

Texas Instruments  
PIP Implementation Guideline



4B3 NotifyOfConsumption  
V01\_00\_00; 1; INBOUND



Element / Attribute	Usage/Length	Description
<b>Pip4B3NotifyOfConsumption</b>		
1 ConsumptionNotice	1..1	<b>Definition:</b> Business document to trading partner that owns consigned product that communicates material, material quantities, and dates the material quantities were consumed. <b>Usage:</b> Required
2 consumptionGenerationDateTime	1..1	<b>Definition:</b> The date-time stamp indicating when the consumption was generated. <b>Usage:</b> Required
2 DateTimeStamp	1..1	<b>Definition:</b> 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
3 ConsumptionIdentifierReference	1..unbounded	<b>Definition:</b> The collection of business properties that describes the various types of proprietary reference identifiers for Consumption Notice. <b>Usage:</b> Required
4 GlobalDocumentReferenceTypeCode	1..1	<b>Definition:</b> Code identifying the type of business document used for referencing within another business document. <b>Usage:</b> Required <b>Preferred Value:</b> Invoice or Purchase Order
5 ProprietaryDocumentIdentifier	1..1	<b>Definition:</b> Unique identifier, i.e. a numeric value or alphanumeric value, for a business document. <b>Usage:</b> Required
6 PartnerProductConsumption	1..unbounded	<b>Definition:</b> The collection of business properties that describe consumption and partner information for a product. <b>Usage:</b> Required



Element / Attribute	Usage/Length	Description
<b>7 ConsumptionPartner</b>	<b>1..unbounded</b>	<b>Definition:</b> The collection of business properties that describes trading partner role(s) involved in material consumption <b>Usage:</b> Required
<b>8 GlobalPartnerReferenceTypeCode</b>	<b>1..1</b>	<b>Definition:</b> Code describing a partner's function as a verb-preposition phrase. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
		<b>Ship to</b> The partner and/or location to which the product must be delivered.
		<b>Sold to</b> The party to whom a product has been sold.
<b>9 PartnerDescription</b>	<b>1..1</b>	<b>Definition:</b> 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. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 24 PhysicalLocation
<b>10 BusinessDescription</b>	<b>1..1</b>	<b>Definition:</b> The collection of business properties that describe a business identity and location. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 11 businessName 12 businessWebSite 14 PartnerBusinessIdentification
<b>13 GlobalBusinessIdentifier</b>	<b>1..1</b>	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet. <b>Usage:</b> Required



Element / Attribute	Usage/Length	Description
18 ContactInformation	0..1	<p><b>Definition:</b> The collection of business properties that provide communication and address information for contacting a person, organization or business.</p> <p><b>Usage:</b> Optional</p> <p><b>Comment:</b> Not used elements: 20 EmailAddress 21 facsimileNumber 22 telephoneNumber</p>
19 contactName	1..1	<p><b>Definition:</b> Name of the contact person(s) within the organization.</p>
19 FreeFormText	1..1	<p><b>Definition:</b> Unformatted text.</p>
23 GlobalPartnerClassificationCode	1..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
		<p><b>Contract Manufacturer</b> The party responsible for the services rendered.</p> <p><b>Distribution Center</b> Product distributor in supply chain.</p> <p><b>Distributor</b> Product distributor in supply chain.</p> <p><b>End User</b> Product end user in supply chain.</p> <p><b>Manufacturer</b> Product manufacturer in supply chain.</p> <p><b>Original Equipment Manufacturer</b> Product manufacturer of original equipment in the supply chain.</p> <p><b>Warehouser</b> Product warehouser in supply chain.</p>
40 ConsumptionProduct	1..unbounded	<p><b>Definition:</b> The collection of business properties that describes material being consumed by customer.</p> <p><b>Usage:</b> Required</p>
41 GlobalProductUnitOfMeasureCode	1..1	<p><b>Definition:</b> Code identifying a product unit of measure.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
		Each



Element / Attribute	Usage/Length	Description
42 InventoryProductQuantity	0..unbounded	<b>Definition:</b> The collection of business properties that describe the various types of product quantity held in inventory. <b>Usage:</b> Optional
43 GlobalInventoryCode	1..1	<b>Definition:</b> Code identifying the inventory status of a quantity of product.
44 ProductQuantity	1..1	<b>Definition:</b> A quantity specifying the number of product units.
45 LineNumber	0..1	<b>Definition:</b> Number of the line in the document. <b>Usage:</b> Optional
46 ProductIdentification	1..1	<b>Definition:</b> The collection of business properties that describe proprietary and global identifier information regarding a product. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 47 GlobalProductIdentifier
48 PartnerProductIdentification	0..unbounded	<b>Definition:</b> The collection of business properties that describe proprietary part information. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 51 revisionIdentifier
49 GlobalPartnerClassificationCode	1..1	<b>Definition:</b> Code identifying a partner's function in the supply chain. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
End User		Product end user in supply chain.
Manufacturer		Product manufacturer in supply chain.
50 ProprietaryProductIdentifier	1..1	<b>Definition:</b> An internal identifier used to identify a product.
52 ProductConsumptionConfirmation	1..unbounded	<b>Definition:</b> The collection of business properties that identifies consumption notice number, date and quantity of the Consumption Notice <b>Usage:</b> Required



Element / Attribute	Usage/Length	Description
53 ConsumptionNoticeNumber	1..1	<b>Definition:</b> Sub-line identifier of consumption signal within Consumption Notice document. Unique number assigned to a consumption to be used by the material supplier and buyer for invoice and inventory reconciliation purpose. <b>Usage:</b> Required <b>Description:</b> This should be the Unique Consumption Reference Number
54 materialConsumptionDate	1..1	<b>Definition:</b> Date material was consumed by customer. <b>Usage:</b> Required
54 DateTimeStamp	1..1	<b>Definition:</b> 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: YYYYMMDDThmmss
55 ProductQuantity	1..1	<b>Definition:</b> A quantity specifying the number of product units. <b>Usage:</b> Required
56 unitPrice	0..1	<b>Definition:</b> Agreed upon sale price for each unit ordered. <b>Usage:</b> Optional <b>Comment:</b> The price requirement depends on the engagement
56 FinancialAmount	1..1	<b>Definition:</b> The collection of business properties that describe the monetary amount defined by a specified currency.
57 GlobalCurrencyCode	1..1	<b>Definition:</b> Code identifying the three character currency code specified in ISO 4217-1995.
58 MonetaryAmount	1..1	<b>Definition:</b> Magnitude of currency amount.
59 fromRole	1..1	<b>Definition:</b> The role initiating a business document exchange. <b>Usage:</b> Required

