



DOCUMENTATION OF XML MESSAGES

USED FOR THE COMMUNICATION WITH THE C.T. OF THESSALONIKI
PORT AUTHORITY

```
<?xml version="1.0" encoding="UTF-8" >  
<!DOCTYPE COPRAR2  
<COPRAR2>
```

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Introduction

In the case of interconnection of the Comprehensive Information System with the information system of an agent to send XML messages, a special application installed on the client undertakes to send properly structured XML messages created through its computerization within the structures agreed with ThPA SA. After each message is sent, the control and storage procedure, which is common for all cases, is followed. In any case, when sending data over the Internet, the security and integrity of transactions is ensured by the use of encryption techniques (SSL).

The process can be summarized as follows:

- Interconnection of the Comprehensive Information System with the information system of an agent (Business to Business);
- Issuance of smart cards for all drivers working with the agent (Card issuance is suspended);
- Request to enter the system (password issuance);
- Trial message sending;
- When an agent has the XML message creation/sending application ready, he/she shall inform the Authority to check these messages for their correctness;
- Trial period;
- Prior to the full integration of the agent into the Comprehensive Information System, an intermediate period of "control" precedes, with the cooperation of the old-handwritten system and the new-computerized system.

The messages mentioned refer to the XML structures of the files used during the communication between ThPA SA and its clients.

Field types 1

The fields types used are:

- Varchar - String/Alphanumeric
- Int (Length:4) - Integer/Numeric
- Decimal (Length:9, Precision:15, Scale:5) - Real
- Datetime (Length:8) in the form of (DD/MM/YYYY HH:MM:SS)
- Bit (Length:1) - Boolean (True or False)

ALL message fields should be displayed in XML and be completed as necessary.

Message headers

Each XML message being sent should have the type of encoding used as well as the type of message in the first two lines

Encoding

The encoding used is that of Greek (ISO-8859-7). So, the first line of each XML message will have the following form:

```
<?xml version="1.0" encoding="ISO-8859-7"?>
```

Message types

The second line describes the type of message and the location of the Document Type Definition (DTD) as follows:

```
<!DOCTYPE [MESSAGE TYPE] SYSTEM "MESSAGE TYPE.dtd">
```

The message types supported are:

Message type	Vessel messages		Rail messages	
	Code	DTD	Code	DTD
Notice of arrival	CALINF	CALINF.dtd	-	-
Notice of deposition	COPRAR1	COPRAR1.dtd	-	-
Notice of loading	COPRAR2	COPRAR2.dtd	RAILCOPRAR2	RAILCOPRAR2.dtd
Notice of unloading	COPRAR2	COPRAR2.dtd	RAILCOPRAR2	RAILCOPRAR2.dtd
Order for customs clearance	COHAOR	COHAOR.dtd	RAILCOHAOR	RAILCOHAOR.dtd
Order for stripping	COSTOR	COSTOR.dtd	RAILCOSTOR	RAILCOSTOR.dtd
Order for stuffing	COSTOR	COSTOR.dtd	RAILCOSTOR	RAILCOSTOR.dtd

Order for exit	COREOR	COREOR.dtd	-	-
Order for loading	COREOR	COREOR.dtd	RAILCOREOR	RAILCOREOR.dtd
Order for transit	COREOR	COREOR.dtd	-	-
Container gate-in report	CODECO	CODECO.dtd	-	-
Container gate-out report	CODECO	CODECO.dtd	-	-
Container loading report	COARRI	COARRI.dtd	RAILCOARRI	RAILCOARRI.dtd
Container unloading report	COARRI	COARRI.dtd	RAILCOARRI	RAILCOARRI.dtd
Forwarding and consolidation summary	IFCSUM	IFCSUM.dtd	RAILIFCSUM	RAILIFCSUM.dtd

The location where the DTDs are stored is <http://fnet.thpa.gr/WWW/>

Recipients List


The recipient list must always be included in the message and completed as follows:

In any case, the port code ('Port') will be Thessaloniki ('GRSKG') while the recipient ('Company') will again be Thessaloniki 'THPA').

