	Referenced the revision of the specified business document.
subLine[01]	string	References the specific subline number of the specified business document.

Composition	Cardinality	Туре	Documentation
DocumentType	1	DocumentType	A code identifying the business
			context of a document.

### 4.4 Locations

### 4.4.1 AlternativeIdentifier

Identifies the specified code and the name of the organization that a code is utilized from.

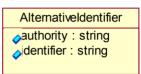


Figure 4-8 AlternativeIdentifier

Attribute	Type	Documentation
authority	string	The name of the organization that a code is utilized from.
identifier	string	The specified code to represent an entity (e.g. product,
		location, partner, etc.).

Validated 11.03.00

### 4.4.2 Location

The business document must specify a location.

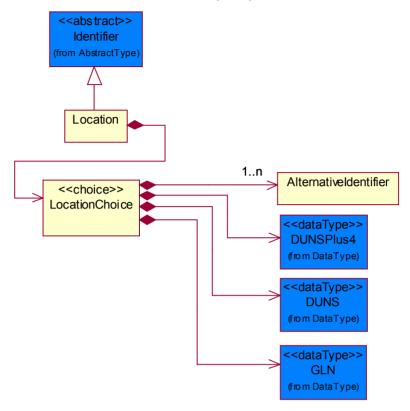


Figure 4-9 Location

Composition	Cardinality	Туре	Documentation
LocationChoice	1	LocationChoice	

#### 4.4.3 LocationChoice

Composition	Cardinality	Туре	Documentation
DUNSPlus4	1	DUNSPlus4	A identifier to specify a specific location within a
			business location.
DUNS	1	DUNS	A number assigned by
			Dun and Bradstreet to
			identify a business
			location.
AlternativeIdentifi	1n	AlternativeIdentifier	Identifies the specified
er			code and the name of the
			organization that a code
			is utilized from.
GLN	1	GLN	Global Location Number
			(GLN) - A identifier to
			identify legal entities,
			trading parties and
			location.

### 4.4.4 PhysicalAddress

The business document must provide a physical address for a party to the business transaction.

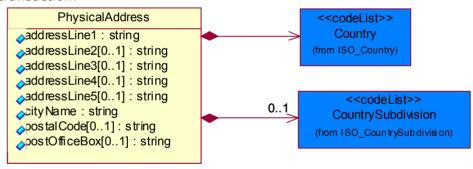


Figure 4-10 PhysicalAddress

Attribute	Type	Documentation
addressLine1	string	The first line of a physical address.
addressLine2[01]	string	The second line of a physical address.
addressLine3[01]	string	The third line of a physical address.
addressLine4[01]	string	The fourth line of a physical address.
addressLine5[01]	string	The fifth line of a physical address.
cityName	string	The name of a city.
postalCode[01]	string	Identifying geographic location as specified by a national postal code.
postOfficeBox[01]	string	The Post Office Box identifier used to identify a
postomecbox[01]	String	party's post office box.

Composition	Cardinality	Туре	Documentation
Country	1	Country	For representation of

			Country name RosettaNet has adopted ISO 3166-3; 1999. Refer to the following web page to get the latest version of the standard: http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html .If you need more information about the ISO standard please contact ISO for more details.
CountrySubdivisio n	01	CountrySubdivision	For representation of a Countries subdivisions RosettaNet has adopted ISO 3166-3; 1999. Refer to the following web page to get the latest version of the standard: http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html If you need more information about the ISO standard please contact ISO for more details.

# 4.5 MonetaryExpression

### 4.5.1 FinancialAmount

The business document must express financial amounts.

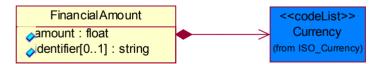


Figure 4-11 FinancialAmount

Attribute	Type	Documentation
amount	float	Specifies the monetary amount.
identifier[01]	string	Identifier is a unique identifier to which the specific price is
		tied - ie. promotion name/ program.

Composition	Cardinality	Туре	Documentation
Currency	1	Currency	For representation of Currency codes
			RosettaNet has adopted ISO 4217;
			1995. The British Standards
			Institution (BSI) is the ISO 4217
			Maintenance Agency. Refer to the
			following web page to get the latest
			version of the standard:
			http://www.bsi-
			<pre>global.com/Technical+Information/Pu</pre>
			<u>blications/ Publications/tig90.xalter</u> .
			If you need more information about
			the ISO standard please contact ISO
			for more details.

### 4.6 PartnerIdentification

### 4.6.1 PartnerIdentification

The business document must allow for the identity of one or more parties to the transaction.

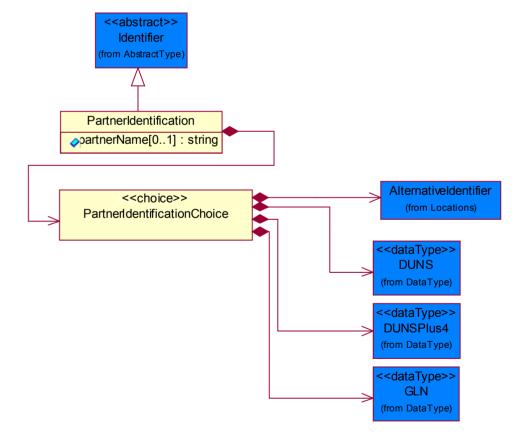


Figure 4-12 PartnerIdentification

Attribute	Type	Documentation
partnerName[01]	string	The name of the partner's company/business.

Composition	Cardinality	Туре	Documentation
PartnerIdentificati	1	PartnerIdentificationC	
onChoice		hoice	

#### 4.6.2 PartnerIdentificationChoice

Composition	Cardinality	Туре	Documentation
AlternativeIdentifi er	1	AlternativeIdentifier	Identifies the specified code and the name of the organization that a code is utilized from.
DUNS	1	DUNS	A number assigned by Dun and Bradstreet to identify a business location.
DUNSPlus4	1	DUNSPlus4	A identifier to specify a specific location within a business location.
GLN	1	GLN	Global Location Number (GLN) - A identifier to identify legal entities, trading parties and location.

# 4.6.3 SpecifiedFullPartner

The business document must describe the trading partners in the business transaction. This data structure provide the flexibility to describe a partner in all possible methods as for new, existing or known partner. This is specifically for partner who role has been specified.

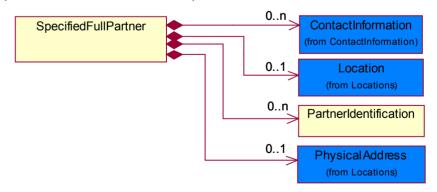


Figure 4-13 SpecifiedFullPartner

Composition	Cardinality	Туре	Documentation
ContactInformatio	0n	ContactInformation	The business document
n			must allow for the

			identification of the name of the department, service or individual to be contacted regarding the context of the business document.
Location	01	Location	The business document must specify a location.
PartnerIdentificati on	0n	PartnerIdentification	The business document must allow for the identity of one or more parties to the transaction.
PhysicalAddress	01	PhysicalAddress	The business document must provide a physical address for a party to the business transaction.

# **4.6.4 SpecifiedIntermittentPartner**

The business document must describe a physical address for a delivery.

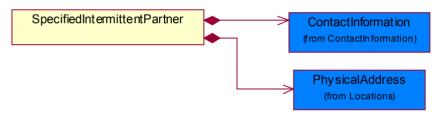


Figure 4-14 SpecifiedIntermittentPartner

Composition	Cardinality	Туре	Documentation
ContactInformatio n	1	ContactInformation	The business document must allow for the identification of the name of the department, service or individual to be contacted regarding the context of the business document.
PhysicalAddress	1	PhysicalAddress	The business document must provide a physical address for a party to the business transaction.

### 4.6.5 SpecifiedKnownPartner

The business document must describe the trading partners in the business transaction.



Figure 4-15 SpecifiedKnownPartner

Composition	Cardinality	Туре	Documentation
PartnerIdentificati	1	PartnerIdentification	The business document
on			must allow for the identity
			of one or more parties to
			the transaction.

## 4.6.6 SpecifiedKnownPartnerContact

The business document must describe the trading partners in the business transaction and allow for a identification of an individual of the trading partner.

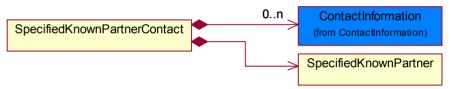


Figure 4-16 SpecifiedKnownPartnerContact

Composition	Cardinality	Туре	Documentation
SpecifiedKnownPa rtner	1	SpecifiedKnownPartn er	The business document must describe the trading partners in the business
			transaction.
ContactInformatio n	0n	ContactInformation	The business document must allow for the identification of the name of the department, service or individual to be contacted regarding the context of the business document.

### 4.6.7 SpecifiedNewPartner

The business document must describe a new, existing (but known to only one of the parties to the transaction) or an unknown party to the business transaction.

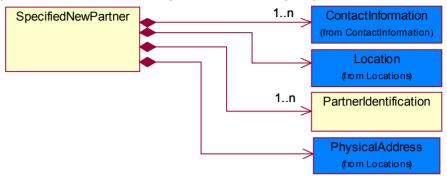


Figure 4-17 SpecifiedNewPartner

Composition	Cardinality	Туре	Documentation
ContactInformatio n	1n	ContactInformation	The business document must allow for the identification of the name of the department, service or individual to be contacted regarding the context of the business document.
Location	1	Location	The business document must specify a location.
PhysicalAddress	1	PhysicalAddress	The business document must provide a physical address for a party to the business transaction.
PartnerIdentificati on	1n	PartnerIdentification	The business document must allow for the identity of one or more parties to the transaction.

### 4.6.8 SpecifiedPartnerDescription

The collection of business properties that describe a business partners' identity, their contact information, where they are physically located and their function in a supply chain.

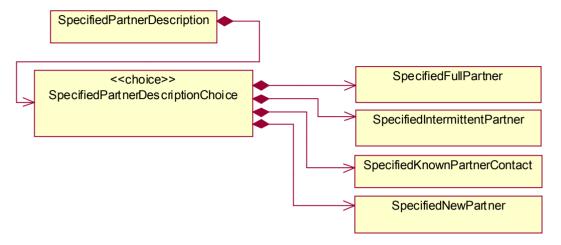


Figure 4-18 SpecifiedPartnerDescription

Composition	Cardinality	Туре	Documentation
SpecifiedPartnerD	1	SpecifiedPartnerDescr	
escriptionChoice		iptionChoice	

## 4.6.9 SpecifiedPartnerDescriptionChoice

Composition	Cardinality	Туре	Documentation
SpecifiedKnownPa rtnerContact	1	SpecifiedKnownPartn erContact	The business document must describe the trading partners in the business transaction and allow for a identification of an individual of the trading partner.
SpecifiedIntermitt entPartner	1	SpecifiedIntermittent Partner	The business document must describe a physical address for a delivery.
SpecifiedNewPart ner	1	SpecifiedNewPartner	The business document must describe a new, existing (but known to only one of the parties to the transaction) or an unknown party to the business transaction.
SpecifiedFullPartn er	1	SpecifiedFullPartner	The business document must describe the trading partners in the business transaction. This data

structure provide the flexibility to describe a partner in all possible methods as for new, existing or known partner. This is specifically for
partner who role has been specified.

# 4.7 Physical Dimension

### 4.7.1 Linear

The business document must be able to express the linear dimensions of an object.

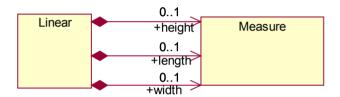


Figure 4-19 Linear

Composition	Cardinality	Туре	Documentation
height	01	Measure	To express the height of an object.
length	01	Measure	To express the length of an object.
width	01	Measure	To express the weight of an object.

#### 4.7.2 Measure

The business document must describe measurement information.

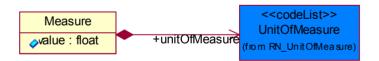


Figure 4-20 Measure

Attribute	Type	Documentation
value	float	The worth of an object in the specified unit of measure.

Composition	Cardinality	Туре	Documentation
unitOfMeasure	1	UnitOfMeasure	To express the unit type of
			measurement.

#### **4.7.3 Volume**

The business document must be able to express the volume of an object.

Validated 11.03.00

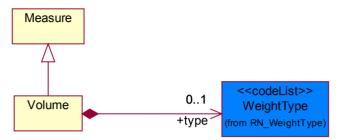


Figure 4-21 Volume

Composition	Cardinality	Туре	Documentation
type	01	WeightType	A code identifying the type of volumn.

### **4.7.4 Weight**

The business document must be able to express the weight of an object.

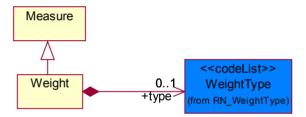


Figure 4-22 Weight

Composition	Cardinality	Туре	Documentation
type	01	WeightType	A code identifying the type of weight.

### 4.8 ProductIdentification

### 4.8.1 ProductIdentification

The object provides the identifier(s) of a product.

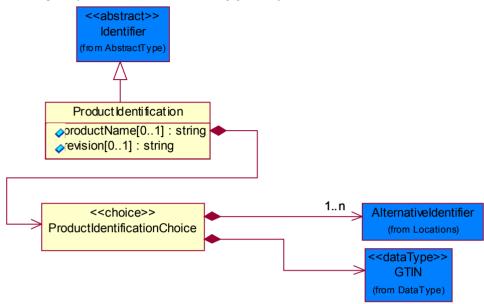


Figure 4-23 ProductIdentification

Attribute	Туре	Documentation
productName[01]	string	The name of the product.
revision[01]	string	Referenced the specified product revision.

Composition	Cardinality	Туре	Documentation
ProductIdentificati	1	ProductIdentificationC	
onChoice		hoice	

### 4.8.2 ProductIdentificationChoice

Composition	Cardinality	Туре	Documentation
AlternativeIdentifi	1n	AlternativeIdentifier	Identifies the specified
er			code and the name of the
			organization that a code
			is utilized from.
GTIN	1	GTIN	Global Trade Identification
			Number (GTIN).

#### 4.9 CodeList

### **4.9.1 Country**

For representation of Country name RosettaNet has adopted ISO 3166-3; 1999. Refer to the following web page to get the latest version of the standard: <a href="http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html">http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</a>

If you need more information about the ISO standard please contact ISO for more details. **CountrySubdivision** 

For representation of a Countries subdivisions RosettaNet has adopted ISO 3166-3; 1999. Refer to the following web page to get the latest version of the standard: <a href="http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html">http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</a>

If you need more information about the ISO standard please contact ISO for more details. **Currency** 

For representation of Currency codes RosettaNet has adopted ISO 4217; 1995. The British Standards Institution (BSI) is the ISO 4217 Maintenance Agency. Refer to the following web page to get the latest version of the standard:

http://www.bsi-

global.com/Technical+Information/Publications/ Publications/tig90.xalter

If you need more information about the ISO standard please contact ISO for more details. **Language** 

For representation of Language name RosettaNet has adopted ISO 639-2; 1998. Refer to the following web page to get the latest version of the standard: http://www.loc.gov/standards/iso639-2/iso639jac.html

If you need more information about the ISO standard please contact ISO for more details. **DocumentType** 

A code identifying the business context of a document.

