

INVENTORY REPORT NOTIFICATION GUIDELINE FOR PIP 4C1 (OUTBOUND)

Cluster 4: Inventory Management Segment C: Inventory Reporting

PIP 4C1: Distribute Inventory Report
Business Message: InventoryReportNotification

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V02.01.00

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Business Message

InventoryReportNotification

Property	Value
Definition	Contains inventory status and quantity data for a given reporting period. The inventory status of a product is reported in various categories, e.g., quantity at a location, quantity owned, quantity in transit between locations and details of the raw materials.

Message Tree

Seq	Cardinality	InventoryReportNotification	Type	Modified
1	1	+-fromRole	BP	x
1	1	'-PartnerRoleDescription	BDE	x
2	1	+-ContactInformation	BDE	x
3	1	+-contactName	BP	x
3	1	'-FreeFormText	FBDE	x
4	1	+-EmailAddress	FBDE	x
5	0..1	+-facsimileNumber	BP	x
6	1	'-telephoneNumber	BP	x
6	1	'-CommunicationsNumber	FBDE	x
7	1	+-GlobalPartnerRoleClassificationCode	FBDE	x
8	1	'-PartnerDescription	BDE	x
9	1	+-BusinessDescription	BDE	x
10	1	+-GlobalBusinessIdentifier	FBDE	x
11	1	'-GlobalSupplyChainCode	FBDE	x
12	1	'-GlobalPartnerClassificationCode	FBDE	x
13	1	+-GlobalDocumentFunctionCode	FBDE	x
14	1	+-InventoryReport	BDE	x
15	1	+-inventoryReportDateTime	BP	x
15	1	'-DateTimeStamp	FBDE	x
16	1..n	'-InventoryReportLineItem	BDE	x
17	0..n	+-DocumentReference	BDE	x
22	1	+-GlobalProductUnitOfMeasureCode	FBDE	x
23	0..n	+-IntraCompanyTransfer	BDE	x
84	1	+-inventoryLocation	BP	x
84	1	'-PartnerDescription	BDE	x
85	1	+-BusinessDescription	BDE	x
86	0..1	+-businessName	BP	x
86	1	'-FreeFormText	FBDE	x
87	0..1	+-GlobalBusinessIdentifier	FBDE	x
88	0..n	'-PartnerBusinessIdentification	BDE	x
92	0..1	+-ContactInformation	BDE	x
97	1	+-GlobalPartnerClassificationCode	FBDE	x
98	1	'-PhysicalLocation	BDE	x
99	0..1	+-GlobalLocationIdentifier	FBDE	x
100	0..n	+-PartnerLocationIdentification	BDE	x
104	0..1	'-PhysicalAddress	BDE	x
113	0..1	+-inventoryOwner	BP	x
113	1	'-BusinessDescription	BDE	x
114	0..1	+-businessName	BP	x
114	1	'-FreeFormText	FBDE	x
115	0..1	+-GlobalBusinessIdentifier	FBDE	x
116	0..n	'-PartnerBusinessIdentification	BDE	x
117	1	+-ProprietaryBusinessIdentifier	FBDE	x
118	1	+-ProprietaryDomainIdentifier	FBDE	x
119	0..1	'-ProprietaryIdentifierAuthority	FBDE	x
120	1..n	+-InventoryProductQuantity	BDE	x
121	1	+-GlobalInventoryCode	FBDE	x
122	0..n	+-InventoryItemIdentification	BDE	x
128	1	'-ProductQuantity	FBDE	x
129	1	'-ProductIdentification	BDE	x

130	0..1		+-GlobalProductIdentifier	FBDE	x
131	0..n		'-PartnerProductIdentification	BDE	x
132	1		+-GlobalPartnerClassificationCode	FBDE	x
133	1		+-ProprietaryProductIdentifier	FBDE	x
134	0..1		'-revisionIdentifier	BP	x
135	1		+-thisDocumentGenerationDateTime	BP	x
135	1		'-DateTimeStamp	FBDE	x
136	1		+-thisDocumentIdentifier	BP	x
136	1		'-ProprietaryDocumentIdentifier	FBDE	x
137	1		'-toRole	BP	x
137	1		'-PartnerRoleDescription	BDE	x
138	0..1		+-ContactInformation	BDE	x
139	1		+-contactName	BP	x
139	1		'-FreeFormText	FBDE	x
140	1		+-EmailAddress	FBDE	x
141	0..1		+-facsimileNumber	BP	x
142	1		'-telephoneNumber	BP	x
142	1		'-CommunicationsNumber	FBDE	x
143	1		+-GlobalPartnerRoleClassificationCode	FBDE	x
144	1		'-PartnerDescription	BDE	x
145	1		+-BusinessDescription	BDE	x
146	1		+-GlobalBusinessIdentifier	FBDE	x
147	1		'-GlobalSupplyChainCode	FBDE	x
148	1		'-GlobalPartnerClassificationCode	FBDE	x

Guideline information

This section presents entity's meanings/uses different from the values defined in the dictionary section of this document.

Note: Properties that have differences are marked as Modified. If the Modified flag points to a sub-table, it means its contents has changed. If there are no other flags in the sub-table then some of the contents have been excluded/deleted.

1: fromRole				BusinessProperty	
Property	Value			Modified	
Definition	The role initiating a business document exchange.				
User Notes	Mandatory BP.			x	
	TI Information.				
Children	Cardinality	Entity	Type	Modified	
	1	PartnerRoleDescription	BDE		

1: PartnerRoleDescription				BusinessDataEntity	
Property	Value			Modified	
Definition	The collection of business properties that describe a business partners' role in a partner interface process.				
User Notes	Mandatory BDE			x	
Children	Cardinality	Entity	Type	Modified	
	1	ContactInformation	BDE	x	
	1	GlobalPartnerRoleClassificationCode	FBDE		
	1	PartnerDescription	BDE		

2: ContactInformation				BusinessDataEntity	
Property	Value			Modified	
Definition	"The collection of business properties that provide communication and address information for contacting a person, organization or business."				
User Notes	Mandatory BDE.			x	
	The Entity facsimileNumber is not used.				
Children	Cardinality	Entity	Type	Modified	
	1	contactName	BP		
	1	EmailAddress	FBDE	x	
	0..1	facsimileNumber	BP		
	1	telephoneNumber	BP		

3: contactName				BusinessProperty	
Property	Value			Modified	
Definition	Name of the contact person(s) within the organization.				
User Notes	Mandatory BP			x	
Children	Cardinality	Entity	Type	Modified	
	1	FreeFormText	FBDE		

3: FreeFormText				FundamentalBusinessDataEntity	
Property	Value			Modified	
Definition	Unformatted text.				
Data Type	String				
Min Size	1				
Max Size					
Representation					
User Notes	Mandatory FBDE.			x	
	"TI Customer Service"				
	TI Contact Name				

4: EmailAddress		FundamentalBusinessDataEntity	
Property	Value	Modified	
Definition	Electronic mail address.		
Data Type	String		
Min Size	1		
Max Size			
Representation			
User Notes	Mandatory FBDE	x	
	TI Email Address		

5: facsimileNumber		BusinessProperty	
Property	Value	Modified	
Definition	The numerical schema designed to achieve contact via facsimile.		
User Notes	Optional BP.	x	
	Not used.		
Children			

6: telephoneNumber		BusinessProperty								
Property	Value	Modified								
Definition	The numerical schema designed to achieve contact via telephone.									
User Notes	Mandatory BP	x								
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CommunicationsNumber</td> <td>FBDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	1	CommunicationsNumber	FBDE		
Cardinality	Entity	Type	Modified							
1	CommunicationsNumber	FBDE								