E.g.

```
<Recipients_List>  
  <Port>GRSKG</Port>  
  <Company>THPA</Company>  
</Recipients_List>
```

Allowed data types



In the following tables, there are fields where a data type shall be provided from a set of allowable data types (lookup). These fields are marked with the symbol . Tables with the allowable data types are in separate TXT files. For the data types in fields involving agents and/or companies (Company, Sender, Ship_owner, Primary_Agent, Secondary_Agent), there is the application <http://fnet.thpa.gr/companies/>

SHIP MESSAGES

Document filing


Notice of arrival - CALINF






Recipients list (RECIPIENTS_LIST)

Name	Description	Data Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)



Name	Description	Data Type	Size
Sender 	Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Captain_Name	Name and Surname of the captain	String	30
Passengers_No	Number of passengers	Int	-
VO_Code	Voyage code	String	10
Ship_Name	Ship name	String	30

Name	Description	Type	Size
Ship_Flag 	Flag (Country code)	String	5
Ship_Length	Length	Int	-
Ship_Owner 	Ship owner	String	11
Ship_Gross_Capacity	Gross Capacity	Int	-
Ship_Net_Capacity	Net Capacity	Int	-
Port_Registry 	Port registry number	String	11
Port_Origin 	Code of port of origin	String	11
Port_Destination 	Code of port of destination	String	11
Ship_Depart_Date_Schedule	Estimated departure date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Ship_Arrival_Date_Schedule	Estimated arrival date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Quantity_20_Empty_Loading	Loading (container) quantity - 20' Empty (Total)	Int	-
Quantity_40_Empty_Loading	Loading (container) quantity - 40' Empty (Total)	Int	-
Quantity_20_Full_Loading	Loading (container) quantity - 20' Full (Total)	Int	-
Quantity_40_Full_Loading	Loading (container) quantity - 40' Full (Total)	Int	-
Quantity_Dangerous_Loading	Loading (container) quantity - 40' Dangerous	Int	-
Quantity_RORO_Loading	Loading (container) quantity - RoRo	Int	-
Quantity_20_Empty_Discharge	Discharge (container) quantity - 20' Empty (Total)	Int	-
Quantity_40_Empty_Discharge	Discharge (container) quantity - 40' Empty (Total)	Int	-
Quantity_20_Full_Discharge	Discharge (container) quantity - 20' Full (Total)	Int	-
Name	Description	Type	Size

Quantity_40_Full_Discharge	Discharge (container) quantity - 40' Full (Total)	Int	-
Quantity_Dangerous_Discharge	Discharge (container) quantity - Dangerous	Int	-
Quantity_RORO_Discharge	Discharge (container) quantity - RoRo	Int	-
Quantity_Shiftings_Quay	Quantity of shiftings through quay	Int	
Quantity_Shiftings_Ship	Quantity of shiftings on the ship	Int	
Imo_No	Ship's identification number	String	10
In_Voyage	Ship's In voyage code	String	15
Out_Voyage	Ship's Out voyage code	String	15
In_Lane	Ship's In Lane code	String	5
Out_Lane	Ship's Out Lane code	String	5
IsVoCodeFinal	1 for Transit groups that will change voyage (60 Containers MAX) 0 for normal voyage	bit	



Notice of unloading – COPRAR2

Recipients list (RECIPIENTS_LIST)

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11





* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".