Instance	Documentation
APM	Applied Promotions.
ARA	Authorization Request Approval.
CAR	Certificate of Analysis Response.
CBN	Product batch number of customer.
CCN	Customs clearance number.
CFA	Failure Analysis - Request document that will accompany the product providing characteristics of the component failure.
CIN	Commercial Invoice.
CNM	Traditional credit note or memo.
COA	Certificate of Analysis.
CON	In a virtual sourcing relationship, a third party trading partner is supplying a part to a customer on behalf of another company that has taken the order for the customer. In this case a Customer Order Number is associated to the request for material that is sent to the virtual trading partners.
COS	Consumption Notice.
COT	Contract.
CRN	Unique consumption reference number identifying the product

consumption issue i.e. one-to-one relationship with physical flow.  DEM Delivery Note.  DIN Delivery Note.  DIN Discontinuation Notice.  DOR Delivery Order.  DRN Drawing Number.  DRR Design Registration Request.  ECO Engineering Change Order - The proprietary unique identification number that represents an engineering change order.  EDD Export Declaration Document.  EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  OPR Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order or runber for materials or products into a facility against a purchase order or transfer order (inbound shipment).  REQ Requisition.  RAN Relurned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.		
DEN Delivery Note. DIN Discontinuation Notice. DOR Delivery Order. DRN Drawing Number. DRR Design Registration Request. ECO Engineering Change Order - The proprietary unique identification number that represents an engineering change order. EDD Export Declaration Document. EIR Engineering Information Request. EOL End of Life. FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment). IDD Import Declaration Document. INN Invoice. LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order). MEN Master Event Number. MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order). MON Model Number. NTS Notes. OCL The unique identifier assigned by the OEM for a warranty claim. OGA Other governmental agency issued document. OPO The unique identifier assigned by the OEM for a part order. OPR The unique identifier assigned by the OEM for a part return. PCN Product/Process Change. PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure. PII Refers to previously issued invoice. PLS Unique number that identifies packing form prior to shipment. POI Purchase Order IN. PON Production order number for material release. POO Purchase Order OUT. PRC Product Catalog. PSI Refers to previously issued self-billing invoice. PLS Unique number that identifying the receipt of materials or products into a facility against a purchase order or transfer order replenishing inventory into a facility (inbound shipment). REN Release Number. REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment). REN Release Number. REQ Requisition. RMA Returned Material Authorization. RPO Purchase order or transfer order returned to and reworked by a supplier.		consumption issue i.e. one-to-one relationship with physical flow.
DIN Discontinuation Notice.  DOR Delivery Order.  DRN Drawing Number.  DRR Design Registration Request.  ECO Engineering Change Order - The proprietary unique identification number that represents an engineering change order.  EDD Export Declaration Document.  EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON ProductCatalog.  PSI Refers to previously issued self-billing invoice.  PUC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.		Traditional debit note or memo.
DOR Delivery Order. DRN Drawing Number. DRR Design Registration Request. ECO Engineering Change Order - The proprietary unique identification number that represents an engineering change order. EDD Export Declaration Document. EIR Engineering Information Request. EOL End of Life. FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment). IDD Import Declaration Document. INV Invoice. LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order). MEN Master Event Number. MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order). MON Model Number. NTS Notes. OCL The unique identifier assigned by the OEM for a warranty claim. OGA Other governmental agency issued document. OPO The unique identifier assigned by the OEM for a part order. OPR The unique identifier assigned by the OEM for a part return. PCN Product/Process Change. PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure. PII Refers to previously issued invoice. PLS Unique number that identifies packing form prior to shipment. POI Purchase Order IIN. PON Production order number for material release. POO Purchase Order OUT. PRC Product Catalog. PSI Refers to previously issued self-billing invoice. PUO Purchase Order OUT. PRC Product Catalog. PSI Refers to previously issued self-billing invoice. REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment). REN Release Number. REO Requisition. RMA Release Number. REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).	DEN	
DRN         Drawing Number.           DRR         Design Registration Request.           ECO         Engineering Change Order - The proprietary unique identification number that represents an engineering change order.           EDD         Export Declaration Document.           EIR         Engineering Information Request.           EOL         End of Life.           FUO         Sales order or transfer order fulfilling demand out of a facility (outbound shipment).           IDD         Import Declaration Document.           INV         Invoice.           LID         Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).           MEN         Master Event Number.           MID         Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).           MON         Model Number.           NTS         Notes.           OCL         The unique identifier assigned by the OEM for a warranty claim.           OGA         Other governmental agency issued document.           OPA         The unique identifier assigned by the OEM for a part order.           OPR         The unique identifier assigned by the OEM for a part return.           PCN         Product/Process Change.           PFA         Failure An	DIN	Discontinuation Notice.
DRR Design Registration Request.  ECO Engineering Change Order - The proprietary unique identification number that represents an engineering change order.  EDD Export Declaration Document.  EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  MID Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  OPR Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  PRC Product Catalog.  REFS Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  REFS Refers to previously issued self-billing invoice.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  RER Release Number.  REO Requisition.  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).	DOR	Delivery Order.
ECO Engineering Change Order - The proprietary unique identification number that represents an engineering change order.  EDD Export Declaration Document.  EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  PRC Product Catalog.  REF Refers to previously issued self-billing invoice.  PUO Purchase Order out.  REPO Purchase Order outransfer order (inbound shipment).  REN Release Number.  REO Pouchase order or transfer order replenishing inventory into a facility against a purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.	DRN	Drawing Number.
number that represents an engineering change order.  EDD Export Declaration Document.  EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part order.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  PON Production order number for material release.  POO Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  PRC Product Catalog.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Requisition.  RPO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order or materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.	DRR	Design Registration Request.
EDD Export Declaration Document.  EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IND Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RAMA Returned Material Authorization.	ECO	Engineering Change Order - The proprietary unique identification
EIR Engineering Information Request.  EOL End of Life.  FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  PON Production order number for material release.  POO Purchase Order IN.  PON Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  PRC Product Catalog.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  RED Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RMA Returned Material Authorization.  RMA Returned Material Authorization.  RMA Remittance Advice - Remittance details.		number that represents an engineering change order.
EOL End of Life. FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document. INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.	EDD	Export Declaration Document.
FUO Sales order or transfer order fulfilling demand out of a facility (outbound shipment).  IDD Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REN Release Number.  REO Purchase order for materials or product returned to and reworked by a supplier.  RAMA Returned Material Authorization.  RAMA Resurned Material Authorization.  RAMA Resurned Material Authorization.	EIR	Engineering Information Request.
(outbound shipment).  Import Declaration Document.  INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.	EOL	End of Life.
IDD         Import Declaration Document.           INV         Invoice.           LID         Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).           MEN         Master Event Number.           MID         Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).           MON         Model Number.           NTS         Notes.           OCL         The unique identifier assigned by the OEM for a warranty claim.           OGA         Other governmental agency issued document.           OPO         The unique identifier assigned by the OEM for a part order.           OPR         The unique identifier assigned by the OEM for a part return.           PCN         Product/Process Change.           PFA         Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.           PII         Refers to previously issued invoice.           PLS         Unique number that identifies packing form prior to shipment.           POI         Purchase Order IN.           PON         Production order number for material release.           POO         Purchase Order OUT.           PSI         Refers to previously issued self-billing invoice.           PUO	FUO	Sales order or transfer order fulfilling demand out of a facility
INV Invoice.  LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order.  Quote. Remittance Advice - Remittance details.		(outbound shipment).
LID Location Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MEN Master Event Number.  MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.	IDD	Import Declaration Document.
MEN         Master Event Number.           MID         Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).           MON         Model Number.           NTS         Notes.           OCL         The unique identifier assigned by the OEM for a warranty claim.           OGA         Other governmental agency issued document.           OPO         The unique identifier assigned by the OEM for a part order.           OPR         The unique identifier assigned by the OEM for a part return.           PCN         Product/Process Change.           PFA         Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.           PII         Refers to previously issued invoice.           PLS         Unique number that identifies packing form prior to shipment.           POI         Purchase Order IN.           PON         Production order number for material release.           POO         Purchase Order OUT.           PRC         Product Catalog.           PSI         Refers to previously issued self-billing invoice.           PUO         Purchase Order.           QUO         Quote.           REC         Document identifying the receipt of materials or products into a facility (inbound shipment). <td>INV</td> <td>Invoice.</td>	INV	Invoice.
MEN         Master Event Number.           MID         Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).           MON         Model Number.           NTS         Notes.           OCL         The unique identifier assigned by the OEM for a warranty claim.           OFA         Other governmental agency issued document.           OPO         The unique identifier assigned by the OEM for a part order.           OPR         The unique identifier assigned by the OEM for a part return.           PCN         Product/Process Change.           PFA         Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.           PII         Refers to previously issued invoice.           PLS         Unique number that identifies packing form prior to shipment.           POI         Purchase Order IN.           PON         Production order number for material release.           POO         Purchase Order OUT.           PRC         Product Catalog.           PSI         Refers to previously issued self-billing invoice.           PUO         Purchase Order.           QUO         Quote.           REC         Document identifying the receipt of materials or products into a facility (inbound shipment). <td>LID</td> <td>Location Identifier. Data for on-site work that have to be done on the</td>	LID	Location Identifier. Data for on-site work that have to be done on the
MID Machine Identifier. Data for on-site work that have to be done on the machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Requisition.  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.		machine (associated with preventive maintenance order).
machine (associated with preventive maintenance order).  MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.	MEN	Master Event Number.
MON Model Number.  NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.	MID	Machine Identifier. Data for on-site work that have to be done on the
NTS Notes.  OCL The unique identifier assigned by the OEM for a warranty claim.  OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		machine (associated with preventive maintenance order).
OCL The unique identifier assigned by the OEM for a warranty claim. OGA Other governmental agency issued document. OPO The unique identifier assigned by the OEM for a part order. OPR The unique identifier assigned by the OEM for a part return. PCN Product/Process Change. PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure. PII Refers to previously issued invoice. PLS Unique number that identifies packing form prior to shipment. POI Purchase Order IN. PON Production order number for material release. POO Purchase Order OUT. PRC Product Catalog. PSI Refers to previously issued self-billing invoice. PUO Purchase Order. QUO Quote. REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment). REN Release Number. REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment). REQ Requisition. RMA Returned Material Authorization. RPO Purchase order for materials or product returned to and reworked by a supplier. RTA Remittance Advice - Remittance details. SAO Sales Order.	MON	Model Number.
OGA Other governmental agency issued document.  OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	NTS	Notes.
OPO The unique identifier assigned by the OEM for a part order.  OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	OCL	The unique identifier assigned by the OEM for a warranty claim.
OPR The unique identifier assigned by the OEM for a part return.  PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	OGA	
PCN Product/Process Change.  PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	OPO	The unique identifier assigned by the OEM for a part order.
PFA Failure Analysis - Request document that will accompany the product providing characteristics of the product failure.  PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	OPR	The unique identifier assigned by the OEM for a part return.
PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PCN	Product/Process Change.
PII Refers to previously issued invoice.  PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PFA	Failure Analysis - Request document that will accompany the product
PLS Unique number that identifies packing form prior to shipment.  POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		providing characteristics of the product failure.
POI Purchase Order IN.  PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PII	Refers to previously issued invoice.
PON Production order number for material release.  POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PLS	Unique number that identifies packing form prior to shipment.
POO Purchase Order OUT.  PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	POI	Purchase Order IN.
PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PON	Production order number for material release.
PRC Product Catalog.  PSI Refers to previously issued self-billing invoice.  PUO Purchase Order.  QUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	POO	Purchase Order OUT.
PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		Product Catalog.
PUO Quote.  REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PSI	Refers to previously issued self-billing invoice.
REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	PUO	
REC Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	QUO	Quote.
against a purchase order or transfer order (inbound shipment).  REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		
REN Release Number.  REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		
REO Purchase order or transfer order replenishing inventory into a facility (inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	REN	
(inbound shipment).  REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	REO	Purchase order or transfer order replenishing inventory into a facility
REQ Requisition.  RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		
RMA Returned Material Authorization.  RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.	REQ	
RPO Purchase order for materials or product returned to and reworked by a supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		
supplier.  RTA Remittance Advice - Remittance details.  SAO Sales Order.		
RTA Remittance Advice - Remittance details. SAO Sales Order.		· · · · · · · · · · · · · · · · · · ·
SAO Sales Order.	RTA	

SBD	Debit Memo used in self-billing scenario.
SBI	Invoice in self billing scenario.
SBN	Product batch number of supplier.
SCA	Similar to contracts - Contains the quantity of an article that is to be ordered from a vendor and the price for article or service that is to be procured.
SEN	Serial Number.
SEO	A document that gives a repair provider the necessary authorization to repair or upgrade a product either at the customer site or at the repair provider's site.
SHD	Shipping Document.
SNC	Shipset Number on Code List.
SPC	The unique identifier assigned by the ASP for a warranty claim.
SPN	Spec Number.
SPO	The unique identifier assigned by the ASP for a part order.
SPR	The unique identifier assigned by the ASP for a part return.
SPW	The unique identifier assigned by the ASP to reference a work order.
SRI	A document that contains the shipping reference number which allows the product to be tracked within the outsourced logistic providers network.
SWT	Switch Authorization.
TCS	Terms and Conditions.
TRO	Order which results in materials or products being moved from one facility to another (outbound shipment and inbound shipment).
WAB	Waybill.
WAC	Denotes a warranty claim.
WOO	Work Order.

# 4.9.6 MimeTypeQualifier

The MIME type as defined by IANA.

Please refer to <a href="http://www.iana.org/assignments/media-types/">http://www.iana.org/assignments/media-types/</a> for a list of types.

Instance	Documentation	
application/activemessage	[Shapiro]	
application/andrew-inset	[Borenstein]	
application/applefile	[Faltstrom]	
application/atomicmail	[Borenstein]	
application/batch-SMTP	[RFC2442]	
application/beep+xml	[RFC3080]	
application/cals-1840	[RFC1895]	
application/cnrp+xml	[RFCCNRP]	
application/commonground	[Glazer]	
application/cpl+xml		
application/cybercash	[Eastlake]	
application/dca-rft	[Campbell]	
application/dec-dx	[Campbell]	
application/dicom	[RFC3240]	
application/dvcs	[RFC3029]	
application/EDI-Consent	[RFC1767]	

application/EDIEACT	[DEC1767]
application/EDIFACT	[RFC1767] [RFC1767]
application/EDI-X12	
application/eshop	[Katz]
application/font-tdpfr	[RFC3073]
application/http	[RFC2616]
application/hyperstudio	[Domino]
application/iges	[Parks]
application/index	[RFC2652]
application/index.cmd	[RFC2652]
application/index.obj	[RFC2652]
application/index.response	[RFC2652]
application/index.vnd	[RFC2652]
application/iotp	[RFC2935]
application/ipp	[RFC2910]
application/isup	[RFC3204]
application/mac-binhex40	[Faltstrom]
application/macwriteii	[Lindner]
application/marc	[RFC2220]
application/mathematica	[Van Nostern]
application/msword	[Lindner]
application/news-message-id	[RFC1036,Spencer]
application/news-transmission	[RFC1036, Spencer]
application/ocsp-request	[RFC2560]
application/ocsp-response	[RFC2560]
application/octet-stream	[RFC2045,RFC2046]
application/oda	[RFC2045,RFC2046]
application/ogg	[RFC-walleij-ogg-mediatype-08.txt]
application/parityfec	[RFC3009]
application/pdf	[Lindner]
application/pgp-encrypted	[RFC3156]
application/pgp-keys	[RFC3156]
application/pgp-signature	[RFC3156]
application/pkcs10	[RFC2311]
application/pkcs7-mime	[RFC2311]
application/pkcs7-signature	[RFC2311]
application/pkix-cert	[RFC2585]
application/pkixcmp	[RFC2510]
application/pkix-crl	[RFC2585]
application/postscript	[RFC2045,RFC2046]
application/prs.alvestrand.titrax-sheet	[Alvestrand]
application/prs.cww	[Rungchavalnont]
application/prs.nprend	[Doggett]
application/prs.plucker	[Janssen]
application/qsig	[RFC3204]
application/reginfo+xml	[RFC-ietf-sipping-reg-event-00.txt]
application/remote-printing	[RFC1486,Rose]
application/riscos	[Smith]
application/rtf	[Lindner]
application/sdp	[RFC2327]
application/set-payment	[Korver]

	T
application/set-payment-initiation	[Korver]
application/set-registration	[Korver]
application/set-registration-initiation	[Korver]
application/sgml	[RFC1874]
application/sgml-open-catalog	[Grosso]
application/sieve	[RFC3028]
application/slate	[Crowley]
application/timestamp-query	[RFC3161]
application/timestamp-reply	[RFC3161]
application/tve-trigger	[Welsh]
application/vemmi	[RFC2122]
application/vnd.3gpp.pic-bw-large	[Meredith]
application/vnd.3gpp.pic-bw-small	[Meredith]
application/vnd.3gpp.pic-bw-var	[Meredith]
application/vnd.3gpp.sms	[Meredith]
application/vnd.3M.Post-it-Notes	[O'Brien]
application/vnd.accpac.simply.aso	[Leow]
application/vnd.accpac.simply.imp	[Leow]
application/vnd.acucobol	[Lubin]
application/vnd.acucorp	[Lubin]
application/vnd.adobe.xfdf	[Perelman]
application/vnd.aether.imp	[Moskowitz]
application/vnd.amiga.ami	[Blumberg]
application/vnd.anser-web-certificate-issue-	[Mori]
initiation	
application/vnd.anser-web-funds-transfer-	[Mori]
initiation	
application/vnd.audiograph	[Slusanschi]
application/vnd.blueice.multipass	[Holmstrom]
application/vnd.bmi	[Gotoh]
application/vnd.businessobjects	[Imoucha]
application/vnd.canon-cpdl	[Muto]
application/vnd.canon-lips	[Muto]
application/vnd.cinderella	[Kortenkamp]
application/vnd.claymore	[Simpson]
application/vnd.commerce-battelle	[Applebaum]
application/vnd.commonspace	[Chandhok]
application/vnd.contact.cmsg	[Patz]
application/vnd.cosmocaller	[Dellutri]
application/vnd.ctc-posml	[Kohlhepp]
application/vnd.cups-postscript	[Sweet]
application/vnd.cups-raster	[Sweet]
application/vnd.cups-raw	[Sweet]
application/vnd.curl	[Byrnes]
application/vnd.cybank	[Helmee]
application/vnd.data-vision.rdz	[Fields]
application/vnd.dna	[Searcy]
application/vnd.dpgraph	[Parker]
application/vnd.dreamfactory	[Appleton]
application/vnd.dxr	[Duffy]

application/yad acdic undate	[Duettaenhach]
application/vnd.ecdis-update	[Buettgenbach]
application/vnd.ecowin.chart	[Olsson]
application/vnd.ecowin.filerequest	[Olsson]
application/vnd.ecowin.fileupdate	[Olsson]
application/vnd.ecowin.series	[Olsson]
application/vnd.ecowin.seriesrequest	[Olsson]
application/vnd.ecowin.seriesupdate	[Olsson]
application/vnd.enliven	[Santinelli]
application/vnd.epson.esf	[Hoshina]
application/vnd.epson.msf	[Hoshina]
application/vnd.epson.quickanime	[Gu]
application/vnd.epson.salt	[Nagatomo]
application/vnd.epson.ssf	[Hoshina]
application/vnd.ericsson.quickcall	[Tidwell]
application/vnd.eudora.data	[Resnick]
application/vnd.fdf	[Zilles]
application/vnd.ffsns	[Holstage]
application/vnd.FloGraphIt	[Floersch]
application/vnd.framemaker	[Wexler]
application/vnd.fsc.weblaunch	[D.Smith]
application/vnd.fujitsu.oasys	[Togashi]
application/vnd.fujitsu.oasys2	[Togashi]
application/vnd.fujitsu.oasys3	[Okudaira]
application/vnd.fujitsu.oasysgp	[Sugimoto]
application/vnd.fujitsu.oasysprs	[Ogita]
application/vnd.fujixerox.ddd	[Onda]
application/vnd.fujixerox.docuworks	[Taguchi]
application/vnd.fujixerox.docuworks.binder	[Matsumoto]
application/vnd.fut-misnet	[Pruulmann]
application/vnd.grafeq	[Tupper]
application/vnd.groove-account	[Joseph]
application/vnd.groove-help	[Joseph]
application/vnd.groove-identity-message	[Joseph]
application/vnd.groove-injector	[Joseph]
application/vnd.groove-tool-message	[Joseph]
application/vnd.groove-tool-template	[Joseph]
application/vnd.groove-vcard	[Joseph]
application/vnd.hbci	[Hammann]
application/vnd.hhe.lesson-player	[Jones]
application/vnd.hp-HPGL	[Pentecost]
application/vnd.hp-hpid	[Gupta]
application/vnd.hp-hps	[Aubrey]
application/vnd.hp-PCL	[Pentecost]
application/vnd.hp-PCLXL	[Pentecost]
application/vnd.httphone	[Lefevre]
application/vnd.hzn-3d-crossword	[Minnis]
application/vnd.ibm.afplinedata	[Buis]
application/vnd.ibm.electronic-media	[Tantlinger]
application/vnd.ibm.MiniPay	[Herzberg]
application/vnd.ibm.modcap	[Hohensee]

