

M128 Export shipment subscription (xml-in)

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Goal

With this message a subscription can be taken on a booking number to receive all known export shipment information from the PCS.

Glossary of terms

Booking	By the forwarder reserved capacity on a ship for the transport of containers.
Booking number	By the shipping agent issued number to identify a certain booking.
ECS	<i>Export Controle Systeem</i> System of Customs for the registration of export shipments leaving the European Union (EU).
ECS Notification	Service of the PCS supporting the registration of export shipments.
Export declaration	Declaration of the forwarder at the local Customs of goods (a shipment) leaving the EU in between 90 days.
Export shipment	The export goods mentioned at one export declaration. An export shipment is defined as a combination of one Customs document (type and number) and one or more related equipments (with booking number).
Exporter	Party organizing the transport and Customs affairs of his own goods entering or leaving the EU.
Forwarder	Party organizing the transport and Customs affairs of goods entering or leaving the EU, in order of his contractor.
Groupage container	Container containing more than one export shipment.
MRN	<i>Movement Reference Number</i> Number in ECS (and also other Customs systems) identifying the export declaration.
Notification export shipment	An electronic message from the forwarder to the PCS-service <i>ECS Notification</i> to register the relationship between an Customs export declaration (document type and number), the booking number of the shipping agent and the container(s) the goods of the export declaration are packed in.
Notify party	Forwarder or other interested party of the Customs export declaration, not registering the export shipment in the PCS by itself, but although interested in notifications about the Customs state of the shipment.
PCS	<i>Port Community System</i> System for the interchange of data in the logistic process of a port.

Response messages

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Message definition

Global

- The maximum allowed file size of an interchange is 4 MB.
- Empty tags will be left away.

Message header (Standard Business Document)

Definitions of the header tags can be found in the table beneath.

Remark: the number of pipeline characters ('|') before each tag indicates the level (Lv) of the tag in the message header.

Header prolog: <?XML version="1.0" encoding="UTF-8"?>¹

Lv	Header tag	Occ.	Description	Remarks
	<StandardBusinessDocument>	1x (M)	The name of the XML tag required to wrap the SBDH and the SBD.	
	<StandardBusinessDocumentHeader>	1x (M)	The name of the XML tag that contains the tags and contents of the SBDH. When the separate MIME part packaging approach is used this tag becomes the root of the generated XML Instance Document.	
	<HeaderVersion>	1x (M)	Descriptor which contains versioning information or number of the standard that is used in the SBDH only. This version information is not the same as the version information of the document.	
		Header version: '2.2'		
	<Sender>	1x (M)	Logical party representing the organization that has created the standard business document.	
	<Identifier Authority="[party name]">	1x (M)	Descriptor with information to identify the sending party.	The identifying PCS short name of the party, char(25). This short name will be defined at configuration of the party in the PCS.
		Authority (tag attribute): 'Portbase'		
		BDM-mapping: Entity: Company Attribute: shortName Relationship: Booking Subscription 'made by' Company		

¹ The coding is not restricted to 'UTF-8', other codings are possible after consultation.

Lv	Header tag	Occ.	Description	Remarks
III	<ContactInformation>	0-1x (O)	Information about the contact for this document	
III	<Contact>	0-1x (O)	Contact for business	<contact name> (to be defined, char(35))
III	<EmailAddress>	0-1x (O)	E-mail address of the contact	<contact mail address> (to be defined, char(50))
III	<FaxNumber>	0-1x (O)	Fax number of the contact	<contact fax number> (to be defined, char(15))
III	<TelephoneNumber>	0-1x (O)	Telephone number of the contact	<contact fax number> (to be defined, char(15))
III	<ContactTypeIdentifier>	0-1x (O)	Role of the contact in this business process	<contact role> (to be defined, char(35))
II	<Receiver>	1x (M)	Logical party representing the organization that receives the SBD.	
III	<Identifier Authority="[party name]">	1x (M)	Descriptor with information to identify the receiving party.	
		<u>Identifier:</u> 'NLRTPCS' <u>Authority (tag attribute):</u> 'Portbase'		
II	<DocumentIdentification>	1x (M)	Characteristics containing identification about the document.	
III	<Standard>	1x (M)	The originator of the type of the Business Data standard.	
		<u>Standard:</u> 'standardBusinessDocument.xsd'		
III	<TypeVersion>	1x (M)	Descriptor which contains versioning information or number of the standard that defines the document which is specified in the 'Type' data element.	
		<u>Type version:</u> '1.0'		
III	<InstanceIdentifier>	1x (M)	Descriptor which contains reference information which uniquely identifies this instance of the SBD between the sender and the receiver. This identifier identifies this document as distinct from others. There is only one SBD instance per Standard Header.	To be assigned to message by the message sender, (char(35))