Information per message (HEADER)

Name	Description	Type	Size	OBLIGATORY
Sender 	AGENT (Sender)	String	11	YES
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20	
Message_Code	Client request code	String	20	YES
Message_Date	Client request date (dd/mm/yyyy hh:mm:ss)	DateTime	-	YES
Document_Reference	Relevant invoice code - (INVOICE GROUP)	String	20	
Captain_Name	Name and Surname of the captain	String	30	YES
Ship_Arrival_Date_Schedule	Ship arrival date (dd/mm/yyyy hh:mm:ss)	DateTime	-	YES
Ship_Depart_Date_Schedule	Ship departure date (dd/mm/yyyy hh:mm:ss)	DateTime	-	YES
Ship_Name	Ship name	String	30	YES
VO_Code	Voyage code	String	10	YES
Ship_Flag 	Flag (Country code)	String	5	YES

Ship_Length	Ship length	Int	-	
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Ship_Owner 	Ship owner In order to accelerate the process of introducing agents and transactors of the C.T. into the Comprehensive Information System, it was decided by the Monitoring Committee of the Information System to allow the use of the code of the shipping company that "represents" the particular ship, in cases where it is impossible to identify the ship owner.	String	11	YES
Ship_Gross_Capacity	Ship gross capacity	Int	-	
Ship_Net_Capacity	Ship net capacity	Int	-	
Port_Registry 	Port registry number	String	11	YES
Port_Origin 	Code of port of origin	String	11	YES
Port_Destination 	Code of port of destination	String	11	YES
Passengers_No	Number of passengers	Int	-	
Quantity_Unload	Quantity of cargo to be unloaded (notice of unloading)	Integer	-	
Quantity_Load	Quantity of cargo to be loaded (notice of loading)	Integer	-	

Name	Description	Type	Size	OBLIGATORY
Primary_Agent 	Primary agent	String	11	YES
Secondary_Agent 	Secondary agent	String	11	YES
Container_ID	Container ID	String	11	YES
Container_Type 	Container type	String	2	optional
Container_Size 	Container size	String	3	optional
Is_Loaded 	Cargo	Int	-	optional

IMO Class 	Container risk	String	5	optional
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Information per Container (DETAIL)

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Seal_No	Seal number	String	20	optional
Package_Type 	Package type	String	4	optional
Units	Units (for all cargo)	Int	-	optional
Cargo_Type	Cargo description (text)	String	100	optional
Cargo_Weight	Total cargo weight (net)	Real	-	optional
Container_Weight	Empty container weight	Real	-	optional
Loading_Date	Loading date (dd/mm/yyyy hh:mm:ss)	DateTime	-	optional
Unloading_Date	Unloading date (dd/mm/yyyy hh:mm:ss)	DateTime	-	optional
Origin_Code 	Code of container origin/destination	Int	-	optional
Registration_Country 	Container registration country	String	5	optional
Invoicee 	Liable for payment	String	11	optional
Destination_Port 	Code of port of destination FINAL DESTINATION	String	11	optional
Origin_Port 	Code of origin port THE PORT OF ORIGIN	String	11	optional
Trans_Port_In 	Previous transit port (for unloading list) Decision of the Ministry of Mercantile Marine (9353/C4-942) (Legislative Decree number 3627/56 & article 9 of the law number 2392/96 Issue 5A TRAFFIC IN THE GREEK PORTS)	String	11	optional
Trans_Port_Out 	Next transit port (for loading list) Decision of the Ministry of Mercantile Marine (9353/C4-942) (Legislative Decree number 3627/56 & article 9 of the law number 2392/96 Issue 5A TRAFFIC IN THE GREEK PORTS)	String	11	YES
VGM_Gross_Weight	Certified container weight	Float	-	YES
Container_Iso_Code	Certified container type/size 	String	5	optional
Set_Temp	Temperature of reefer container (Celsius scale) 	Float	-	optional

UNNO	Encoding of dangerous container NEW	Int	-	optional
Wastes_Cargo	Waste NEW	Bit	-	YES

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Information per cargo (CARGO)