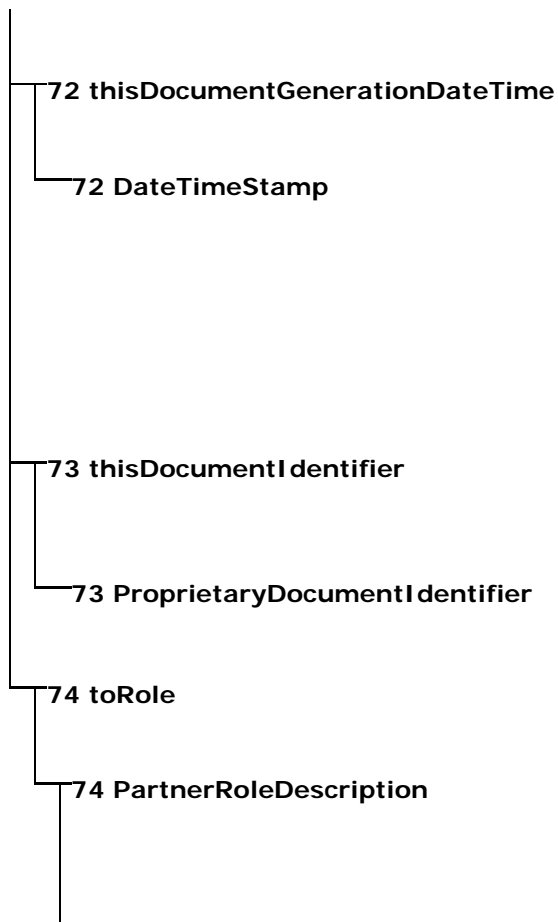


Element / Attribute	Usage/Length	Description
59 PartnerRoleDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' role in a partner interface process. <b>Usage:</b> Required
60 ContactInformation	1..1	<b>Definition:</b> The collection of business properties that provide communication and address information for contacting a person, organization or business. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 63 facsimileNumber
61 contactName	1..1	<b>Definition:</b> Name of the contact person(s) within the organization.
61 FreeFormText	1..1	<b>Definition:</b> Unformatted text. <b>Usage:</b> Required <b>Description:</b> Customer Contact Name
62 EmailAddress	1..1	<b>Definition:</b> Electronic mail address. <b>Usage:</b> Optional <b>Description:</b> Customer e-mail address
64 telephoneNumber	1..1	<b>Definition:</b> The numerical schema designed to achieve contact via telephone.
64 CommunicationsNumber	1..1	<b>Definition:</b> The electro-technical communication number, e.g., telephone number, facsimile number, pager number. <b>Usage:</b> Optional <b>Description:</b> Customer telephone number
65 GlobalPartnerRoleClassificationCode	1..1	<b>Definition:</b> Code identifying a party's role in the supply chain. <b>Usage:</b> Required <b>Preferred Value:</b> Consumption Notification Provider



Element / Attribute	Usage/Length	Description
66 PartnerDescription	1..1	<p><b>Definition:</b> 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.</p> <p><b>Constraint:</b> If GlobalBusinessIdentifier is not used, then PhysicalAddress is required.</p> <p><b>Usage:</b> Required</p>
67 BusinessDescription	1..1	<p><b>Definition:</b> The collection of business properties that describe a business identity and location.</p> <p><b>Usage:</b> Required</p>
68 GlobalBusinessIdentifier	1..1	<p><b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> Customer DUNS number</p>
69 GlobalSupplyChainCode	1..1	<p><b>Definition:</b> Code identifying the supply chain for the partner's function.</p> <p><b>Usage:</b> Required</p> <p><b>Preferred Value:</b> Electronic Components</p>
70 GlobalPartnerClassificationCode	1..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Optional</p> <p><b>Restricted Entity Instance</b></p> <p><b>Contract Manufacturer</b> The party responsible for the services rendered.</p> <p><b>Distribution Center</b> Product distributor in supply chain.</p> <p><b>Distributor</b> Product distributor in supply chain.</p> <p><b>End User</b> Product end user in supply chain.</p> <p><b>Manufacturer</b> Product manufacturer in supply chain.</p> <p><b>Warehouser</b> Product warehouser in supply chain.</p>
71 GlobalDocumentFunctionCode	1..1	<p><b>Definition:</b> Code identifying the function of a document as either a request or a response.</p> <p><b>Usage:</b> Required</p> <p><b>Restricted Entity Instance</b></p> <p><b>Request</b> The business document is a request for a business action to be</p>





Restricted Entity Instance	
	performed by a partner.
1..1	<p><b>Definition:</b> The date-time stamp indicating when this business document was generated.</p> <p><b>Usage:</b> Required</p>
1..1	<p><b>Definition:</b> 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: YYYYMMDDThmmss</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> Document date &amp; time stamp</p>
1..1	<p><b>Definition:</b> The information that identifies the business document being sent. This identifier is used to represent the specific business document associated with the defined business process.</p> <p><b>Usage:</b> Required</p>
1..1	<p><b>Definition:</b> Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.</p> <p><b>Usage:</b> Required</p>
1..1	<p><b>Definition:</b> The role receiving the document in a business document exchange.</p> <p><b>Usage:</b> Required</p>
1..1	<p><b>Definition:</b> The collection of business properties that describe a business partners' role in a partner interface process.</p> <p><b>Usage:</b> Required</p> <p><b>Comment:</b> Not used elements: 75 ContactInformation</p>



Element / Attribute	Usage/Length	Description
80 GlobalPartnerRoleClassificationCode	1..1	<b>Definition:</b> Code identifying a party's role in the supply chain. <b>Usage:</b> Required <b>Preferred Value:</b> Consumption Notification User
81 PartnerDescription	1..1	<b>Definition:</b> 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. <b>Constraint:</b> If GlobalBusinessIdentifier is not used, then PhysicalAddress is required. <b>Usage:</b> Required
82 BusinessDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business identity and location. <b>Usage:</b> Required
83 GlobalBusinessIdentifier	1..1	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet. <b>Usage:</b> Required <b>Description:</b> Supplier DUNS number "007321904"
84 GlobalSupplyChainCode	1..1	<b>Definition:</b> Code identifying the supply chain for the partner's function. <b>Restricted Entity Instance</b>
		<b>Electronic Components</b> The electronic components supply chain.
85 GlobalPartnerClassificationCode	1..1	<b>Definition:</b> Code identifying a partner's function in the supply chain. <b>Usage:</b> Required <b>Preferred Value:</b> Manufacturer <b>Restricted Entity Instance</b>
		<b>Manufacturer</b> Product manufacturer in supply chain.

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**BusinessDescription**

**Definition**

The collection of business properties that describe a business identity and location.

**Children**

businessName	<i>The name of a business entity.</i>
businessWebSite	<i>The home page of a business's web site.</i>
GlobalBusinessIdentifier	<i>A unique business identifier. The DUNS number is specified by RosettaNet.</i>
GlobalSupplyChainCode	<i>Code identifying the supply chain for the partner's function.</i>
PartnerBusinessIdentification	<i>The collection of business properties that allow for the proprietary identification of a business entity.</i>

**Used in**

- 9 PartnerDescription
- 66 PartnerDescription
- 81 PartnerDescription

**CommunicationsNumber**

<b>Type</b>	String	<b>Min</b>	1
<b>Repr</b>	X(30)	<b>Max</b>	30

**Definition**

The electro-technical communication number, e.g., telephone number, facsimile number, pager number.

**Used in**

- 64 telephoneNumber

**consumptionGenerationDateTime**

**Definition**

The date-time stamp indicating when the consumption was generated.

