TRANSPORT ASSIGNMENT

Messaging User Guide (XML)

XML Messaging Guide for the Transport Details Assigment in valenciaportpcs.net's Inland Transport Service.

CONTENTS

1 // Introduction

1.1 // Track changes

Version	Parts that Change	Change description
10th March 2011	--	Original version
12th May 2011	Chapters 1.4 and 2	Comments added about the message configuration per container
	Chapter 6.3.2	Additional details included about the subcontracting process (active or passive)
	Chapter 6.3.3	The Transport Agent party (TRANSPORT_AGENT code) has been eliminated, to show operations for each container. The Transport Operator must be given a code.
	Chapter 6.4	The Transport Agent has been added
	Chapter 6.6	New chapter: Details about the Transport Agent contracted to transport a specific container in the document
	Chapters 6.1.2, 6.2.2, 6.3.2, 6.5.2	Comments added about validations or additional instructions for certain data
	Chapter 7	Examples adapted to incorporate existing changes
22nd June, 2011	Chapter 2	Added comment about when configuration indicates to send messages with a single container each
29th September, 2011	Chapter 2	Added Logistics Operator to message flow
	Chapters 6.3 and 6.6	Added validations for contact persons and contact details, and increased maximum size of contact details.
	Chapter 7	Fixed mistakes in the example
24th January, 2012	Full document	Complete revision after go-live of new version of the service. Removal of references to Transition Phase.
8th May, 2012	Full document	Complete revision after adding functionality for independent Release and Acceptance Orders. Included new data for message version v1.1 identified in the data tables in grey.
20th November, 2012	Chapters 6.1.2 and 6.4.2	Added explanation of existing validations regarding messages involving subcontracting.
15th March, 2013	Chapter 6.2.2	Clarification about assigning a Release Order and an Acceptance Order at the same time.
20th April, 2013	Chapter 6.2.2	Associated Release and Acceptance Orders will be subcontracted at the same time if the Transport agent is indicated in one of them.
29th April, 2015	6.7.3. Elements	The size of the fields TruckPlateNumber and TrailerPlateNumber has been increased from 9 to 35.

	6.8.3. Elements	
December 14th, 2015	6.3.2. Comments 6.6.2. Comments	It is not possible to repeat a contact detail for the same type of contact.
April 29th, 2021	6.7.2. Comments 6.8.2. Comments	New validations, at ReleaseDetails and AcceptanceDetails level, so that the estimated Release/Acceptance date is in the range between the valid-from date and the expiry date.
November 23th, 2021	6.7.2. Comments 6.8.2. Comments	New driver name and identification validations.
January 19th, 2022	6.7.2. Comments 6.8.2. Comments	Driver data validations updated.
January 27th, 2022	6.7.2. Comments 6.8.2. Comments	Added comment about NIF obfuscation.

(*) The track changes table features the parts of this document which have changed compared to the previous version.

1.2 // Object

The object of this document is to define the user guide for the XML message corresponding to valenciaportpcs.net's Transport Details Assignment.

The Transport Assignment is part of the **new** message flow which the valenciaportpcs.net portal has created to facilitate exchanges of documents concerned with the management of Valenciaport's Inland Transport system.

1.3 // Scope

The Transport Assignment message is part of a set of messages created by valenciaportpcs.net to organise road transport between contracting parties, transport providers, container providers and release and acceptance companies.

It aims to enable the transport provider to provide certain information concerning the transport (the vehicles assigned, for example) or the specific operation (actual loading/unloading dates, the plate number of an empty container which has been collected, etc.).

Therefore, this guide can be used by parties who have a Transport Assignment **sender** profile (Road Transport Operators, and Transport Agents) as well as those with an assignment **recipient** profile (Logistics Operators and Shipping Agents, who are normally the contracting parties, as well as Release and Acceptance Companies).

With this new version of the service, the transport documents managed by valenciaportpcs.net is **not** restricted to a sole consignment of just one container. Instead **several containers** can be included in a single document. As will be explained later, the recipients of a Transport Document will be able to choose whether to receive the divided documents in messages which each contain a single container. However, each document will have to be linked to a single **shipment**, i.e. one sole Booking or Bill of Lading reference.

1.4 // Contents

This guide is divided up into different chapters as shown below:

- Chapter 1 – Introduction
- Chapter 2 – Message flows between the agents and valenciaportpcs.net.
- Chapter 3 – Table featuring all the details contained in the Transport Assignment message, as well as remarks about the mandatory nature of certain details and other validations.
- Chapter 4 – General comments about message details, formats, lists used, identification of mandatory data
- Chapter 5 – General structure of the Transport Assignment message (XSD schema).
- Chapter 6 – Details of the Transport Assignment structure for each of the elements that makes up the message.
- The last chapter contains an example of a complete Transport Assignment message.

1.5 // Abbreviations and acronyms

Term	Meaning
AC	Acceptance Company
CC	Contracting Company, Contracting Party
CP	Container Provider
ISO	International Standards Organization
LO	Logistics Operator, Freight Forwarder
PAV	Port Authority of Valencia, or Valenciaport
PCS	valenciaportpcs.net
RC	Release Company
SA	Shipping Agent
SCAC	Standard Carrier Alpha Code
TA	Transport Agent
TO	Transport Operator
UN/LOCODE	United Nations Code for Trade and Transport Locations
UTD	Unified Transport Document
Code	Organization code in valenciaportpcs.net

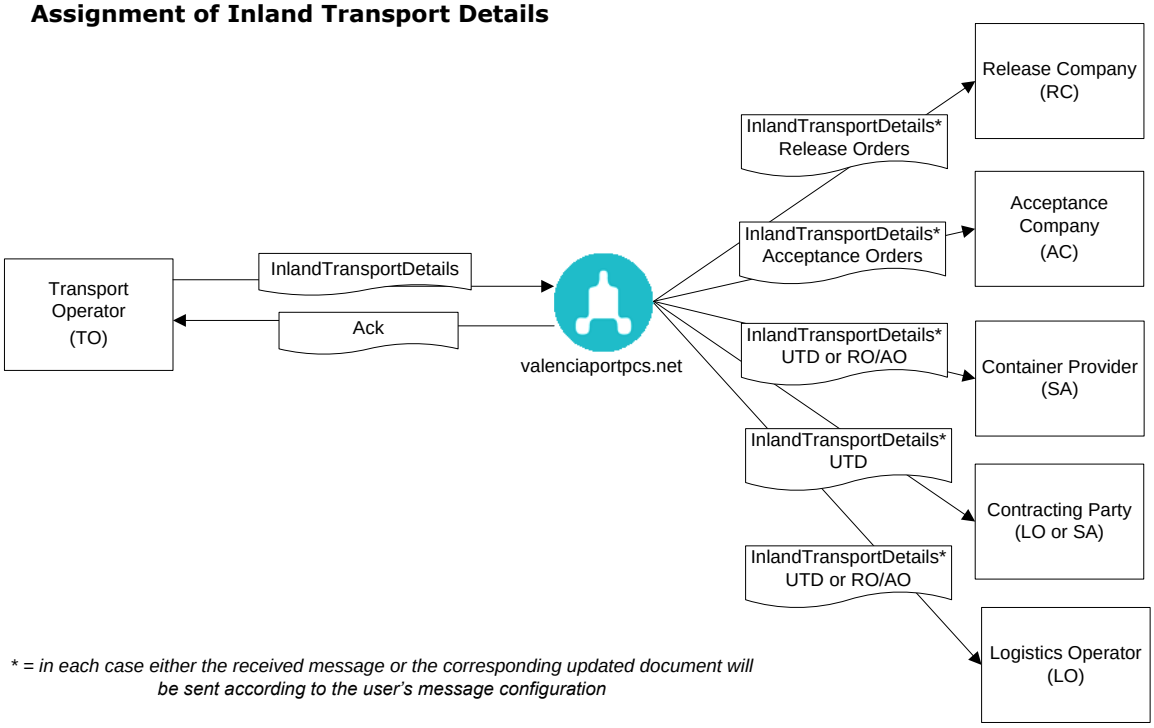
1.6 // Related documents

The following documents describe the rest of the messages available in XML format for the Inland Transport Service of valenciaportpcs.net:

- *PCS12-TRANS007__Visión General Transporte Fase 2*
- *PCS11-TRANS003__Messaging User Guide DUT (XML).docx*
- *PCS11-TRANS004__Messaging User Guide Release and Acceptance Orders (XML).docx*
- *PCS12-TRANS004__Messaging User Guide Multiple Release and Acceptance Orders (XML).docx*
- *PCS11-TRANS006__Messaging User Guide Release and Acceptance Confirmation (XML).docx*
- *PCS11-TRANS007__Messaging User Guide Acknowledgment (XML).docx*

2 // Message flow

Assignment of Inland Transport Details



When a UTD or Unified Transport Document, a Release Order or an Acceptance Order is updated in this way (a Transport Assignment), the agents involved in the UTD will also receive this update. In general, the user can choose to receive the message which updated the UTD (for example, the *InlandTransportDetails* which correspond to the Transport Assignment). Alternatively, the system can add these details to the document and send a message with the new complete version of the document (which will be a UTD, a Release Order or an Acceptance Order, depending on the type of document that was assigned).