Name	Description	Type	Size	OBLIGATORY
Shipment_ID	Shipment ID	String	30	YES

ISO_CODE,UNNO: Used for ship planning

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7" ?>
<!DOCTYPE COPRAR2 (View Source for full doctype...)>
<COPRAR2>
<Recipients_List>
  <Port>GRSKG</Port>
  <Company>HEPA</Company>
</Recipients_List>
<HEADER Sender="700102" EDI_Recipient_ID="" Message_Code="1305176704339" Message_Date="12/05/2011 08:07:12"
  Document_Reference="1" Captain_Name="1" Ship_Arrival_Date_Schedule="10/10/2011 10:00:00"
  Ship_Depart_Date_Schedule="10/10/2011 10:00:00" Ship_Name="1" VO_Code="1" Ship_Flag="AF"
  Ship_Length="0" Ship_Owner="XX" Ship_Gross_Capacity="0" Ship_Net_Capacity="0" Port_Registry="BEAAS"
  Port_Origin="BEAAS" Port_Destination="BEAAS" Passengers_No="0" Quantity_Load="" Quantity_Unload="1" />
<DETAIL>
<Container Primary_Agent="XX" Secondary_Agent="XX" Container_ID="crxu" Container_Type="AC" Container_Size="20"
  Container_Iso_Code="22G0" Is_Loaded="1" IMO_Class="1" Seal_No="1" Package_Type="0" Units="0"
  Cargo_Type="11" Cargo_Weight="0" Container_Weight="0" Loading_Date="" Unloading_Date="10/10/2011
  10:00:00" Origin_Code="1"
  Registration_Country="BR" Invoicee="XX" Origin_Port="DKAAB" Destination_Port="DKAAB"
  Trans_Port_In="DKAAB" Trans_Port_Out="DKAAB" VGM_Gross_Weight="12345,033" Set_Temp="-2" UNNO="1268"
  Wastes_Cargo="0"/>
<Cargo>
  <SHIPMENT>
    <Shipment_ID>a1234</Shipment_ID>
  </SHIPMENT>
</Cargo>
</Container>
</DETAIL>
</COPRAR2>
```



Notice of deposition – COPRAR1

Recipients list (RECIPIENTS_LIST)


Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)







Name	Description	Type	Size	OBLIGATORY
Sender 	Client/AGENT	String	11	YES
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20	YES
Message_Code	Client request code	String	20	YES
Message_Date	Client request date	DateTime	-	YES
Ship_Arrival_Date_Schedule	Ship arrival date (optional)	DateTime	-	
Ship_Name	Ship name (optional)	String	30	
VO_Code	Voyage code	String	10	YES
Service_Lane_Out	Ship's Out Lane code 	String	5	YES





Information per Container (DETAILS)

Name	Description	Type	Size	OBLIGATORY
Primary_Agent	Primary agent	String	11	YES
Secondary_Agent	Secondary agent	String	11	YES
Container_ID	Container ID	String	11	YES
Container_Type 	Container type	String	2	OPTIONAL

Container_Size 	Container size	String	3	OPTIONAL
Is_Loaded 	Cargo	Int	-	YES

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IMO_Class 	Container risk	String String	5	YES
Seal_No	Seal number		20	Number OPTIONAL 'Y' if exists
Registration_Country	Container registration country	String	5	OPTIONAL
Origin_Code 	Code of container origin/destination	Int	-	YES
Package_Type* 	Package type	String	4	YES
Units*	Units (for all cargo)	Int	-	YES
Cargo_Type*	Cargo description (text)	String	100	YES