**Children**

DateTimeStamp	<i>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</i>
---------------	---

**Used in**

- 1 ConsumptionNotice

**ConsumptionIdentifierReference**

**Definition**

The collection of business properties that describes the various types of proprietary reference identifier

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Children**

GlobalDocumentReferenceTypeCode *Code identifying the type of business document used for referencing within another business document.*  
 ProprietaryDocumentIdentifier *Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.*

**Used in**

1 ConsumptionNotice

**ConsumptionNotice**

**Definition**

Business document to trading partner that owns consigned product that communicates material, materi

**Children**

consumptionGenerationDateTime *The date-time stamp indicating when the consumption was generated.*  
 ConsumptionIdentifierReference *The collection of business properties that describes the various types of proprietary reference identifiers for Consumption Notice.*  
 PartnerProductConsumption *The collection of business properties that describe consumption and partner information for a product.*

**Used in**

Pip4B3NotifyOfConsumption

**ConsumptionNoticeNumber**

**Type** String **Min** 1

**Definition**

Sub-line identifier of consumption signal within Consumption Notice document. Unique number assigned

**Used in**

52 ProductConsumptionConfirmation

**ConsumptionPartner**

**Definition**

The collection of business properties that describes trading partner role(s) involved in material consumpt

**Children**

GlobalPartnerReferenceTypeCode *Code describing a partner's function as a verb-preposition phrase.*  
 PartnerDescription *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.*

**Used in**

6 PartnerProductConsumption

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**ConsumptionProduct**

**Definition**

The collection of business properties that describes material being consumed by customer.

**Children**

GlobalProductUnitOfMeasureCode	<i>Code identifying a product unit of measure.</i>
InventoryProductQuantity	<i>The collection of business properties that describe the various types of product quantity held in inventory.</i>
LineNumber	<i>Number of the line in the document.</i>
ProductIdentification	<i>The collection of business properties that describe proprietary and global identifier information regarding a product.</i>
unitPrice	<i>Agreed upon sale price for each unit ordered.</i>

**Used in**

6 PartnerProductConsumption

**ContactInformation**

**Definition**

The collection of business properties that provide communication and address information for contacting

**Children**

contactName	<i>Name of the contact person(s) within the organization.</i>
EmailAddress	<i>Electronic mail address.</i>
facsimileNumber	<i>The numerical schema designed to achieve contact via facsimile.</i>
telephoneNumber	<i>The numerical schema designed to achieve contact via telephone.</i>

**Used in**

9 PartnerDescription  
59 PartnerRoleDescription

**contactName**

**Definition**

Name of the contact person(s) within the organization.

**Children**

FreeFormText	<i>Unformatted text.</i>
--------------	--------------------------

**Used in**

18 ContactInformation  
60 ContactInformation

**DateTimeStamp**

<b>Type</b>	DateTime	<b>Min</b>	13
<b>Repr</b>	9(8)X9(6)V9(3)X	<b>Max</b>	20

**Definition**

Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "M

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Used in**

2 consumptionGenerationDateTime  
 54 materialConsumptionDate  
 72 thisDocumentGenerationDateTime

**EmailAddress**

**Type** String

**Min** 1

**Definition**

Electronic mail address.

**Used in**

60 ContactInformation

**FinancialAmount**

**Definition**

The collection of business properties that describe the monetary amount defined by a specified currency

**Children**

GlobalCurrencyCode *Code identifying the three character currency code specified in ISO 4217-1995.*  
 MonetaryAmount *Magnitude of currency amount.*

**Used in**

56 unitPrice

**FreeFormText**

**Type** String

**Min** 1

**Definition**

Unformatted text.

**Attributes**

xml:lang

**Used in**

19 contactName  
 61 contactName

**fromRole**

**Definition**

The role initiating a business document exchange.

**Children**

PartnerRoleDescription *The collection of business properties that describe a business*

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Children***partners' role in a partner interface process.***Used in**

Pip4B3NotifyOfConsumption

<b>GlobalBusinessIdentifier</b>	<b>Type</b> Integer	<b>Min</b> 9
	<b>Repr</b> 9(9)	<b>Max</b> 9

**Definition**

A unique business identifier. The DUNS number is specified by RosettaNet.

**Used in**

10 BusinessDescription

67 BusinessDescription

82 BusinessDescription

<b>GlobalCurrencyCode</b>	<b>Type</b> String	<b>Min</b> 3
	<b>Repr</b> X(3)	<b>Max</b> 3

**Definition**

Code identifying the three character currency code specified in ISO 4217-1995.

**Entity Instances**

ADP	<i>ANDORRA (multiple)</i>
AED	<i>UNITED ARAB EMIRATES</i>
AFA	<i>AFGHANISTAN</i>
ALL	<i>ALBANIA</i>
AMD	<i>ARMENIA</i>
ANG	<i>NETHERLANDS ANTILLES</i>
AON	<i>ANGOLA (multiple)</i>
AOR	<i>ANGOLA (multiple)</i>
ARS	<i>ARGENTINA</i>
ATS	<i>AUSTRIA</i>
AUD	<i>TUVALU</i>
AWG	<i>ARUBA</i>
AZM	<i>AZERBAIJAN</i>
BAM	<i>BOSNIA AND HERZEGOVINA</i>
BBD	<i>BARBADOS</i>
BDT	<i>BANGLADESH</i>
BEF	<i>BELGIUM</i>
BGL	<i>BULGARIA</i>
BHD	<i>BAHRAIN</i>
BIF	<i>BURUNDI</i>
BMD	<i>BERMUDA</i>
BND	<i>BRUNEI DARUSSALAM</i>
BOB	<i>BOLIVIA (multiple)</i>
BOV	<i>BOLIVIA (multiple)</i>
BRL	<i>BRAZIL</i>
BSD	<i>BAHAMAS</i>
BTN	<i>BHUTAN (multiple)</i>
BWP	<i>BOTSWANA</i>
BYB	<i>BELARUS</i>

**Entity Instances**

BZD	<i>BELIZE</i>
CAD	<i>CANADA</i>
CHF	<i>SWITZERLAND</i>
CLP	<i>CHILE</i>
CNY	<i>CHINA</i>
COP	<i>COLOMBIA</i>
CRC	<i>COSTA RICA</i>
CUP	<i>CUBA</i>
CVE	<i>CAPE VERDE</i>
CYP	<i>CYPRUS</i>
CZK	<i>CZECH REPUBLIC</i>
DEM	<i>GERMANY</i>
DJF	<i>DJIBOUTI</i>
DKK	<i>GREENLAND</i>
DOP	<i>DOMINICAN REPUBLIC</i>
DZD	<i>ALGERIA</i>
ECS	<i>ECUADOR</i>
EEK	<i>ESTONIA</i>
EGP	<i>EGYPT</i>
ERN	<i>ERITREA</i>
ESP	<i>SPAIN</i>
ETB	<i>ETHIOPIA</i>
EUR	<i>EUROPEAN UNION</i>
FIM	<i>FINLAND</i>
FJD	<i>FIJI</i>
FKP	<i>FALKLAND ISLANDS(MALVINAS)</i>
FRF	<i>FRENCH SOUTHERN TERRITORIES</i>
GBP	<i>UNITED KINGDOM</i>
GEL	<i>GEORGIA</i>
GHC	<i>GHANA</i>
GIP	<i>GIBRALTAR</i>
GMD	<i>GAMBIA</i>
GNF	<i>GUINEA</i>
GRD	<i>GREECE</i>
GTQ	<i>GUATEMALA</i>
GWP	<i>GUINEA-BISSAU</i>
GYD	<i>GUYANA</i>
HKD	<i>HONG KONG</i>
HNL	<i>HONDURAS</i>
HRK	<i>CROATIA</i>
HTG	<i>HAITI</i>
HUF	<i>HUNGARY</i>
IDR	<i>INDONESIA</i>
IEP	<i>IRELAND</i>
ILS	<i>ISRAEL</i>
INR	<i>BHUTAN (multiple)</i>
IQD	<i>IRAQ</i>
IRR	<i>IRAN (ISLAMIC REPUBLIC OF)</i>
ISK	<i>ICELAND</i>
ITL	<i>VATICAN CITY STATE (HOLY SEE)</i>
JMD	<i>JAMAICA</i>
JOD	<i>JORDAN</i>
JPY	<i>JAPAN</i>
KES	<i>KENYA</i>
KGS	<i>KYRGYZSTAN</i>
KHR	<i>CAMBODIA</i>
KMF	<i>COMOROS</i>