As previously mentioned, the recipients of a UTD update will be able to choose whether to ask valenciaportpcs.net to configure their profile so they can receive each multi-container UTD as **N UTD messages with a single container in each one.** The details which are common to the complete UTD will be identical in each of these messages, and they will each contain the details of only one of the N containers in the UTD.

In this scenario, it is important to mention a difference for those receiving a complete UTD versus those who receive it container by container. For the first ones, replacements will always contain the last valid version of the transport to be performed; if, for instance, in an original there were 5 containers and the replacement arrives with 4, this means that a container has been "cancelled". However, those choosing to receive the UTD container by container, in the previous scenario will receive a cancellation message to indicate the container whose transport must not be undertaken any longer.

3 // Details and validations

The following table shows the sets of data which can be sent in a Transport Assignment, together with certain remarks about their mandatory nature and other validations.

Details	Remarks
Involved parties	
Transport Operator details	The specific details of the company (name, address, contact names), and the reference for this transport and the transport authorization number can be included.
Remarks	
Remarks from the Transport Operator	
Containers	
Container plate number	A new number will only be accepted if the Container Provider authorizes the transport agents to modify this information
Container item number	Mandatory
GPS coordinates of each loading/unloading place	
Loading/unloading date estimated by the transport company	
Actual loading/unloading dates (both start and end of operations)	
Transport Agent details	The final, subcontracted Transport Agent (along with details of the company) can also be informed
Transport details on release	
Journey number	
Truck plate number	Mandatory
Trailer/s plate number/s	
Estimated release date	This cannot be later than the acceptance date
Seal numbers	
Driver details (name, national identity number, phone number)	
Transport details on acceptance	
Journey number	
Truck plate number	
Trailer/s plate number/s	
Estimated acceptance date	This cannot be earlier than the release date
Seal numbers	
Driver details (name, national identity number, phone number)	

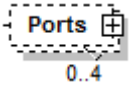
To identify the document to which the details of this Transport Assignment must be added, the document number, or in its absence, the Contracting Party's reference and identifier, must be provided. Only the Transport Operator indicated by the Contracting Party in the original document can assign the transport.

4 // Special considerations: format and content

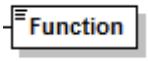
4.1 // Mandatory nature, cardinalities, sizes and types

The specifications of the schema for the Transport Assignment XML document have been drawn up on the basis of the following premises and considerations:

- The cardinalities of each element, the maximum sizes and the types of data have been established according to the operational needs of valenciaportpcs.net's users.
- Each element's cardinality is indicated as follows:



- The types of data and maximum sizes are shown in each element table (the different types used and their meaning is described in the following chapter).
- The mandatory data is marked:
    - As a schema: represented as a solid line



    - In the element table: marked with an “M”

Function	Message function Accepted values: • ***ORIGINAL*** • ***REPLACE*** • ***CANCELLATION***	***M***	***an..35***

N.B.: details may not be mandatory according to the schema, but may subsequently be defined as mandatory (in a detailed validation in the remarks section) and may thus be marked in the element table.

- The optional data is marked:
    - As a schema: represented as a broken line

    - In the element table: marked with an “O”

Version	Message version Accepted values: • ***1.0***	O	an..5

- The conditional data is marked:
    - In the element table: marked with a “C”

LoadingVesselDetails	Group of elements which contains details about the vessel loading the containers.	***C***	

    - Details which appear according to whether certain rules are complied with or other message elements are included. Normally, they are associated

with business rules which appear in the “comments” section of the data group in question.

- The data groups (elements composed in XML, which also contain an ordered sequence of elements) are marked in the element table with a “G” in the “Type” field:

LoadingVesselDetails	Group of elements which contains details about the vessel loading the containers.	C	***G***

- This guide includes the business rules that complement the message schema specification.

4.2 // Data formats and types

4.2.1. Character sets supported

The accepted character code format is UTF-8 or UTF-16, in line with Unicode characteristics and ISO-10646.

4.2.2. Alphanumeric type (<xs:string>)

- The XML alphanumeric type is represented in this guide as “an..NNN”, when NNN indicates the maximum size accepted in the field.

4.2.3. Boolean type (<xs:boolean>)

- The XML boolean type is represented in this guide as “boolean”.
- The accepted values for this type of data are “true” or “1" and "false" or "0".

4.2.4. Numeric types (<xs:positiveInteger> and <xs:decimal>)

- The XML numeric type is represented in this guide as “int” for positive whole numbers and “decimal” for real numbers. There is no whole data that accepts negative numbers.
- Decimals
    - Decimal values should be represented using the dot (‘.’).
        - Example: 10455.12 or 45.8735
    - Group separators should not be used.
        - Example: 10,455.125 is not valid.
    - If the value is logical according to the data (for example, for temperatures), negative numbers can be indicated (by placing a minus sign ‘-‘ in front of them).

4.2.5. Types for date and date/time (<xs:date> and <xs:dateTime>)

- The XML date and time type is represented in this guide as “dateTime” and just the date as “date”.
- Both the date and the date/time must follow the standard XML format:
    - “YYYY-MM-DD” for the date
    - “YYYY-MM-DDThh:mm:ss” for the date/time, where T is a fixed character separator for the date and time fields.

4.3 // Message versions

There are different versions of this message; the original version has been modified (augmented) with new data that have been added in newer versions.

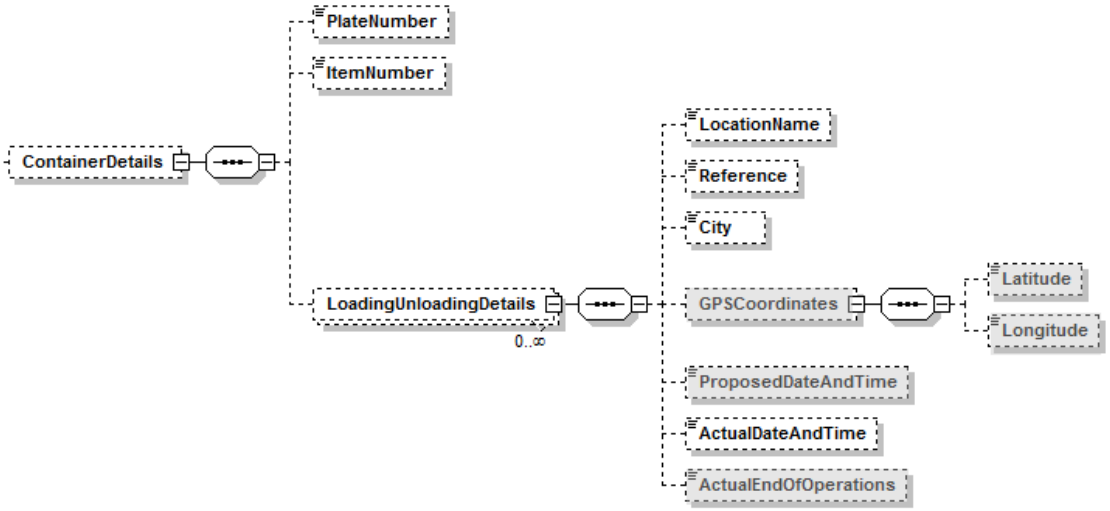
Any version can be sent to valenciaportpcs.net, even though the system always works internally with the latest version and, therefore, with the complete data set.