6: CommunicationsNumber		FundamentalBusinessDataEntity	
Property	Value	Modified	
Definition	The electro-technical communication number, e.g., telephone number, facsimile number, pager number.		
Data Type	String		
Min Size	1		
Max Size	30		
Representation	X(30)		
User Notes	Mandatory FBDE	x	
	TI customer service phone no		

7: GlobalPartnerRoleClassificationCode		FundamentalBusinessDataEntity						
Property	Value	Modified						
Definition	Code identifying a party's role in the supply chain.							
Data Type	String							
Min Size	1							
Max Size								
Representation								
User Notes	Mandatory FBDE.	x						
Instances	<table border="1"> <thead> <tr> <th>Instances</th> <th>Definition</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Inventory Information Provider</td> <td>An organization that owns or holds inventory and provides information about this inventory to partners in the supply chain. This may be a distributor, contract manufacturer, supplier or OEM reporting inventory that they hold and/or own.</td> <td>x</td> </tr> </tbody> </table>	Instances	Definition	Modified	Inventory Information Provider	An organization that owns or holds inventory and provides information about this inventory to partners in the supply chain. This may be a distributor, contract manufacturer, supplier or OEM reporting inventory that they hold and/or own.	x	x
Instances	Definition	Modified						
Inventory Information Provider	An organization that owns or holds inventory and provides information about this inventory to partners in the supply chain. This may be a distributor, contract manufacturer, supplier or OEM reporting inventory that they hold and/or own.	x						

8: PartnerDescription		BusinessDataEntity								
Property	Value	Modified								
Definition	The collection of business properties that describe a business partners' identity and their function in a supply chain.									
User Notes	Mandatory BDE.	x								
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BusinessDescription</td> <td>BDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	1	BusinessDescription	BDE		x
Cardinality	Entity	Type	Modified							
1	BusinessDescription	BDE								

1	GlobalPartnerClassificationCode	FBDE
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9: BusinessDescription **BusinessDataEntity**

Property	Value	Modified												
Definition	The collection of business properties that describe a business identity and location.													
User Notes	Mandatory BDE	x												
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GlobalBusinessIdentifier</td> <td>FBDE</td> <td>x</td> </tr> <tr> <td>1</td> <td>GlobalSupplyChainCode</td> <td>FBDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	1	GlobalBusinessIdentifier	FBDE	x	1	GlobalSupplyChainCode	FBDE		x
	Cardinality	Entity	Type	Modified										
	1	GlobalBusinessIdentifier	FBDE	x										
1	GlobalSupplyChainCode	FBDE												

10: GlobalBusinessIdentifier **FundamentalBusinessDataEntity**

Property	Value	Modified
Definition	A unique business identifier. The DUNS number is specified by RosettaNet.	
DataType	Integer	
Min Size	9	
Max Size	9	
Representation	9(9)	
User Notes	Mandatory FBDE. "007321904" Global TI DUNs number.	x

11: GlobalSupplyChainCode **FundamentalBusinessDataEntity**

Property	Value	Modified						
Definition	Code identifying the supply chain for the partner's function.							
DataType	String							
Min Size	1							
Max Size								
Representation								
User Notes	Mandatory FBDE	x						
Instances	<table border="1"> <thead> <tr> <th>Instances</th> <th>Definition</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Electronic Components</td> <td>The electronic components supply chain.</td> <td></td> </tr> </tbody> </table>	Instances	Definition	Modified	Electronic Components	The electronic components supply chain.		x
	Instances	Definition	Modified					
Electronic Components	The electronic components supply chain.							

12: GlobalPartnerClassificationCode **FundamentalBusinessDataEntity**

Property	Value	Modified						
Definition	Code identifying a partner's function in the supply chain.							
DataType	String							
Min Size	1							
Max Size								
Representation								
User Notes	Mandatory FBDE	x						
Instances	<table border="1"> <thead> <tr> <th>Instances</th> <th>Definition</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Manufacturer</td> <td>Product manufacturer in supply chain.</td> <td></td> </tr> </tbody> </table>	Instances	Definition	Modified	Manufacturer	Product manufacturer in supply chain.		x
	Instances	Definition	Modified					
Manufacturer	Product manufacturer in supply chain.							

13: GlobalDocumentFunctionCode **FundamentalBusinessDataEntity**

Property	Value	Modified						
Definition	Code identifying the function of a document as either a request or a response.							
DataType	String							
Min Size	1							
Max Size								
Representation								
User Notes	Mandatory FBDE	x						
Instances	<table border="1"> <thead> <tr> <th>Instances</th> <th>Definition</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Request</td> <td>The business document is a request for a business action to be performed by a partner.</td> <td></td> </tr> </tbody> </table>	Instances	Definition	Modified	Request	The business document is a request for a business action to be performed by a partner.		x
	Instances	Definition	Modified					
Request	The business document is a request for a business action to be performed by a partner.							

14: InventoryReport **BusinessDataEntity**

Property	Value	Modified
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Definition	The collection of business properties that describe a product in inventory at a specific point in time.			
User Notes	Mandatory BDE			x
Children	Cardinality	Entity	Type	Modified
	1	inventoryReportDateTime	BP	
	1..n	InventoryReportLineItem	BDE	

15: inventoryReportDateTime			BusinessProperty	
Property	Value			Modified
Definition	The date and time stamp for which inventory information is captured for reporting.			
User Notes	Mandatory BP			x
Children	Cardinality	Entity	Type	Modified
	1	DateTimeStamp	FBDE	x

15: DateTimeStamp			FundamentalBusinessDataEntity	
Property	Value			Modified
Definition	Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss			
Data Type	DateTime			
Min Size	13			
Max Size	20			
Representation	9(8)X9(6)V9(3)X			
User Notes	Mandatory FBDE			x
	Date and Timestamp when application data is generated.			

16: InventoryReportLineItem			BusinessDataEntity	
Property	Value			Modified
Definition	The collection of business properties that describe a product entry on an inventory report.			
User Notes	Mandatory BDE.			x
	The following Entities are not used:			
	DocumentReference			
	IntraCompanyTransfer			
Children	Cardinality	Entity	Type	Modified
	0..n	DocumentReference	BDE	
	1	GlobalProductUnitOfMeasureCode	FBDE	
	0..n	IntraCompanyTransfer	BDE	
	1	inventoryLocation	BP	
	0..1	inventoryOwner	BP	
	1..n	InventoryProductQuantity	BDE	
1	ProductIdentification	BDE		

17: DocumentReference			BusinessDataEntity	
Property	Value			Modified
Definition	The collection of business properties that allows the description of multiple proprietary documents.			
User Notes	Optional BDE.			x
	This Entity is not used			
Children				

22: GlobalProductUnitOfMeasureCode			FundamentalBusinessDataEntity	
Property	Value			Modified
Definition	Code identifying a product unit of measure.			
Data Type	String			
Min Size	1			
Max Size				

Representation				
User Notes	Mandatory FBDE			x
Instances	Instances	Definition	Modified	x
	Each			

23: IntraCompanyTransfer		BusinessDataEntity		
Property	Value			Modified
Definition	The collection of business properties that describes a quantity of product stock in transit within a partner.			
User Notes	Optional BDE.			x
	This Entity is not used			
Children				

84: inventoryLocation		BusinessProperty		
Property	Value			Modified
Definition	The party where the inventory product entry is located.			
User Notes	Mandatory BP			x
Children	Cardinality	Entity	Type	Modified
	1	PartnerDescription	BDE	