**Entity Instances**

KPW	<i>KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF</i>
KRW	<i>KOREA, REPUBLIC OF</i>
KWD	<i>KUWAIT</i>
KYD	<i>CAYMAN ISLANDS</i>
KZT	<i>KAZAKHSTAN</i>
LAK	<i>LAO PEOPLE'S DEMOCRATIC REPUBLIC</i>
LBP	<i>LEBANON</i>
LKR	<i>SRI LANKA</i>
LRD	<i>LIBERIA</i>
LTL	<i>LITHUANIA</i>
LUF	<i>LUXEMBOURG</i>
LVL	<i>LATVIA</i>
LYD	<i>LIBYAN ARAB JAMAHIRIYA</i>
MAD	<i>WESTERN SAHARA</i>
MDL	<i>MOLDOVA, REPUBLIC OF</i>
MGF	<i>MADAGASCAR</i>
MKD	<i>MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF</i>
MMK	<i>MYANMAR</i>
MNT	<i>MONGOLIA</i>
MOP	<i>MACAU</i>
MRO	<i>MAURITANIA</i>
MTL	<i>MALTA</i>
MUR	<i>MAURITIUS</i>
MVR	<i>MALDIVES</i>
MWK	<i>MALAWI</i>
MXN	<i>MEXICO</i>
MYR	<i>MALAYSIA</i>
MZM	<i>MOZAMBIQUE</i>
NGN	<i>NIGERIA</i>
NIO	<i>NICARAGUA</i>
NLG	<i>NETHERLANDS</i>
NOK	<i>BOUVET ISLAND</i>
NPR	<i>NEPAL</i>
NZD	<i>COOK ISLANDS</i>
OMR	<i>OMAN</i>
PAB	<i>PANAMA</i>
PEN	<i>PERU</i>
PGK	<i>PAPUA NEW GUINEA</i>
PHP	<i>PHILIPPINES</i>
PKR	<i>PAKISTAN</i>
PLN	<i>POLAND</i>
PTE	<i>PORTUGAL</i>
PYG	<i>PARAGUAY</i>
QAR	<i>QATAR</i>
ROL	<i>ROMANIA</i>
RUR	<i>RUSSIAN FEDERATION</i>
RWF	<i>RWANDA</i>
SAR	<i>SAUDI ARABIA</i>
SBD	<i>SOLOMON ISLANDS</i>
SCR	<i>SEYCHELLES</i>
SDD	<i>SUDAN</i>
SEK	<i>SWEDEN</i>
SGD	<i>SINGAPORE</i>
SHP	<i>SAINT HELENA</i>
SIT	<i>SLOVENIA</i>
SKK	<i>SLOVAKIA</i>
SLL	<i>SIERRA LEONE</i>

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Entity Instances**

SOS	SOMALIA
SRG	SURINAME
STD	SAO TOME AND PRINCIPE
SVC	EL SALVADOR
SYP	SYRIAN ARAB REPUBLIC
SZL	SWAZILAND
THB	THAILAND
TJR	TAJIKISTAN
TMM	TURKMENISTAN
TND	TUNISIA
TOP	TONGA
TPE	EAST TIMOR
TRL	TURKEY
TTD	TRINIDAD AND TOBAGO
TWD	TAIWAN, PROVINCE OF CHINA
TZS	TANZANIA, UNITED REPUBLIC OF
UAH	UKRAINE
UGX	UGANDA
USD	UNITED STATES
UYU	URUGUAY
UZS	UZBEKISTAN
VEB	VENEZUELA
VND	VIETNAM
VUV	VANUATU
WST	SAMOA
XAF	CONGO
XCD	GRENADA
XDR	INTERNATIONAL MONETARY FUND
XOF	TOGO
XPF	NEW CALEDONIA
XPR	FRENCH POLYNESIA
YER	YEMEN
YUM	YUGOSLAVIA
ZAR	NAMIBIA
ZMK	ZAMBIA
ZRN	ZAIRE
ZWD	ZIMBABWE

**Used in**

56 FinancialAmount

**GlobalDocumentFunctionCode**

Type String

Min 1

**Definition**

Code identifying the function of a document as either a request or a response.

**Entity Instances**

Request	<i>The business document is a request for a business action to be performed by a partner.</i>
Response	<i>The business document is a response to a requesting partner.</i>

**Used in**

Pip4B3NotifyOfConsumption

<b>GlobalDocumentReferenceTypeCode</b>	<b>Type</b> String	<b>Min</b> 1
<b>Definition</b>		
Code identifying the type of business document used for referencing within another business document.		
<b>Entity Instances</b>		
ASP Claim	<i>The unique identifier assigned by the ASP for a warranty claim.</i>	
ASP Part Return	<i>The unique identifier assigned by the ASP for a part return.</i>	
ASP PartOrder	<i>The unique identifier assigned by the ASP for a part order.</i>	
ASP Requisition	<i>The unique identifier assigned by the ASP to reference a work order.</i>	
Catalog	<i>Product Catalog.</i>	
Commercial Invoice		
Component Failure Analysis Request Number	<i>Failure Analysis request document that will accompany the product providing characteristics of the component failure.</i>	
Consumption Reference	<i>Unique consumption reference number identifying the product consumption issue i.e. one-to-one relationship with physical flow.</i>	
Contract		
Credit Memo	<i>Traditional credit note or memo.</i>	
Customer Batch Number	<i>Product batch number of customer.</i>	
Customer Order Number	<i>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.</i>	
Customs Number	<i>Customs clearance number.</i>	
Debit Memo	<i>Traditional debit note or memo.</i>	
Delivery Note		
Discontinuation	<i>Discontinuation Notice.</i>	
Drawing #		
Fulfillment Order	<i>Sales order or transfer order fulfilling demand out of a facility (outbound shipment).</i>	
Invoice		
Master Event Number		
Model Number		
OEM Claim	<i>The unique identifier assigned by the OEM for a warranty claim.</i>	
OEM Part Order	<i>The unique identifier assigned by the OEM for a part order.</i>	
OEM Part Return	<i>The unique identifier assigned by the OEM for a part return.</i>	
Original Invoice	<i>Refers to previously issued invoice.</i>	
Original SBI Invoice	<i>Refers to previously issued self-billing invoice.</i>	
Packing List/Packing Slip	<i>Unique number that identifies packing form prior to shipment.</i>	
Product Failure Analysis Request Number	<i>Failure Analysis request document that will accompany the product providing characteristics of the product failure.</i>	
Production Order Number	<i>Production order number for material release.</i>	
Purchase Order		
Purchase Order IN		
Purchase Order OUT		
Quote		
RMA - Returned Material Authorization		
Receipt	<i>Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).</i>	
Replenishment Order	<i>Purchase order or transfer order replenishing inventory into a facility (inbound shipment).</i>	

