

## **M129 Export shipment information (xml-out)**

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## Goal

With this message the export shipments known for a booking number are reported to the terminal subscribed to it.

## Glossary of terms

Booking	By the forwarder reserved capacity on a ship for the transport of transport equipments (e.g. container or other type of equipment)..
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 equipment	Transport equipment 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 transport equipment(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"?>

Lv	Header tag	Occurrence	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.	
		Identifier: 'NLRTMPCS'  Authority (tag attribute): 'Portbase'		
	<ContactInformation>	0-1x (O)	Information about the contact for this document	
	<Contact>	0-1x (O)	Contact for business	
		BDM-mapping: Entity: <b>User</b> Attribute: <i>concatenation of firstName &amp; lastName</i>  The User must be the user 'Service Desk' of the Company 'Portbase'.		
	<EmailAddress>	0-1x (O)	E-mail address of the contact	

Lv	Header tag	Occurrence	Description	Remarks
		BDM-mapping: Entity: <b>User</b> Attribute: <b>defaultEmailAddress</b>  The User must be the user 'Service Desk' of the Company 'Portbase'.		
III	<FaxNumber>	0-1x (O)	Fax number of the contact	
III	<TelephoneNumber>	0-1x (O)	Telephone number of the contact	
		BDM-mapping: Entity: <b>User</b> Attribute: <b>defaultPhoneNumber</b>  The User must be the user 'Service Desk' of the Company 'Portbase'.		
III	<ContactTypeIdentifier>	0-1x (O)	Role of the contact in this business process	Not used.
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.	The identifying PCS short name of the party, char(25). This short name will be defined at configuration of the party in the PCS.  In case the reason of rejection was an invalid message sender identifier (error code 143), then the original value of the identifier must be returned here.
		Authority (tag attribute): 'Portbase'		
		BDM-mapping: Entity: <b>Company</b> Attribute: <b>shortName</b> Relationship: Booking Subscription ' <b>made by</b> ' Company		
II	<DocumentIdentification>	1x (M)	Characteristics containing identification about the document.	
III	<Standard>	1x (M)	The originator of the type of the Business Data standard.	
		Standard: '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.	
		Type version: '1.0'		

Lv	Header tag	Occurrence	Description	Remarks
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))
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').	
		<u>Type:</u> 'Export shipment information (out)'		
III	<CreationDateAndTime>	1x (M)	Descriptor which contains date and time of SBDH/document creation.	To be set by message sender.  <i>Type</i> xs:dateTime
II	<BusinessScope>	1x (O)	The business scope of the SBD.	Not used.
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	
		<u>Type:</u> '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=[#]>	1x (M)	Start of the actual content of the document.  The tag attribute contains the number of contentBodies sent in the documentContent.	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 information'		
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_exportshipmentinformation.xsd'		
III	<contentReference>	1x (M)	Reference uniquely identifying the document.	To be assigned to message by message sender. Is always equal to the instance identifier.
III	<contentAction>	1x (M)	Function of the documentContent.	
		Message function: 'original'		
II	<contentBody>	1x (M)	Start of the document.	
III	<bookingResults>	1x (M)	Start of the results of the booking number subscription.	
III	<sequenceNumber>	1x (M)	For each message sent for the same booking reference number this sequence number will be headed up.	Start with '1'.
		BDM-mapping: Entity: <b>Booking Subscription</b> Attribute: <b>numberOfMessages</b>  Processing: current <b>numberOfMessages</b> + 1		
III	<bookingReferenceNumber>	1x (M)	The booking reference number issued by the shipping agent to uniquely identify the booking. The receiver of this message has subscribed to this booking.	Char(35)
		BDM-mapping: Entity: <b>Booking Subscription</b> Attribute: <b>bookingReferenceNumber</b>		