84: PartnerDescription		BusinessDataEntity		
Property	Value			Modified
Definition	The collection of business properties that describe a business partners' identity and their function in a supply chain.			
User Notes	Mandatory BDE.			x
	The Entity ContactInformation is not used.			
Children	Cardinality	Entity	Type	Modified
	1	BusinessDescription	BDE	
	0..1	ContactInformation	BDE	
	1	GlobalPartnerClassificationCode	FBDE	
	1	PhysicalLocation	BDE	

85: BusinessDescription		BusinessDataEntity		
Property	Value			Modified
Definition	The collection of business properties that describe a business identity and location.			
Constraint 1	At least one occurrence of GlobalBusinessIdentifier or PartnerBusinessIdentification is mandatory.			x
User Notes	Mandatory BDE.			x
	The Entity PartnerBusinessIdentification is not used.			
Children	Cardinality	Entity	Type	Modified
	0..1	businessName	BP	
	0..1	GlobalBusinessIdentifier	FBDE	
	0..n	PartnerBusinessIdentification	BDE	

86: businessName		BusinessProperty		
Property	Value			Modified
Definition	The name of a business entity.			
User Notes	Optional BP			x
Children	Cardinality	Entity	Type	Modified
	1	FreeFormText	FBDE	

86: FreeFormText		FundamentalBusinessDataEntity		
Property	Value			Modified
Definition	Unformatted text.			
Data Type	String			
Min Size	1			
Max Size				

Representation		
User Notes	Mandatory FBDE.	x
	Name of the TI business entity that holds the inventory	

87: GlobalBusinessIdentifier		FundamentalBusinessDataEntity
Property	Value	Modified
Definition	A unique business identifier. The DUNS number is specified by RosettaNet.	
Data Type	Integer	
Min Size	9	
Max Size	9	
Representation	9(9)	
User Notes	Optional FBDE	x
	TI Product Distribution Center DUNs number.	

88: PartnerBusinessIdentification		BusinessDataEntity
Property	Value	Modified
Definition	The collection of business properties that allow for the proprietary identification of a business entity.	
User Notes	Optional BDE.	x
	This Entity is not used.	
Children		

92: ContactInformation		BusinessDataEntity
Property	Value	Modified
Definition	"The collection of business properties that provide communication and address information for contacting a person, organization or business."	
User Notes	Optional BDE.	x
	This Entity is not used.	
Children		x

97: GlobalPartnerClassificationCode		FundamentalBusinessDataEntity						
Property	Value	Modified						
Definition	Code identifying a partner's function in the supply chain.							
Data Type	String							
Min Size	1							
Max Size								
Representation								
User Notes	Mandatory FBDE.	x						
Instances	<table border="1"> <thead> <tr> <th>Instances</th> <th>Definition</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Manufacturer</td> <td>Product manufacturer in supply chain.</td> <td>x</td> </tr> </tbody> </table>	Instances	Definition	Modified	Manufacturer	Product manufacturer in supply chain.	x	x
Instances	Definition	Modified						
Manufacturer	Product manufacturer in supply chain.	x						

98: PhysicalLocation		BusinessDataEntity																
Property	Value	Modified																
Definition	"The collection of business properties that identify and describe the actual physical location of an entity as prescribed by local postal authorities, including country identification."																	
Constraint 1	At least one occurrence of GlobalLocationIdentifier, PartnerLocationIdentification or PhysicalAddress is mandatory. Multiple instances of PartnerLocationIdentification can be provided.	x																
User Notes	Mandatory BDE.	x																
	The following Entities are not used:																	
	PartnerLocationIdentification																	
	PhysicalAddress																	
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>0..1</td> <td>GlobalLocationIdentifier</td> <td>FBDE</td> <td></td> </tr> <tr> <td>0..n</td> <td>PartnerLocationIdentification</td> <td>BDE</td> <td></td> </tr> <tr> <td>0..1</td> <td>PhysicalAddress</td> <td>BDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	0..1	GlobalLocationIdentifier	FBDE		0..n	PartnerLocationIdentification	BDE		0..1	PhysicalAddress	BDE		
Cardinality	Entity	Type	Modified															
0..1	GlobalLocationIdentifier	FBDE																
0..n	PartnerLocationIdentification	BDE																
0..1	PhysicalAddress	BDE																

99: GlobalLocationIdentifier		FundamentalBusinessDataEntity	
Property	Value	Modified	
Definition	Location uniquely identified by the DUNS +4 number.		
Data Type	Integer		
Min Size	13		
Max Size	13		
Representation	9(13)		
User Notes	Optional FBDE TI Product Distribution Center DUNS number (PDC).	x	

100: PartnerLocationIdentification		BusinessDataEntity	
Property	Value	Modified	
Definition	The collection of business properties that allow for the proprietary identification of a business location.		
User Notes	Optional BDE. This Entity is not used.	x	
Children			

104: PhysicalAddress		BusinessDataEntity	
Property	Value	Modified	
Definition	"The actual physical location of an entity as prescribed by local postal authorities, including country identification as it relates to the party or a product."		
Constraint 1	At least one occurrence of addressLine1, addressLine2, addressLine3, cityName, GlobalCountryCode, NationalPostalCode, postOfficeBoxIdentifier or regionName is mandatory.	x	
User Notes	Optional BDE. This Entity is not used.	x	
Children			

113: inventoryOwner		BusinessProperty								
Property	Value	Modified								
Definition	The party that owns the inventory product entry.									
User Notes	Optional BP.	x								
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BusinessDescription</td> <td>BDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	1	BusinessDescription	BDE		
Cardinality	Entity	Type	Modified							
1	BusinessDescription	BDE								

113: BusinessDescription		BusinessDataEntity																
Property	Value	Modified																
Definition	The collection of business properties that describe a business identity and location.																	
Constraint 1	At least one occurrence of GlobalBusinessIdentifier or PartnerBusinessIdentification is mandatory.	x																
User Notes	Mandatory BDE	x																
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>0..1</td> <td>businessName</td> <td>BP</td> <td></td> </tr> <tr> <td>0..1</td> <td>GlobalBusinessIdentifier</td> <td>FBDE</td> <td></td> </tr> <tr> <td>0..n</td> <td>PartnerBusinessIdentification</td> <td>BDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	0..1	businessName	BP		0..1	GlobalBusinessIdentifier	FBDE		0..n	PartnerBusinessIdentification	BDE		x
Cardinality	Entity	Type	Modified															
0..1	businessName	BP																
0..1	GlobalBusinessIdentifier	FBDE																
0..n	PartnerBusinessIdentification	BDE																

114: businessName		BusinessProperty								
Property	Value	Modified								
Definition	The name of a business entity.									
User Notes	Optional BP	x								
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FreeFormText</td> <td>FBDE</td> <td></td> </tr> </tbody> </table>	Cardinality	Entity	Type	Modified	1	FreeFormText	FBDE		
Cardinality	Entity	Type	Modified							
1	FreeFormText	FBDE								

114: FreeFormText		FundamentalBusinessDataEntity	
Property	Value	Modified	

Definition	Unformatted text.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
User Notes	Mandatory FBDE. "TEXAS INSTRUMENTS" Name of the TI business entity that legally owns the inventory.	x

115: GlobalBusinessIdentifier		FundamentalBusinessDataEntity
Property	Value	Modified
Definition	A unique business identifier. The DUNS number is specified by RosettaNet.	
Data Type	Integer	
Min Size	9	
Max Size	9	
Representation	9(9)	
User Notes	Optional FBDE "007321904" TI DUNs number. DUNs number of the partner who owns the inventory.	x

116: PartnerBusinessIdentification		BusinessDataEntity	
Property	Value	Modified	
Definition	The collection of business properties that allow for the proprietary identification of a business entity.		
User Notes	Optional BDE. The Entity ProprietaryIdentifierAuthority is not used.	x	
Children	Cardinality	Entity	Type Modified
	1	ProprietaryBusinessIdentifier	FBDE
	1	ProprietaryDomainIdentifier	FBDE
	0..1	ProprietaryIdentifierAuthority	FBDE

117: ProprietaryBusinessIdentifier		FundamentalBusinessDataEntity
Property	Value	Modified
Definition	A unique business identifier assigned and administered by a private authority.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
User Notes	Mandatory FBDE "TEXAS INSTRUMENTS"	x

118: ProprietaryDomainIdentifier		FundamentalBusinessDataEntity
Property	Value	Modified
Definition	A descriptor that is used to categorize an organization or business entity that is in the Proprietary Business Identifier.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
User Notes	Mandatory FBDE. "TEXAS INSTRUMENTS"	x

119: ProprietaryIdentifierAuthority		FundamentalBusinessDataEntity
Property	Value	Modified
Definition	A unique name that identifies an organization or business entity that is responsible for managing one or more lists of	

	identifiers.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
User Notes	Optional FBDE.	x
	Not used.	