As for the reception of messages, contact with the Help Desk to inform of the specific version of this message you would like to receive (by default, the latest version will be sent). Logically, if

you choose to receive an older version, the data fields that are not included in such version will not be included in the message and, therefore, will not be received.

The data fields that have been added in the new version of the message are represented in this document always with a grey background. For instance:

- Graphically:

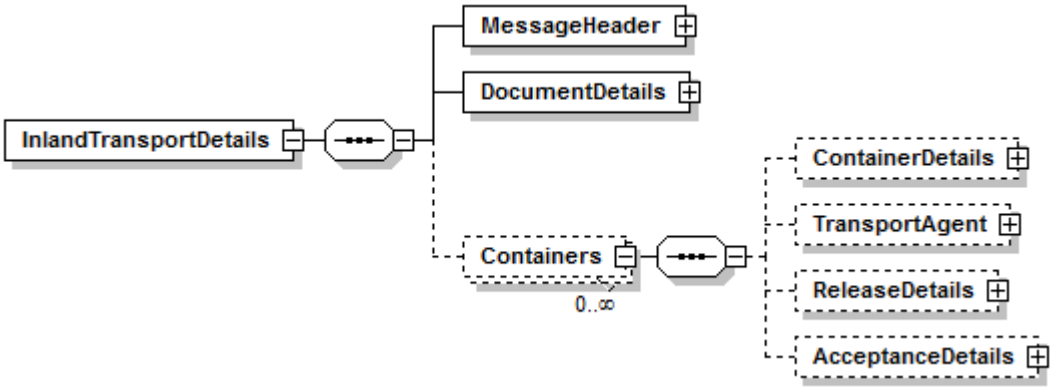


- In the data tables:
-

City	City of the loading/unloading location	O	an..35
GPSCoordinates	Group of elements which indicates the GPS coordinates of the loading/unloading place	O	G
ProposedDateAndTime	Loading/unloading date proposed by the transport company	O	dateTime
ActualDateAndTime	Actual loading/unloading date (when arriving to the location)	O	dateTime
ActualEndOfOperations	Actual loading/unloading date (when leaving the location or finalizing operations)	O	dateTime

5 // Transport Assignment message structure

The message should start with the mandatory heading specified in the XML syntaxis: <?xml version="1.0" encoding="UTF-16"?>, followed by the rest of the message. **The only accepted encoding is UTF (either UTF-8 or UTF-16)**.

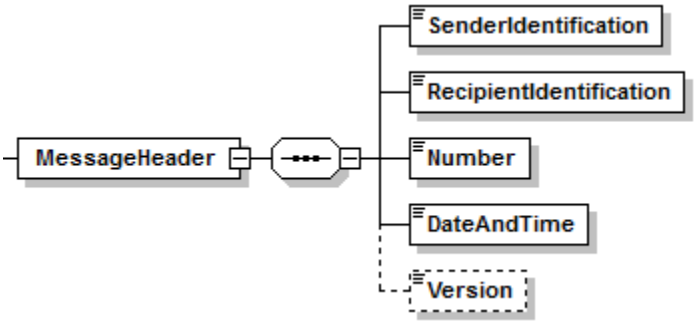


In the following chapters, which describe each of the message segments, the root element (*InlandTransportDetails*) will not be included in the path so as to simplify reading.

6 // Transport Assignment message elements

6.1 // MessageHeader

Level	**1**
Use	Mandatory
Max. Use	1



6.1.1. Purpose

Initial group of elements which identifies and specifies the message details.

6.1.2. Comments

- The message sender (*SenderIdentification*) must coincide with the *Transport Operator* (*Type* = ***TRANSPORT_OPERATOR***) defined in the *DocumentDetails\Parties* element group or with a *Transport Agent* (*Containers/TransportAgent*), either one previously subcontracted in an earlier assignment message or the one that is performing a passive subcontracting (see description of the subcontracting process in section 6.6.2)
- The *SenderIdentification* must be the sending organization's valenciaportpcs.net code, or VAT number (or National Identity Number). If the Company VAT number is used and there is more than one company registered with valenciaportpcs.net with the same VAT number, the "extended" VAT number provided by valenciaportpcs.net should be used to avoid confusion.
- If the message sender is valenciaportpcs.net, the *SenderIdentification* element will contain the value ***VALENCIAPORT***, and the *RecipientIdentification* element will contain the code assigned by valenciaportpcs.net to the organization receiving the message.

6.1.3. Elements

Name	Purpose	M/O	Type
MessageHeader			
SenderIdentification	Code which identifies the message sender	M	an..12
RecipientIdentification	Code which identifies the message recipient Accepted values which can be sent to valenciaportpcs.net: • **VALENCIAPORT**	M	an..12
Number	Unique reference assigned by the sender to identify the message. If sent by valenciaportpcs.net, the reference structure will have the following pattern: **VPRTACCCCCCCCC** Where:	M	an..14

	• **VPRT**: an4. valenciaportpcs.net identification code • **A**: an1. Last digit of the current year. • **CCCCCCCCC**: an..9. Item number which completes the unique identifier.		
DateAndTime	Date and time the message is sent	M	dateTime
Version	Message version Accepted values: • **1.0** • **1.1**	O	an..5

6.1.4. XML example

Message sent

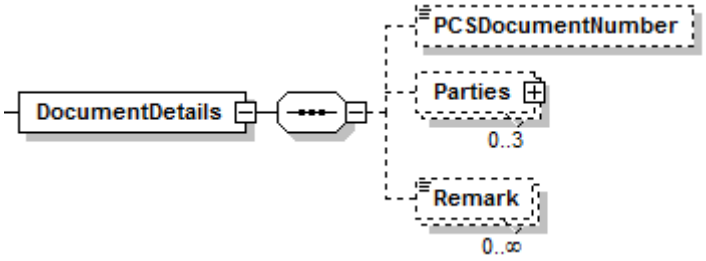
```
<MessageHeader>
    <SenderIdentification>USER</SenderIdentification>
    <RecipientIdentification>VALENCIAPORT</RecipientIdentification>
    <Number>USER0123456789</Number>
    <DateAndTime>2010-12-25T09:30:47</DateAndTime>
    <Version>1.0</Version>
</MessageHeader>
```

Message received

```
<MessageHeader>
    <SenderIdentification>VALENCIAPORT</SenderIdentification>
    <RecipientIdentification>USER</RecipientIdentification>
    <Number>VPRT0123456789</Number>
    <DateAndTime>2010-12-25T09:30:47</DateAndTime>
    <Version>1.0</Version>
</MessageHeader>
```

6.2 // DocumentDetails

Level	**1**
Use	Mandatory
Max. Use	1



6.2.1. Purpose

Group of elements featuring the details which are common to the entire document (i.e. applicable to all the containers in the document).

6.2.2. Comments

- The message sender must identify the document to which the details for this Transport Assignment must be added, either with the document number of the UTD or the Release/Acceptance Order (*PCSDocumentNumber*) or, in its absence, with the Contracting Party's reference if a UTD is being assigned (the *DocumentDetails\Parties\DocumentReference* element where *DocumentDetails\Parties\Type* = '*CONTRACTING_PARTY*') or the Container Provider reference if a Release/Acceptance Order is being assigned (the *DocumentDetails\Parties\DocumentReference* element where *DocumentDetails\Parties\Type* = '*CONTAINER_PROVIDER*).
- If this message is assigning a Release or Acceptance Order that do not belong to a UTD, it is possible to assign **at the same time** both documents (Release and Acceptance Orders) that belong to the same transport operation, simply including the document number or the Container Provider reference of one of those two documents and at least one element with release (*Containers\ReleaseDetails*) or acceptance (*Container\AcceptanceDetails*) data of the other or the subcontracted Transport agent (*Container\TransportAgent*).
- The document number format generated by valenciaportpcs.net is as follows: **CCCCYYMMDDnnnnnnnn,** where *CCCC* is the PCS code of the document sender (the Contracting Company), *YYMMDD* is the date the document was created (year, month, day), and the rest (*nnnnnnnn*) is a sequential number which is reinitiated at the start of each year.
- A document which has previously been cancelled cannot be given a transport assignment.
- At least one of the involved parties must be included in the document (the Transport Operator).