1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1	FT all 3
application/vnd.ibm.secure-container	[Tantlinger]
application/vnd.informix-visionary	[Gales]
application/vnd.intercon.formnet	[Gurak]
application/vnd.intertrust.digibox	[Tomasello]
application/vnd.intertrust.nncp	[Tomasello]
application/vnd.intu.qbo	[Scratchley]
application/vnd.intu.qfx	[Scratchley]
application/vnd.irepository.package+xml	[Knowles]
application/vnd.is-xpr	[Natarajan]
application/vnd.japannet-directory-service	[Fujii]
application/vnd.japannet-jpnstore-wakeup	[Yoshitake]
application/vnd.japannet-payment-wakeup	[Fujii]
application/vnd.japannet-registration	[Yoshitake]
application/vnd.japannet-registration-	[Fujii]
wakeup	52. 10. 1. 7
application/vnd.japannet-setstore-wakeup	[Yoshitake]
application/vnd.japannet-verification	[Yoshitake]
application/vnd.japannet-verification-	[Fujii]
wakeup	[Darlawa]
application/vnd.jisp	[Deckers]
application/vnd.kde.karbon	[Faure]
application/vnd.kde.kchart	[Faure]
application/vnd.kde.kformula	[Faure]
application/vnd.kde.kivio	[Faure]
application/vnd.kde.kontour	[Faure]
application/vnd.kde.kpresenter	[Faure]
application/vnd.kde.kspread	[Faure]
application/vnd.kde.kword	[Faure]
application/vnd.kenameaapp	[DiGiorgio-Haag]
application/vnd.koan	[Cole]
application/vnd.liberty-request+xml	[McDowell]
application/vnd.llamagraphics.life-	[White]
balance.desktop	FNA II I 7
application/vnd.lotus-1-2-3	[Wattenberger]
application/vnd.lotus-approach	[Wattenberger]
application/vnd.lotus-freelance	[Wattenberger]
application/vnd.lotus-notes	[Laramie]
application/vnd.lotus-organizer	[Wattenberger]
application/vnd.lotus-screencam	[Wattenberger]
application/vnd.lotus-wordpro	[Wattenberger]
application/vnd.mcd	[Gotoh]
application/vnd.mediastation.cdkey	[Flurry]
application/vnd.meridian-slingshot	[Wedel]
application/vnd.micrografx.flo	[Prevo]
application/vnd.micrografx.igx	[Prevo]
application/vnd.mif	[Wexler]
application/vnd.minisoft-hp3000-save	[Bartram]
application/vnd.mitsubishi.misty-	[Tanaka]
guard.trustweb	
application/vnd.Mobius.DAF	[Kabayama]

application/und Makius DIC	[Kahayama]
application/vnd.Mobius.DIS	[Kabayama]
application/vnd.Mobius.MBK	[Devasia]
application/vnd.Mobius.MQY	[Devasia]
application/vnd.Mobius.MSL	[Kabayama]
application/vnd.Mobius.PLC	[Kabayama]
application/vnd.Mobius.TXF	[Kabayama]
application/vnd.mophun.application	[Wennerstrom]
application/vnd.mophun.certificate	[Wennerstrom]
application/vnd.motorola.flexsuite	[Patton]
application/vnd.motorola.flexsuite.adsi	[Patton]
application/vnd.motorola.flexsuite.fis	[Patton]
application/vnd.motorola.flexsuite.gotap	[Patton]
application/vnd.motorola.flexsuite.kmr	[Patton]
application/vnd.motorola.flexsuite.ttc	[Patton]
application/vnd.motorola.flexsuite.wem	[Patton]
application/vnd.mozilla.xul+xml	[McDaniel]
application/vnd.ms-artgalry	[Slawson]
application/vnd.ms-asf	[Fleischman]
application/vnd.mseq	[Le Bodic]
application/vnd.ms-excel	[Gill]
application/vnd.msign	[Borcherding]
application/vnd.ms-lrm	[Ledoux]
application/vnd.ms-powerpoint	[Gill]
application/vnd.ms-project	[Gill]
application/vnd.ms-tnef	[Gill]
application/vnd.ms-works	[Gill]
application/vnd.ms-wpl	[Plastina]
application/vnd.musician	[Adams]
application/vnd.music-niff	[Butler]
application/vnd.netfpx	[Mutz]
application/vnd.noblenet-directory	[Solomon]
application/vnd.noblenet-sealer	[Solomon]
application/vnd.noblenet-web	[Solomon]
application/vnd.novadigm.EDM	[Swenson]
application/vnd.novadigm.EDX	[Swenson]
application/vnd.novadigm.EXT	[Swenson]
application/vnd.obn	[Hessling]
application/vnd.osa.netdeploy	[Klos]
application/vnd.palm	[Peacock]
application/vnd.pg.format	[Gandert]
application/vnd.pg.osasli	[Gandert]
application/vnd.powerbuilder6	[Guy]
application/vnd.powerbuilder6-s	[Guy]
application/vnd.powerbuilder7	[Shilts]
application/vnd.powerbuilder75	[Shilts]
application/vnd.powerbuilder75-s	[Shilts]
application/vnd.powerbuilder7-s	[Shilts]
application/vnd.previewsystems.box	[Smolgovsky]
application/vnd.publishare-delta-tree	[Ben-Kiki]
application/vnd.pvi.ptid1	[Lamb]

application/vnd.pwg-multiplexed	[RFC3391]
application/vnd.pwg-xhtml-print+xml	[Wright]
application/vnd.Quark.QuarkXPress	[Scheidler]
application/vnd.rapid	[Szekely]
application/vnd.s3sms	[Tarkkala]
application/vnd.sealed.net	[Lambert]
application/vnd.seemail	[Webb]
application/vnd.shana.informed.formdata	[Selzler]
application/vnd.shana.informed.formtemplat	[Selzler]
е	
application/vnd.shana.informed.interchange	[Selzler]
application/vnd.shana.informed.package	[Selzler]
application/vnd.smaf	[Takahashi]
application/vnd.sss-cod	[Dani]
application/vnd.sss-dtf	[Bruno]
application/vnd.sss-ntf	[Bruno]
application/vnd.street-stream	[Levitt]
application/vnd.svd	[Becker]
application/vnd.swiftview-ics	[Widener]
application/vnd.triscape.mxs	[Simonoff]
application/vnd.trueapp	[Hepler]
application/vnd.truedoc	[Chase]
application/vnd.ufdl	[Manning]
application/vnd.uplanet.alert	[Martin]
application/vnd.uplanet.alert-wbxml	[Martin]
application/vnd.uplanet.bearer-choice	[Martin]
application/vnd.uplanet.bearer-choice-wbxml	[Martin]
application/vnd.uplanet.cacheop	[Martin]
application/vnd.uplanet.cacheop-wbxml	[Martin]
application/vnd.uplanet.channel	[Martin]
application/vnd.uplanet.channel-wbxml	[Martin]
application/vnd.uplanet.list	[Martin]
application/vnd.uplanet.listcmd	[Martin]
application/vnd.uplanet.listcmd-wbxml	[Martin]
application/vnd.uplanet.list-wbxml	[Martin]
application/vnd.uplanet.signal	[Martin]
application/vnd.vcx	[T.Sugimoto]
application/vnd.vectorworks	[Pharr]
application/vnd.vidsoft.vidconference	[Hess]
application/vnd.visio	[Sandal]
application/vnd.visionary	[Aravindakumar]
application/vnd.vividence.scriptfile	[Risher]
application/vnd.vsf	[Rowe]
application/vnd.wap.sic	[WAP-Forum]
application/vnd.wap.slc	[WAP-Forum]
application/vnd.wap.wbxml	[Stark]
application/vnd.wap.wmlc	[Stark]
application/vnd.wap.wmlscriptc	[Stark]
application/vnd.webturbo	[Rehem]
application/vnd.wrq-hp3000-labelled	[Bartram]
1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

application/vnd.wt.stf	[Wohler]
application/vnd.wv.csp+wbxml	[Salmi]
application/vnd.xara	[Matthewman]
application/vnd.xfdl	[Manning]
application/vnd.yellowriver-custom-menu	[Yellow]
application/whoispp-query	[RFC2957]
application/whoispp-response	[RFC2958]
application/wita	[Campbell]
application/wordperfect5.1	[Lindner]
application/x400-bp	[RFC1494]
application/xhtml+xml	[RFC3236]
application/xml	[RFC3023]
application/xml-dtd	[RFC3023]
application/xml-external-parsed-entity	[RFC3023]
application/zip	[Lindner]
audio/32kadpcm	[RFC2421,RFC2422]
audio/AMR	[RFC3267]
audio/AMR-WB	[RFC3267]
audio/basic	[RFC2045,RFC2046]
audio/CN	[RFC3389]
audio/DAT12	[RFC3190]
audio/DVI4	[14 65150]
audio/EVRC	[RFC-ietf-avt-evrc-smv-03.txt]
audio/EVRC0	[RFC-ietf-avt-evrc-smv-03.txt]
audio/G.722.1	[RFC3047]
audio/G722	[14 650 17]
audio/G723	
audio/G726-16	
audio/G726-24	
audio/G726-32	
audio/G726-40	
audio/G728	
audio/G729	
audio/G729D	
audio/G729E	
audio/GSM	
audio/GSM-EFR	
audio/L16	[RFC2586]
audio/L20	[RFC3190]
audio/L24	[RFC3190]
audio/L8	[14, 65170]
audio/LPC	
audio/MP4A-LATM	[RFC3016]
audio/MPA	[17] [2010]
audio/mpa-robust	[RFC3119]
audio/mpeg	[RFC3003]
audio/mpeg audio/parityfec	[RFC3003]
	[VI C2002]
audio/PCML	
audio/PCMU	[Mallaii]
audio/prs.sid	[Walleij]

-::dia/OCFLD	
audio/QCELP	
audio/RED	[DEG : 16
audio/SMV	[RFC-ietf-avt-evrc-smv-03.txt]
audio/SMV0	[RFC-ietf-avt-evrc-smv-03.txt]
audio/telephone-event	[RFC2833]
audio/tone	[RFC2833]
audio/VDVI	FD 111 3
audio/vnd.3gpp.iufp	[Belling]
audio/vnd.cisco.nse	[Kumar]
audio/vnd.cns.anp1	[McLaughlin]
audio/vnd.cns.inf1	[McLaughlin]
audio/vnd.digital-winds	[Strazds]
audio/vnd.everad.plj	[Cicelsky]
audio/vnd.lucent.voice	[Vaudreuil]
audio/vnd.nortel.vbk	[Parsons]
audio/vnd.nuera.ecelp4800	[Fox]
audio/vnd.nuera.ecelp7470	[Fox]
audio/vnd.nuera.ecelp9600	[Fox]
audio/vnd.octel.sbc	[Vaudreuil]
audio/vnd.qcelp	[Lundblade]
audio/vnd.rhetorex.32kadpcm	[Vaudreuil]
audio/vnd.vmx.cvsd	[Vaudreuil]
image/cgm	Computer Graphics Metafile
image/g3fax	[RFC1494]
image/gif	[RFC2045,RFC2046]
image/ief	[RFC1314] Image Exchange Format
image/jpeg	[RFC2045,RFC2046]
image/naplps	[Ferber]
image/png	[Randers-Pehrson]
image/prs.btif	[Simon]
image/prs.pti	[Laun]
image/t38	[RFC3362]
image/tiff	[RFC3302] Tag Image File Format
image/tiff-fx	[RFC3250] Tag Image File Format
	Fax eXtended
image/vnd.cns.inf2	[McLaughlin]
image/vnd.djvu	[Bottou]
image/vnd.dwg	[Moline]
image/vnd.dxf	[Moline]
image/vnd.fastbidsheet	[Becker]
image/vnd.fpx	[Spencer]
image/vnd.fst	[Fuldseth]
image/vnd.fujixerox.edmics-mmr	[Onda]
image/vnd.fujixerox.edmics-rlc	[Onda]
image/vnd.globalgraphics.pgb	[Bailey]
image/vnd.mix	[Reddy]
image/vnd.ms-modi	[Vaughan]
image/vnd.net-fpx	[Spencer]
image/vnd.svf	[Moline]
image/vnd.wap.wbmp	[Stark]

image/vnd.xiff	[S.Martin]
message/delivery-status	[RFC1894]
message/disposition-notification	[RFC2298]
message/external-body	[RFC2045,RFC2046]
message/external-body	[RFC2616]
message/news	[RFC 1036, H.Spencer]
	[RFC2045,RFC2046]
message/partial	[RFC2045,RFC2046]
message/rfc822	, -
message/s-http	[RFC2660]
message/sip	[RFC3261]
message/sipfrag	[RFC3420]
model/iges	[Parks]
model/mesh	[RFC2077]
model/vnd.dwf	[Pratt]
model/vnd.flatland.3dml	[Powers]
model/vnd.gdl	[Babits]
model/vnd.gs-gdl	[Babits]
model/vnd.gtw	[Ozaki]
model/vnd.mts	[Rabinovitch]
model/vnd.parasolid.transmit.binary	[Parasolid]
model/vnd.parasolid.transmit.text	[Parasolid]
model/vnd.vtu	[Rabinovitch]
model/vrml	[RFC2077]
multipart/alternative	[RFC2045,RFC2046]
multipart/appledouble	[Faltstrom]
multipart/byteranges	[RFC2068]
multipart/digest	[RFC2045,RFC2046]
multipart/encrypted	[RFC1847]
multipart/form-data	[RFC2388]
multipart/header-set	[Crocker]
multipart/mixed	[RFC2045,RFC2046]
multipart/parallel	[RFC2045,RFC2046]
multipart/related	[RFC2387]
multipart/report	[RFC1892]
multipart/signed	[RFC1847]
multipart/voice-message	[RFC2421,RFC2423]
text/calendar	[RFC2445]
text/css	[RFC2318]
text/directory	[RFC2425]
text/enriched	[RFC1896]
text/html	[RFC2854]
text/parityfec	[RFC3009]
text/plain	[RFC2646,RFC2046]
text/prs.lines.tag	[Lines]
text/rfc822-headers	[RFC1892]
text/ricbzz-rieduers text/richtext	[RFC2045,RFC2046]
text/rtf	[Lindner]
text/til text/sgml	[RFC1874]
text/sgm text/t140	[RFC1874]
text/tab-separated-values	[Lindner]