120: InventoryProductQuantity		BusinessDataEntity	
Property	Value	Modified	
Definition	The collection of business properties that describe the various types of product quantity held in inventory.		
User Notes	Mandatory BDE.		x
	The Entity InventoryItemIdentification is not used.		
Children	Cardinality	Entity	Type Modified
	1	GlobalInventoryCode	FBDE
	0..n	InventoryItemIdentification	BDE
	1	ProductQuantity	FBDE

121: GlobalInventoryCode		FundamentalBusinessDataEntity	
Property	Value	Modified	
Definition	Code identifying the inventory status of a quantity of product.		
Data Type	String		
Min Size	1		
Max Size			
Representation			
User Notes	Mandatory FBDE.		x
Instances	Instances	Definition	Modified
		Finished Goods	

122: InventoryItemIdentification		BusinessDataEntity	
Property	Value	Modified	
Definition	The collection of business properties that describes an individual item held in inventory.		
Constraint 1	At least one occurrence of countryOfOrigin, ProprietaryLotIdentifier, manufactureDate, or SerialNumberIdentification is mandatory. If InventoryItemIdentification occurrence is used to identify the attributes of an inventory item, there must be a separate InventoryItemIdentification occurrence for each item. The total number of InventoryItemIdentification occurrences must equal the ProductQuantity.		x
User Notes	Optional BDE.		x
	This Entity is not used.		
Children			

128: ProductQuantity		FundamentalBusinessDataEntity	
Property	Value	Modified	
Definition	A quantity specifying the number of product units.		
Data Type	Real		
Min Size	1		
Max Size			
Representation			
User Notes	Mandatory FBDE.		x
	This Entity is the quantity pertaining to the code on ine 129.		

129: ProductIdentification		BusinessDataEntity	
Property	Value	Modified	
Definition	The collection of business properties that describe proprietary and global identifier information regarding a product.		
Constraint 1	At least one occurrence of GlobalProductIdentifier or PartnerProductIdentification is mandatory.		x
User Notes	Mandatory BDE.		x

Children	The Entity GlobalProductIdentifier is not used.			
	Cardinality	Entity	Type	Modified
	0..1	GlobalProductIdentifier	FBDE	
	0..n	PartnerProductIdentification	BDE	

130: GlobalProductIdentifier **FundamentalBusinessDataEntity**

Property	Value	Modified
Definition	Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).	
Data Type	String	
Min Size	14	
Max Size	14	
Representation	9(14)	
User Notes	Optional FBDE.	x
	This Entity is not used.	

131: PartnerProductIdentification **BusinessDataEntity**

Property	Value	Modified	
Definition	The collection of business properties that describe proprietary part information.		
User Notes	Optional BDE.	x	
	The Entity revisionIdentifier is not used.		
Children	Cardinality Entity		Type Modified
	1	GlobalPartnerClassificationCode	FBDE
	1	ProprietaryProductIdentifier	FBDE
	0..1	revisionIdentifier	BP

132: GlobalPartnerClassificationCode **FundamentalBusinessDataEntity**

Property	Value	Modified
Definition	Code identifying a partner's function in the supply chain.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
User Notes	Mandatory FBDE.	x
Instances	Instances Definition	Modified
	Manufacturer Product manufacturer in supply chain.	

133: ProprietaryProductIdentifier **FundamentalBusinessDataEntity**

Property	Value	Modified
Definition	An internal identifier used to identify a product.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
User Notes	Mandatory FBDE.	x
	TI Product Number	

134: revisionIdentifier **BusinessProperty**

Property	Value	Modified
Definition	Free form text that identifies a revision to a proprietary serial number.	
User Notes	Optional BP.	x
	This Entity is not used.	
Children		

135: thisDocumentGenerationDateTime				BusinessProperty	
Property	Value			Modified	
Definition	The date-time stamp indicating when this document was generated.				
User Notes	Mandatory BP.				x
Children	Cardinality	Entity	Type	Modified	x
	1	DateTimeStamp	FBDE	x	

135: DateTimeStamp				FundamentalBusinessDataEntity	
Property	Value			Modified	
Definition	Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss				
Data Type	DateTime				
Min Size	13				
Max Size	20				
Representation	9(8)X9(6)V9(3)X				
User Notes	Mandatory FBDE.				x
	PIP Creation Date and Timestamp				

136: thisDocumentIdentifier				BusinessProperty	
Property	Value			Modified	
Definition	Unique tracking identification number that identifies the business document being sent.				
User Notes	Mandatory BP				x
Children	Cardinality	Entity	Type	Modified	
	1	ProprietaryDocumentIdentifier	FBDE		

136: ProprietaryDocumentIdentifier				FundamentalBusinessDataEntity	
Property	Value			Modified	
Definition	Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.				
Data Type	String				
Min Size	1				
Max Size					
Representation					
User Notes	Mandatory FBDE.				x
	Translation System Date and Time.INVRPT				

137: toRole				BusinessProperty	
Property	Value			Modified	
Definition	The role receiving the document in a business document exchange.				
User Notes	Mandatory BP.				x
	TP Information				
Children	Cardinality	Entity	Type	Modified	
	1	PartnerRoleDescription	BDE		

137: PartnerRoleDescription				BusinessDataEntity	
Property	Value			Modified	
Definition	The collection of business properties that describe a business partners' role in a partner interface process.				
User Notes	Mandatory BDE.				x
Children	Cardinality	Entity	Type	Modified	
	0..1	ContactInformation	BDE		
	1	GlobalPartnerRoleClassificationCode	FBDE		
	1	PartnerDescription	BDE		

138: ContactInformation				BusinessDataEntity	
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Property	Value	Modified			
Definition	"The collection of business properties that provide communication and address information for contacting a person, organization or business."				
User Notes	Optional BDE. The Entity facsimileNumber is not used.	x			
Children	Cardinality	Entity	Type	Modified	x
	1	contactName	BP		
	1	EmailAddress	FBDE	x	
	0..1	facsimileNumber	BP		
	1	telephoneNumber	BP		

139: contactName				BusinessProperty	
Property	Value			Modified	
Definition	Name of the contact person(s) within the organization.				
User Notes	Mandatory BP			x	
Children	Cardinality	Entity	Type	Modified	
	1	FreeFormText	FBDE		

139: FreeFormText				FundamentalBusinessDataEntity	
Property	Value			Modified	
Definition	Unformatted text.				
Data Type	String				
Min Size	1				
Max Size					
Representation					
User Notes	Mandatory FBDE. Trading Partner Contact Name			x	

140: EmailAddress				FundamentalBusinessDataEntity	
Property	Value			Modified	
Definition	Electronic mail address.				
Data Type	String				
Min Size	1				
Max Size					
Representation					
User Notes	Mandatory FBDE. Trading Partner email address			x	

141: facsimileNumber				BusinessProperty	
Property	Value			Modified	
Definition	The numerical schema designed to achieve contact via facsimile.				
User Notes	Optional BP. This Entity is not used.			x	
Children					

142: telephoneNumber				BusinessProperty	
Property	Value			Modified	
Definition	The numerical schema designed to achieve contact via telephone.				
User Notes	Mandatory BP			x	
Children	Cardinality	Entity	Type	Modified	
	1	CommunicationsNumber	FBDE		

142: CommunicationsNumber				FundamentalBusinessDataEntity	
Property	Value			Modified	

Definition	The electro-technical communication number, e.g., telephone number, facsimile number, pager number.		
Data Type	String		
Min Size	1		
Max Size	30		
Representation	X(30)		
User Notes	Mandatory FBDE.		x
	Trading Partner Contact Phone No.		