6.2.3. Elements

Name	Purpose	M/O	Type
DocumentDetails			
PCSDocumentNumber	Document number	O	an..35
Parties	Group of elements which contains the agents or parties	M	G

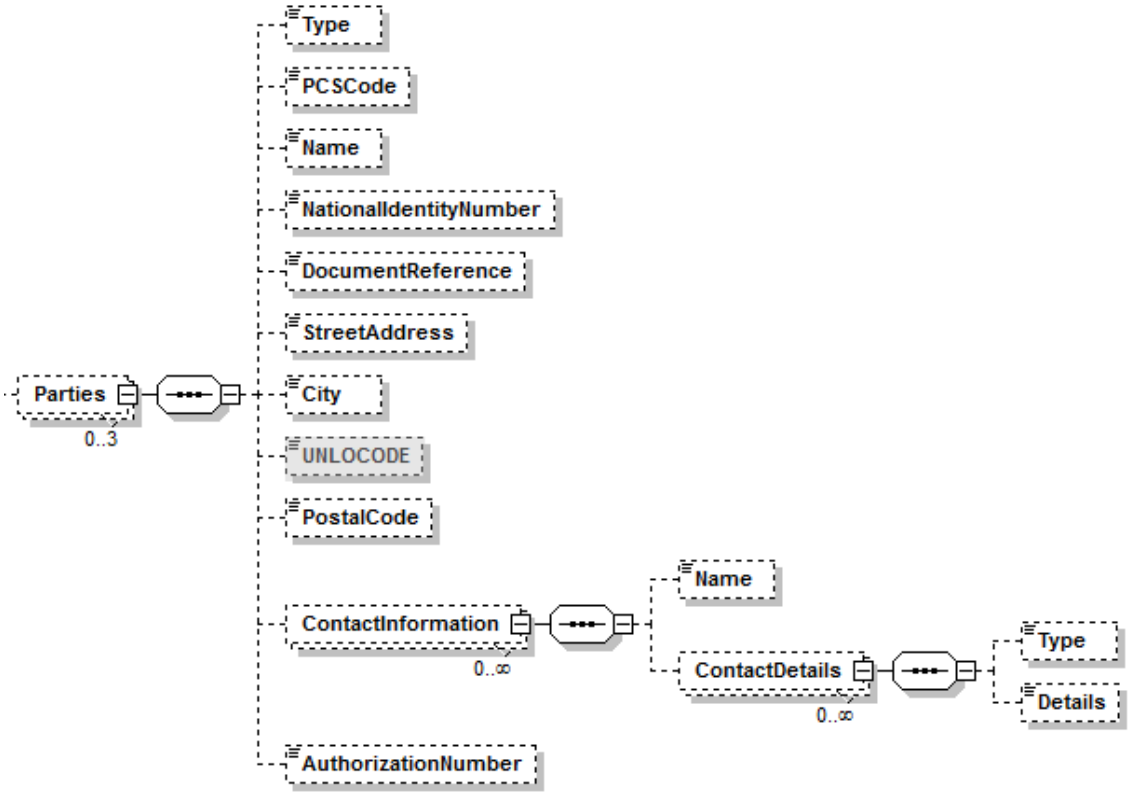
	involved in the document.		
Remark	Free text to include the Transport Operator or Transport Agent's remarks. This type of remark is sent only to the Contracting Party and to the Logistics Operator if transport is Merchant Haulage.	O	an..350

6.2.4. XML example

```
<DocumentDetails>
    <PCSDocumentNumber>USER10122512345678</PCSDocumentNumber>
    <Parties>
    …
    </Parties>
    <Remark>Remarks from the Transport Operator</Remark>
</DocumentDetails>
```

6.3 // DocumentDetails\Parties

Level	2
Use	Mandatory
Max. Use	3



6.3.1. Purpose

Group of elements which contains the agents or parties involved in the document.

6.3.2. Comments

- The party type (*Type*) is mandatory.
- If the valenciaportpcs.net code for an involved party (*PCSCode*) is indicated, it must be a valid code.
- At least one of the following three fields must be included for each party: the valenciaportpcs.net code (*PCSCode*), the name (*Name*) or the National Identity Number (*NationalIdentityNumber*).
- The *Transport Operator* (*Type* = ***TRANSPORT_OPERATOR***) must always be included and given a code (indicate the valenciaportpcs.net code (*PCSCode*) or the National Identity Number (*NationalIdentityNumber*)). In addition, this must coincide with the number indicated in the assigned document.
- If the Contracting Party (*Type* = ***CONTRACTING_PARTY***) when assigning a UTD or the Container Provider (*Type* = ***CONTAINER_PROVIDER***) when assigning a Release/Acceptance Order is included, this information must coincide with that indicated in the assigned document. If it does not, the information included for this party will be ignored.
- The parties involved cannot be repeated.

- If a contact is included (*ContactInformation*), the name of the contact person (*ContactInformation\Name*) is mandatory. If contact details are specified (*ContactInformation\ContactDetails*) for a contact name, the type of contact (*ContactInformation\ContactDetails\Type*) and the contact details (*ContactInformation\ContactDetails\Details*) must be indicated.
- Contacts with the same name for the contact person cannot be repeated.
- When the Contracting Party is indicated (to use their reference as the document identifier), only the details related to this agent's code or National Identity Number (*PCSCode, NationalIdentityNumber*) and their reference (*DocumentReference*) will be processed. The rest of the details (address, contact details. etc.) will be omitted.
- It is not possible to repeat a contact detail for the same type of contact.

The Transport Assignment message can be used to provide information about **subcontracting** the transport. There can be two types of Transport Subcontracting:

- Active – In this case, the Transport Operator contracted by the Contracting Party assigns the transport to a third party.

  To carry out this type of subcontracting through the Transport Assignment message, the Transport Operator must be the message sender, must be included as an involved party (Type = 'TRANSPORT_OPERATOR') and must indicate a new Transport Agent (*Containers/TransportAgent*) for the containers which are included in the document (one or more). The PCS will then send a copy of all the documentation to this Transport Agent so the operation can be carried out.

- Passive – In this case, it is the actual subcontracted Transport Agent that "captures" the document (and the specific container or containers) which they have been sent by the Transport Operator.

  To carry out this type of subcontracting through the Transport Assignment message, the new Transport Agent must be the message sender, and must be included as a Transport Agent (*Containers/TransportAgent*) for the containers which are included in the document. The Transport Agent must also include both the document number (*DocumentDetails/PCSDocumentNumber*) and the original Transport Operator which has subcontracted them (which, as previously mentioned, must be included and given a code as an involved party (Type = 'TRANSPORT_OPERATOR').

If successive Transport Details Assignment messages are sent (without changing the Transport Agent), the flow will be as normal for this type of messages, in which only the details included in this message are added to the UTD. However, **unless otherwise indicated, any original details are not deleted**. This includes cases in which the Transport Operator sends an assignment without a Transport Agent for a subcontracted service. In this situation, the existing Transport Agent will still be valid because the subcontracting service has not been cancelled.

a. To cancel a subcontracting service, the Transport Operator will have to send a message in which they are indicated as the Transport Agent. Thus, the system will understand that all previous subcontracting services are to be cancelled and will delete the previous Transport Agent, as well as sending a cancellation of the document to the aforementioned Transport Agent.

b. If any container has been subcontracted in a previous assignment message, follow-up assignment messages by the Transport Operator must contain a Transport Agent for each of those containers.