text/vnd.abc text/vnd.curl text/vnd.DMClientScript text/vnd.DMClientScript text/vnd.DMClientScript text/vnd.DMClientScript text/vnd.fly text/vnd.fly text/vnd.fly text/vnd.fly text/vnd.fmi.flexstor text/vnd.in3d.3dml text/vnd.in3d.spot text/vnd.in3d.spot text/vnd.IPTC.NewsML text/vnd.IPTC.NEWSML text/vnd.IPTC.NITF text/vnd.netorola.reflex text/vnd.motorola.reflex text/vnd.motorola.reflex text/vnd.metapnoe.commcenter.command text/vnd.met2phone.commcenter.command text/vnd.sun.j2me.app-descriptor text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wmlscript text/xml text/co23] text/sml-external-parsed-entity tideo/BMPEG video/BMPEG video/H261 video/H263-1998 video/H263-2000 video/IPEG video/MP2T video/MP2T video/MP2T video/MP4V-ES tideo/MPV video/mpeg tideo/mpe tideo/	text/uri-list	[RFC2483]
text/vnd.DMClientScript   Bradley]   text/vnd.DMClientScript   Bradley]   text/vnd.fly   Gurney]   text/vnd.fly   Edurory   Ed		
text/vnd.DMClientScript [Bradley] text/vnd.fmi.flexstor [Hurtta] text/vnd.fmi.flexstor [Powers] text/vnd.in3d.3dml [Powers] text/vnd.in3d.spot [Powers] text/vnd.IPTC.NewsML [IPTC] text/vnd.IPTC.NITF [IPTC] text/vnd.necondericate [Patton] text/vnd.ms-mediapackage [Nelson] text/vnd.ms-mediapackage [Nelson] text/vnd.ms-mediapackage [Nelson] text/vnd.wap.sin_lzme.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wmlcript [Stark] text/xml [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG video/BF656 video/CelB video/L263 video/H261 video/H263 video/H263-2000 video/MP2F video/MP2F video/MP2F video/MP2P video/MP2P video/MP4V-ES [RFC3009] video/pointer [RFC2862] video/SMPTE292M [RFC302-video-08.txt] video/SmPTE292M video/Nd.motorola.video [McGinty]	,	
text/vnd.fly [Gurney] text/vnd.fmi.flexstor [Hurtta] text/vnd.in3d.3dml [Powers] text/vnd.in3d.spot [Powers] text/vnd.IPTC.NewsML [IPTC] text/vnd.IPTC.NewsML [IPTC] text/vnd.IPTC.NewsML [IPTC] text/vnd.latex-z [Lubos] text/vnd.motorola.reflex [Patton] text/vnd.mediapackage [Nelson] text/vnd.mediapackage [Nelson] text/vnd.sun.j2me.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wmlscript [Stark] text/xml [RFC3023] text/xmlexternal-parsed-entity [RFC3023] text/xmlexternal-parsed-entity [RFC3023] video/BMPEG video/DV [RFC3189] video/H263 video/H263 video/H263-1998 video/H263-2000 video/JPEG video/MP2P video/MP2P video/MP2P video/MP2P video/MP4V-ES [RFC3009] video/MPV video/MPV video/MPV video/pointer [RFC3009] video/pointer [RFC2862] video/Some [NFC3189] video/Some [RFC3009] video/Some [RFC3009] video/Some [RFC3009] video/Doloxideo/Some [RFC2862] video/Some [RFC2862] video/Some [RFC2862] video/vnd.motorola.video [McGinty]	,	<u> </u>
text/vnd.in3d.3dml [Powers] text/vnd.in3d.spot [Powers] text/vnd.iPTC.NewsML [IPTC] text/vnd.IPTC.NewsML [IPTC] text/vnd.iPTC.NITF [IPTC] text/vnd.motorola.reflex [Patton] text/vnd.ms-mediapackage [Nelson] text/vnd.mes-mediapackage [Nelson] text/vnd.mes-phone.commcenter.command [Xie] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wml [RFC3023] text/xml [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG [Video/H263] video/L263 video/H263 [Video/H263] video/H263-2000 [Video/MP15] video/MP2F [Video/MP2F] video/MP2F [Video/MP2F] video/MP4F [RFC3009] video/SMPTE292M [RFC3009] video/SMPTE292M [RFC300] video/Vnd.fvt [Fludseth] video/vnd.motorola.video [McGinty]		
text/vnd.in3d.3dml [Powers] text/vnd.in3d.spot [Powers] text/vnd.IPTC.NewsML [IPTC] text/vnd.IPTC.NewsML [IPTC] text/vnd.IPTC.NITF [IPTC] text/vnd.netorola.reflex [Patton] text/vnd.ms-mediapackage [Nelson] text/vnd.ms-mediapackage [Nelson] text/vnd.wap.smletxynd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wmlscript [Stark] text/xml [RFC3023] text/xml text/xml [RFC3023] text/xmlexternal-parsed-entity [RFC3023] video/BMPEG [Video/CelB [Video/H263 - 2000] video/H263 - 2000 [Video/JPEG [Video/MP2P [Video/MP2P [Video/MP2P [Video/MP2P [Video/MP2P [Video/MP2P [Video/MP2] [RFC3009] [Video/MP2P [Video/MP2F [RFC3009] [Video/MP2F [Video/MP4C [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/SMPTE292M [RFC3000] [RFC2045,xxx] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3009] [Video/MP4C] [Video/MP4C] [RFC3009] [Video/MP4C] [RFC3		
text/vnd.in3d.spot [Powers] text/vnd.iPTC.NewsML [IPTC] text/vnd.iPTC.NITF [IPTC] text/vnd.iatex-z [Lubos] text/vnd.iatex-z [Lubos] text/vnd.motorola.reflex [Patton] text/vnd.ms-mediapackage [Nelson] text/vnd.sun.j2me.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.mlscript [Stark] text/xml-external-parsed-entity [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG video/BMPEG video/DV [RFC3189] video/H263 video/H263 video/H263-1998 video/H263-2000 video/JPEG video/MP1S video/MP2P video/MP2P video/MP4V-ES [RFC3016] video/MP9 video/Mpeg [RFC2045,RFC2046] video/MPV video/pointer [RFC3009] video/Jointer video/SMPTE292M [RFC3016,Imple) video/SmpTE292M [RFC3016,Imple) video/Smc201.xideo video/Vnd.motorola.video video/vnd.motorola.video		
text/vnd.IPTC.NewsML text/vnd.IPTC.NITF text/vnd.Intex-z text/vnd.motorola.reflex text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.si text/xnl text/vnd.wap.si text/vnd.wa	·	
text/vnd.IPTC.NITF text/vnd.latex-z text/vnd.motorola.reflex text/vnd.ms-mediapackage text/vnd.net2phone.commcenter.command text/vnd.sun.j2me.app-descriptor text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.si text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wml text/vnd.wap.wmlscript text/vnd.wap.si text/xml text/vnd.wap.si text/xml text/vnd.wap.si [RFC3023] text/xml-external-parsed-entity video/BMPEG video/BMPEG video/CelB video/L263 video/L263 video/H263-2000 video/H263-2000 video/MP2F video/MP2F video/MP2P video/MP2P video/MP2T video/MP2P video/MP4V-ES [RFC3016] video/MP4V video/MP4V-ES [RFC3009] video/DPC video/MPV video/MP4C v		
text/vnd.latex-z [Lubos] text/vnd.motorola.reflex [Patton] text/vnd.ms-mediapackage [Nelson] text/vnd.sun.j2me.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.sml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wmlscript [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG video/BMPEG video/H263   video/H263   video/H263   video/H263   video/H263   video/H263-2000   video/H263-2000   video/MPEG video/MPEG   video/MPEG video/MPEG   video/MPEG   video/MPEG   video/MPEG   video/H263-2000   video/H263-2000   video/H263-2000   video/MPEG   video/MP	,	
text/vnd.ms-mediapackage [Nelson] text/vnd.ms-mediapackage [Nelson] text/vnd.sun.j2me.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.si [WAP-Forum] text/vnd.wap.wnl [Stark] text/vnd.wap.wnl [RFC3023] text/xml [RFC3023] text/xml external-parsed-entity [RFC3023] video/BMPEG video/BMPEG video/CelB   video/IDV   RFC3189] video/H261   video/H263   video/H263-1998   video/H263-1998   video/MP1S   video/MP2P   video/MP2T   video/MP2T   video/MP2T   video/MP2T   video/MP4V-ES   RFC3016] video/NPV   video/MPV   video/MPV   video/parityfec   RFC3009   video/sunctions   video/vnd.fvt   video/vnd.fvt   video/vnd.motorola.video   video/inty]	, , , , , , , , , , , , , , , , , , ,	
text/vnd.ms-mediapackage [Nelson] text/vnd.net2phone.commcenter.command [Xie] text/vnd.sun.j2me.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.sl [WAP-Forum] text/vnd.wap.sml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wmlscript [Stark] text/xml [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG [RFC3023] video/BMPEG [RFC3023] video/BMPEG [RFC3023] video/BT656 video/CelB [RFC3189] video/DV [RFC3189] video/H261 video/H263 video/H263 video/H263-1998 video/H263-2000 video/JPEG [RFC3016] video/MP2P [RFC3016] video/MP2P [RFC3016] video/MP2P [RFC3016] video/MP4V-ES [RFC3016] video/MP4V-ES [RFC3009] video/parityfec [RFC3009] video/parityfec [RFC2045,RFC2046] video/pointer [RFC2862] video/ynd.fvt [Fuldseth] video/vnd.motorola.video [McGinty]		
text/vnd.net2phone.commcenter.command [Xie] text/vnd.sun.j2me.app-descriptor [G.Adams] text/vnd.wap.si [WAP-Forum] text/vnd.wap.sl [WAP-Forum] text/vnd.wap.wml [Stark] text/vnd.wap.wml [Stark] text/vnd.wap.wmlscript [Stark] text/xml [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG video/BT656 video/CelB video/DV [RFC3189] video/H261 video/H263 video/H263-2000 video/JPEG video/MP1S video/MP2P video/MP2P video/MP2P video/MP2P video/MP2P video/MP2P video/MP9P video/MPPV video/mpeg video/MPV video/parityfec [RFC3009] video/pointer [RFC2862] video/SMPTE292M [RFC-avt-smpte292-video-08.txt] video/vnd.motorola.video [McGinty]	,	
text/vnd.sun.j2me.app-descriptor text/vnd.wap.si text/vnd.wap.sl text/vnd.wap.sl text/vnd.wap.sml text/vnd.wap.wml text/vnd.wap.wmlscript text/vnd.wap.wmlscript text/vnd.wap.wmlscript text/xml text/xml text/xml text/xml text/xml-external-parsed-entity video/BMPEG video/BT656 video/CelB video/DV video/H261 video/H263 video/H263 video/H263-1998 video/H263-2000 video/JPEG video/MP1S video/MP2P video/MP2T video/MP4V-ES tideo/MP4V-ES tideo/MPV video/mpeg video/MPV video/parityfec video/parityfec video/parityfec video/golvatine video/SMPTE292M video/SMPTE292M video/sintyl video/vnd.motorola.video [McGinty]		
text/vnd.wap.si         [WAP-Forum]           text/vnd.wap.sl         [WAP-Forum]           text/vnd.wap.wml         [Stark]           text/vnd.wap.wmlscript         [Stark]           text/xml         [RFC3023]           text/xml-external-parsed-entity         [RFC3023]           video/BMPEG         video/BMPEG           video/BT656         video/BEG           video/CelB         [RFC3189]           video/DV         [RFC3189]           video/H261         video/H263           video/H263-1998         Video/H263           video/H263-2000         video/JPEG           video/JPEG         video/JPEG           video/MP1S         Video/MP2           video/MP2P         video/MP2P           video/MP4V-ES         [RFC3016]           video/MP4V-ES         [RFC3016]           video/MPV         video/parityfec           video/parityfec         [RFC3009]           video/parityfec         [RFC3009]           video/opiiter         [RFC2862]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.fvt         [Fuldseth]           video/vnd.motorola.video         [McGinty]		
text/vnd.wap.sl         [WAP-Forum]           text/vnd.wap.wml         [Stark]           text/vnd.wap.wmlscript         [Stark]           text/xml         [RFC3023]           text/xml-external-parsed-entity         [RFC3023]           video/BMPEG         video/BMPEG           video/BMPEG         video/BMPEG           video/BT656         video/CelB           video/CelB         [RFC3189]           video/DV         [RFC3189]           video/H261         video/H263           video/H263-1998         video/H263-1998           video/H263-2000         video/JPEG           video/JPEG         video/MP1S           video/MP1S         video/MP2           video/MP2P         video/MP2T           video/MP4V-ES         [RFC3016]           video/MPV         video/MPV           video/mpeg         [RFC2045,RFC2046]           video/parityfec         [RFC3009]           video/parityfec         [RFC3009]           video/pointer         [RFC2862]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.motorola.video         [McGinty]		<del> </del>
text/vnd.wap.wml         [Stark]           text/vnd.wap.wmlscript         [Stark]           text/xml         [RFC3023]           text/xml-external-parsed-entity         [RFC3023]           video/BMPEG         Video/BT656           video/BT656         Video/CelB           video/CelB         [RFC3189]           video/H261         Video/H263           video/H263         Video/H263-1998           video/H263-2000         Video/JPEG           video/JPEG         Video/MP1S           video/MP2T         [RFC3016]           video/MP4V-ES         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/mPV         Video/pointer           video/parityfec         [RFC3009]           video/parityfec         [RFC3009]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.motorola.video         [McGinty]		-
text/vnd.wap.wmlscript [Stark] text/xml [RFC3023] text/xml-external-parsed-entity [RFC3023] video/BMPEG video/BT656 video/CelB video/DV [RFC3189] video/H261 video/H263 video/H263-1998 video/H263-2000 video/JPEG video/MP1S video/MP2P video/MP2P video/MP2P video/MP4V-ES [RFC3016] video/Mpeg video/MPV video/INPU video/IN		
text/xml         [RFC3023]           text/xml-external-parsed-entity         [RFC3023]           video/BMPEG         [RFC3023]           video/BT656         [RFC3189]           video/DV         [RFC3189]           video/DV         [RFC3189]           video/H261         [RFC3189]           video/H263-1998         [RFC3016]           video/H263-2000         [RFC3016]           video/MP1S         [RFC3016]           video/MP2P         [RFC3016]           video/MP2P         [RFC3016]           video/MP4V-ES         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/mpeg         [RFC3009]           video/parityfec         [RFC3009]           video/parityfec         [RFC2862]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.motorola.video         [McGinty]		
text/xml-external-parsed-entity video/BMPEG video/BT656 video/CelB video/DV video/H261 video/H263 video/H263-1998 video/H263-2000 video/JPEG video/MP1S video/MP2P video/MP2T video/MP4V-ES video/MP4V-ES video/MP4V video/MPV video/Pointer video/parityfec video/pointer video/SMPTE292M video/vnd.motorola.video video/Vnd.motorola.video  [RFC3023] [RFC3023] [RFC3023] [RFC3189] [RFC3016] [R		
video/BMPEG           video/CelB           video/DV         [RFC3189]           video/H261           video/H263         (recolon to the colon to t	<u>'</u>	· -
video/BT656           video/CelB           video/DV         [RFC3189]           video/H261         (RFC3189]           video/H263         (RFC3189]           video/H263-2000         (RFC3016]           video/MPEG         (RFC3016]           video/MP2P         (RFC3016]           video/MP4V-ES         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/MPV         (RFC3009)           video/parityfec         [RFC3009]           video/pointer         [RFC2862]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.fvt         [Fuldseth]           video/vnd.motorola.video         [McGinty]		[RFC3023]
video/CelB         [RFC3189]           video/H261         [RFC3189]           video/H263         [Video/H263-1998]           video/H263-2000         [Video/H263-2000]           video/JPEG         [Video/MP1S]           video/MP2P         [Video/MP2P]           video/MP2T         [RFC3016]           video/MP4V-ES         [RFC2045,RFC2046]           video/mpeg         [RFC2045,RFC2046]           video/mpeg         [RFC3009]           video/parityfec         [RFC3009]           video/pointer         [RFC2862]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.fvt         [Fuldseth]           video/vnd.motorola.video         [McGinty]		
video/DV         [RFC3189]           video/H261         (a)           video/H263-1998         (a)           video/H263-2000         (a)           video/JPEG         (a)           video/MP1S         (a)           video/MP2P         (a)           video/MP4V-ES         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/mpeg         [RFC3009]           video/nv         (a)           video/parityfec         [RFC3009]           video/pointer         [RFC2862]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.fvt         [Fuldseth]           video/vnd.motorola.video         [McGinty]	,	
video/H261           video/H263-1998           video/H263-2000           video/JPEG           video/MP1S           video/MP2P           video/MP2T           video/MP4V-ES         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/nv         video/parityfec           video/parityfec         [RFC3009]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.motorola.video         [McGinty]		
video/H263           video/H263-1998           video/H263-2000           video/JPEG           video/MP1S           video/MP2P           video/MP4V-ES         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/MPV         video/nv           video/parityfec         [RFC3009]           video/pointer         [RFC2862]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.motorola.video         [McGinty]	,	[RFC3189]
video/H263-1998           video/JPEG           video/MP1S           video/MP2P           video/MP4V-ES           video/mpeg         [RFC3016]           video/mpeg         [RFC2045,RFC2046]           video/nv         video/parityfec           video/parityfec         [RFC3009]           video/pointer         [RFC2862]           video/quicktime         [Lindner]           video/SMPTE292M         [RFC-avt-smpte292-video-08.txt]           video/vnd.motorola.video         [McGinty]	· · · · · · · · · · · · · · · · · · ·	
video/H263-2000video/JPEGvideo/MP1Svideo/MP2Pvideo/MP2Tvideo/MP4V-ES[RFC3016]video/mpeg[RFC2045,RFC2046]video/MPVvideo/nvvideo/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]	·	
video/JPEGvideo/MP1Svideo/MP2Pvideo/MP2Tvideo/MP4V-ES[RFC3016]video/mpeg[RFC2045,RFC2046]video/MPVvideo/nv[RFC3009]video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/MP1Svideo/MP2Pvideo/MP2Tvideo/MP4V-ES[RFC3016]video/mpeg[RFC2045,RFC2046]video/MPVvideo/nv[RFC3009]video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/MP2Pvideo/MP4V-ES[RFC3016]video/mpeg[RFC2045,RFC2046]video/MPV[RFC3009]video/nv[RFC3009]video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/MP2T[RFC3016]video/mpeg[RFC2045,RFC2046]video/MPV[RFC2045,RFC2046]video/nv[RFC3009]video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]	,	
video/MP4V-ES[RFC3016]video/mpeg[RFC2045,RFC2046]video/MPV[RFC2045,RFC2046]video/nv[RFC3009]video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]	,	
video/mpeg[RFC2045,RFC2046]video/MPVvideo/nvvideo/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]	,	
video/MPVvideo/nvvideo/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]	,	
video/nv[RFC3009]video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		[RFC2045,RFC2046]
video/parityfec[RFC3009]video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/pointer[RFC2862]video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/quicktime[Lindner]video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		[RFC3009]
video/SMPTE292M[RFC-avt-smpte292-video-08.txt]video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/vnd.fvt[Fuldseth]video/vnd.motorola.video[McGinty]		
video/vnd.motorola.video [McGinty]	·	-
	,	
video (und meterale videon	· · · · · · · · · · · · · · · · · · ·	
video/ viid.inotorola.videop [McGinty]	video/vnd.motorola.videop	[McGinty]
video/vnd.mpegurl [Recktenwald]		[Recktenwald]
video/vnd.nokia.interleaved-multimedia [Kangaslampi]	video/vnd.nokia.interleaved-multimedia	[Kangaslampi]
video/vnd.objectvideo [Clark]	video/vnd.objectvideo	[Clark]
video/vnd.vivo [Wolfe]	video/vnd.vivo	[Wolfe]