Cargo_Weight	Total cargo weight (net)	Real	-	YES
Container_Weight	Empty container weight	Real	-	YES
Customs_type	Document type code	tinyint	-	NO (THPA)
CustomsNo	Document number	String	30	NO (THPA)
Customs_Auth_type 	Customs authority code	tinyint	-	NO (THPA)
Trans_Port_Out 	Next transit port	String	11	YES
VGM_Gross_Weight	Verified container weight	Float	-	OPTIONAL GOOD TO HAVE
Contact_Details	Carrier Email Address 	String	100	OPTIONAL
Wastes_Gargo	Waste (values :1/0)	Bit	-	YES
Set_Temp	Temperature of reefer container (Celsius scale)	Float		YES

Forwarder_Id	Forwarder	NEW	String	-	11	OPTIONAL
Final_Destination_Id 	Final Destination	NEW	String		11	YES
Origin_Port_Id 	Code of origin port		String		11	OPTIONAL
Container_Iso_Code 	Certified container type/size	NEW	String		5	YES
UNNO 	Encoding of dangerous container	NEW	int		-	YES

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DRAFT for reference only not final

Order loading/exit/transit - COREOR



Recipients list (RECIPIENTS_LIST)

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner






In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	[1]Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Captain_Name	Name and Surname of the captain	String	30
Passengers_No	Number of passengers	Int	-
Ship_Name	Ship name	String	30
VO_Code	Voyage code	String	10
Ship_Arrival_Date	Ship arrival date	DateTime	-
Port_Origin 	Code of port of origin	String	11

Name	Description	Type	Size
Port_Destination 	Code of port of destination	String	11
Message_Type 	Message type	Int	-

Information per Container (DETAIL)

Name	Description	Type	Size
Primary_Agent 	Primary agent	String	11
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Cargo_Type	Cargo description	String	100
Cargo_Weight	Weight	Real	-
Handling_Date_Schedule	Handling date (Containers) depending on the message type (Message_type)	DateTime	-
Delivery_Date_Schedule	Delivery date	DateTime	-
Origin_Code 	Code of container origin/destination	Int	-

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>

<!DOCTYPE COREOR SYSTEM "http://fnet.thpa.gr/www/COREOR.dtd">

<COREOR>

  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>

  <HEADER Sender="997642" EDI_Recipient_ID="" Message_Code="1201999297870"
    Message_Date="25/01/2008 09:19:37" Captain_Name="MAERSK" Passengers_No="4" VO_Code="XX"
    Ship_Name="XX" Ship_Arrival_Date="25/01/2008 08:30:00" Port_Origin="GRSKG"
    Port_Destination="GRSKG" Message_Type="1" />



  <DETAIL>
    <Container Primary_Agent="MAERSK" SEQ_ID="0" Container_ID="GESU4374999" Container_Type="PC"
      Container_Size="40" IMO_Class="0" Seal_No="NONE" Cargo_Type="KENO" Cargo_Weight="4000"
      Handling_Date_Schedule="25/01/2008 08:30:00" Delivery_Date_Schedule="25/01/2008 08:30:00"
      Origin_Code="4" />
  </DETAIL>

</COREOR>
```