6.3.3. Elements

Name	Purpose	M/O	Type
DocumentDetails\Parties			

Type	Code which identifies the type of agent or involved party. Specifies the role that the company involved plays in contracting road transport. Accepted values: • **CONTRACTING_PARTY** • **TRANSPORT_OPERATOR** • **CONTAINER_PROVIDER**	M	an..35
PCSCode	Code assigned by valenciaportpcs.net to this agent or involved party.	C	an..4
Name	Name of the agent or involved party.	C	an..175
NationalIdentityNumber	National Identity Number of the agent or involved party.	C	an..35
DocumentReference	The agent or involved party's reference for this document.	O	an..35
StreetAddress	Address of the agent or involved party (street, number, and other details, except the city and postal code).	O	an..175
City	City of the agent or involved party.	O	an..35
UNLOCODE	United Nations code (UNLOCODE: *United Nations Code for Trade and Transport Locations*) for the city in the previous field	O	an..5
PostalCode	Postal code of the agent or involved party.	O	an..10
ContactInformation	Group of elements which indicates the contact names and details.	O	G
AuthorizationNumber	Transport authorization number. This only needs to be indicated for the Transport Operator.	O	an..35
DocumentDetails\Parties\ContactInformation			
Name	Contact name	M	an..35
ContactDetails	Group of elements which specifies the contact details for this person	O	G
DocumentDetails\Parties\ContactInformation\ContactDetails			
Type	Code which identifies the type of contact details. Accepted values: • **PHONE** • **MOBILE** • **FAX** • **EMAIL**	M	an..10
Details	Contact details (phone number, fax, or email address)	M	an..70

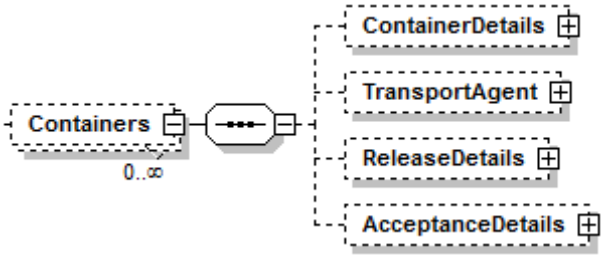
6.3.4. XML example

```
<Parties>
    <Type>CONTRACTING_PARTY</Type>
    <PCSCode>USER</PCSCode>
    <Name>Contracting Party Name</Name>
    <DocumentReference>Ref 1234567890</DocumentReference>
</Parties>
<Parties>
    <Type>TRANSPORT_OPERATOR</Type>
    <PCSCode>CCCC</PCSCode>
    <Name>Transport Operator Name</Name>
    <NationalIdentityNumber>87654321L</NationalIdentityNumber>
    <DocumentReference>Ref 0987654321</DocumentReference>
    <StreetAddress>10, Transport Operator Street</StreetAddress>
    <City>Valencia</City>
    <PostalCode>46000</PostalCode>
    <ContactInformation>
        <Name> Contact 1</Name>
```

```
        <ContactDetails>
            <Type>PHONE</Type>
            <Details>902 333 444</Details>
        </ContactDetails>
        <ContactDetails>
            <Type>EMAIL</Type>
            <Details>contact1@transportoperator.com</Details>
        </ContactDetails>
    </ContactInformation>
    <ContactInformation>
        <Name> Contact 2</Name>
        <ContactDetails>
            <Type>FAX</Type>
            <Details>901 999 888</Details>
        </ContactDetails>
    </ContactInformation>
    <AuthorizationNumber>Transport authorization number</AuthorizationNumber>
</Parties>
```

6.4 // Containers

Level	1
Use	Mandatory
Max. Use	Unlimited



6.4.1. Purpose

Group of elements which contains the containers involved in the contracted road transport, the details of which need to be assigned.

6.4.2. Comments

- At least one container must be indicated.
- If any container has been subcontracted in a previous assignment message, follow-up assignment messages by the Transport Operator must contain a Transport Agent for each of those containers.
- If the sender of the message is a Transport Agent, all containers within the message must have the same subcontracted Transport Agent (either the sender or a newly subcontracted one)

6.4.3. Elements

Name	Purpose	M/O	Type
Containers			
ContainerDetails	Group of elements which contains detailed information about each container	M	G
TransportAgent	Group of elements which contains the details of the definitive (subcontracted) Transport Agent who will transport the container.	C	G
ReleaseDetails	Group of elements which contains information about the Release details for each container.	C	G
AcceptanceDetails	Group of elements which contains information about the Acceptance details for each container.	C	G

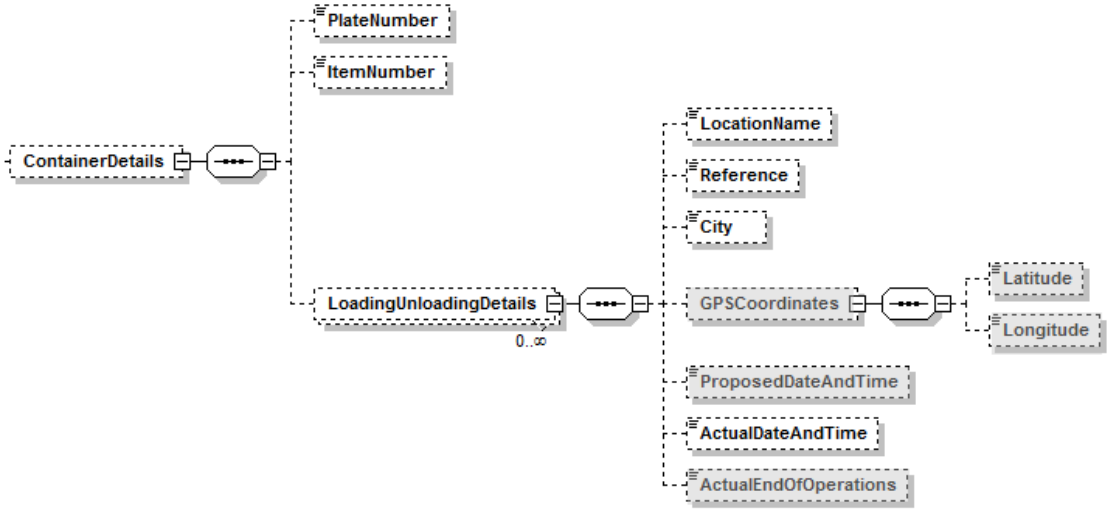
6.4.4. XML example

```
<Containers>
    <ContainerDetails>
    …
    </ ContainerDetails >
    <TransportAgent>
    …
    </TransportAgent>
    <ReleaseDetails>
    …
    </ ReleaseDetails >
```

```
    < AcceptanceDetails >
    …
    </ AcceptanceDetails >
</Containers>
<Containers>
    <ContainerDetails>
    …
    </ ContainerDetails >
    <TransportAgent>
    …
    </TransportAgent>
    <ReleaseDetails>
    …
    </ ReleaseDetails >
    < AcceptanceDetails >
    …
    </ AcceptanceDetails >
</Containers>
```

6.5 // Containers\ContainerDetails

Level	2
Use	Mandatory
Max. Use	1



6.5.1. Purpose

Group of elements which contains detailed information about each container. It is used to provide information about actual loading/unloading dates.

6.5.2. Comments

- The item number for each container must be indicated. This number identifies each container in a multi-container UTD and gives it a unique reference even when container plate numbers are not indicated (for example, in export operations where a specific container is not chosen until the empty one is released).
    - Nevertheless, if the UTD assigned by this message has only one container, the item number will be ignored and that unique container will be the recipient of the assignment data.
- The plate numbers and the item numbers must not be repeated in different containers in the same message.
- If an indicated container plate number (*PlateNumber*) does not coincide with the plate number provided by the Container Provider, it must be ensured that this Container Provider allows the Transport Agent to provide information about the released container. If this is not the case, and the container plate number is changed, the message will be rejected.
- The container plate number (*PlateNumber*) cannot be changed for import operations.
- It is mandatory to include the name of every loading/unloading location (*ContainerDetails\LoadingUnloadingDetails\LocationName*). If the name is not sufficient to identify any of these locations, the reference or the city must also be provided to avoid confusion.
- The GPS coordinates of each loading/unloading place must be entered in **decimal format** (also known as WGS84, or simply GPS format). In this format, latitude is a real number with negative values South of the Equator and positive values North of it, and the longitude is a real number with negative values West of the Greenwich meridian and

positive values East of it. For example, the GPS coordinates for the Port of Valencia are: latitude 39.453774, longitude -0.323517.