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Entity Instances**

Requisition	
Rework Purchase Order	<i>Purchase order for materials or product returned to and reworked by a supplier.</i>
SNCL	<i>Shipment Number on Code List</i>
Sales Order	
Scheduling Agreement	<i>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.</i>
Self Billing Credit Memo	<i>Credit Memo used in self-billing scenario.</i>
Self Billing Debit Memo	<i>Debit Memo used in self-billing scenario.</i>
Self Billing Invoice	<i>Invoice in self billing scenario.</i>
Serial Number	
Service Order	<i>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.</i>
Shipping Reference Identifier	<i>A document that contains the shipping reference number which allows the product to be tracked within the outsourced logistic providers network.</i>
Spec #	
Supplier Batch Number	<i>Product batch number of supplier.</i>
Transfer Order	<i>Order which results in materials or products being moved from one facility to another (outbound shipment and inbound shipment).</i>
Warranty Claim	<i>Denotes a warranty claim.</i>
Waybill	
Work Order	

**Used in**

3 ConsumptionIdentifierReference

GlobalInventoryCode	Type	String	Min	1
---------------------	------	--------	-----	---

**Definition**

Code identifying the inventory status of a quantity of product.

**Entity Instances**

Available	
Balance On Hand	<i>On-Hand Inventory plus Consigned Inventory and other adjustments.</i>
Committed	
Consigned	
Defective	
Finished Goods	
In Transit Between Partners	<i>Product quantity which is en route from one location to another and has not been systematically received into an application system at the destination location.</i>
In Transit Within Partner	
Non-saleable	
On Hold	
Open Box	
Quality Assurance	
Raw	
Work In Process	

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Used in**

42 InventoryProductQuantity

**GlobalPartnerClassificationCode**

Type String

Min 1

**Definition**

Code identifying a partner's function in the supply chain.

**Entity Instances**

Broker	<i>Representative of a third party.</i>
Carrier	<i>Product carrier for transporting goods in supply chain.</i>
Contract Manufacturer	<i>The party responsible for the services rendered.</i>
Customs Broker	<i>Product customs broker in supply chain.</i>
Distribution Center	<i>Product distributor in supply chain.</i>
Distributor	<i>Product distributor in supply chain.</i>
End User	<i>Product end user in supply chain.</i>
End User Government	<i>End user government.</i>
Financier	<i>Financial service provider in supply chain</i>
Freight Forwarder	<i>Product freight forwarder for transporting goods in supply chain.</i>
Manufacturer	<i>Product manufacturer in supply chain.</i>
Manufacturing Division	<i>A separate unit of a manufacturer.</i>
Original Equipment Manufacturer	<i>Product manufacturer of original equipment in the supply chain.</i>
Reseller	<i>The party who buys goods from a manufacturer and resells them to customers unchanged.</i>
Retailer	<i>Product retailer in supply chain.</i>
Service Provider	<i>A provider of services such as repair, diagnoses, maintenance, installation or removal of a unit.</i>
Shopper	<i>Product shopper in supply chain.</i>
Supplier	<i>Used to identify a supplier's part number or the model number of the product or service.</i>
Warehouser	<i>Product warehouser in supply chain.</i>

**Used in**

9 PartnerDescription  
 48 PartnerProductIdentification  
 66 PartnerDescription  
 81 PartnerDescription

**GlobalPartnerReferenceTypeCode**

Type String

Min 1

**Definition**

Code describing a partner's function as a verb-preposition phrase.

**Entity Instances**

Distributed by	<i>The party who supplies products to retailers.</i>
Founded by	<i>The party who performs the act, process, or art of casting metals.</i>
Logistics provided by	<i>The party who handles the details of an operation.</i>
Manufactured by	<i>The party who creates, processes or produces goods</i>
Planning by	<i>The party who establishes goals, policies or procedures.</i>
Primary contract with	<i>The primary party with whom a contract is formed.</i>
Purchased by	<i>The party who is a purchaser of a product; including parties known</i>

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Entity Instances**

Secondary contract with Ship to	<i>as buying locations. The subsequent party(ies) with whom a contract is formed. The partner and/or location to which the product must be delivered.</i>
Sold to Subcontracted by	<i>The party to whom a product has been sold. The party who is contracted to perform part or all of another party's contract.</i>
Supplied by	<i>The party who supplies products.</i>
Used by	<i>The party who is the end user of the product.</i>
Warehoused by	<i>The party who stocks or stores products.</i>

**Used in**

7 ConsumptionPartner

<b>GlobalPartnerRoleClassificationCode</b>	<b>Type</b> String	<b>Min</b> 1
--	--------------------	--------------

**Definition**

Code identifying a party's role in the supply chain.

**Entity Instances**

Account Supplier	<i>Any trading partner that buys or sells products/services from customers and/or vendors.</i>
Account User	<i>Any trading partner that requires an account to buy or sell products/services.</i>
Anonymous Buyer	<i>A requestor of information that chooses to remain anonymous.</i>
Appointment Provider	<i>The stakeholder(s) in the shipment delivery activity.</i>
Authorized Service Provider	<i>The Service Provider authorized by an OEM to perform service on a unit.</i>
Authorizer	<i>The partner role that provides product authorization, from a product owner or manufacturer, for a reselling organization to resell a product.</i>
Buyer	<i>An employee or organization that buys products for a partner type in the supply chain.</i>
Catalog Distributor	<i>The partner role that distributes catalog information to catalog producers and buyers.</i>
Catalog Producer	<i>The partner role that produces catalog information for a partner type in the supply chain.</i>
Change Requester	<i>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.</i>
Change Review Forum	<i>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.</i>
Claim Requester	<i>The owner of the shipments who is responsible for the intact delivery.</i>
Consignee	<i>The receiver of the shipment.</i>
Consumption Notification Provider	<i>Trading Partner role responsible for sending the notification of material consumption by a production location</i>
Consumption Notification User	<i>Trading Partner role responsible for receiving and processing the notification of material consumption thereby invoicing the customer for consumed material</i>
Credit Provider	<i>This partner role is responsible for providing credit information</i>