[1] It is clarified that the agent has brought the cargo and, according to whom he/she has issued a payment order, we note the client (if it is another person) or the agent if he/she has issued a payment order to him/herself.

Order for transfer of containers to customs clearance - COHAOR


Recipients list (RECIPIENTS_LIST)

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11




* Code of the message Recipient. This code is issued by the port for each partner

In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Document_Reference	Manifest number	String	20
Clearance_Date	Container clearance date	DateTime	-
VO_Code	Voyage code	String	10
Ship_Name	Name	String	30
Ship_Arrival_Date_Actual	Ship arrival date	DateTime	-

Information per Container (DETAIL)



Name	Description	Type	Size
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Cargo_Type	Cargo description	String	100
Cargo_Weight	Cargo weight	Real	-
Origin_Code	Code of container origin/destination	Int	-

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE COHAOR SYSTEM "http://fnet.thpa.gr/www/COHAOR.dtd">
<COHAOR>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>
  <HEADER Sender="CompanyC" EDI_Recipient_ID="" Message_Code="713448697" Message_Date="6/4/2001 10:43:11"
    Document_Reference="241W/12322" Clearance_Date="26/4/2001 21:00:00" VO_Code="VO_1" Ship_Name="Ship1"
    Ship_Arrival_Date_Actual="25/4/2001 10:40:00" />
  <DETAIL>
    <Container SEQ_ID="10" Container_ID="SEAU1230417" Container_Type="HT" Container_Size="20"
      IMO_Class="0" Seal_No="KMR 310-9123" Cargo_Type="3141" Cargo_Weight="12354" Origin_Code="2" />
  </DETAIL>
</COHAOR>
```




Order for stripping - COSTOR

Recipients list (RECIPIENTS_LIST)





Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Document_Reference	Manifest number	String	20
Stuff_Date	Stuffing date (Containers)	DateTime	-
Strip_Date	Stripping date (Containers)	DateTime	-
VO_Code	Voyage code	String	10
Ship_Name	Ship name	String	30
Ship_Arrival_Date_Actual	Ship arrival date	DateTime	-
Invoicee 	Liable for payment	String	11
Stuff_Strip_Instruction 	Destination (warehouse or shipment)	Int	-

Information per Container (DETAIL)

Name	Description	Type	Size
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Cargo_Type	Cargo description	String	100
Cargo_Weight	Weight	Real	-
Origin_Code 	Code of container origin/destination	Int	-

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE COSTOR SYSTEM "http://fnet.thpa.gr/www/COSTOR.dtd">
<COSTOR>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>
  <HEADER Sender="CompanyB" EDI_Recipient_ID="" Message_Code="713448697" Message_Date="6/4/2001 10:43:11"
    Document_Reference="D043052/66" Stuff_Date="" Strip_Date="26/4/2001 21:00:00" VO_Code="VO_1"
    Ship_Name="Ship1" Ship_Arrival_Date_Actual="25/4/2001 10:40:00" Invoicee="COMPANYA"
    Stuff_Strip_Instruction="2"/>
  <DETAIL>
    <Container SEQ_ID="132" Container_ID="SEAU1230417" Container_Type="HT" Container_Size="20"
      IMO_Class="0" Seal_No="KMR 310-9123" Cargo_Type="234I" Cargo_Weight="12354" Origin_Code="2"/>
  </DETAIL>
</COSTOR>
```



</COSTOR>

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Provision of information




Container gate-in/gate-out report message - CODECO

Recipients list (RECIPIENTS_LIST)






Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	Port (Message sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Port message code	String	11
Message_Date	Port message date	DateTime	-
Ship_Name	Ship name	String	30
VO_Code	Voyage code	String	10
Ship_Arrival_Date_Actual	Ship arrival date	DateTime	-
Location_Origin 	Code of origin port	String	11
Location_Destination 	Code of port of destination	String	11

Information per Container (DETAIL)

Name	Description	Type	Size
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	10
Damage_Status 	Container status	Int	-
Cargo_Type	Cargo description	String	100
Entry_Date_Actual	Entry date	DateTime	-
Exit_Date_Actual	Exit date	DateTime	-
Origin_Code 	Code of container origin/destination	Int	-
Manifest_No	Manifest number	String	20

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>



<!DOCTYPE CODECO SYSTEM "http://fnet.thpa.gr/www/CODECO.dtd">
<CODECO>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>CompanyA</Company>
  </Recipients_List>

  <HEADER Sender="CompanyB" EDI_Recipient_ID="" Message_Code="713448697" Message_Date="6/4/2001 10:43:11"
    Ship_Name="Ship1" VO_Code="VO_1" Ship_Arrival_Date_Actual="26/4/2001 18:00:00" Location_Origin="PIR"
    Location_Destination="ALX"/>

  <DETAIL>
    <Container SEQ_ID="1" Container_ID="SEAU1230417" Container_Type="HT" Container_Size="20" IMO_Class="1.1"
      Seal_No="KMR 310-9123" Damage_Status="0" Cargo_Type="1234" Entry_Date_Actual="26/4/2001"
      Exit_Date_Actual="" Origin_Code="2" Manifest_No="JHDKLJ/23"/>
  </DETAIL>
</CODECO>
```

Container discharge/loading report – COARRI

Recipients list (RECIPIENTS_LIST)





Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender	PORT (Message sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Message code	String	20
Message_Date	Message date	DateTime	-
Ship_Arrival_Date_Actual	Ship arrival date	DateTime	-
Ship_Depart_Date_Actual	Ship departure date	DateTime	-
Ship_Name	Ship name	String	30
VO_Code	Voyage code	String	10

Information per Container (DETAIL)

Name	Description	Type	Size
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class	Container risk	String	5
Seal_No	Seal number	String	10
Loading_Date_Actual	Loading date	DateTime	-
Unloading_Date_Actual	Unloading date	DateTime	-
Damage_Status 	Damage status	Int	-
Stowage_Area	Position in the stowage area - Fields	String	10
Origin_Code 	Code of container origin/destination	Int	-

Indicative XML