- If GPS coordinates are included, both latitude and longitude must be specified.
- If the date/time proposed by the transport company to start operations (*ContainerDetails*\ *LoadingUnloadingDetails**ProposedDateAndTime*) is included for the first time or it is modified in a replacement, it can not be in the past.

6.5.3. Elements

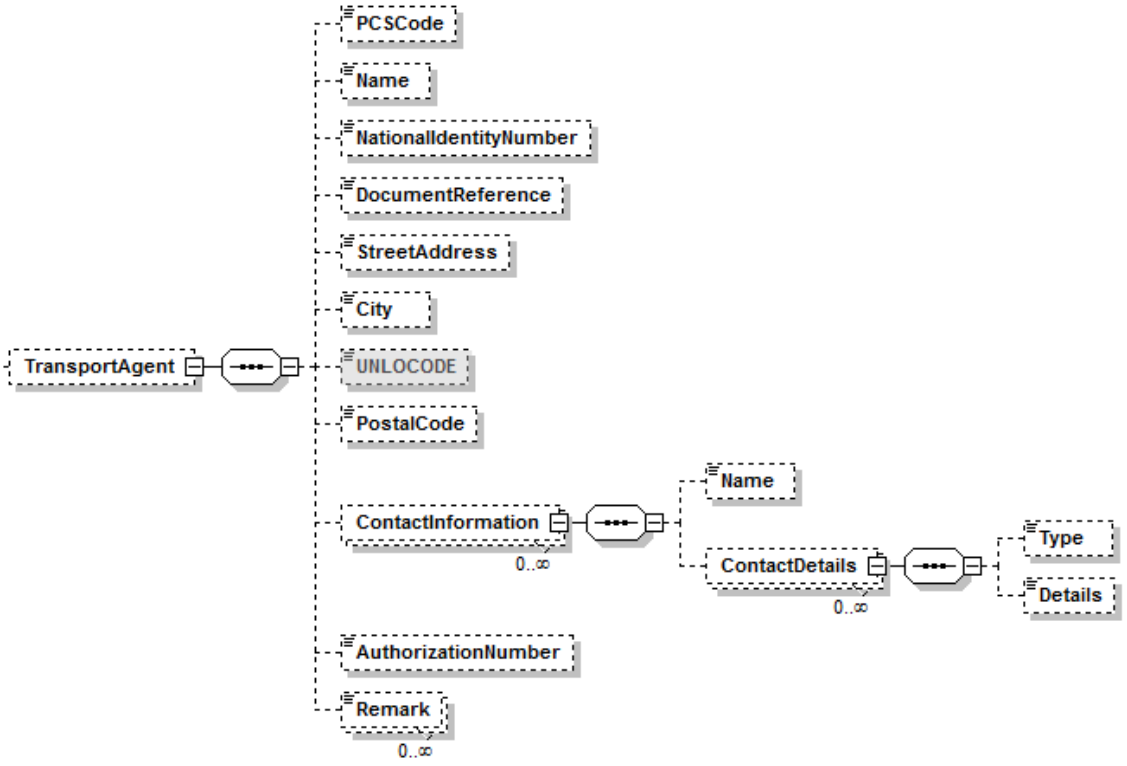
Name	Purpose	M/O	Type
Containers\ContainerDetails			
PlateNumber	Container plate number	O	an..11
ItemNumber	Item number	M	an..10
LoadingUnloadingDetails	Group of elements which indicates the loading and unloading locations	O	G
Containers\ContainerDetails\LoadingUnloadingDetails			
LocationName	Name of the loading/unloading location	M	an..175
Reference	Loading/unloading reference	O	an..35
City	City of the loading/unloading location	O	an..35
GPSCoordinates	Group of elements which indicates the GPS coordinates of the loading/unloading place	O	G
ProposedDateAndTime	Loading/unloading date proposed by the transport company	O	dateTime
ActualDateAndTime	Actual loading/unloading date (when arriving to the location)	O	dateTime
ActualEndOfOperations	Actual loading/unloading date (when leaving the location or finalizing operations)	O	dateTime
Containers\ContainerDetails\LoadingUnloadingDetails\GPSCoordinates			
Latitude	GPS latitude in decimal format	O	decimal
Longitude	GPS longitude in decimal format	O	decimal

6.5.4. XML example

```
<ContainerDetails>
    <PlateNumber>SCAC1234567</PlateNumber>
    <ItemNumber>1</ItemNumber>
    <LoadingUnloadingDetails>
        <LocationName>First loading location</LocationName>
        <City>Valencia</City>
        <GPSCoordinates>
            <Latitude>39.453774</Latitude>
            <Longitude>-0.323517</Longitude>
        </GPSCoordinates>
        <ProposedDateAndTime>2010-12-25T09:30:00</ProposedDateAndTime>
    </LoadingUnloadingDetails>
    <LoadingUnloadingDetails>
        <LocationName>Second loading location</LocationName>
        <Reference>Loading ref 2</Reference>
        <ActualDateAndTime>2010-12-25T12:30:00</ ActualDateAndTime >
    </LoadingUnloadingDetails>
</ContainerDetails>
```

6.6 // Containers\TransportAgent

Level	2
Use	Optional
Max. Use	1



6.6.1. Purpose

Group of elements which contains the details of the subcontracted Transport Agent who will transport this particular container. See the subcontracting process details in chapter 6.3.2.

6.6.2. Comments

- If the valenciaportpcs.net (*PCSCode*) code is indicated, it must be a valid code.
- At least one of the following three fields must be included: the valenciaportpcs.net code (*PCSCode*), the name (*Name*) or the National Identity Number (*NationalIdentityNumber*).
- If a contact is included (*ContactInformation*), the name of the contact person (*ContactInformation\Name*) is mandatory. If contact details are specified (*ContactInformation\ContactDetails*) for a contact name, the type of contact (*ContactInformation\ContactDetails\Type*) and the contact details (*ContactInformation\ContactDetails\Details*) must be indicated.
- Contacts with the same name for the contact person cannot be repeated.
- It is not possible to repeat a contact detail for the same type of contact.

6.6.3. Elements

Name	Purpose	M/O	Type
Containers\TransportAgent			

PCSCode	Code assigned by valenciaportpcs.net to the Transport Agent	C	an..4
Name	Transport Agent name	C	an..175
NationalIdentityNumber	Transport Agent National Identity Number	C	an..35
DocumentReference	The Transport Agent's reference for this document	O	an..35
StreetAddress	Address of the Transport Agent (street, number, and other details, except the city and postal code)	O	an..175
City	City for the Transport Agent's address	O	an..35
UNLOCODE	United Nations code (UNLOCODE: *United Nations Code for Trade and Transport Locations*) for the city in the previous field	O	an..5
PostalCode	Postal code for the Transport Agent's address	O	an..10
ContactInformation	Group of elements which indicates the contact names and details.	O	G
AuthorizationNumber	Transport Agent's authorization number.	O	an..35
Remark	Remarks from the Transport Agent. This type of remark is sent only to the Contracting Party and to the Logistics Operator if transport is Merchant Haulage.	O	an..350
Containers\TransportAgent\ContactInformation			
Name	Contact name	M	an..35
ContactDetails	Group of elements which specifies the contact details for this person	O	G
Containers\TransportAgent\ContactInformation\ContactDetails			
Type	Code which identifies the type of contact details. Accepted values: • **PHONE** • **MOBILE** • **FAX** • **EMAIL**	M	an..10
Details	Contact details (phone number, fax, or email address)	M	an..70