**Entity Instances**

	<i>about potential customers.</i>
Credit Reference Requester	<i>This partner role is responsible for requesting credit information about potential customers.</i>
Customer	<i>This partner role creates a demand for a product or service.</i>
Customer Manager	<i>This partner role manages the relationship with the business customers.</i>
Decision Stakeholder	<i>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.</i>
Delivery Appointment Provider	<i>A party that receives a request for a change to a previously scheduled delivery appointment.</i>
Delivery Appointment Requester	<i>A party that requests a change to a previously scheduled delivery appointment.</i>
Demand Creator	<i>The partner role that identifies the opportunity, submits design registration, provides engineering support to advance the opportunity towards design win, and generates revenue by satisfying customer demand for a product.</i>
Design Engineering Information Receiver	<i>This partner role uses technical information for updating enterprise databases (such as electronic catalog systems), design or test engineering, and manufacturing.</i>
Design Engineering Information Sender	<i>This partner role distributes the design engineering information of the agreed types in the agreed amounts at the agreed times.</i>
Exception Identifier	<i>The party/organization that monitors and identifies exceptions based on predefined exception criteria and sends notifications of the identified exceptions. In a collaborative forecasting process, the Exception Definer may be the Forecast Owner, Forecast Recipient, Forecast Reply Recipient and/or an external party.</i>
Exception Recipient	<i>The party/organization requiring visibility to an exception and receiving notifications on the identified exceptions. In a collaborative forecasting process, the Exception Recipient may be the Forecast Owner, Forecast Recipient and/or Forecast Reply Recipient. The Exception Identifier may send a notification for a specific exception to multiple Exception Recipients.</i>
Failure Report Administrator	<i>An employee or organizational entity that receives and processes PIP Failure Notifications.</i>
Financing Processor	<i>The organization that processes the request for financing.</i>
Forecast Owner	<i>The party/organization that monitors and identifies exceptions based on predefined exception criteria and sends notifications of the identified exceptions. In a collaborative forecasting process, the Exception Identifier may be the Forecast Owner, Forecast Recipient, Forecast Reply Recipient and/or an external party.</i>
Forecast Recipient	<i>The party that receives a strategic or order forecast.</i>
Forecast Reply Recipient	<i>The party that receives a forecast reply. The Recipient can be the original forecast owner or other forecast partner (Please refer to the GlobalPartnerClassificationCode).</i>
Implementation Plan Creator	<i>The partner role that creates, maintains and manages an implementation plan associated with an Engineering Change Order.</i>
In-transit Information User Initiator	<i>The party who receives shipment status information.</i>
Integrator	<i>The party that starts the data exchange.</i>
Inventory Information Provider	<i>The organization responsible for the production of the product. Change requests are communicated back to the Qualification Owner.</i>
	<i>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.</i>

**Entity Instances**

Inventory Information User	<i>An employee or organization that uses information about inventory.</i>
Invoice Provider	<i>The organization that generates the invoice.</i>
Invoice Receiver	<i>The organization being invoiced.</i>
Invoice Reject Provider	<i>The organization that rejects an invoice.</i>
Invoice Reject Receiver	<i>The organization being issued an Invoice Reject Notification.</i>
Marketing Activity Information User	<i>The party who uses information about Marketing Activities. This party might include distributors, and retail operations.</i>
Marketing Activity Initiator	<i>The partner role that distributes information about marketing activities being sponsored by the organization.</i>
Material Release Information Provider	<i>Trading Partner role responsible for triggering release of materials to a delivery location</i>
Material Release Information User	<i>Trading Partner role responsible for receiving trigger to release material to a delivery location and shipping material to delivery location</i>
PIP Failure Notifier	<i>An organizational process that automatically notifies the appropriate Failure Report Administrator of a PIP process failure.</i>
Payee	<i>The party receiving a payment.</i>
Payer	<i>The party issuing a payment.</i>
Product Distributor	<i>The party authorized by a Product Supplier to purchase goods and services from the Product Supplier and resell to customers.</i>
Product Information Distributor	<i>The partner role that distributes new product information to product information users and buyers.</i>
Product Information Subscriber	<i>The business partner that subscribes to product information from other business partners.</i>
Product Information User	<i>The partner role that uses product information to create or update enterprise systems and online promotion systems such as electronic catalog systems.</i>
Product Provider	<i>The partner role that creates a differentiated product, owns the registration process and creates a list of eligible products for use in design registration.</i>
Product Supplier	<i>This partner role supplies product to customers in the supply chain.</i>
Qualification Owner	<i>The organization responsible for the qualification of manufacturers and suppliers of parts for the product. The Qualification Owner defines and maintains the AML for the product.</i>
Quality Data Provider	<i>The party responsible for sending the Repair Quality Data. The Provider, through various means, learns of product or product component defect(s).</i>
Quality Data User	<i>The party who receives the repair and/or test data. The User analyzes the data and incorporates findings into its business model.</i>
Receiver	<i>The intended recipient of products or business information. The Receiver may verify receipt if prescribed.</i>
Responder	<i>The party that replies to the initiators message.</i>
Return Provider	<i>The party responsible for authorizing and/or processing the return.</i>
Return Receiver	<i>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.</i>
Return Requester	<i>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.</i>
Sales Facilitator	<i>This partner role facilitates the sale of product between partners in the supply chain.</i>
Sales Lead Originator	<i>The party assigning a sales lead to another party.</i>
Sales Lead Processor	<i>The party who receives the sales lead. This party is responsible for accepting or rejecting the lead, and if accepted, reports the status</i>



**Entity Instances**

	<i>of the lead.</i>
Sales Marketing Claim Processor	<i>The partner role that processes the claim and/or remits compensation to the Sales Marketing Claimant.</i>
Sales Marketing Claimant	<i>The partner role that requests reimbursement from a Sales Marketing Claim Processor.</i>
Sales Marketing Program Reimbursement Recipient	<i>The partner role that receives status on a previously submitted sales marketing claim, or who receives reimbursement without submitting a claim.</i>
Sales Marketing Program Reimbursing Party	<i>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.</i>
Self-Billing Invoice Provider	<i>The party that generates the self-billing invoice plus being invoiced. It can re-issue the self-billing invoice.</i>
Self-Billing Invoice Receiver	<i>The organization that provides the services or goods. The organization that receives the payment.</i>
Seller	<i>An organization that sells products to partners in the supply chain.</i>
Service Provider	<i>A provider that performs a service such as repair, diagnose, maintain, install or remove on a unit.</i>
Shipment Information User	<i>The party who receives shipment status information.</i>
Shipment Requester	<i>The party requesting transportation services.</i>
Shipment Controller	<i>The party who is authorized to make decisions regarding a shipment while in-transit.</i>
Shipper	<i>The party who relinquishes (assigns) a shipment to a transport service provider.</i>
Shipping Provider	<i>The organization responsible for performing the shipping logistics for the Shipper. The Shipping Provider ships products from one location to another as requested by the shipping order and informs the Shipper when the shipment has been sent.</i>
Solution Provider	<i>The party that may architect, configure, engineer, sell, or determine the fulfillment of the configured solution to partners in the supply chain.</i>
Solution Requester	<i>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).</i>
Specification Provider	<i>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.</i>
Specification User	<i>The partner role that uses a manufacturing specification. This might be a sub-contract assembler or fabricator.</i>
Stakeholder	<i>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.</i>
Status Requester	<i>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).</i>
Status Responder	<i>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).</i>
Supplier	<i>This partner role supplies product to customers in the supply chain.</i>
Tender Information User	<i>The stakeholder(s) in the tendering activity.</i>
Transport Service Provider	<i>The party that provides transportation services for a Shipment Requester.</i>

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

---

**Entity Instances**

Warranty Provider

*The provider who honors the warranty terms and reimburses the Authorized Service Provider for a service event performed under the terms of the warranty.*

---

**Used in**

59 PartnerRoleDescription

74 PartnerRoleDescription

---

<b>GlobalProductUnitOfMeasureCode</b>	<b>Type</b> String	<b>Min</b> 1
---------------------------------------	--------------------	--------------

---

**Definition**

Code identifying a product unit of measure.