```

<?xml version="1.0" encoding="ISO-8859-7"?>

<!DOCTYPE COARRI SYSTEM "http://fnet.thpa.gr/www/COARRI.dtd">
<COARRI>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>CompanyA</Company>
  </Recipients_List>

  <HEADER Sender="DEALMAR" EDI_Recipient_ID="" Message_Code="713448697" Message_Date="6/4/2001 10:43:11"
    Ship_Depart_Date_Actual="26/4/2001 22:00:00" Ship_Arrival_Date_Actual="26/4/2001 18:00:00"
    Ship_Name="Ship1" VO_Code="VO_1"/>
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<DETAIL>

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HT" Container_Size="20" IMO_Class="1.1" Seal_No="KMR 310-9123"
Loading_Date_Actual="26/4/2001" Unloading_Date_Actual="" Damage_Status="0"
Stowage_Area="A12 11 " Origin_Code="2"/>


</DETAIL>

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Forwarding and consolidation summary message- IFCSUM





Recipients list (RECIPIENTS_LIST)

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11


* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".










Information per message (HEADER)

Name	Description	Type	Size
Sender	Port (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Document_Type 	Manifest type	Int	-
Captain_Name	Name and Surname of the captain	String	30
Ship_Arrival_Date_Actual	Ship arrival date	DateTime	-
Ship_Depart_Date_Actual	Ship departure date	DateTime	-
Ship_Name	Ship name	String	30
VO_Code	Voyage code	String	10

Name	Description	Type	Size
Ship_Flag 	Flag (Country code)	String	2
Ship_Length	Ship length	Int	-
Ship_Owner	Ship owner	String	11
Ship_Gross_Capacity	Ship gross capacity	real	-
Ship_Net_Capacity	Ship net capacity	real	-
Port_Registry 	Port registry number (Greek ships)	String	11
Port-Origin 	Code of port of origin	String	11
Port_Destination 	Code of port of destination	String	11
Passengers_No	Number of passengers	Int	-
Quantity_Unload_Actual	Quantity of actual unloading cargo	Integer	-
Quantity_Load_Actual	Quantity of actual loading cargo	Integer	-

Information per Container (DETAIL)

Name	Description	Type	Size
Primary_Agent 	Primary agent	String	11
Secondary_Agent	Secondary agent	String	11
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11

Name	Description	Type	Size
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
Is_Loaded 	Cargo	Int	-
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Package_Type 	Package type	String	4
Units	Units (for all cargo)	Int	-
Cargo_Type	Cargo description	String	100
Cargo_Weight	Total cargo weight (net)	Real	-
Container_Weight	Weight of empty container	Real	-
Loading_Date_Actual	Loading date	DateTime	-
Unloading_Date_Actual	Unloading date	DateTime	-
Origin_Code 	Code of container origin/destination	Int	-
Registration_Country 	Container registration country	String	2
Invoicee	Liabe for payment	String	11
Destination_Port 	Destination port	String	11
Origin_Port 	Origin port	String	11

Information per cargo (CARGO)

Name	Description	Type	Size
Shipment_ID	Shipment ID	String	30

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>

<!DOCTYPE IFCSUM SYSTEM "http://fnet.thpa.gr/www/IFCSUM.dtd">
<IFCSUM>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>CompanyA</Company>
  </Recipients_List>