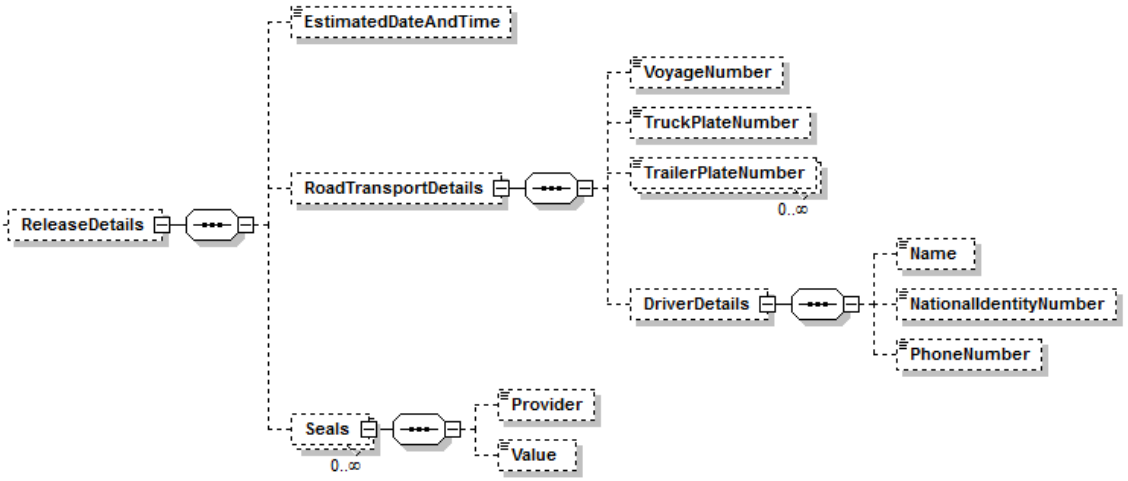
6.6.4. XML example

```
<TransportAgent>
    <PCSCode>USER</PCSCode>
    <Name>Transport Agent Name</Name>
    <NationalIdentityNumber>12345678L</NationalIdentityNumber>
    <DocumentReference>Ref 1234567890</DocumentReference>
    <StreetAddress>10, Transport Agent Street</StreetAddress>
    <City>Valencia</City>
    <PostalCode>46000</PostalCode>
    <ContactInformation>
        <Name> Contact 1</Name>
        <ContactDetails>
            <Type>PHONE</Type>
            <Details>902 111 222</Details>
        </ContactDetails>
        <ContactDetails>
            <Type>EMAIL</Type>
            <Details>contact1@transportagent.com</Details>
        </ContactDetails>
    </ContactInformation>
    <ContactInformation>
        <Name> Contact 2</Name>
        <ContactDetails>
            <Type>FAX</Type>
```

```
            <Details>901 555 666</Details>
        </ContactDetails>
    </ContactInformation>
</TransportAgent>
```

6.7 // Containers\ReleaseDetails

Level	2
Use	Optional
Max. Use	1



6.7.1. Purpose

Group of elements which contains information about the Release details for each container.

6.7.2. Comments

- The truck plate number must be indicated on release (*ReleaseDetails\RoadTransportDetailsTruckPlateNumber*), except when the assignment message includes a subcontracted transport agent or an Acceptance Order is being assigned.
- The estimated release date (*EstimatedDateAndTime*) cannot be later than the estimated acceptance date (equivalent field in the *AcceptanceDetails* group) and no past dates may be included which are earlier than the date on which the message was sent.
- The estimated release date (*EstimatedDateAndTime*) should be greater than or equal to the ValidFrom date, if both dates exist.
- The estimated release date (*EstimatedDateAndTime*) should be less than or equal to the expiry date, if both dates exist.
- If any seal is included (*ReleaseDetails\Seals*), both the type of seal (*Provider*) and its value (*Value*) are mandatory.
- The driver name (*ReleaseDetails\RoadTransportDetails\DriverDetails\Name*) and identification (*ReleaseDetails\RoadTransportDetails\DriverDetails\NationalIdentityNumber*) must be indicated on release, except when assignment message includes a subcontracted transport agent, is a rail transport or has shuttle instructions.
- If the driver identification (*ReleaseDetails\RoadTransportDetails\DriverDetails\NationalIdentityNumber*) is indicated and has a NIF or NIE format, it must be a valid one,
- Once national identity number has been supplied, it will be obfuscated (only some digits will be readable).

Seals are updated as follows:

- After an assignment message, all seals (both release and acceptance) are **replaced** by the seals in the new message, except if they are empty in the new message in which case the existing seals in the document are maintained.

6.7.3. Elements

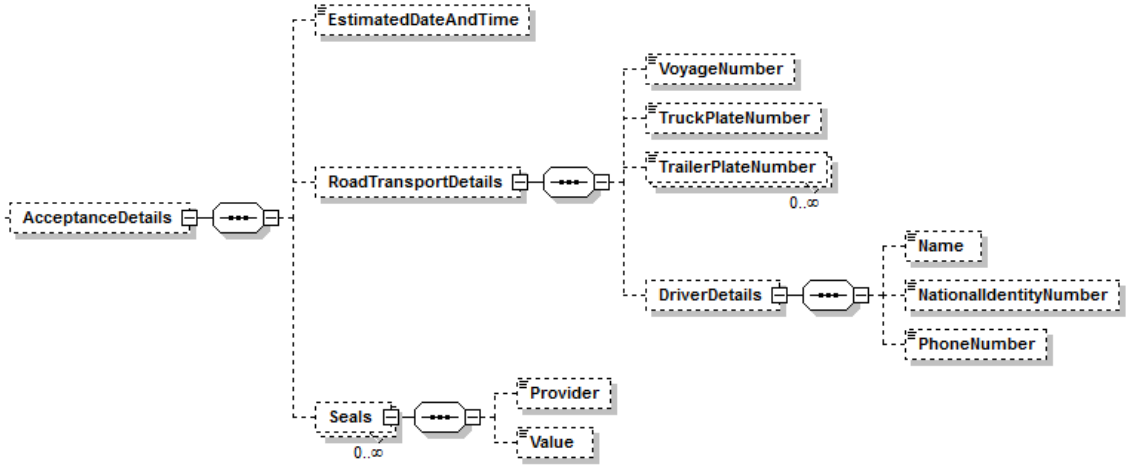
Name	Purpose	M/O	Type
Containers\ReleaseDetails			
EstimatedDateAndTime	Release date estimated by the Transport Agent	O	dateTime
RoadTransportDetails	Group of elements which contains the road transport details for when the container is released	O	G
Seals	Group of elements which indicates seals	O	G
Containers\ReleaseDetails\RoadTransportDetails			
VoyageNumber	Journey number	O	an..17
TruckPlateNumber	Plate number of the truck which will carry out the Release Order	M	an..35
TrailerPlateNumber	Plate number(s) of the trailer(s) which will carry out the Release Order	O	an..35
DriverDetails	Group of elements which contains driver details	O	G
Containers\ReleaseDetails\RoadTransportDetails\DriverDetails			
Name	Driver name	M~~O~~	an..35
NationalIdentityNumber	Driver National Identity Number	M~~O~~	an..35
PhoneNumber	Driver phone number (preferably mobile number)	O	an..15
Containers\ReleaseDetails\Seals			
Provider	Seal provider Accepted values: • **INSPECTION** • **CARRIER** • **SHIPPER** • **TERMINAL**	M	an..10
Value	Seal reference	M	an..35

6.7.4. XML example

```
<ReleaseDetails>
    <EstimatedDateAndTime>2010-12-30T09:00:00</EstimatedDateAndTime>
    <RoadTransportDetails>
        <VoyageNumber>Journey number</VoyageNumber>
        <TruckPlateNumber>V0000AB</TruckPlateNumber>
        <TrailerPlateNumber>V0001AB</TrailerPlateNumber>
        <DriverDetails>
            <Name>Driver name</Name>
            <NationalIdentityNumber>12345678A</NationalIdentityNumber>
            <PhoneNumber>902999999</PhoneNumber>
        </DriverDetails>
    </RoadTransportDetails>
    <Seals>
        <Provider>INSPECTION</Provider>
        <Value>Seal</Value>
    </Seals>
</ReleaseDetails>
```

6.8 // Containers\AcceptanceDetails

Level	2
Use	Optional
Max. Use	1



6.8.1. Purpose

Group of elements which contains information about the Acceptance details for each container.