143: GlobalPartnerRoleClassificationCode **FundamentalBusinessDataEntity**

Property	Value			Modified
Definition	Code identifying a party's role in the supply chain.			
Data Type	String			
Min Size	1			
Max Size				
Representation				
User Notes	Mandatory FBDE.			x
Instances	Instances	Definition	Modified	x
	Inventory Information User	An employee or organization that uses information about inventory.	x	

144: PartnerDescription **BusinessDataEntity**

Property	Value			Modified
Definition	The collection of business properties that describe a business partners' identity and their function in a supply chain.			
User Notes	Mandatory BDE.			x
Children	Cardinality	Entity	Type	Modified
	1	BusinessDescription	BDE	
	1	GlobalPartnerClassificationCode	FBDE	

145: BusinessDescription **BusinessDataEntity**

Property	Value			Modified
Definition	The collection of business properties that describe a business identity and location.			
User Notes	Mandatory BDE.			x
Children	Cardinality	Entity	Type	Modified
	1	GlobalBusinessIdentifier	FBDE	x
	1	GlobalSupplyChainCode	FBDE	

146: GlobalBusinessIdentifier **FundamentalBusinessDataEntity**

Property	Value			Modified
Definition	A unique business identifier. The DUNS number is specified by RosettaNet.			
Data Type	Integer			
Min Size	9			
Max Size	9			
Representation	9(9)			
User Notes	Mandatory FBDE.			x
	Trading Partner DUNs number			

147: GlobalSupplyChainCode **FundamentalBusinessDataEntity**

Property	Value			Modified
Definition	Code identifying the supply chain for the partner's function.			
Data Type	String			
Min Size	1			
Max Size				
Representation				
User Notes	Mandatory FBDE			x
Instances	Instances	Definition	Modified	x

Electronic Components The electronic components supply chain.

148: GlobalPartnerClassificationCode		FundamentalBusinessDataEntity	
Property	Value		Modified
Definition	Code identifying a partner's function in the supply chain.		
Data Type	String		
Min Size	1		
Max Size			
Representation			
User Notes	Mandatory FBDE.		x
Instances	Instances	Definition	Modified
	End User	Product end user in supply chain.	
	Distributor	Product distributor in supply chain.	
	Contract Manufacturer	The party responsible for the services rendered.	
	Original Equipment Manufacturer	Product manufacturer of original equipment in the supply chain.	

Dictionary

This section lists all the entities in the message guideline in alphabetical order. The entry in the dictionary is the most complete definition of the entity. Though, it is possible that only part of entity definition is used in different parts of the message. The entity customized uses are listed in Guideline Information section of this document.

Note: Customized uses of the entity are shown with a modified flag in the Message Tree and are also listed in the Index under the 'Guideline pg #' column if any.

BusinessDescription		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that describe a business identity and location.		
Usage	Sequence # 9, 85, 113, 145		
Children	Cardinality	Entity	Type
	0..1	GlobalBusinessIdentifier	FBDE
	1	GlobalSupplyChainCode	FBDE
	0..1	businessName	BP
	0..n	PartnerBusinessIdentification	BDE

businessName		BusinessProperty	
Property	Value		
Definition	The name of a business entity.		
Usage	Sequence # 86, 114		
Children	Cardinality	Entity	Type
	1	FreeFormText	FBDE

CommunicationsNumber		FundamentalBusinessDataEntity	
Property	Value		
Definition	The electro-technical communication number, e.g., telephone number, facsimile number, pager number.		
Data Type	String		
Min Size	1		
Max Size	30		
Representation	X(30)		
Usage	Sequence # 6, 142		

ContactInformation		BusinessDataEntity	
Property	Value		
Definition	"The collection of business properties that provide communication and address information for contacting a person, organization or business."		
Usage	Sequence # 2, 92, 138		
Children	Cardinality	Entity	Type
	1	contactName	BP
	0..1	EmailAddress	FBDE
	0..1	facsimileNumber	BP
	1	telephoneNumber	BP

contactName		BusinessProperty	
Property	Value		
Definition	Name of the contact person(s) within the organization.		
Usage	Sequence # 3, 139		
Children	Cardinality	Entity	Type
	1	FreeFormText	FBDE

DateTimeStamp		FundamentalBusinessDataEntity	
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Property	Value
Definition	Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss
Data Type	DateTime
Min Size	13
Max Size	20
Representation	9(8)X9(6)V9(3)X
Usage	Sequence # 15, 135

DocumentReference		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that allows the description of multiple proprietary documents.		
Usage	Sequence # 17		
Children		Cardinality	Entity
		0..1	DateTimeStamp
		1	GlobalDocumentReferenceTypeCode
		0..1	LineItemNumber
		1	ProprietaryDocumentIdentifier
			Type
			FBDE
			FBDE
			FBDE
			FBDE

EmailAddress		FundamentalBusinessDataEntity	
Property	Value		
Definition	Electronic mail address.		
Data Type	String		
Min Size	1		
Max Size			
Representation			
Usage	Sequence # 4, 140		

facsimileNumber		BusinessProperty	
Property	Value		
Definition	The numerical schema designed to achieve contact via facsimile.		
Usage	Sequence # 5, 141		
Children		Cardinality	Entity
		1	CommunicationsNumber
			Type
			FBDE

FreeFormText		FundamentalBusinessDataEntity	
Property	Value		
Definition	Unformatted text.		
Data Type	String		
Min Size	1		
Max Size			
Representation			
Usage	Sequence # 3, 86, 114, 139		

fromRole		BusinessProperty	
Property	Value		
Definition	The role initiating a business document exchange.		
Usage	Sequence # 1		
Children		Cardinality	Entity
		1	PartnerRoleDescription
			Type
			BDE

GlobalBusinessIdentifier		FundamentalBusinessDataEntity	
Property	Value		
Definition	A unique business identifier. The DUNS number is specified by RosettaNet.		
Data Type	Integer		
Min Size	9		

Max Size	9
Representation	9(9)
Usage	Sequence # 10, 87, 115, 146

GlobalDocumentFunctionCode		FundamentalBusinessDataEntity
Property	Value	
Definition	Code identifying the function of a document as either a request or a response.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 13	
Instances	Instances	Definition
	Request	The business document is a request for a business action to be performed by a partner.
	Response	The business document is a response to a requesting partner.