### 4.9.7 UnitOfMeasure

Code identifying a product unit of measure.

T	Desumentation
Instance	Documentation
10P	10-pack.
1BF	100 Board Feet.
1FC	20 Foot Container.
1GR	Gram/Cubic Centimeter.
1GT	10,000 Gallon Tankcar.
1KB	25 Kilogram Bulk Bag.
1KD	10 Kilogram Drum.
1KP	1000-pack.
1M2	1/Square Meter (1/M2).
1PA	20-Pack.
1PB	50 Pound Bag.
1PD	100 Pound Drum.
1PM	1/minute (1/min).
22S	Square Millimeter/Second (mm2/s).
2FC	40 Foot Container.
2GR	Gram/square meter.
2GT	20,000 Gallon Tankcar.
2KB	300 Kilogram Bulk Bag.
2KD	15 Kilogram Drum.
2PA	100-Pack.
3GR	Grams Per 100 Centimeters.
3KB	500 Kilogram Bulk Bag.
3KD	55 Gallon Drum.
3MH	Cubic Millimeters/Hour (mm3/hour).
4GR	Grams Per 100 Grams.
4KD	115 Kilogram Drum.
50P	50-pack.
5GR	Grams Per Cubic Centimeter.
6GR	Grams Per Square Centimeter.
7GR	Grams Per Square Meter.
ABC	Absorbance per centimeter (Absorbance per cm).
ABU	Absorbance per Unit (absorbance per unit).
ACC	Atoms per Cubic Centimeters (atoms per cu cm).
ACR	Acre.
ACS	Actual Pounds
ACU	Actual Pounds.
ACU	Activity unit (Activ.unit).
ALU	Aluminum Pounds Only.
AM1	Ampoule.
AMN	Ångstroms/Minute (Ångst/min).
AMP	Ampere.
ANG	Angstrom (A).
APB	Atomic Parts per Billion (atomic ppb).
APG	API Specific Gravity (API Grav).
APM	Atomic Parts per Million (atomic ppm).
APT	Atomic Parts per Trillion (atomic ppt).

APU	APHA Units (apha).
ASC	Atoms per Square Centimeters (atoms per sq cm).
ASM	Angstrom.
ASY	Assembly (ASY).
ATG	Atmospheric gauge.
ATM	Atmosphere absolute.
ATP	Atomic %.
ATY	Activity.
BAB	Base Box.
BAC	Batch.
BAE	Bale.
BAG	Bag.
BAL	Ball.
BAN	Band.
BAP	Batting Pound.
BAR	Bar.
BAS	Basket.
BAT	Batt.
BAW	Base Weight.
BEA	Beam.
BEC	Becquerel/kilogram.
BEL	Belt.
BHP	Brake HP.
BIL	Billet.
BIN	Bin.
BIT	Bit.
BKC	Bulk Car Load.
BLN	Balance.
BLO	Block.
BOA	Board.
BOF	Board Feet.
BOL	Bolt.
BOT	Bottle.
BOX	Box.
BRB	Bar absolute.
BRD	Barrels Per Day.
BRE	Barrel.
BRI	Barrel (Imperial).
BRM	Barrels Per Minute.
BTF	British Thermal Units (BTUs) Per Cubic Foot.
BTP	British Thermal Units (BTUs) Per Pound.
BTU	British Thermal Unit (BTU).
BUB	Bubbler.
BUC	Bucket.
BUD	Bushel, Dry Imperial.
BUK	Bunks.
BUL	Bulk.
BUN	Bundle.
BUP	Bulk Pack.
BUS	Bushel.

BYT	Bytes.
C0W	Counts per Wafer (Counts/wf).
C3M	Cubic centimeter per minute (cm3/minute).
CAA	Carat.
CAB	Carboy.
CAC	Card.
CAD	Candela.
CAG	Cartridge.
CAK	Cask.
CAL	Calorie.
CAN	Can.
CAO	Carload.
CAR	Car.
CAS	Case.
CAT	Canister.
CAW	Catchweight.
CC2	Centipoises per hour per square centimeters (cps per hr per sq cm).
CCC	Counts per Square Centimeters (Counts/cm2).
CD3	Cubic decimeter (Cubic dec).
CEL	Cell.
CEM	Centimeter.
CEP	Centipoises (CPS).
CET	Centiliter.
CGM	Centigram.
CHA	Chains (Land Survey).
CHE	Chest.
CM2	Square centimeter (cm2).
CMH	Centimeter/hour (cm/h).
CML	Colony/Milliliter (col/ml).
CMS	Centimeter/Second (cm/s).
CNN	Connector.
COG	Coil Group.
COI	Coil.
COL	Coulomb.
COM	Composite Product Pounds (Total Weight).
CON	Cone.
COT	Container.
COV	Cover.
CRA	Crate.
CRT	Carton.
CSE	Cassette.
CST	Cassette. Centistokes.
CUB	Cubic centimeter.
CUC	Cubic centimeter.  Cubic centimeter/second.
CUF	
CUI	Cubic Foot.
	Cubic inch.
CUD	Cubic meter.
CUP	Cup.
CUY	Cubic yard.
CYC	Cycles.

CYL	Cylinder.
DAL	Dalton units (dalton).
DAY	Day.
DCB	Decibels.
DCG	Decagram.
DCL	Deciliter.
DCM	Defects per Square Centimeters (Defects/cm2).
DE1	Defects.
DE2	Degrees in Angles.
DE3	Degree.
DEA	Deal.
DEC	Decimeter.
DEF	Degree Fahrenheit.
DEG	Degree Celsius.
DEP	Dep. Factor.
DFW	Defects per Wafer (Defects/Wafer).
DGM	Decigram.
DIE	Die.
DIL	Display.
DIP	Dispenser.
DNC	Dynes per centimeter (Dynes per cm).
DOZ	Dozen.
DPM	Parts per Million per Day (ppm per day).
DRA	Dram.
DRU	Drum.
DRY	Dry Pounds.
EAC	Each.
ELE	Electrical Capacitance.
EML	Enzyme Units/Milliliter (Enzyme/ml).
ENU	Enzyme Units (Enzy.Units).
EQ2	Milliequivalent per 30 Kg (mequ/30Kg).
EQG	Milliequivalent per gram (milliequivalent per g).
EQK	Milliequivalent per Kilogram (mequ/Kg).
EQM	Milliequivalent per Millimeter (milliequivalent per mm).
FAR	Farads.
FFA	Femtofarad.
FIN	1/32 inch.
FLO	Fluid Ounce.
FOI	Fluid Ounce (Imperial).
F00	Foot.
FOU	Fluid Ounce US.
FPS	Feet per second (Feet/s).
FRH	Sales FT3 at 60°F per hour (FTR/hour).
FRM	Sales FT3 at 60°F per minute (FTR/min).
FTR	Sales FT3 at 60°F, 14.7 psia (SFT3_60F_S).
FTS	Sales FT3 at 70°F, 14.7 psia (SFT3_60F_5).  Sales FT3 at 70°F, 14.7 psia (SFT3_70F_S).
FTT	1000 FT3 at 60°F, 14.7 psia (SFT3_70F_S).
FTU	1000 FT3 at 60°F, 14.7 psia (KFT3_60F_5). 1000 FT3 at 70°F, 14.7 psia (KFT3_70F_S).
	, , , , = = ,
FUU	Fuel Usage (Gallons).
G2S	Gram square per second (g²/s).

GAI	Gram act. ingrd. (g act.ing).
GAL	Gallon.
GAS	Gage Systems.
GAU	Gram Gold.
GCL	Gardner Color.
GEG	Keim/Gramm (keim/g).
GEQ	Gram per Equivalent (g/Eq).
GGM	Gram per gram mole (g/gmole).
GHG	Gram per Hectogram (g/hg).
GIH	Gigahertz.
GIJ	Gigajoules.
GIL	Gill (Imperial).
GM4	Gram per 100 Milliliters (g/100ml).
GME	Gram per Mole Equivalent (g/mole Eq).
GMO	Gram per Mol (g/mol).
GNL	Gram act.Ingrd per Liter (gai/liter).
GOB	Gross Barrels.
GOG	Gross Gallons.
GOH	Gigaohm (GOhm).
GOK	Gross Kilogram.
GOT	Gross Ton.
GOY	Gross Yard.
GPN	US Gallon per minute (gpm US).
GRA	Gram.
GRG	Great Gross (Dozen Gross).
GRK	Grams Per Kilogram.
GRL	Grams Per Liter.
GRM	Grams Per Milliliter.
GRN	Grain.
GRO	Gross.
GRP	Group.
HAG	Half Gallon.
HAH	Half Hour.
HAL	Half Liter.
HAN	Hank.
HEA	Heat lots.
HEC	Hectare.
HEL	Hectoliter.
HEP	Hectopascal.
HER	Hertz.
HGM	Hegman.
HNY	Henry.
HOS	Hours.
HOU	Hour.
HUA	Hundredth of a Carat.
	Hundred Boxes.
HUB	
HUC	Hundred Count.
HUS	Hundred Sheets.
HZM	Hertz per Minute (Hertz per min).
IH2	Inches of Water Gauge (inH2O-g).

IHG	Inches of Mercury Gauge (inHg-g).
ILB	Inch pounds (in.lb).
IMG	Imperial Gallons.
INC	Inch.
IPS	Inch per second (inch / sec).
JAR	Jar.
JKG	Joule/Kilogram (J/kg).
JMO	Joule/Mol (J/mol).
JOI	Joint.
JOU	Joule.
KAI	Kilogram act. Ingrd. (kg ac.ing.).
KAK	kg act.ingrd. / kg (kai/kg).
KBY	Kilobyte.
KCM	Kilogram per cm2 gauge (kg/cm2-g).
KD3	Kilogram per Cubic Decimeter (kg/dm3).
KEG	Keg.
KEL	Kelvin.
KGE	Container Fill Weight in Kg/Ea.
KGH	Kilogram per Hour (kg/h).
KGL	Kilograms per Liter (kg/L).
KGM	Kilogram/Mol (kg/mol).
KGS	Kilogram per Second (kg/s).
KHO	Kilometer/hour.
KIC	Kilogram per cubic meter.
KIE	Kilometer.
KIG	Kilogram.
KIH	Kilohertz.
KIK	Kilobecquerel/Kilogram.
KIL	Kiloampere.
KIM	Kilogram/square meter.
KIO	Kiloohm.
KIS	Kilogramm pro Sekunde.
KIT	Kit.
KIV	Kilovolt.
KIW	Kilowatt.
KJK	Kilojoule per kilogram (KJ/kg).
KJL	Kilojoule.
KJM	Kilojoule/Mol (KJ/mol).
KKG	Kilogram/Kilogram.
KMK	Cubic meter/Cubic meter (m3/m3).
KMN	Kelvin per Minute (K/min).
KMS	Kelvin per Second (K/s).
KNM	Kilonewton per square meter (kN/m2).
KNT	Kilonewton (ND).
KPA	Kilopascal (kPa).
KRU	Kreb Unit.
KTN	Kilotonne (kt).
KUD	Kubikdezimeter.
KUM	Kubikmeter pro Sekunde.
KVA	Kilovoltampere (kVA).

KWH	Kilowatt-hour.
KWR	Kilovolt ampere reactive hours (KVAH reac.).
LBH	US Pound per Hour (lb/hour).
LBM	US Pound per minute (lb/min).
LG2	Liter per Gram per Centimeter (I/g/cm).
LGC	Liters per Gram-Centimeters (I/g-cm).
LHK	Liter per 100 km (I/100 km).
LIF	Lifts.
LIM	Link.
LIQ	Liquid Pounds.
LIT	Liter.
LMI	Liter per Minute (I/min).
LMS	Liter per Molsecond (I/mol.s).
LOA	Load.
LOT	Lot.
LPD	Light Point Defects per Wafer (LPD/Wafer).
LPH	Liter per hour (I/hr).
LUG	Lug.
M15	Micron per 15 Square Millimeters (mu per 15 sq mm).
M20	Micron per 20 Square Millimeters (mu per 20 sq mm).
M25	Micron per 25 Square Millimeters (mu per 25 sq mm).
M26	Micron per 26 by 8 Millimeters (mu per 26 by 8 mm).
M2G	Meters square per gram (m sq per gram).
МЗА	Sales m3 at 15 °C, 1 atmos (Sm3_15C_S).
МЗВ	Sales m3 at 21 °C, 1 atmos (Sm3_21C_S).
M3C	Sales m3 at 10 °C, 1 atmos (Sm3_10C_S).
M3D	Sales m3 at 43 °C, 1 bar (Sm3_43C_D).
M3E	Sales m3 at 9 °C, 1 bar (Sm3_9C_D).
M3F	Sales m3 at 15 °C, 1 bar (Sm3_15C_D).
M3G	Sales m3 at 27 °C, 1 atmos (Sm3_27C_S).
МЗН	Cubic Meter per Hour (m3/h).
МЗЈ	Sales m3 at 35 °C, 1 atmos (Sm3_35C_S).
МЗК	Cubic Meter/Kilogram (m3/Kg).
МЗМ	Milliliter per Cubic Meter (ml/m3).
M3N	Mol per Cubic Meter (Mol/m3).
MAM	Milliamps/mm.
MAT	Mat.
MBY	Megabyte.
MBZ	Meterbar per Second (m.bar/s).
MC2	Millisecond per Centimeter (mS/cm).
MCA	Microampere (µA).
MCG	Microgram.
MCH	Micromhos (µmhos).
MCK	Microcuries per Kilogram (µci/kg).
MCL	Microcuries per Gaseous Liter (µc/l).
MCM	Milligrams Per Cubic Meter.
MCN	Metal Can.
MCP	Manifolded Cylinder Pack.
MCR	Micron.
MEG	Megagram.
>	· · · · · · · · · · · · · · · · · · ·