6.8.2. Comments

- The estimated acceptance date (*EstimatedDateAndTime*) cannot be earlier than the estimated release date (equivalent field in the *ReleaseDetails* group) and no past dates may be included which are earlier than the date on which the message was sent.
- The estimated acceptance date (*EstimatedDateAndTime*) should be greater than or equal to the ValidFrom date, if both dates exist.
- The estimated acceptance date (*EstimatedDateAndTime*) should be less than or equal to the expiry date, if both dates exist.
- If any seal is included (*AcceptanceDetails\Seals*), both the type of seal (*Provider*) and its value (*Value*) are mandatory.
- The driver name (*AcceptanceDetails\RoadTransportDetails\DriverDetails\Name*) and identification (*AcceptanceDetails\RoadTransportDetails\DriverDetails\NationalIdentityNumber*) must be indicated on acceptance, except when assignment message includes a subcontracted transport agent, is a rail transport or has shuttle instructions.
- If the driver identification (*AcceptanceDetails\RoadTransportDetails\DriverDetails\NationalIdentityNumber*) is indicated on acceptance and has a NIF or NIE format, it must be a valid one,
- Once national identity number has been supplied, it will be obfuscated (only some digits will be readable).

Seals are updated as follows:

- After an assignment message, all seals (both release and acceptance) are **replaced** by the seals in the new message, except if they are empty in the new message in which case the existing seals in the document are maintained.

6.8.3. Elements

Name	Purpose	M/O	Type
Containers\AcceptanceDetails			
EstimatedDateAndTime	Acceptance date estimated by the Transport Agent	O	dateTime
RoadTransportDetails	Group of elements which contains the road transport details for when the container is accepted	O	G
Seals	Group of elements which indicates seals	O	G
Containers\AcceptanceDetails\RoadTransportDetails			
VoyageNumber	Journey number	O	an..17
TruckPlateNumber	Plate number of the truck which will carry out the Acceptance Order	O	an..35
TrailerPlateNumber	Plate number(s) of the trailer(s) which will carry out the Acceptance Order	O	an..35
DriverDetails	Group of elements which contains driver details	O	G
Containers\AcceptanceDetails\RoadTransportDetails\DriverDetails			
Name	Driver name	M~~O~~	an..35
NationalIdentityNumber	Driver National Identity Number	M~~O~~	an..35
PhoneNumber	Driver phone number (preferably mobile number)	O	an..15
Containers\AcceptanceDetails\Seals			
Provider	Seal provider Accepted values: • **INSPECTION** • **CARRIER** • **SHIPPER** • **TERMINAL**	M	an..10
Value	Seal reference	M	an..35

6.8.4. XML example

```
<AcceptanceDetails>
    <EstimatedDateAndTime>2010-12-30T18:00:00</EstimatedDateAndTime>
    <RoadTransportDetails>
        <VoyageNumber>Journey number</VoyageNumber>
        <TruckPlateNumber>V0000AB</TruckPlateNumber>
        <TrailerPlateNumber>V0001AB</TrailerPlateNumber>
        <DriverDetails>
            <Name>Driver name</Name>
            <NationalIdentityNumber>12345678A</NationalIdentityNumber>
            <PhoneNumber>902999999</PhoneNumber>
        </DriverDetails>
    </RoadTransportDetails>
    <Seals>
        <Provider>INSPECTION</Provider>
        <Value>Seal</Value>
    </Seals>
</AcceptanceDetails>
```

7 // XML example of a Transport Assignment message

The following example aims to serve as a **reference** for sending or receiving a Transport Assignment message. Logically, the organization codes are not valid codes. Imaginary codes have been used for demonstration purposes. We have not aimed to use logical message content from a business point of view. Sometimes details which would never be used in real life have been used, but once again, the idea is to demonstrate all the possible message elements that may exist.

```
<?xml version="1.0" encoding="UTF-8"?>
<InlandTransportDetails>
<MessageHeader>
    <SenderIdentification>USER</SenderIdentification>
    <RecipientIdentification>VALENCIAPORT</RecipientIdentification>
    <Number>USER0123456789</Number>
    <DateAndTime>2010-12-25T09:30:47</DateAndTime>
    <Version>1.1</Version>
</MessageHeader>
<DocumentDetails>
    <PCSDocumentNumber>USER10122512345678</PCSDocumentNumber>
    <Parties>
        <Type>TRANSPORT_OPERATOR</Type>
        <PCSCode>USER</PCSCode>
        <Name>Transport Operator Name</Name>
        <NationalIdentityNumber>87654321L</NationalIdentityNumber>
        <DocumentReference>Ref 0987654321</DocumentReference>
        <StreetAddress>10, Transport Operator Street</StreetAddress>
        <City>Valencia</City>
        <PostalCode>46000</PostalCode>
        <ContactInformation>
            <Name> Contact 1</Name>
            <ContactDetails>
                <Type>PHONE</Type>
                <Details>902 333 444</Details>
            </ContactDetails>
            <ContactDetails>
                <Type>EMAIL</Type>
                <Details>contact1@transportoperator.com</Details>
            </ContactDetails>
        </ContactInformation>
        <ContactInformation>
            <Name> Contact 2</Name>
            <ContactDetails>
                <Type>FAX</Type>
                <Details>901 999 888</Details>
            </ContactDetails>
        </ContactInformation>
        <AuthorizationNumber>Transport authorization number</AuthorizationNumber>
    </Parties>
    <Remark>Remarks from the Transport Operator</Remark>
</DocumentDetails>
<Containers>
    <ContainerDetails>
        <PlateNumber>SCAC1234567</PlateNumber>
        <ItemNumber>1</ItemNumber>
        <LoadingUnloadingDetails>
            <LocationName>First loading location</LocationName>
            <City>Valencia</City>
            <GPSCoordinates>
                <Latitude>39.453774</Latitude>
```

```
                <Longitude>-0.323517</Longitude>
            </GPSCoordinates>
            <ProposedDateAndTime>2010-12-25T09:30:00</ProposedDateAndTime>
        </LoadingUnloadingDetails>
    </ContainerDetails>
    <TransportAgent>
        <PCSCode>TTTT</PCSCode>
        <Name>Transport Agent Name</Name>
        <NationalIdentityNumber>12345678L</NationalIdentityNumber>
        <DocumentReference>Ref 1234567890</DocumentReference>
        <StreetAddress>10, Transport Agent Street</StreetAddress>
        <City>Valencia</City>
        <PostalCode>46000</PostalCode>
        <ContactInformation>
            <Name> Contact 1</Name>
            <ContactDetails>
                <Type>PHONE</Type>
                <Details>902 111 222</Details>
            </ContactDetails>
            <ContactDetails>
                <Type>EMAIL</Type>
                <Details>contact1@transportagent.com</Details>
            </ContactDetails>
        </ContactInformation>
    </TransportAgent>
    <ReleaseDetails>
        <EstimatedDateAndTime>2010-12-30T09:00:00</EstimatedDateAndTime>
        <RoadTransportDetails>
            <VoyageNumber>Journey number</VoyageNumber>
            <TruckPlateNumber>V0000AB</TruckPlateNumber>
            <TrailerPlateNumber>V0001AB</TrailerPlateNumber>
            <DriverDetails>
                <Name>Driver name</Name>
                <NationalIdentityNumber>12345678A</NationalIdentityNumber>
                <PhoneNumber>902999999</PhoneNumber>
            </DriverDetails>
        </RoadTransportDetails>
    </ReleaseDetails>
    <AcceptanceDetails>
        <EstimatedDateAndTime >2010-12-30T18:00:00</EstimatedDateAndTime>
        <RoadTransportDetails>
            <VoyageNumber>Journey number</VoyageNumber>
            <TruckPlateNumber>V0000AB</TruckPlateNumber>
            <TrailerPlateNumber>V0001AB</TrailerPlateNumber>
            <DriverDetails>
                <Name>Driver name</Name>
                <NationalIdentityNumber>12345678A</NationalIdentityNumber>
                <PhoneNumber>902999999</PhoneNumber>
            </DriverDetails>
        </RoadTransportDetails>
    </AcceptanceDetails>
</Containers>
</InlandTransportDetails >
```

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