GlobalInventoryCode		FundamentalBusinessDataEntity
Property	Value	
Definition	Code identifying the inventory status of a quantity of product.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 121	
Instances	Instances	Definition
	Available	
	Committed	
	Consigned	
	Defective	
	Finished Goods	
	In Transit Between Partners	
	In Transit Within Partner	
	Non-saleable	
	On Hold	
	Open Box	
	Quality Assurance	
	Raw	
	Work In Process	

GlobalLocationIdentifier		FundamentalBusinessDataEntity
Property	Value	
Definition	Location uniquely identified by the DUNS +4 number.	
Data Type	Integer	
Min Size	13	
Max Size	13	
Representation	9(13)	
Usage	Sequence # 99	

GlobalPartnerClassificationCode		FundamentalBusinessDataEntity
Property	Value	
Definition	Code identifying a partner's function in the supply chain.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 12, 97, 132, 148	
Instances	Instances	Definition

Shopper	Product shopper in supply chain.
End User Government	End user government.
End User	Product end user in supply chain.
Distributor	Product distributor in supply chain.
Freight Forwarder	Product freight forwarder for transporting goods in supply chain.
Carrier	Product carrier for transporting goods in supply chain.
Financier	Financial service provider in supply chain
Manufacturer	Product manufacturer in supply chain.
Retailer	Product retailer in supply chain.
Reseller	A party buys goods from a manufacturer and resells them to customers unchanged.
Broker	Representative of a third party.
Contract Manufacturer	The party responsible for the services rendered.
Original Equipment Manufacturer	Product manufacturer of original equipment in the supply chain.
Customs Broker	Product customs broker in supply chain.
Warehouser	Product warehouser in supply chain.
Distribution Center	Product distributor in supply chain.

GlobalPartnerRoleClassificationCode		FundamentalBusinessDataEntity
Property	Value	
Definition	Code identifying a party's role in the supply chain.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 7, 143	
Instances	Instances	Definition
	Financing Processor	The organization that processes the request for financing.
	Product Provider	The partner role that creates a differentiated product, owns the registration process and creates a list of eligible products.
	Credit Reference Requester	This partner role is responsible for requesting credit information about potential customers.
	Account Supplier	Any trading partner that buys or sells products/services from customers and/or vendors.
	Sales Marketing Claimant	The partner role that requests reimbursement from a Sales Marketing Claim Processor.
	Sales Lead Processor	The party who receives the sales lead. This party is responsible for accepting or rejecting the lead, and if accepted, reports the status of the lead.
	Sales Lead Originator	The party assigning a sales lead to another party.
	Status Requester	The functional partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).
	Payer	The party issuing a payment.
	Status Responder	The organizational partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).
	Return Receiver	A third-party or warehousing operation responsible for receiving returns, inspecting the package contents and comparing to the issued RMA to assure the contents are what was authorized on the RMA.
	Return Provider	The party responsible for authorizing and/or processing the return.
	Return Requester	Any party wishing to return a product. This role could be played by a large end-user such as the Government Services Administration (GSA), a distributor, or a reseller.
	Authorizer	The partner role that provides product authorization, from a product owner or manufacturer, for a reselling organization to resell a product.
	Anonymous Buyer	A requestor of information that chooses to remain anonymous.
	Payee	The party receiving a payment.

Seller	An organization that sells products to partners in the supply chain.
Solution Provider	The party that may architect, configure, engineer, sell, or determine the fulfillment of the configured solution to partners in the supply chain.
Sales Marketing Program Reimbursor	The partner role that is currently processing a sales marketing claim, (or providing a payment without a claim submitted) and who provides information on the status of the claim processing.
Shipment Information User	The party who receives shipment status information.
Supplier	This partner role supplies product to customers in the supply chain.
Sales Facilitator	This partner role facilitates the sale of product between partners in the supply chain.
Product Supplier	This partner role supplies product to customers in the supply chain.
Customer	This partner role creates a demand for a product or service.
Credit Provider	This partner role is responsible for providing credit information about potential customers.
Customer Manager	This partner role manages the relationship with the business customers.
Specification Provider	The partner role that creates or passes on manufacturing specifications. This may be a Solution Provider, an OEM who is sub-contracting manufacturing tasks like fabrication or assembly, or another party.
Buyer	An employee or organization that buys products for a partner type in the supply chain.
Product Information User	The partner role that uses product information to create or update enterprise systems and online promotion systems such as electronic catalog systems.
Product Information Distributor	The partner role that distributes new product information to product information users and buyers.
Marketing Activity Initiator	The partner role that distributes information about marketing activities being sponsored by the organization.
Marketing Activity Information User	The party who uses information about Marketing Activities. This party might include distributors, and retail operations.
Sales Marketing Claim Processor	The partner role that processes the claim and/or remits compensation to the Sales Marketing Claimant.
Demand Creator	The partner role responsible for identifying the opportunity; submits design registration; provides engineering support to advance the opportunity to the higher stage towards design win and to generate revenue.
Product Information Subscriber	The business partner that subscribes to product information from other business partners.
ShipmentController	The party who is authorized to make decisions regarding a shipment while in-transit.
Catalog Distributor	The partner role that distributes catalog information to catalog producers and buyers.
Catalog Producer	The partner role that produces catalog information for a partner type in the supply chain.
Tender Information User	The stakeholder(s) in the tendering activity.
Account User	Any trading partner that requires an account to buy or sell products/services.
Shipper	The party who relinquishes a shipment to a Transport Service Provider.
Claim Requester	The owner of the shipments who is responsible for the intact delivery.
Transport Service Provider	The party that provides transportation services for a Shipment Requester.
In-transit Information User	The party who receives shipment status information.
Appointment Provider	The stakeholder(s) in the shipment delivery activity.
Consignee	The receiver of the shipment.
Decision Stakeholder	The party (such as suppliers, customers and others) who is responsible for the review and approval of the Engineering Change Approval Request. The stakeholders may be from multiple organizations.
Invoice Receiver	The organization being invoiced.
Invoice Provider	The organization that generates the invoice.

Invoice Reject Receiver	The organization being issued an Invoice Reject Notification.
Shipment Requester	The party requesting transportation services.
Sales Marketing Program Reimbursement Recipient	The partner role that receives status on a previously submitted sales marketing claim, or who receives reimbursement without submitting a claim.
Product Distributor	The party authorized by a Product Supplier to purchase goods and services from the Product Supplier and resell to customers.
Implementation Plan Creator	The partner role that creates, maintains and manages an implementation plan associated with an Engineering Change Order.
Invoice Reject Provider	The organization that rejects an invoice.
Specification User	The partner role that uses a manufacturing specification. This might be a sub-contract assembler or fabricator.
Change Requester	A party who has an interest in requesting a review of a possible change to the component. The requester may be any party including customers and suppliers.
Forecast Owner	The party that creates a sales or order forecast and is ultimately responsible for it.
Forecast Recipient	The party that receives a sales or order forecast.
Delivery Appointment Provider	A party that receives a request for a change to a previously scheduled delivery appointment.
Solution Requester	This party that creates a demand for a product or service, or has contracted with a Solution Provider for the manufacture or fulfillment of a product(s).
Delivery Appointment Requester	A party that requests a change to a previously scheduled delivery appointment.
Change Review Forum	A party who has responsibility for the review of Engineering Change Requests and the drafting and review of Engineering Change Orders. The Change Review Forum is assumed to be at the company that has responsibility for the engineering aspects of the component affected by the change.
Stakeholder	The party that is required to implement an Engineering Change Order. The Stakeholder may include all levels of suppliers, customers or other parties. The Stakeholder may represent multiple organizations. The Stakeholder may draft and or be responsible for completing tasks in an implementation plan

GlobalProductIdentifier		FundamentalBusinessDataEntity
Property	Value	
Definition	Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).	
Data Type	String	
Min Size	14	
Max Size	14	
Representation	9(14)	
Usage	Sequence # 130	

GlobalProductUnitOfMeasureCode		FundamentalBusinessDataEntity
Property	Value	
Definition	Code identifying a product unit of measure.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 22	
Instances	Instances	Definition
	Each	
	Dozen	
	Shot	
	Sheet	
	Calorie	
	Bushel, Dry Imperial	
	Vial	