Lv	Body tag	Occurrence	Description	Remarks
	<agentCode>	1x (M)	The shipping agent issuing the booking, coded.	As reported by the terminal in the subscription message. Char(10).
		BDM-mapping: Entity: <b>Booking Subscription</b> Attribute: <b>handlingAgentCode</b>		
	<equipment>	1-Nx (M)	The transport equipment that is part of the booking.	
	<equipmentNumber>	1x (M)	Unique number of the transport equipment.	Char(17)
		BDM-mapping: Entity: <b>Loading Equipment Main Carriage</b> Attribute: <b>equipmentNumber</b>		
	<equipmentGrossWeight>	1x (O)	The gross weight of the goods in the transport equipment.	Num(5), positive number.
		BDM-mapping: Entity: <b>Loading Equipment MC Execution</b> Attribute: <b>grossWeight</b>		
	<weightUnit>	1x (C)	The weight unit, coded.	In case 'equipment gross weight' is filled, required.
		Weight unit: 'KGM' Kilogram		
	<customsDocument>	1-Nx (M)	Start of the Customs document.	
	<documentType>	1x (M)	The customs document type as used in the RTO administration, coded.	Char(5)
		BDM-mapping: The RTO document type of this export shipment has to be determined by execution of scenario SR30-3 (see document SR-30 ECS Notificatie).  The determination is based on the 'having registered document classified by' <b>Document Type.documentCode</b> and the <b>Company.companyId</b> of the receiving organisation (terminal) of this message.  <i>! Because this message is sent to a terminal organisation the document types will be the document types as used in the RTO administration. This RTO document type will always be determined again at sending this message and the optional available relationship 'having RTO document classified by' will <b>not</b> be used here. This is because the receiving organization is not necessary equal to the organization for which the RTO document type is determined and persisted.</i>		
	<documentNumber>	1x (M)	The unique customs document number.	Char(27)
		BDM-mapping: Entity: <b>Customs Export Shipment</b> Attribute: <b>customsDocumentNumber</b>		
	<shipmentGrossWeight>	1x (O)	The gross weight of the total export shipment the customs document belongs to.	Num(7), positive number.

Lv	Body tag	Occurrence	Description	Remarks
		<u>BDM-mapping:</u> <i>Entity:</i> <b>Customs Export Shipment</b> <i>Attribute:</i> <b>shipmentGrossWeight</b>		
	<shipmentPerEquipmentGrossWeight>	1x (O)	The shipment gross weight per equipment.	Num(7), positive number.
		<u>BDM-mapping:</u>  In case this Customs Export Shipment relates to 1 Loading Equipment Main Carriage: <i>Entity:</i> <b>Customs Export Shipment</b> <i>Attribute:</i> <b>shipmentGrossWeight</b> (when 'null', fill with '0')  In case this Customs Export Shipment relates to more than 1 Loading Equipment Main Carriage that are not related to other Customs Export Shipment(s): <i>Entity:</i> <b>Loading Equipment MC Execution</b> (of the Loading Equipment Main Carriage mentioned in the tag <equipment>) <i>Attribute:</i> <b>grossWeight</b> (when 'null', fill with '0')  In other cases the tag <shipmentPerEquipmentGrossWeight> is filled with '0'.		
	<weightUnit>	1x (C)	The weight unit, coded.	In case 'shipment gross weight' is filled, required.
		<u>Weight unit:</u> 'KGM' Kilogram		



**Example**

```
<?xml version="1.0" encoding="UTF-8" ?>
<StandardBusinessDocument>
  <StandardBusinessDocumentHeader>
    <HeaderVersion>2.2</HeaderVersion>
    <Sender>
      <Identifier Authority="Portbase">NLRTMPCS</Identifier>
      <ContactInformation>
        <Contact>Portbase Service Desk</Contact>
        <EmailAddress>servicedesk@portinfolink.com</EmailAddress>
        <TelephoneNumber>+3110-2522222</TelephoneNumber>
      </ContactInformation>
    </Sender>
    <Receiver>
      <Identifier Authority="Portbase">TERMA</Identifier>
    </Receiver>
    <DocumentIdentification>
      <Standard>standardBusinessDocument.xsd</Standard>
      <TypeVersion>1.0</TypeVersion>
      <InstanceIdentifier>instanceID345</InstanceIdentifier>
      <Type>Export shipment information (out)</Type>
      <CreationDateAndTime>2008-11-10T15:10:25+01:00</CreationDateAndTime>
    </DocumentIdentification>
  </StandardBusinessDocumentHeader>
  <documentContent totalNumberOfContentBodies="1">
    <contentHeader>
      <contentType>Export shipment information</contentType>
      <contentVersion>1.0</contentVersion>
      <contentStandard>ECS_exportshipmentinformation.xsd</contentStandard>
      <contentReference>documentContentID456</contentReference>
      <contentAction>original</contentAction>
    </contentHeader>
    <contentBody>
      <bookingResults>
        <sequenceNumber>1</sequenceNumber>
        <bookingReferenceNumber>DF123456</bookingReferenceNumber>
        <agentCode>EVGG</agentCode>
        <equipment>
          <equipmentNumber>NOPU1234567</equipmentNumber>
          <equipmentGrossWeight>12000</equipmentGrossWeight>
          <weightUnit>KGM</weightUnit>
          <customsDocument>
            <documentType>EX</documentType>
            <documentNumber>07NL123456789</documentNumber>
            <shipmentGrossWeight>12000</shipmentGrossWeight>
            <shipmentPerEquipmentGrossWeight>12000
              </shipmentPerEquipmentGrossWeight>
            <weightUnit>KGM</weightUnit>
          </customsDocument>
        </equipment>
      </bookingResults>
    </contentBody>
  </documentContent>
</StandardBusinessDocument>
```