MEH Megahertz. MEP Megapoule (MJ). MEP Megaposcal. MET Meter. MEW Megawatt. MFD Microfarad (µF). MGA Milligram per Amp (mg per amp). MGG Milligram per Gram (mg/g). MGG Milligram per Second (mg per sec). MGG Milligram per Second (mg per sec). MGR Micrograms per Uter (µg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MH2 Micromhos per Centimeter (µmhos/cm). MH3 Meter per Hour (mr/h). MH4 Megavolt. MIB Million BTU's. MIC Mikrogram/ser Cubic Meter. MIG Micrograms Per Cubic Meter. MIG Micrograms Per Cubic Meter. MIM Million		
MEP         Megapascal.           MET         Meter.           MEW         Megawatt.           MFD         Microfarad (μF).           MGA         Milligram per Anp (mg per amp).           MGF         Milligram per Gram (mg/g).           MGG         Milligram per Gram (mg/g).           MGM         Milligram.           MGO         Megohm (MOhm).           MGR         Micrograms per Gram (µg/g).           MGS         Milligram per Second (mg per sec).           MH1         Millimeter per Hour (mm/h).           MHC         Micromhos per Centimeter (µmhos/cm).           MHR         Meter per Hour (m/h).           MIR         Millimo BTU's.           MIC         Mikrogram/cubic meter.           MIG         Mikrogram/cubic meter.           MIG         Mikrogram/cubic meter.           MID         Millipascal seconds.           MIS         Microsecond.           MIT         Miter.           MIV         Millipascal seconds. <t< td=""><td>MEH</td><td>Megahertz.</td></t<>	MEH	Megahertz.
MET         Meter.           MEW         Megawatt.           MFD         Microfarad (μF).           MGA         Milligram per Amp (mg per amp).           MGF         Milligram per Square Centimeter (mg/cm2).           MGG         Milligram per Gram (mg/g).           MGL         Microgram per Liter (μg/l).           MGM         Milligram.           MGO         Megohm (MOhm).           MGR         Micrograms per Gram (μg/g).           MGS         Milligram per Second (mg per sec).           MH1         Milligram per Second (mg per sec).           MH1         Milligram per Hour (mm/h).           MHC         Micrograms per Centimeter (μmhos/cm).           MHR         Meter per Hour (mr/h).           MHV         Megavolt.           MIB         Million BTU's.           MIC         Mikrogram/cubic meter.           MIG         Micrograms Per Cubic Meter.           MIL         Mille.           MIN         Minute.           MIM         Millipascal seconds.           MIS         Microsecond.           MIT         Miter.           MIV         Millivolt.           MIV         Millivolt.           MIV	MEJ	Megajoule (MJ).
MEW         Megawatt.           MFD         Microfarad (μF).           MGA         Milligram per Amp (mg per amp).           MGF         Milligram per Square Centimeter (mg/cm2).           MGG         Milligram per Gram (mg/g).           MGL         Microgram per Liter (μg/l).           MGM         Milligram.           MGO         Megohm (Mohm).           MGS         Milligram per Second (mg per sec).           MH1         Millimeter per Hour (mm/h).           MHC         Micrograms per Gram (μg/g).           MHR         Meter per Hour (m/h).           MHR         Meter per Hour (m/h).           MHR         Meter per Hour (m/h).           MIN         Millim BTU's.           MIC         Mikrogram/cubic meter.           MIG         Mikrogram/cubic meter.           MIG         Micrograms Per Cubic Meter.           MIL         Mile           MIN         Minute.           MIN         Minute.           MIN         Minute.           MIN         Milipsacal seconds.           MIS         Microsecond.           MIT         Miter.           MIV         Milliwat.           MIV         Milligram per	MEP	Megapascal.
MFD         Microfarad (μF).           MGA         Milligram per Anp (mg per amp).           MGF         Milligram per Square Centimeter (mg/cm2).           MGG         Milligram per Gram (mg/g).           MGL         Microgram per Liter (μg/l).           MGM         Milligram.           MGO         Megohm (Mohm).           MGR         Micrograms per Gram (μg/g).           MGS         Milligram per Second (mg per sec).           MH1         Milligram per Second (mg/g).           MHV         Megavolt.           MIR         Meter per Hour (m/h).           MIV         Million BTU's.           MIC         Mikrogram/cubic meter.           MII         Milcograms Per Cubic Meter.           MII         Milcometer.           MIN         Milcometer.           MIN         Milcometer.           MIN         Milcometer.           MIN         Millipascal seconds.           MIS         Microsecond.           MIT	MET	Meter.
MGA Milligram per Amp (mg per amp). MGF Milligram per Square Centimeter (mg/cm2). MGG Milligram per Gram (mg/g). MGL Microgram per Liter (µg/l). MGM Milligram. MGG Megohm (MOhm). MGR Micrograms per Gram (µg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (µmhos/cm). MHR Meter per Hour (mm/h). MHW Megavolt. MIB Million BTU's. MIC Mikrogram/cubic meter. MIL Mile. MIM Micrometer. MIL Mile. MIP Millipascal seconds. MIS Microsecond. MIS Microsecond. MIS Microsecond. MIY Milliwolt. MIW Milliwolt. MIW Milliwolt. MIW Milliwolt. MIW Milliwolt. MIW Milligrams of KOH per Gram (mg KOH per g). MKL Milligrams of KOH per Gram (mg KOH per g). MKL Millimol per Liter (ml/l). ML2 Milliampere. ML4 Milliampere. ML5 Milliampere. ML6 Milligram/Liter. ML7 Milligram/Liter. ML8 Milligram/Liter. ML9 Mole per Mole (mole/mole). ML1 Milligram/Liter. ML8 Milligram/Liter. ML9 Milligram Milligram/Liter. ML9 Milligram Milligram. ML1 Milligram/Liter. ML9 Milligram Milligram/Liter. ML9 Milligram Milligram/Liter. ML9 Milligram Milligram/Liter. ML9 Milligram Milligram. ML1 Milligram/Liter. ML8 Milligram/Liter. ML9 Milligram Milligram. ML1 Milligram/Liter. ML9 Milligram Milligram. ML1 Milligram/Liter. ML9 Milligram/Liter.	MEW	Megawatt.
MGF Milligram per Square Centimeter (mg/cm2). MGG Milligram per Gram (mg/g). MGL Microgram per Liter (µg/l). MGM Milligram. MGO Megohm (MOhm). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MH2 Megavolt. MH3 Million BTU's. MIB Million BTU's. MIG Micrograms Per Centimeter (µmhos/cm). MH4 Megavolt. MIB Million BTU's. MIG Microgram/cubic meter. MIG Micrograms Per Cubic Meter. MII Millimate. MII Millipascal seconds. MII Millipascal seconds. MIT Millipascal seconds. MIT Miter. MIV Millivolt. MIW Millivolt. MIW Millivolt. MIW Millivolt. MIW Millijoule. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Millimol per Gram (mmol/g). ML1 Millimol per Gram (mmol/g). ML2 Millimol per Liter (ml/l). ML3 Mol per Liter (Mil/Liter). ML4 Millimol per Liter (Millimol/l). ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milligram/cubic meter. ML8 Milligram/cubic meter. ML9 Milligram/cubic meter. ML9 Milligram/cubic meter. ML1 Milligram/cubic meter. ML1 Milligram/cubic meter. ML2 Milligram/cubic meter. ML3 Milligram/cubic meter. ML4 Milligram/cliter meter. ML5 Milligram/cliter. ML6 Milligram/cliter. ML7 Milligram/Liter. ML8 Milligram/Liter. ML9 Mole Percent (% mole). ML9 Mole Percent (% mole). ML9 Millise. ML9 Milliliter act. Ingr. (ml act.in.).	MFD	Microfarad (µF).
MGG Milligram per Gram (mg/g). MGL Microgram per Liter (µg/l). MGM Milligram. MGO Megohm (MOhm). MGR Micrograms per Gram (µg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (µmhos/cm). MHR Meter per Hour (m/h). MHW Megavolt. MIB Million BTU's. MIC Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MII Mile. MIM Micrometer. MIN Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIV Milliwatt. MJW Milliwatt. MJW Milliwatt. MJM Wobbe Number (MJ/m3). MJO Millijoule. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Millimol per Gram (mmol/g). ML1 Millimol per Liter (ml/l). ML2 Millimol per Liter (ml/l). ML4 Millimapere. ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Millimol per Liter (ml/l). ML8 Millimapere. ML9 Milligram/cubic meter. ML9 Milligram/cubic meter. ML9 Milligram/cubic meter. ML1 Millimol per Gallon (ml per gal). ML1 Milliliter. ML4 Millimapere. MLB Milligram/cubic meter. MLG Milligram/cubic meter. MLG Milligram/cubic meter. MLG Milligram/kilogram. MLL Milligram/kilogram. MLL Milligram/kilogram. MLL Milligram/Liter. MLK Milligram/Liter. MLM Mole per Mole (mole/mole). MLP Mole Percent (% mole). MLP Mole Percent (% mole). MLS Milles. MLW Milliliter act. Ingr. (ml act.in.).	MGA	Milligram per Amp (mg per amp).
MGL Microgram per Liter (µg/i). MGM Milligram. MGO Megohm (MOhm). MGR Micrograms per Gram (µg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (µmhos/cm). MHR Meter per Hour (m/h). MHV Megavolt. MIB Millino BTU's. MIC Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MII Mile. MIM Micrometer. MIN Minute. MIN Minute. MIN Minute. MIV Millipascal seconds. MIS Microsecond. MIT Miter. MIV Millivolt. MIIV Millivolt. MIW Millivolt. MIW Millivolt. MIW Millijoule. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Millimol per Gram (mmol/g). ML1 Milliliter per Liter (ml/l). ML2 Millimol per Liter (Mol/Liter). ML4 Millimol per Liter (Millimol/i). ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milligram/cubic meter. ML8 Milligram/cubic meter. ML9 Milligram/cubic meter. ML9 Milligram/cubic meter. ML1 Milligram/cubic meter. ML2 Milligram/cubic meter. ML3 Mol per Mole (mole/mole). ML4 Milligram/Liter. ML5 Milligram/Liter. ML6 Milligram/Liter. ML7 Milligram/Liter. ML8 Milligram/Liter. ML9 Mole Percent (% mole). ML9 Mole Percent (% mole). ML9 Mole Percent (% mole). ML9 Milliliter. ML8 Millilier. ML9 Milliliter. ML8 Milliliter. ML9 Milliliter. MILI Milliliter. MILI Milliliter. MILI Milliliter. MILI Milliliter. MILI Milliliter.	MGF	Milligram per Square Centimeter (mg/cm2).
MGM Milligram. MGO Megohm (MOhm). MGR Micrograms per Gram (μg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (μmhos/cm). MHR Meter per Hour (m/h). MHV Megavolt. MIB Million BTU's. MIC Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MIL Mile. MIM Minute. MIM Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIV Millivolt. MIW Millivolt. MIW Milliwalt. MJM Wobbe Number (MJ/m3). MJO Millijoule. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Millimol per Citer (mi/l). ML2 Millimol per Liter (mi/l). ML3 Mol per Liter (Millimol/l). ML4 Millimapere. ML5 Millimapere. ML6 Milligram/cubic meter. ML7 Millimapere. ML8 Milligram/cubic meter. ML9 Milligram/cubic meter. ML1 Milliliter per Liter (Millimol/l). ML1 Milliliter per Liter (Millimol/l). ML3 Mol per Liter (Millimol/l). ML4 Millimapere. MLB Milligram/cubic meter. MLB Milligram/cubic meter. MLG Milligram/Liter (Millimol/l). ML1 Milliliter per Mole (mole/mole). ML1 Milliliter. ML4 Milligram/Liter. MLK Milligram/Liter. MLK Milligram/Liter. MLK Milligram/Liter. MLM Mole per Mole (mole/mole). MLP Mole Percent (% mole). MLS Mills. MLS Milliliter act. Ingr. (ml act.in.).	MGG	Milligram per Gram (mg/g).
MGO Megohm (Mohm). MGR Micrograms per Gram (μg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (μmhos/cm). MHR Meter per Hour (m/h). MHW Megavolt. MIB Million BTU's. MIC Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MII Milli Millipascal seconds. MIM Minute. MIM Millipascal seconds. MIT Milliwatt. MIW Milliwatt. MIW Milliwatt. MIW Milliwatt. MIW Milligrams of KOH per Gram (mg KOH per g). MKL Milligrams of KOH per Gram (mmol/g). ML1 Millimol per Liter (mi/l). ML2 Millimol per Liter (mi/l). ML3 Mol per Liter (mi/l). ML4 Millimapere. ML5 Milligram/kilogram. ML6 Milligram/kilogram. ML7 Milligram/kilogram. ML8 Milligram/kilogram. ML9 Mole Percent (% mole). ML1 Milligram/kilogram. ML2 Milligram/kilogram. ML3 Mole per Mole (mole/mole). ML4 Milligram/kilogram. ML5 Milligram/kilogram. ML6 Milligram/kilogram. ML7 Mille Mole Percent (% mole). ML8 Mille Milligram/kilogram. ML9 Mole Percent (% mole). ML9 Mole Percent (% mole). ML9 Milligram Milligran. ML9 Milligram Milligran. ML9 Milligram Milligran. ML9 Milligram/kilogram. ML9 Milligram/kilogram. ML9 Milligram/kilogram. ML9 Milli Milligram/kilogram. ML9 Milliliter act. Ingr. (ml act.in.).	MGL	Microgram per Liter (µg/l).
MGR Micrograms per Gram (µg/g). MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (µmhos/cm). MHR Meter per Hour (m/h). MHW Megavolt. MIB Million BTU's. MIC Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MII Mille. MIII Millipascal seconds. MIN Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIV Milliwalt. MIW Milliwalt. MIW Milliwalt. MIW Milliwalt. MIW Millijoule. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Milliiter per Liter (ml/l). ML2 Milliiter per Liter (ml/l). ML3 Mol per Liter (Millimol/l). ML4 Milliampere. ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milliter per Gallon (ml per gal). ML8 Milligram/cubic meter. ML9 Milliter. ML1 Milliliter. ML1 Milliliter. ML2 Milliliter per Gallon (ml per gal). MLA Milligram/cubic meter. MLB Milligram/cubic meter. MLG Milligram/Liter. MLC Milligram/Liter. MLL Milligram/Liter. MLL Milligram/Liter. MLL Milligram/Liter. MLL Milligram/Liter. MLD Mole per Mole (mole/mole). MLP Mole Percent (% mole). MLR Milliliter pust. Ingr. (ml act.in.).	MGM	Milligram.
MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (µmhos/cm). MHR Meter per Hour (m/h). MHV Megavolt. MIB Million BTU's. MIG Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MIL Mile. MIM Micrometer. MIN Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIW Millivolt. MIW Millivolt. MIW Milliwatt. MJM Wobbe Number (MJ/m3). MJO Milligrams of KOH per Gram (mg KOH per g). MKL Milliinol per Gram (mmol/g). ML1 Milliinol per Liter (ml/l). ML2 Milliinol per Liter (ml/l). ML3 Mol per Liter (Millimol/l). ML4 Milliampere. ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milligram/cubic meter. ML8 Milligram/cubic meter. ML9 Milligram/cubic meter. ML1 Milligram/cubic meter. ML1 Milligram/cubic meter. ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milligram/cubic meter. ML8 Milligram/cubic meter. ML9 Mole per Mole (mole/mole). ML9 Mole Percent (% mole). ML9 Millies. ML9 Millilier. ML8 Millies. ML9 Millilier. MILI MILI MILIIII.	MGO	Megohm (MOhm).
MGS Milligram per Second (mg per sec). MH1 Millimeter per Hour (mm/h). MHC Micromhos per Centimeter (µmhos/cm). MHR Meter per Hour (m/h). MHV Megavolt. MIB Million BTU's. MIG Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MIL Mile. MIM Micrometer. MIN Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIW Millivolt. MIW Millivolt. MIW Milliwatt. MJM Wobbe Number (MJ/m3). MJO Milligrams of KOH per Gram (mg KOH per g). MKL Milliinol per Gram (mmol/g). ML1 Milliinol per Liter (ml/l). ML2 Milliinol per Liter (ml/l). ML3 Mol per Liter (Millimol/l). ML4 Milliampere. ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milligram/cubic meter. ML8 Milligram/cubic meter. ML9 Milligram/cubic meter. ML1 Milligram/cubic meter. ML1 Milligram/cubic meter. ML5 Milligram/cubic meter. ML6 Milligram/cubic meter. ML7 Milligram/cubic meter. ML8 Milligram/cubic meter. ML9 Mole per Mole (mole/mole). ML9 Mole Percent (% mole). ML9 Millies. ML9 Millilier. ML8 Millies. ML9 Millilier. MILI MILI MILIIII.	MGR	Micrograms per Gram (μg/g).
MHC Micromhos per Centimeter (µmhos/cm).  MHR Meter per Hour (m/h).  MHV Megavolt.  MIB Million BTU's.  MIC Mikrogram/cubic meter.  MIG Micrograms Per Cubic Meter.  MIL Mile.  MIM Minute.  MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIV Millivolt.  MIW Milliwatt.  MJW Milliyolt.  MIW Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliter per Liter (ml/l).  ML2 Millimol per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Milligram/cubic meter.  ML6 Milligram/cubic meter.  ML7 Milligram/cubic meter.  ML8 Milligram/cubic meter.  ML9 Milligram/cubic meter.  ML1 Milligram/cubic meter.  ML1 Milligram/cubic meter.  ML2 Milligram/cubic meter.  ML3 Mol per Gallon (ml per gal).  ML4 Milligram/cubic meter.  ML6 Milligram/cubic meter.  ML7 Milligram/cubic meter.  ML8 Milligram/cubic meter.  ML9 Milligram/cubic meter.  ML1 Milligram/cubic meter.  ML1 Milligram/cubic meter.  ML2 Milligram/cubic meter.  ML3 Mole per Mole (mole/mole).  ML4 Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  ML8 Microliter (µl).  ML9 Millies.  MLW Milliliter act. Ingr. (ml act.in.).	MGS	
MHR Meter per Hour (m/h).  MHV Megavolt.  MIB Million BTU's.  MIC Mikrogram/cubic meter.  MIG Micrograms Per Cubic Meter.  MIL Mile.  MIM Micrometer.  MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliwatt.  MJW Millivolt.  MIW Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Milliwilter per Liter (ml/l).  ML2 Milliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  ML5 Millimol per Liter (Millimol/l).  ML6 Milligram/cubic meter.  ML7 Milligram/cubic meter.  ML8 Milligram/cubic meter.  ML9 Milligram/cubic meter.  ML1 Milligram/cubic meter.  ML2 Milligram/cubic meter.  ML3 Mol per Liter (Mol/Liter).  ML4 Milligram/cubic meter.  ML5 Milligram/cubic meter.  ML6 Milligram/cubic meter.  ML7 Milligram/cubic meter.  ML8 Milligram/cubic meter.  ML9 Milligram/Liter.  ML1 Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLP Mole Percent (% mole).  MLS Millies.  MLW Milliliter act. Ingr. (ml act.in.).	MH1	Millimeter per Hour (mm/h).
MHR Meter per Hour (m/h).  MHV Megavolt.  MIB Million BTU's.  MIC Mikrogram/cubic meter.  MIG Micrograms Per Cubic Meter.  MIL Mile.  MIM Micrometer.  MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIV Milliwatt.  MIW Milliwatt.  MIW Milliwatt.  MIM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Milliwiter per Liter (ml/l).  ML1 Milliwiter per Liter (ml/l).  ML2 Millimol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  ML5 Millimol per Liter (Millimol/l).  ML6 Milligram/cubic meter.  ML7 MIL Milliliter per Gallon (ml per gal).  ML8 Milligram/cubic meter.  ML9 Milligram/Liter.  ML1 Milligram/Liter.  ML1 Milligram/Liter.  ML2 Milligram/Liter.  ML3 Mol per Mole (mole/mole).  ML4 Milligram/Liter.  ML6 Milligram/Liter.  ML7 MILL Milligram/Liter.  ML8 Milligram/Liter.  ML9 Mole per Mole (mole/mole).  ML9 Mole Percent (% mole).  ML8 Microliter (µl).  ML8 Microliter (µl).  ML8 Millies.  MLW Milliliter act. Ingr. (ml act.in.).	MHC	Micromhos per Centimeter (µmhos/cm).
MHV Megavolt. MIB Million BTU's. MIC Mikrogram/cubic meter. MIG Micrograms Per Cubic Meter. MIL Mile. MIM Micrometer. MIN Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIW Milliwolt. MIW Milliwolt. MIW Milliwolt. MIW Milliwolt. MIW Milliguale. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Milliiter per Liter (ml/l). ML2 Milliiter per Liter (ml/l). ML4 Millimol per Liter (Millimol/l). ML5 Millimol per Liter (Millimol/l). ML6 Millimol per Liter (Millimol/l). ML7 Millimol per Liter (Millimol/l). ML8 Mol per Liter (Mol/Liter). ML9 Millimol per Liter (Millimol/l). ML1 Millimol per Liter (Millimol/l). ML3 Mol per Liter (Millimol/l). ML4 Millimol per Liter (Millimol/l). ML5 Millimol per Liter (Millimol/l). ML6 Milliparm/cubic meter. ML7 MIL Milliter per Gallon (ml per gal). ML8 Milligram/kilogram. ML9 Milligram/Liter. ML9 Mole per Mole (mole/mole). MLP Mole Percent (% mole). ML8 Microliter (µl). ML8 Millies. ML8 Millies. MLW Milliliter act. Ingr. (ml act.in.).	MHR	
MIC Mikrogram/cubic meter.  MIG Micrograms Per Cubic Meter.  MIL Mile.  MIM Micrometer.  MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliyoule.  MIW Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Milliiter per Liter (ml/l).  ML1 Milliiter per Liter (ml/l).  ML2 Milliiter per Liter (Millimol/l).  ML3 Mol per Liter (Millimol/l).  ML4 Millimol per Gram (millimol/l).  ML5 Milliibar.  ML6 Milligram/cubic meter.  ML7 Milliiter per Gallon (ml per gal).  ML8 Milliiter.  ML9 Milliiter.  ML1 Milliiter.  ML1 Milliiter.  ML2 Milliiter Milliiter.  ML3 Milliiter.  ML4 Milligram/cubic meter.  ML5 Milliiter.  ML6 Milliiter.  ML7 Milliiter.  ML8 Milliiter.  ML9 Milliiter.  ML9 Milliiter.  ML1 Milliiter.  ML8 Milliiter.  ML9 Milliiter.  ML9 Milliiter.  ML9 Milligram/kilogram.  ML1 Milligram/Liter.  ML8 Milligram/Liter.  ML9 Mole Percent (% mole).  MLP Mole Percent (% mole).  ML8 Milcoliter (μl).  ML8 Millies.  ML9 Milliiter act. Ingr. (ml act.in.).	MHV	Megavolt.
MIG Micrograms Per Cubic Meter. MIL Mile. MIM Micrometer. MIN Minute. MIP Millipascal seconds. MIS Microsecond. MIT Miter. MIV Millivolt. MIW Milliwatt. MJM Wobbe Number (MJ/m3). MJO Milliguale. MKG Milligrams of KOH per Gram (mg KOH per g). MKL Milliwolt per Liter (ml/l). ML2 Milliliter per Liter (ml/l). ML3 Mol per Liter (Mol/Liter). ML4 Millimol per Gram (mg KOH per g). ML4 Millimol per Liter (Millimol/l). ML5 Millibar. ML6 Milligram/cubic meter. ML7 MILI Milliter per Liter (Millimol/l). ML8 Milligram/cubic meter. ML9 Milligram/cubic meter. ML9 Milliliter per Gallon (ml per gal). ML1 Milliliter. MLC Milligram/kilogram. MLL Milligram/kilogram. MLL Milligram/Liter. MLM Mole per Mole (mole/mole). MLP Mole Percent (% mole). MLP Mole Percent (% mole). MLR Miles. MLN Milliliter act. Ingr. (ml act.in.).	MIB	Million BTU's.
MIG Micrograms Per Cubic Meter.  MIL Mile.  MIM Micrometer.  MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIW Millivolt.  MIW Milliwatt.  MIW Milliwatt.  MIJ Wobbe Number (MJ/m3).  MJO Milligoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Millimapere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLC Milligram/kilogram.  MLL Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLP Mole Percent (% mole).  MLS Miles.  MLM Milliliter act. Ingr. (ml act.in.).	MIC	Mikrogram/cubic meter.
MIL Mile.  MIM Micrometer.  MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliiter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Millimapere.  MLB Millibar.  MLC Milligram/cubic meter.  MLC Millijeram/cubic meter.  MLC Millijeram/cubic meter.  MLC Millijeram/cubic meter.  MLC Milligram/cubic meter.  MLC Millijeram/Liter.  MLK Milligram/Liter.  MLK Milligram/Liter.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLP Miles.  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MIG	
MIN Minute.  MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLB Milliampere.  MLB Milliampere.  MLC Milligram/cubic meter.  MLC Milligram/cubic meter.  MLG Milligram/kilogram.  MLL Milligram/Liter.  MLK Milligram/Liter.  MLL Milligram/Liter.  MLL Milligram/Liter.  MLL Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLS Miles.  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MIL	
MIP Millipascal seconds.  MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milligram/kilogram.  MLL Milligram/Liter.  MLK Milligram/Liter.  MLK Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (μl).  MLS Miles.  MLM Milliliter act. Ingr. (ml act.in.).	MIM	Micrometer.
MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Milligoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Millijeram/kilogram.  MLL Milligram/Liter.  MLK Milligram/Liter.  MLK Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLM Milliliter act. Ingr. (ml act.in.).	MIN	Minute.
MIS Microsecond.  MIT Miter.  MIV Millivolt.  MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Milligoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Millijeram/kilogram.  MLL Milligram/Liter.  MLK Milligram/Liter.  MLK Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLM Milliliter act. Ingr. (ml act.in.).	MIP	Millipascal seconds.
MIV Millivolt.  MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLB Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Milles.  MLW Milliter act. Ingr. (ml act.in.).	MIS	Microsecond.
MIW Milliwatt.  MJM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MIT	Miter.
MJM Wobbe Number (MJ/m3).  MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MIV	Millivolt.
MJO Millijoule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Miles.  MLM Milliter act. Ingr. (ml act.in.).	MIW	Milliwatt.
MIJO Millipule.  MKG Milligrams of KOH per Gram (mg KOH per g).  MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Miles.  MLW Milliter act. Ingr. (ml act.in.).	MJM	Wobbe Number (MJ/m3).
MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	МЈО	
MKL Millimol per Gram (mmol/g).  ML1 Milliliter per Liter (ml/l).  ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MKG	Milligrams of KOH per Gram (mg KOH per g).
ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLN Milliter act. Ingr. (ml act.in.).	MKL	
ML2 Milliliter per Liter (ml/l).  ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/l).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Miles.  MLN Milliter act. Ingr. (ml act.in.).	ML1	Milliliter per Liter (ml/l).
ML3 Mol per Liter (Mol/Liter).  ML4 Millimol per Liter (Millimol/I).  MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milligram/kilogram.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Milcroliter (μI).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	ML2	
MLA Milliampere.  MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	ML3	
MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	ML4	Millimol per Liter (Millimol/I).
MLB Millibar.  MLC Milligram/cubic meter.  MLG Milliliter per Gallon (ml per gal).  MLI Milliliter.  MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MLA	Milliampere.
MLG Milliliter per Gallon (ml per gal).  MLI Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MLB	
MLG Milliliter per Gallon (ml per gal).  MLI Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MLC	Milligram/cubic meter.
MLK Milligram/kilogram.  MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MLG	
MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µI).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).		Milliliter.
MLL Milligram/Liter.  MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µI).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).	MLK	Milligram/kilogram.
MLM Mole per Mole (mole/mole).  MLP Mole Percent (% mole).  MLR Microliter (µI).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).		
MLP Mole Percent (% mole).  MLR Microliter (µl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).		
MLR Microliter (μl).  MLS Miles.  MLW Milliliter act. Ingr. (ml act.in.).		
MLS Miles. MLW Milliliter act. Ingr. (ml act.in.).		
MLW Milliliter act. Ingr. (ml act.in.).		