Wrap
Barrels Per Day
Can
Shipment
Pounds Per Piece of Product
Skein
Skid
Plate
Sleeve
Slip Sheet
Sheet-Metric measure
10,000 Gallon Tankcar
Spool
Reel
Ring
Rod
Sack
Rack
Pounds Per Foot
10 Kilogram Drum
Pound
Card
Carat
Car
Pounds Per Pound of Product
Pounds Per Gallon
Pounds Per 1000 Square Feet
Pounds Per Thousand
Grain
Grams Per Milliliter
Fuel Usage (Gallons)
Fluid Ounce
Fluid Ounce (Imperial)
Gage Systems
Gallon
Drum
Gill (Imperial)
Dram
Gram
Grams Per 100 Centimeters
Grams Per 100 Grams
Grams Per Cubic Centimeter
Grams Per Kilogram
Strip
Gigajoules
Cup
Coil
Coil Group
Composite Product Pounds (Total Weight)
Cone
Connector
Container
Dry Pounds
Crate
Grams Per Square Meter
Cycles
Cylinder
Deal
Disk (Disc)
Dispenser

Display
Cover
Tank
Grams Per Liter
Cassette
Cask
Case
Cartridge
Carton
Tote
Tank Truck
Catchweight
Tablet
Chest
Super Bulk Bag
Carload
Stick
Statute Mile
Pint U.S. Dry
Tray
Grams Per Square Centimeter
Great Gross (Dozen Gross)
Gross
Gross Barrels
Gross Gallons
Gross Kilogram
Torr
Truckload
Square
Train
Trailer
Chains (Land Survey)
Track Foot
Centipoise (CPS)
Cell
Tube
Ball
Batch
Basket
Hank
Heat lots
Hours
Hundred Boxes
Base Weight
Base Box
Barrels Per Minute
Barrel, Imperial
Barrel
Liquid Pounds
Band
Half Gallon
Hundred Count
Hundred Sheets
Hundredth of a Carat
Imperial Gallons
Jar
Joint
Lifts
Bag
Piece

Aluminum Pounds Only
Link
Bar
Bulk Car Load
Bin
Billet
Block
Board
Board Feet
Bolt
Bottle
Box
British Thermal Unit (BTU)
British Thermal Units (BTUs) Per Cubic Foot
British Thermal Units (BTUs) Per Pound
Half Liter
Bulk
Half Hour
Bulk Pack
Bundle
Bunks
Bushel
Gross Ton
Gross Yard
Belt
Beam
Batting Pound
Batt
Group
Bale
Bucket
20-Pack
Net Imperial Gallons
Net Liters
Load
Pack (PAK)
Packet
Pad
Pail
Pallet (Lift)
Pallet/Unit Load
Panel
Net Gallons
Pennyweight
300 Kilogram Bulk Bag
20,000 Gallon Tankcar
Percent
20 Foot Container
15 Kilogram Drum
115 Kilogram Drum
100-Pack
100 Pound Drum
100 Board Feet
Percent Per 1000 Hours
Percent Weight
25 Kilogram Bulk Bag
Megagrams Per Hour
500 Kilogram Bulk Bag
Milligrams Per Cubic Meter
Mat

Micrograms Per Cubic Meter
Milligrams Per Square Meter
Package
Million BTU's
55 Gallon Drum
Net Barrels
50 Pound Bag
40 Foot Container
Actual Pounds
Lug
Lot
Megagram
Millimeter H2O

GlobalSupplyChainCode		FundamentalBusinessDataEntity						
Property	Value							
Definition	Code identifying the supply chain for the partner's function.							
Data Type	String							
Min Size	1							
Max Size								
Representation								
Usage	Sequence # 11, 147							
Instances	<table border="1"> <thead> <tr> <th>Instances</th> <th>Definition</th> </tr> </thead> <tbody> <tr> <td>Information Technology</td> <td>The information technology supply chain.</td> </tr> <tr> <td>Electronic Components</td> <td>The electronic components supply chain.</td> </tr> </tbody> </table>		Instances	Definition	Information Technology	The information technology supply chain.	Electronic Components	The electronic components supply chain.
Instances	Definition							
Information Technology	The information technology supply chain.							
Electronic Components	The electronic components supply chain.							

IntraCompanyTransfer		BusinessDataEntity												
Property	Value													
Definition	The collection of business properties that describes a quantity of product stock in transit within a partner.													
Usage	Sequence # 23													
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>0..1</td> <td>inTransitFrom</td> <td>BP</td> </tr> <tr> <td>1</td> <td>inTransitQuantity</td> <td>BP</td> </tr> <tr> <td>0..1</td> <td>inTransitTo</td> <td>BP</td> </tr> </tbody> </table>		Cardinality	Entity	Type	0..1	inTransitFrom	BP	1	inTransitQuantity	BP	0..1	inTransitTo	BP
Cardinality	Entity	Type												
0..1	inTransitFrom	BP												
1	inTransitQuantity	BP												
0..1	inTransitTo	BP												

InventoryItemIdentification		BusinessDataEntity															
Property	Value																
Definition	The collection of business properties that describes an individual item held in inventory.																
Usage	Sequence # 122																
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>0..1</td> <td>countryOfOrigin</td> <td>BP</td> </tr> <tr> <td>0..1</td> <td>manufactureDate</td> <td>BP</td> </tr> <tr> <td>0..1</td> <td>ProprietaryLotIdentifier</td> <td>FBDE</td> </tr> <tr> <td>0..1</td> <td>SerialNumberIdentification</td> <td>BDE</td> </tr> </tbody> </table>		Cardinality	Entity	Type	0..1	countryOfOrigin	BP	0..1	manufactureDate	BP	0..1	ProprietaryLotIdentifier	FBDE	0..1	SerialNumberIdentification	BDE
Cardinality	Entity	Type															
0..1	countryOfOrigin	BP															
0..1	manufactureDate	BP															
0..1	ProprietaryLotIdentifier	FBDE															
0..1	SerialNumberIdentification	BDE															

inventoryLocation		BusinessProperty						
Property	Value							
Definition	The party where the inventory product entry is located.							
Usage	Sequence # 84							
Children	<table border="1"> <thead> <tr> <th>Cardinality</th> <th>Entity</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PartnerDescription</td> <td>BDE</td> </tr> </tbody> </table>		Cardinality	Entity	Type	1	PartnerDescription	BDE
Cardinality	Entity	Type						
1	PartnerDescription	BDE						

inventoryOwner		BusinessProperty
Property	Value	
Definition	The party that owns the inventory product entry.	
Usage	Sequence # 113	

Children	Cardinality	Entity	Type
	1	BusinessDescription	BDE

InventoryProductQuantity		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that describe the various types of product quantity held in inventory.		
Usage	Sequence # 120		
Children	Cardinality	Entity	Type
	1	GlobalInventoryCode	FBDE
	0..n	InventoryItemIdentification	BDE
	1	ProductQuantity	FBDE

InventoryReport		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that describe a product in inventory at a specific point in time.		
Usage	Sequence # 14		
Children	Cardinality	Entity	Type
	1	inventoryReportDateTime	BP
	1..n	InventoryReportLineItem	BDE

inventoryReportDateTime		BusinessProperty	
Property	Value		
Definition	The date and time stamp for which inventory information is captured for reporting.		
Usage	Sequence # 15		
Children	Cardinality	Entity	Type
	0..1	DateTimeStamp	FBDE