---

**Entity Instances**

- 10 Kilogram Drum
- 15 Kilogram Drum
- 20 Foot Container
- 25 Kilogram Bulk Bag
- 40 Foot Container
- 50 Pound Bag
- 55 Gallon Drum
- 100 Board Feet
- 115 Kilogram Drum
- 300 Kilogram Bulk Bag
- 500 Kilogram Bulk Bag
- 10,000 Gallon Tankcar
- 10-pack
- 100-Pack
- 1000-pack
- 20,000 Gallon Tankcar
- 20-Pack
- 50-pack
- Acre
- Actual Pounds
- Aluminum Pounds Only
- Ampere
- Bag
- Bale
- Ball
- Band
- Bar
- Barrel
- Barrel, Imperial
- Barrels Per Day
- Barrels Per Minute
- Base Box
- Base Weight
- Basket
- Batch
- Batt
- Batting Pound
- Beam
- Becquerel/kilogram
- Belt

**Entity Instances**

Billet  
Bin  
Block  
Board  
Board Feet  
Bolt  
Bottle  
Box  
British Thermal Unit (BTU)  
British Thermal Units (BTUs) Per  
Cubic Foot  
British Thermal Units (BTUs) Per  
Pound  
Bucket  
Bulk  
Bulk Car Load  
Bulk Pack  
Bundle  
Bunks  
Bushel  
Bushel, Dry Imperial  
Calorie  
Can  
Candela  
Canister  
Car  
Carat  
Carboy  
Card  
Carload  
Carton  
Cartridge  
Case  
Cask  
Cassette  
Catchweight  
Cell  
Centiliter  
Centimeter  
Centipoise (CPS)  
Chains (Land Survey)  
Chest  
Coil  
Coil Group  
Composite Product Pounds (Total  
Weight)  
Cone  
Connector  
Container  
Cover  
Crate  
Cubic Foot  
Cubic centimeter  
Cubic centimeter/second  
Cubic inch  
Cubic yard  
Cubicmeter

**Entity Instances**

Cup  
Cycles  
Cylinder  
Day  
Deal  
Decimeter  
Degree Celsius  
Degree Fahrenheit  
Dep. Factor  
Die  
Disk (Disc)  
Dispenser  
Display  
Dozen  
Dram  
Drum  
Dry Pounds  
Each  
Electrical Capacitance  
Fluid Ounce  
Fluid Ounce (Imperial)  
Fluid Ounce US  
Foot  
Fuel Usage (Gallons)  
Gage Systems  
Gallon  
Gigajoules  
Gill (Imperial)  
Grain  
Gram  
Gram/Cubic Centimeter  
Gram/square meter  
Grams Per 100 Centimeters  
Grams Per 100 Grams  
Grams Per Cubic Centimeter  
Grams Per Kilogram  
Grams Per Liter  
Grams Per Milliliter  
Grams Per Square Centimeter  
Grams Per Square Meter  
Great Gross (Dozen Gross)  
Gross  
Gross Barrels  
Gross Gallons  
Gross Kilogram  
Gross Ton  
Gross Yard  
Group  
Half Gallon  
Half Hour  
Half Liter  
Hank  
Heat lots  
Hectare  
Hectoliter  
Hectopascal  
Hertz

**Entity Instances**

Hour  
Hours  
Hundred Boxes  
Hundred Count  
Hundred Sheets  
Hundredth of a Carat  
Imperial Gallons  
Inch  
Jar  
Joint  
Joule  
Keg  
Kelvin  
Kiloampere  
Kilobecquerel/Kilogram  
Kilogram  
Kilogram per cubic meter  
Kilogram/Kilogram  
Kilogram/square meter  
Kilogramm pro Sekunde  
Kilohertz  
Kilojoule  
Kilometer  
Kilometer/hour  
Kiloohm  
Kilovolt  
Kilowatt  
Kilowatt-hour  
Kit  
Kubikdezimeter  
Kubikmeter pro Sekunde  
Lifts  
Link  
Liquid Pounds  
Liter  
Load  
Lot  
Lug  
Mat  
Megagram  
Megagrams Per Hour  
Megahertz  
Megapascal  
Megawatt  
Meter  
Meter pro Quadratsekunde  
Meters per second  
Micrograms Per Cubic Meter  
Micrometer  
Microsecond  
Mikrogram/cubic meter  
Mile  
Milliampere  
Millibar  
Milligram/Liter  
Milligram/cubic meter  
Milligram/kilogram

---

**Entity Instances**

Milligrams Per Cubic Meter  
Milligrams Per Square Meter  
Millijoule  
Milliliter  
Millimeter  
Millimeter H2O  
Millimol  
Millimol/kilogram  
Million BTU's  
Millipascal seconds  
Millisecond  
Millitesla  
Millivolt  
Milliwatt  
Minute  
Miter  
Mol  
Mol/kilogram  
Month  
Multichip  
Nanometer  
Nanosecond  
Net Barrels  
Net Gallons  
Net Imperial Gallons  
Net Liters  
Newton  
Ohm  
One  
One Thousand Pieces  
Ounce  
Pack (PAK)  
Package  
Packet  
Pad  
Pail  
Pair  
Pallet  
Pallet (Lift)  
Pallet/Unit Load  
Pallette  
Panel  
Parcel  
Parts per billion (US)  
Parts per million  
Pascal  
Pascal second  
Pennyweight  
Per Hundred Pieces  
Percent  
Percent Per 1000 Hours  
Percent Weight  
Percentage  
Piece  
Pint - US liquid  
Pint U.S. Dry  
Plate

*When 2 or more dies (chips) are merged into one package.*

**Entity Instances**

Pound  
Pounds Per 1000 Square Feet  
Pounds Per Foot  
Pounds Per Gallon  
Pounds Per Piece of Product  
Pounds Per Pound of Product  
Pounds Per Thousand  
Quart - US liquid  
Rack  
Ream of 500 Sheets  
Reel  
Ring  
Rod  
Roll  
SET *Mask Set (SET)*  
Sack  
Second  
Sheet  
Sheet-Metric measure  
Shipment  
Shot  
Skein  
Skid  
Sleeve  
Slip Sheet  
Spool  
Square  
Square Yard  
Square foot  
Square inch  
Square kilometer  
Square meter  
Square meter/second  
Square mile  
Square millimeter  
Statute Mile  
Stick  
Strip  
Super Bulk Bag  
Tablet  
Tank  
Tank Truck  
Tesla  
Thousand  
Ton  
Tonne  
Torr  
Tote  
Track Foot  
Trailer  
Train  
Tray  
Troy  
Troy OZ  
Truckload  
Tube  
US gallon

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Entity Instances**

US pound  
 US ton  
 Unitless Unit of Measure  
 Vial  
 Volt  
 WF *Wafer (WF)*  
 Wafer  
 Watt  
 Week  
 Wrap  
 Yard  
 Year

**Used in**

40 ConsumptionProduct

<b>GlobalSupplyChainCode</b>	<b>Type</b> String	<b>Min</b> 1
------------------------------	--------------------	--------------

**Definition**

Code identifying the supply chain for the partner's function.

**Entity Instances**

Electronic Components *The electronic components supply chain.*  
 Information Technology *The information technology supply chain.*  
 Semiconductor Manufacturing *The semiconductor manufacturing supply chain.*

**Used in**

67 BusinessDescription  
 82 BusinessDescription

**InventoryProductQuantity**

**Definition**

The collection of business properties that describe the various types of product quantity held in inventor

**Children**

GlobalInventoryCode *Code identifying the inventory status of a quantity of product.*  
 ProductQuantity *A quantity specifying the number of product units.*

**Used in**

40 ConsumptionProduct

<b>LineNumber</b>	<b>Type</b> String	<b>Min</b> 1
	<b>Repr</b> X(6)	<b>Max</b> 6

**Definition**

Number of the line in the document.