MMA	Millimeter per Year (mm/a).
MME	Millimeter.
MMG	Millimol/gram (mmol/g).
MMH	Millimeter H20.
MMK	Millimol/kilogram.
MMM	0.000001 meter (1 millionth of a meter). (Micrometer/Micron).
MMN	Meter per Minute (m/min).
MMO	Millimol.
MMS	Millimeter per Second (mm/s).
MNM	Millinewton per meter (mN/m).
MNT	Meganewton (MN).
MOK	Mol/kilogram.
MOL	Mol.
MON	Month.
MPB	Mass parts per billion (ppb(m)).
MPG	Miles per Gallon (US) (Mi/Gal(US)).
MPH	Megagrams Per Hour.
MPM	Mass Parts per Million (ppm(m)).
MPT	Mass Parts per Trillion (ppt(m)).
MPZ	Meterpascal per Second (m.Pa/s).
MQG	Mircoequivalent per Gram (microeq/g).
MRF	Millifarad (mF).
MS1	MilliSiemen per Centimeter (mS/cm).
MS2	Meter per Second Squared (m/s2).
MS3	Microsiemens per Centimeter (µS/cm).
MSC	Millisecond.
MSM	Milligrams Per Square Meter.
MTA	Millitesla.
MTQ	Meter pro Quadratsekunde.
MTR	Meter (m).
MTS	Meters per second.
MUL	Multichip - When 2 or more dies (chips) are merged into one package.
MVA	Megavoltampere (MVA).
MVS	Millivolts.
MVT	Millivolt.
MWH	Megawatt Hours (mwh).
MWR	Megavolt Ampere Reactive Hours (MVAH reac.).
MWT	Molecular Weight (mW).
MYS	Micro Siemens (mic. Siem.).
N2M	Newton/Square millimeter (N/mm2).
NAA	Nanoamps.
NAM	Nanometer.
NAS	Nanosecond.
NEB	Net Barrels.
NEG	Net Gallons.
NEI	Net Imperial Gallons.
NEL	Net Liters.
NEW	Newton.
NM2	Newton.  Newton per Square Meter (N/m²).
NM3	Normal m3 at 0°C, 1 atmos (Normal m3).
141.12	Normal ins at 0 C, I adinos (Normal Ins).

NMH	Newton per Hour (N/h).
NMM	Newton per Millimeter (N/mm).
NMR	Normal m3 per Hour (Nm3/h).
NOL	Normality.
NPK	Nowpac Container (Nowpac).
NRG	Bar Gauge.
NRU	Nanofarad (nF).
NTU	Nephelometric Turbidity Units (NTU).
NTY	Equivalents per Liter (equ/l).
NUM	Numbers.
NWM	Newton per Meter (N/m).
NXM	Newton per 25 mm (N/25mm).
O2P	Percent Oxygen (% Oxygen).
OCT	Ohm/ct.
OHC	Ohm-Centimeter (ohm cm).
ОНМ	Ohm.
OMM	Ohm/mm.
ONE	One.
OPH	Operating hour (Oper. Hour).
OSQ	Ohm/sq.
OTP	One Thousand Pieces.
OUN	Ounce.
OVI	Ohm/via.
OZG	Ounce per Gallon (oz per gal).
PAC	Parcel.
PAD	Pad.
PAG	Package.
PAI	Pail.
PAK	Pack (PAK).
PAL	Pallet.
PAN	Panel.
PAR	Pair.
PAS	Pascal.
PAT	Packet.
PBA	PPBA Silicon (ppba Si).
PBW	Parts Per Billion by Weight (ppbw).
PC2	Parts per Square Centimeters (part per sq cm).
PCA	Percent Active (% Active).
PCL	Picocuries per Liter (pCi/l).
PEC	Percent.
PEG	Percentage.
PEH	Percent Per 1000 Hours.
PEN	Pennyweight.
PER	Per Hundred Pieces.
PEW	Percent Weight.
PEW PF3	Per Cubic Foot (per cu ft).
PF3 PF4	
PF4 PFA	Particles per Cubic Feet (particles per cu ft).
	Percent Failed Area (Failed Area %).
PFR	Picofarad.
PH	PH Factor (pH).

PI2	Parts per Square Inch (part per sq in).
PID	Pint U.S. Dry.
PIE	Piece.
PIL	Pint - US liquid.
PL1	Parts per Liter (parts per I).
PL2	Parts per Milliliter (parts per ml).
PL3	Part per Millilitre (Part/ml).
PLA	Plate.
PLI	Pounds per Linear Inch (lb/Lin. In).
PLL	Pallet (Lift).
PLR	Per Liter.
PLT	Palette.
PLU	Pallet/Unit Load.
PMA	Percent Mass (%(m)).
PMI	Per Mille (%0).
PML	Particles per Milliliter (particles/mL).
PMO	Per Mille mass (%0(mass)).
PMP	Parts Per Million Platinum (ppm Pt).
PMV	Parts Per Million (weight/Vol) (ppm (w/v)).
PMW	Parts Per Million by Weight (ppmw).
PNJ	Particles per Injection (particles per inj).
PNT	Points.
POF	Pounds Per Foot.
POG	Pounds Per Gallon.
PON	Pound.
POP	Pounds Per Piece of Product.
POR	Pores.
POS	Pounds Per 1000 Square Feet.
POT	Pounds Per Thousand.
PP3	Parts per Million mole (ppm mole).
PP4	Parts per Billion Mole (ppb mole).
PPB	Parts per billion (US).
PPF	Parts per Ft3 (Parts/Ft3).
PPH	Parts Per Hundred (pph).
PPM	Parts per million.
PPP	Pounds Per Pound of Product.
PPT	Parts per Trillion (ppt).
PRS	Number of Persons.
PSA	Pounds per Square Inch Absolute.
PSC	Picosecond.
PSG	Pound per Square Inch Gauge (psi gauge).
PSI	PSI Unit (PSI).
PSS	Pascal second.
PSV	Poise.
PTL	Particles per Liter (Part/Liter).
PWF	Particles per Wafer (particles/wf).
QML	Kilomol (kmol).
QUA	Quart - US liquid.
RAC	Rack.
REA	Ream of 500 Sheets.