InventoryReportLineItem		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that describe a product entry on an inventory report.		
Usage	Sequence # 16		
Children	Cardinality	Entity	Type
	0..n	DocumentReference	BDE
	1	GlobalProductUnitOfMeasureCode	FBDE
	0..n	IntraCompanyTransfer	BDE
	1	inventoryLocation	BP
	0..1	inventoryOwner	BP
	1..n	InventoryProductQuantity	BDE
1	ProductIdentification	BDE	

PartnerBusinessIdentification		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that allow for the proprietary identification of a business entity.		
Usage	Sequence # 88, 116		
Children	Cardinality	Entity	Type
	1	ProprietaryBusinessIdentifier	FBDE
	1	ProprietaryDomainIdentifier	FBDE
	0..1	ProprietaryIdentifierAuthority	FBDE

PartnerDescription		BusinessDataEntity	
Property	Value		
Definition	The collection of business properties that describe a business partners' identity and their function in a supply chain.		
Usage	Sequence # 8, 84, 144		
Children	Cardinality	Entity	Type
	1	BusinessDescription	BDE
	1	GlobalPartnerClassificationCode	FBDE

0..1	ContactInformation	BDE
1	PhysicalLocation	BDE

PartnerLocationIdentification **BusinessDataEntity**

Property	Value	
Definition	The collection of business properties that allow for the proprietary identification of a business location.	
Usage	Sequence # 100	
Children	Cardinality	Entity
	1	ProprietaryDomainIdentifier
	0..1	ProprietaryIdentifierAuthority
	1	ProprietaryLocationIdentifier

PartnerProductIdentification **BusinessDataEntity**

Property	Value	
Definition	The collection of business properties that describe proprietary part information.	
Usage	Sequence # 131	
Children	Cardinality	Entity
	1	GlobalPartnerClassificationCode
	1	ProprietaryProductIdentifier
	0..1	revisionIdentifier

PartnerRoleDescription **BusinessDataEntity**

Property	Value	
Definition	The collection of business properties that describe a business partners' role in a partner interface process.	
Usage	Sequence # 1, 137	
Children	Cardinality	Entity
	0..1	ContactInformation
	1	GlobalPartnerRoleClassificationCode
	1	PartnerDescription

PhysicalAddress **BusinessDataEntity**

Property	Value	
Definition	"The actual physical location of an entity as prescribed by local postal authorities, including country identification as it relates to the party or a product."	
Usage	Sequence # 104	
Children	Cardinality	Entity
	0..1	addressLine1
	0..1	addressLine2
	0..1	addressLine3
	0..1	cityName
	0..1	GlobalCountryCode
	0..1	NationalPostalCode
	0..1	postOfficeBoxIdentifier
	0..1	regionName

PhysicalLocation **BusinessDataEntity**

Property	Value	
Definition	"The collection of business properties that identify and describe the actual physical location of an entity as prescribed by local postal authorities, including country identification."	
Usage	Sequence # 98	
Children	Cardinality	Entity
	0..1	GlobalLocationIdentifier
	0..n	PartnerLocationIdentification
	0..1	PhysicalAddress

ProductIdentification **BusinessDataEntity**

Property	Value		
Definition	The collection of business properties that describe proprietary and global identifier information regarding a product.		
Usage	Sequence # 129		
Children	Cardinality	Entity	Type
	0..1	GlobalProductIdentifier	FBDE
	0..n	PartnerProductIdentification	BDE

ProductQuantity		FundamentalBusinessDataEntity
Property	Value	
Definition	A quantity specifying the number of product units.	
Data Type	Real	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 128	

ProprietaryBusinessIdentifier		FundamentalBusinessDataEntity
Property	Value	
Definition	A unique business identifier assigned and administered by a private authority.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 117	

ProprietaryDocumentIdentifier		FundamentalBusinessDataEntity
Property	Value	
Definition	Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 136	

ProprietaryDomainIdentifier		FundamentalBusinessDataEntity
Property	Value	
Definition	A descriptor that is used to categorize an organization or business entity that is in the Proprietary Business Identifier.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 118	

ProprietaryIdentifierAuthority		FundamentalBusinessDataEntity
Property	Value	
Definition	A unique name that identifies an organization or business entity that is responsible for managing one or more lists of identifiers.	
Data Type	String	
Min Size	1	
Max Size		
Representation		
Usage	Sequence # 119	

ProprietaryProductIdentifier		FundamentalBusinessDataEntity
Property	Value	
Definition	An internal identifier used to identify a product.	
Data Type	String	
Min Size	1	

Max Size	
Representation	
Usage	Sequence # 133

revisionIdentifier		BusinessProperty
Property	Value	
Definition	Free form text that identifies a revision to a proprietary serial number.	
Usage	Sequence # 134	
Children	Cardinality	Type
	1	FreeFormText
		FBDE

telephoneNumber		BusinessProperty
Property	Value	
Definition	The numerical schema designed to achieve contact via telephone.	
Usage	Sequence # 6, 142	
Children	Cardinality	Type
	1	CommunicationsNumber
		FBDE

thisDocumentGenerationDateTime		BusinessProperty
Property	Value	
Definition	The date-time stamp indicating when this document was generated.	
Usage	Sequence # 135	
Children	Cardinality	Type
	0..1	DateTimeStamp
		FBDE

thisDocumentIdentifier		BusinessProperty
Property	Value	
Definition	Unique tracking identification number that identifies the business document being sent.	
Usage	Sequence # 136	
Children	Cardinality	Type
	1	ProprietaryDocumentIdentifier
		FBDE

toRole		BusinessProperty
Property	Value	
Definition	The role receiving the document in a business document exchange.	
Usage	Sequence # 137	
Children	Cardinality	Type
	1	PartnerRoleDescription
		BDE

Glossary

Term	Definition
Association	Association is a way of shortening the file by pointing to values already present in the Business Message. Every entity can have association, but it is required for the entities that are referenced.
BDE	BusinessDataEntity
BP	BusinessProperty
BusinessDataEntity	A complex structure that is formed of one or more BDE, FBDE, QFBDE, BP, Choice or Reference.
Business Message	Part of the Message that is formed according to RosettaNet rules and conveys a particular business meaning that Trading Partners fully understand. Usually this part of the message will be encrypted.
BusinessProperty	A special business meaning of the entity use in a particular location.
Cardinality	A means of showing how many of the entity must/can appear in the message.
Choice	Is used in cases when either one of two sets of values is required in the Business Message.
Constraints	A rule, usually as unformatted text, that specifies how the entities are related.
Definition	A text explanation about the general meaning/use of an entity.
Dictionary	The list of all entities used in the message guideline with their definitions.
Entity	One of the different types of complex or simple structures used in Business Messages.
FBDE	FundamentalBusinessDataEntity
FundamentalBusinessDataEntity	The smallest quantum of information that carries data.
Instance	A standard value that an FBDE can take. Usually instances are grouped in lists of values that will be named Entity Instances because the list is linked to one particular FBDE.
Max Size	The maximum length an (Q)FBDE must have in order to be valid.
Message	A file/stream of data that is composed of routing, service, and business content required to correctly deliver a Business Message. The Business Message is part of the message itself.
Message guideline	A specification, that describes the structure and contents of Business Messages or other part of the Message that are to be exchanged between 2 or more parties.
Min Size	The minimum length an (Q)FBDE must have in order to be valid.
QFBDE	QuantitativeFundamentalBusinessDataEntity
QuantitativeFundamentalBusinessDataEntity	Same as FBDE only that the value is a quantity of something, that is it is a measurement explained in some units of measure.
Reference	A placeholder for some of the entities in the Message Guideline. It can be expanded with the actual entity. Usually used in cases when there are Cyclic uses of the same Entity.
Representation	A notation about how the values are supposed to look like in order to be valid.
User Notes	Local clarifications/explanations about the meaning and use of a particular entity.

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