Lv	Header tag	Occ.	Description	Remarks
III	<Type>	1x (M)	A logical indicator representing the type of Business Data being sent or the named type of business data. This attribute identifies the type of document and not the instance of that document. The instance document or interchange can contain one or more business documents of a single document type or closely related types. The industry standard body (as referenced in the 'Standard' element) is responsible for defining the Type value to be used in this field (e.g. 'Order').	
		Type: 'Export shipment subscription XML (in)'		
III	<CreationDateAndTime>	1x (M)	Descriptor which contains date and time of SBDH/document creation.	To be set by message sender. Type xs:dateTime
II	<BusinessScope>	1x (O)	The business scope of the SBD.	Not processed.
III	<Scope>	1x (M)	Indicates the type of scope, the identifiers for the scope, other supporting information and the scope content itself. The importance of the Scope is that it allows the SBDH to operate under auspices of an agreement	
III	<Type>	1x (M)	Indicates the kind of scope	
		Type: 'production' 'test'		
III	<InstanceIdentifier>	1x (M)	An unique descriptor that identifies the "contract" or "agreement" that this instance relates to.	To be assigned to message by the message sender, (char(35)).

Message body (Document Content)

The message body contains the following tags:

Lv	Body tag	Occurrence	Description	Remarks
I	<documentContent totalNumberOfContentBodies=[#]>	1-99x (M)	Start of the actual content of the document. The tag attribute contains the number of contentBodies sent in the documentContent.	In case of sending an interchange the <documentContent> is repeated. Number of content bodies is <i>always</i> "1"
II	<contentHeader>	1x (M)	Start of the header information for the body.	
III	<contentType>	1x (M)	Identification of the content type.	
		Content type: 'Export shipment subscription'		
III	<contentVersion>	1x (M)	Descriptor which contains versioning information or number of the document.	
		Content version: '1.0'		
III	<contentStandard>	1x (M)	Reference to the XSD describing the document structure.	
		Content standard: 'ECS_exportshipmentsubscription.xsd'		
III	<contentReference>	1x (M)	Reference uniquely identifying the document.	To be assigned to message by message sender.
III	<contentAction>	1x (M)	Function of the documentContent.	
		Message function: 'original'		
II	<contentBody>	1x (M)	Start of the document.	
III	<booking>	1x (M)	Start of the information about the booking.	
III	<bookingReferenceNumber>	1x (M)	The booking reference number issued by the shipping agent to uniquely identify the booking.	Char(35)
		BDM-mapping: Entity: Booking Subscription Attribute: bookingReferenceNumber		
III	<agentCode>	1x (M)	The shipping agent issuing the booking, coded.	This code will not be matched to any internal PCS code. Used to make sure the bookingNumber will be unique. Char(10).
		BDM-mapping: Entity: Booking Subscription Attribute: handlingAgentCode		

Example

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<?xml version="1.0" encoding="UTF-8" ?>
<StandardBusinessDocument>
  <StandardBusinessDocumentHeader>
    <HeaderVersion>2.2</HeaderVersion>
    <Sender>
      <Identifier Authority="Portbase">TERMA</Identifier>
      <ContactInformation>
        <Contact>degroot</Contact>
        <EmailAddress>degroot@terma.com</EmailAddress>
        <ContactTypeIdentifier>terminal</ContactTypeIdentifier>
      </ContactInformation>
    </Sender>
    <Receiver>
      <Identifier Authority="Portbase">NLRTMPCS</Identifier>
    </Receiver>
    <DocumentIdentification>
      <Standard>standardBusinessDocument.xsd</Standard>
      <TypeVersion>1.0</TypeVersion>
      <InstanceIdentifier>instanceID123</InstanceIdentifier>
      <Type>Export shipment subscription XML (in)</Type>
      <CreationDateAndTime>2008-11-10T15:04:40+01:00</CreationDateAndTime>
    </DocumentIdentification>
  </StandardBusinessDocumentHeader>
  <documentContent totalNumberOfContentBodies="1">
    <contentHeader>
      <contentType>Export shipment subscription</contentType>
      <contentVersion>1.0</contentVersion>
      <contentStandard>ECS_exportshipmentsubscription.xsd</contentStandard>
      <contentReference>documentContentID789</contentReference>
      <contentAction>original</contentAction>
    </contentHeader>
    <contentBody>
      <booking>
        <bookingReferenceNumber>DF123456</bookingReferenceNumber>
        <agentCode>EVGG</agentCode>
      </booking>
    </contentBody>
  </documentContent>
</StandardBusinessDocument>
```