REE	Reel.
RIN	Ring.
RLU	Relative Light Unit (RLU).
ROD	Rod.
ROL	Roll.
RPM	Revolutions per Minute (Revs/min).
SAC	Sack.
SBB	Super Bulk Bag.
SCL	Scales.
SEC	Second.
SET	Set.
SHE	Sheet.
SHI	Shipment.
SHM	Sheet - Metric measure.
SHO	Shot.
SID	Disk (Disc).
SIE	Siemens per Meter (Siemens/m).
SKE	Skein.
SKI	Skid.
SLE	Sleeve.
SLI	Slip Sheet.
SMI	Square mile.
SMM	Square millimeter.
SPO	Spool.
SQF	Square foot.
SQI	Square inch.
SQK	Square kilometer.
SQM	Square meter.
SQS	Square meter/second.
SQU	Square.
SQY	Square Yard.
STI	Stick.
STM	Statute Mile.
STP	Steps.
STR	Strip.
STU	Stabilizer Units (SU).
SVU	Say Bolt Viscosity Units (SVU).
TAB	Tablet.
TAN	Tank.
TAR	Target pieces (target).
TAT	Tank Truck.
TES	Tesla.
THO	Thousand.
TM3	1/Cubic Meter (1/m3).
TNN	Tonne.
TOM	Ton per Cubic Meter (t/m3).
TON	Ton.
TOR	Torr.
TOT	Tote.
TPT	Pass Test (Pass).

TRA	Train.
TRF	Track Foot.
TRL	Trailer.
TRO	Troy.
TRU	Truckload.
TRY	Tray.
TRZ	Troy OZ.
TUB	Tube.
ULU	Unitless Unit of Measure.
UNT	Unit.
USG	US gallon.
USP	US pound.
UST	US ton.
VAL	VO mat. (Value).
VAP	Voltampere (VA).
VHN	Vickers Micro-Hardness (VHN10).
VIA	Vial.
VMP	Molar %.
VOL	Volt.
VPB	Volume Parts per Billion (ppb(V)).
VPC	Percent Volume (%(V)).
VPM	Volume Parts per Million (ppm(V)).
VPR	Per Mille Volume (%O(V)).
VPT	Volume parts per Trillion (ppt(V)).
VTA	Volts (Alternating Current).
VTD	Volts (Direct Current).
VTM	Volts Per Meter.
WAF	Wafer.
WAR	Watt.
WEE	Week.
WPT	Parts Per Trillion by Weight (pptw).
WRA	Wrap.
YAR	Yard.
YEA	Year.

# 4.9.8 WeightType

A code identifying the type of weight.

Instance	Documentation
CHR	Chargeable.
DMN	Dimensional.
EXA	Exact Net.
GNR	General.
GRS	Gross.
NET	Net.
NOM	Nominal Net.
TAR	Tare.

# 5. System Structure

#### 5.1 BusinessProcessIdentifier

A Business Process Identifier to uniquely define the TPIR-PIP 'role' within a Business Scenario at a company or MNC level. The identifier MUST be composed of alphanumeric characters only and its length MUST be between one and twelve characters.

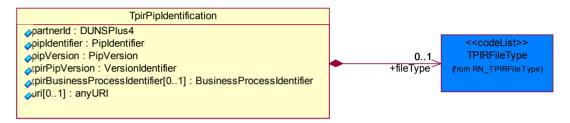


Figure 5-1 BusinessProcessIdentifier

Attribute	Туре	Documentation	
pattern		[0-9a-zA-Z]{1,12}	

### 5.2 BusinessServiceInformation

The object allows the specification of the business service utilized within the partner company. This may or may not be the same as the information sent by the RNIF.

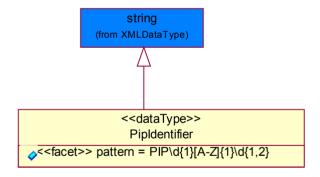


Figure 5-2 BusinessServiceInformation

Attribute	Туре	Documentation
actionName	string	The name of Action. For RosettaNet usually any of Request/Confirm/Notify/Query/Response.
serviceName	string	The name of the Business Activity with the "Request/Confirm" part removed. E.g., for the Activity "Request Purchase Order"==> "Purchase Order".
processIdentifier	string	The name of the PIP e.g. Notify of Forecast Reply.
processReference[01]	string	The URN for the PIP that includes

		Cluster/Segment/Process pattern used to identify the interface process (such as PIP3A4)
processState[01]	string	The business process (or service) state of the sender of a document. When a service receives this document, the receiver may use the state as a precondition.

### 5.3 ContractInformation

A block of information used to correlate a contract in an executing choreography.



Figure 5-3 ContractInformation

Attribute	Type	Documentation
contractIdentifier[01]	string	Unique identification of a contract between the
		Sender and the Receiver
contractType[01]	string	The type of the contract: an attribute describing the type of the ContractIndentification. Valid values are URI, URN,ebXMLCPA, or other values defined by partners.

### 5.4 CorrelationInformation

A block of information used to correlate a requesting document to a responding document and to the contract in an executing choreography.

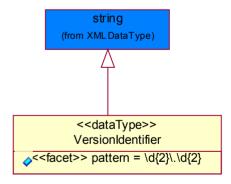


Figure 5-4 CorrelationInformation

Composition	Cardinality	Туре	Documentation
ContractInformati on	01	ContractInformati on	A block of information used to correlate a contract in an executing choreography.
RequestingDocum entInformation	01	RequestingDocum entInformation	A block of information used to correlate a requesting document to a responding document in an executing

	ah ayaa ayaa hii
	choreography.
	choreography.

## 5.5 DocumentHeader

The object allows for the identification of the sender and receiver of the business document.

```
StandardDocumentIdentification

>standard[0..1] : string

version : string
```

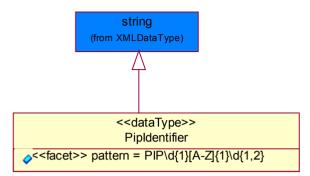
Figure 5-5 DocumentHeader

Attribute	Туре	Documentation
headerVersion[01]	string	The UN/CEFACT version of the document header.

Composition	Cardinality	Туре	Documentation
Sender	1	Sender	The object allows the identification of the initiating party of the business message.
CorrelationInform ation	01	CorrelationInform ation	A block of information used to correlate a requesting document to a responding document and to the contract in an executing choreography.
DocumentInforma tion	1	DocumentInforma tion	The object specifies information to identify the business document, a summary of attachments, and information about the business document security.
Receiver	1	Receiver	The object allows the identification of the receiving party of the business message.

## 5.6 DocumentIdentification

The object specifies all information necessary to identify the business document.



**Figure 5-6 DocumentIdentification** 

Attribute	Туре	Documentation	
identifier	string	The unique identifier for the document being sent.	
type[01]	string	Name of the Action Message	

Composition	Cardinality	Туре	Documentation
DocumentIdentifi	1	DocumentIdentific	
cationChoice		ationChoice	

## 5.7 DocumentIdentificationChoice

Composition	Cardinality	Туре	Documentation
StandardDocume	1	StandardDocume	The object specifies
ntIdentification		ntIdentification	additional information
			necessary to identify the
			standard business document.
TpirPipIdentificati	1	TpirPipIdentificati	The object specifies all
on		on	information necessary to
			uniquely identify a TPIR-PIP
			within a Registry or trading
			partner repository.

### 5.8 DocumentInformation

The object specifies information to identify the business document, a summary of attachments, and information about the business document security.

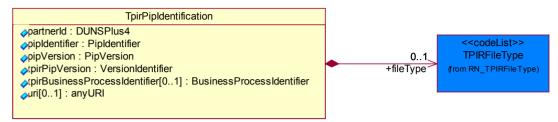


Figure 5-7 DocumentInformation

Attribute	Туре	Documentation
creation	dateTime	The creation date and time of the specified Business Document (i.e. the Purchase Order date).

Composition	Cardinality	Туре	Documentation
DocumentIdentifi cation	1	DocumentIdentific ation	The object specifies all information necessary to identify the business document.
DocumentSecurit y	01	DocumentSecurity	The object provides additional granularity in specifying business document security (this is in addition to the specified PIP security).
DocumentManifes t	01	DocumentManifes t	The block provides a brief summary of attachments and Service Content.

### 5.9 DocumentManifest

The block provides a brief summary of attachments and Service Content.

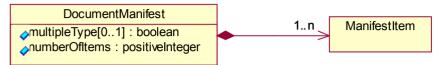


Figure 5-8 DocumentManifest

Attribute	Туре	Documentation
multipleType[01]	boolean	Indicates whether the manifest contains documents of multiple types. True if yes, and False if no.
numberOfItems	positiveIntege r	Total number of documents in the message. The physical count of the attachments in the payload plus the RosettaNet Business Message (for Service Content). The value of this field will be at least 1.

Composition	Cardinality	Туре	Documentation
ManifestItem	1n	ManifestItem	The object provides details about the specific
			attachment(s).

## **5.10 DocumentSecurity**

The object provides additional granularity in specifying business document security (this is in addition to the specified PIP security).

```
StandardDocumentIdentification

    standard[0..1] : string
    version : string
```

Figure 5-9 DocumentSecurity

Attribute	Туре	Documentation
nonRepudiableReceipt	boolean	The value "true" will indicate that a signed acknowledgement for the business document is necessary.
persistentEncryption	boolean	The value "true" will indicate that the Business Document (including the header) needs to be encrypted when stored or transported.
persistentSignature	boolean	The value "true" will indicate that a signature is required to be stored with the document while stored or transported.

### 5.11 ManifestItem

The object provides details about the specific attachment(s).

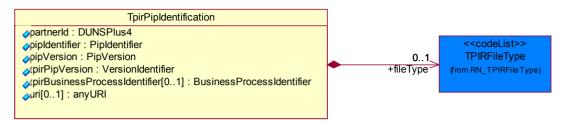


Figure 5-10 ManifestItem

Attribute	Туре	Documentation
description[01]	string	A description of the attachment.
length[01]	positiveInt eger	The size of the attachment in bytes (i.e. 1 000 000 bytes)
universalResourceIdentif ier	string	The generic set of all names/addresses that are short strings that refer to resources.

Composition	Cardinality	Туре	Documentation
mimeTypeQualifie	1	MimeTypeQualifie	The MIME type as defined by
r		r	IANA. Please refer to
			http://www.iana.org/assign
			ments/media-types/ for a
			list of types.
language	01	Language	For representation of
			Language name RosettaNet
			has adopted ISO 639-2;
			1998. Refer to the following
			web page to get the latest version of the standard:
			http://www.loc.gov/standard
			s/iso639-2/iso639jac.html .
			If you need more
			information about the ISO
			standard please contact ISO
			for more details.

## **5.12 PipIdentifier**

PIP Identification.[ i.e. PIP3A4]

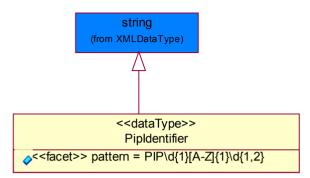


Figure 5-11 PipIdentifier

Attribute	Туре	Documentation
pattern		PIP\d{1}[A-Z]{1}\d{1,2}

## 5.13 PipVersion

PIP version number (i.e. 02.02.00).

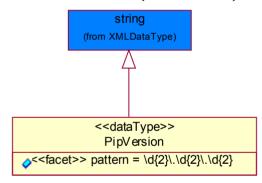


Figure 5-12 PipVersion

Attribute	Туре	Documentation
pattern		\d{2}\.\d{2}\.\d{2}

### 5.14 Receiver

The object allows the identification of the receiving party of the business message.

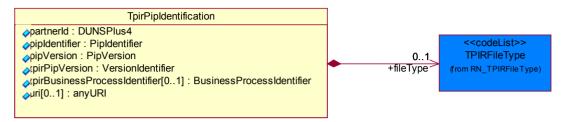


Figure 5-13 Receiver

Composition	Cardinality	Туре	Documentation
BusinessServiceIn formation	01	BusinessServiceIn formation	The object allows the specification of the business service utilized within the partner company. This may or may not be the same as the information sent by the RNIF.
PartnerIdentificati on	1	PartnerIdentificati on	The business document must allow for the identity of one or more parties to the transaction.
ContactInformatio n	0n	ContactInformatio n	The business document must allow for the identification of the name of the department, service or individual to be contacted regarding the context of the business document.

# **5.15** Requesting Document Information

A block of information used to correlate a requesting document to a responding document in an executing choreography.

```
StandardDocumentIdentification

standard[0..1] : string
version : string
```

Figure 5-14 RequestingDocumentInformation

Attribute	Туре	Documentation
businessProcessInstance Identifier[01]	string	The identifier for the public business process instance being sent that both the sender and receiver can identify.
responseDateTime[01]	dateTime	The expected time to receive the response. This can not be greater than the PIP TimeToPerform.

requestingDocumentCre	dateTime	The date-time of the requesting business
ationDateTime[01]		document.
requestingDocumentInst	string	The Business Document identification
anceIdentifier		number that identifies the requesting
		Business Document.

### 5.16 Sender

The object allows the identification of the initiating party of the business message.



Figure 5-15 Sender

Composition	Cardinality	Туре	Documentation
PartnerIdentificati on	1	PartnerIdentificati on	The business document must allow for the identity of one or more parties to the transaction.
BusinessServiceIn formation	01	BusinessServiceIn formation	The object allows the specification of the business service utilized within the partner company. This may or may not be the same as the information sent by the RNIF.
ContactInformatio n	0n	ContactInformatio n	The business document must allow for the identification of the name of the department, service or individual to be contacted regarding the context of the business document.

### 5.17 StandardDocumentIdentification

The object specifies additional information necessary to identify the standard business document.

```
StandardDocumentIdentification

    standard[0..1] : string
    version : string
```

Figure 5-16 StandardDocumentIdentification

Attribute	Туре	Documentation
standard[01]	string	Identifies the standard used to submit the business document. (e.g. RosettaNet).
version	string	PIP3A4v01.00

# 5.18 TpirPipIdentification

The object specifies all information necessary to uniquely identify a TPIR-PIP within a Registry or trading partner repository.

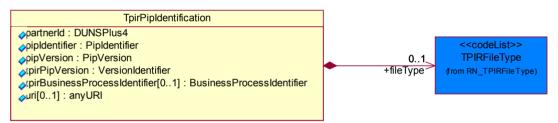


Figure 5-17 TpirPipIdentification

Attribute	Туре	Documentation
partnerId	DUNSPlus4	The Trading Partner Identification of MNC
		that is creating this TPIR PIP.
pipIdentifier	PipIdentifie	A TPIR PIP Identification [i.e., 3A4 ).
	r	
pipVersion	PipVersion	A TPIR PIP version number (i.e., 02.02.00)
tpirPipVersion	VersionIde	A TPIR-PIP Version Number (i.e., major and
	ntifier	minor version number as XX.XX).
tpirBusinessProcessIdent ifier[01]	BusinessPr ocessIdenti fier	A Business Process Identifier to uniquely define the TPIR-PIP 'role' within a Business Scenario at a company or MNC level. The identifier MUST be composed of alphanumeric characters only and its length MUST be between one and twelve characters.
uri[01]	anyURI	Describes the destination uri for the TPIR form.

Composition	Cardinality	Туре	Documentation
fileType	01	TPIRFileType	Describes the file type of the
			TPIR form (PDF, XDP or XML).

### 5.19 VersionIdentifier

Version Number (i.e., major and minor version number as XX.XX).

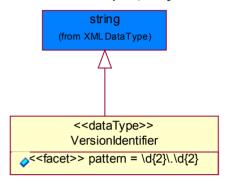


Figure 5-18 VersionIdentifier

Attribute	Туре	Documentation
pattern		\d{2}\.\d{2}

### 5.20 CodeList

## 5.20.1 TPIRFileType

A code identifying the file type of TPIR form.

Name	Documentation
PDF	Portable Document Format.
XDP	XML Data Package.
XML	eXtensible Markup Language.

# 6. XML Data Type

### 6.1 anyURI

Represents a URI as defined by RFC 2396. An anyURI value can be absolute or relative, and may have an optional fragment identifier.

### 6.2 boolean

Represents Boolean values, which are either "true" or "false".

### 6.3 date

For the represents a calendar date.

The pattern for a date is CCYY-MM-DD where CC represents the century, YY the year, MM the month, and DD the day, with an optional time zone indicator as allowed for dateTime.

#### 6.4 dateTime

Represents a specific instance of time.

The pattern for dateTime is CCYY-MM-DDThh:mm:ss where CC represents the century, YY the year, MM the month, and DD the day, preceded by an optional leading negative (-) character to indicate a negative number. If the negative character is omitted, positive (+) is assumed. The T is the date/time separator and hh, mm, and ss represent hour, minute, and second respectively. Additional digits can be used to increase the precision of fractional seconds if desired. For example, the format ss.ss... with any number of digits after the decimal point is supported. The fractional seconds part is optional.

This representation may be immediately followed by a "Z" to indicate Coordinated Universal Time (UTC) or to indicate the time zone. For example, 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 (minutes is required). If the time zone is included, both hours and minutes must be present.

### 6.5 float

Represents single-precision 32-bit floating-point numbers.

## 6.6 positiveInteger

Represents an integer that is greater than zero. This data type is derived from nonNegativeInteger.

## 6.7 string

Represents character string.