**Used in**

40 ConsumptionProduct

**materialConsumptionDate**

**Definition**

Date material was consumed by customer.

**Children**

DateTimeStamp	<i>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</i>
---------------	---

**Used in**

52 ProductConsumptionConfirmation

**MonetaryAmount**

<b>Type</b>	Real	<b>Min</b>	1
<b>Repr</b>	9(13)V9(7)	<b>Max</b>	21

**Definition**

Magnitude of currency amount.

**Used in**

56 FinancialAmount

**PartnerDescription**

**Definition**

The collection of business properties that describe a business partners' identity, their contact informatio

**Children**

BusinessDescription	<i>The collection of business properties that describe a business identity and location.</i>
ContactInformation	<i>The collection of business properties that provide communication and address information for contacting a person, organization or business.</i>
GlobalPartnerClassificationCode	<i>Code identifying a partner's function in the supply chain.</i>
PhysicalLocation	<i>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.</i>

**Used in**

7 ConsumptionPartner  
 59 PartnerRoleDescription  
 74 PartnerRoleDescription

---

### PartnerProductConsumption

---

#### Definition

The collection of business properties that describe consumption and partner information for a product.

---

#### Children

ConsumptionPartner	<i>The collection of business properties that describes trading partner role(s) involved in material consumption</i>
ConsumptionProduct	<i>The collection of business properties that describes material being consumed by customer.</i>

---

#### Used in

1 ConsumptionNotice

---

### PartnerProductIdentification

---

#### Definition

The collection of business properties that describe proprietary part information.

---

#### Children

GlobalPartnerClassificationCode	<i>Code identifying a partner's function in the supply chain.</i>
ProprietaryProductIdentifier	<i>An internal identifier used to identify a product.</i>
revisionIdentifier	<i>Free form text that identifies a revision to a proprietary serial number.</i>

---

#### Used in

46 ProductIdentification

---

### PartnerRoleDescription

---

#### Definition

The collection of business properties that describe a business partners' role in a partner interface proces

---

#### Children

ContactInformation	<i>The collection of business properties that provide communication and address information for contacting a person, organization or business.</i>
GlobalPartnerRoleClassificationCode	<i>Code identifying a party's role in the supply chain.</i>
PartnerDescription	<i>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.</i>

---

#### Used in

59 fromRole  
74 toRole

---

### Pip4B3NotifyOfConsumption

---

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

**Children**

ConsumptionNotice	<i>Business document to trading partner that owns consigned product that communicates material, material quantities, and dates the material quantities were consumed.</i>
fromRole	<i>The role initiating a business document exchange.</i>
GlobalDocumentFunctionCode	<i>Code identifying the function of a document as either a request or a response.</i>
thisDocumentGenerationDateTime	<i>The date-time stamp indicating when this business document was generated.</i>
thisDocumentIdentifier	<i>The information that identifies the business document being sent. This identifier is used to represent the specific business document associated with the defined business process.</i>
toRole	<i>The role receiving the document in a business document exchange.</i>

**Used in**

Pip4B3NotifyOfConsumption

**ProductConsumptionConfirmation**

**Definition**

The collection of business properties that identifies consumption notice number, date and quantity of the

**Children**

ConsumptionNoticeNumber	<i>Sub-line identifier of consumption signal within Consumption Notice document. Unique number assigned to a consumption to be used by the material supplier and buyer for invoice and inventory reconciliation purpose.</i>
materialConsumptionDate	<i>Date material was consumed by customer.</i>
ProductQuantity	<i>A quantity specifying the number of product units.</i>

**Used in**

46 ProductIdentification

**ProductIdentification**

**Definition**

The collection of business properties that describe proprietary and global identifier information regarding

**Children**

GlobalProductIdentifier	<i>Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).</i>
PartnerProductIdentification	<i>The collection of business properties that describe proprietary part information.</i>
ProductConsumptionConfirmation	<i>The collection of business properties that identifies consumption notice number, date and quantity of the Consumption Notice</i>

**Used in**

40 ConsumptionProduct

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

<b>ProductQuantity</b>	<b>Type</b> Real	<b>Min</b> 1
------------------------	------------------	--------------

**Definition**

A quantity specifying the number of product units.

**Used in**

42 InventoryProductQuantity  
52 ProductConsumptionConfirmation

<b>ProprietaryDocumentIdentifier</b>	<b>Type</b> String	<b>Min</b> 1
--------------------------------------	--------------------	--------------

**Definition**

Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.

**Used in**

3 ConsumptionIdentifierReference  
73 thisDocumentIdentifier

<b>ProprietaryProductIdentifier</b>	<b>Type</b> String	<b>Min</b> 1
-------------------------------------	--------------------	--------------

**Definition**

An internal identifier used to identify a product.

**Used in**

48 PartnerProductIdentification

**telephoneNumber**

**Definition**

The numerical schema designed to achieve contact via telephone.

**Children**

CommunicationsNumber	<i>The electro-technical communication number, e.g., telephone number, facsimile number, pager number.</i>
----------------------	--

**Used in**

60 ContactInformation

**thisDocumentGenerationDateTime**

**Definition**

The date-time stamp indicating when this business document was generated.

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

---

**Children**

DateTimeStamp

*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*

---

**Used in**

Pip4B3NotifyOfConsumption

---

**thisDocumentIdentifier**

---

**Definition**

The information that identifies the business document being sent. This identifier is used to represent the

---

**Children**

ProprietaryDocumentIdentifier

*Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.*

---

**Used in**

Pip4B3NotifyOfConsumption

---

**toRole**

---

**Definition**

The role receiving the document in a business document exchange.

---

**Children**

PartnerRoleDescription

*The collection of business properties that describe a business partners' role in a partner interface process.*

---

**Used in**

Pip4B3NotifyOfConsumption

---

**unitPrice**

---

**Definition**

Agreed upon sale price for each unit ordered.

---

**Children**

FinancialAmount

*The collection of business properties that describe the monetary amount defined by a specified currency.*

---

**Used in**

40 ConsumptionProduct

**Pip4B3NotifyOfConsumption**

Version: 4B3 NotifyOfConsumption V01\_00\_00; 1; INBOUND

---

**xsd:string**

---

**Used in**

2 DateTimeStamp  
4 GlobalDocumentReferenceTypeCode  
5 ProprietaryDocumentIdentifier  
8 GlobalPartnerReferenceTypeCode  
13 GlobalBusinessIdentifier  
19 FreeFormText  
23 GlobalPartnerClassificationCode  
41 GlobalProductUnitOfMeasureCode  
43 GlobalInventoryCode  
44 ProductQuantity  
45 LineNumber  
49 GlobalPartnerClassificationCode  
50 ProprietaryProductIdentifier  
53 ConsumptionNoticeNumber  
54 DateTimeStamp  
55 ProductQuantity  
57 GlobalCurrencyCode  
58 MonetaryAmount  
61 FreeFormText  
62 EmailAddress  
64 CommunicationsNumber  
65 GlobalPartnerRoleClassificationCode  
68 GlobalBusinessIdentifier  
69 GlobalSupplyChainCode  
70 GlobalPartnerClassificationCode  
71 GlobalDocumentFunctionCode  
72 DateTimeStamp  
73 ProprietaryDocumentIdentifier  
80 GlobalPartnerRoleClassificationCode  
83 GlobalBusinessIdentifier  
84 GlobalSupplyChainCode  
85 GlobalPartnerClassificationCode