  <Header Sender="CompanyC" EDI_Recipient_ID="" Message_Code="718888233" Message_Date="25/6/2001"
    Document_Type="1" Captain_Name="STOYANOV" Ship_Depart_Date_Actual="25/6/2001"
    Ship_Arrival_Date_Actual="25/6/2001" Ship_Name="243" VO_Code="3245" Ship_Flag="GR" Ship_Owner="35"
    Ship_Length="45" Ship_Net_Capacity="45" Ship_Gross_Capacity="23" Port_Registry="ROT" Port_Origin="ROT"
    Port_Destination="PIR" Passengers_No="345" Quantity_Unload_Actual="1" Quantity_Load_Actual="0"/>

  <Detail>
    <Container Primary_Agent="CompanyA" Secondary_Agent="CompanyB" SEQ_ID="1" Container_ID="HJCU8825800"
      Container_Type="HT" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="3085 DSR"
      Package_Type="KYAINΔPOI" Units="30" Cargo_Type="2414" Cargo_Weight="23000" Container_Weight="1234"
      Loading_Date_Actual="" Unloading_Date_Actual="25/6/2001" Origin_Code="2" Registration_Country="UK"
      Invoicee="CompanyB" Destination_Port="ALX" Origin_Port="ROT">

      <Cargo>
        <Shipment>
          <Shipment_ID>AD/34788/01</Shipment_ID>
          <Shipment_ID>DE/32411/134</Shipment_ID>
        </Shipment>
      </Cargo>



    </Container>
  </Detail>
</IFCSUM>
```


RAIL MESSAGES

Document filing


Notice of loading/unloading - RAILCOPRAR2

Recipients list (RECIPIENTS_LIST)

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11



* Code of the message Recipient. This code is issued by the port for each partner
In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".



Information per message (HEADER)

Name	Description	Type	Size
Sender 	AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Document_Reference	Code of the relevant loading list or deposition list (for the complementary list)	String	20
Train_Arrival_Date_Schedule	Train arrival date (dd/mm/yyyy hh:mm:ss)	DateTime	-

Name	Description	Type	Size
Train_Depart_Date_Schedule	Train departure date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Train_Name	Train name	String	30
VO_Code	Voyage code	String	15
Quantity_Unload	Quantity of cargo to be unloaded (notice of unloading)	Integer	-
Quantity_Load	Quantity of cargo to be loaded (notice of loading)	Integer	-

Information per Container (DETAIL)

Name	Description	Type	Size
Primary_Agent 	Primary agent	String	11
Secondary_Agent 	Secondary agent	String	11
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
Is_Loaded 	Cargo	Int	-
IMO Class 	Container risk	String	5
Seal_No	Seal number	String	20
Package_Type* 	Package type	String	4
Units*	Units (for all cargo)	Int	-

Name	Description	Type	Size
Cargo_Type*	Cargo description (text)	String	4
Cargo_Weight	Total cargo weight (net)	Real	-
Container_Weight	Empty container weight	Real	-
Loading_Date	Loading date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Unloading_Date	Unloading date (dd/mm/yyyy hh:mm:ss)	DateTime	-
Origin_Code 	Code of container origin/destination	Int	-
Registration_Country 	Container registration country	String	2
Invoice* 	Liable for payment	String	11
Destination	Destination	String	11
Origin	Origin	String	11
VGM_Gross_Weight	Certified container weight	Float	-

Information per cargo (CARGO)

Name	Description	Type	Size
Shipment_ID	Shipment ID	String	30

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>

<!DOCTYPE RAILCOPRAR2 SYSTEM "http://fnet.thpa.gr/www/RAILCOPRAR2.dtd">

<RAILCOPRAR2>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>

  <HEADER Sender="708999" EDI_Recipient_ID="null" Message_Code="ILCOPRAR21539799528B"
    Message_Date="29/01/2008 08:15:29" Document_Reference="null"
    Train_Arrival_Date_Schedule="29/01/2008 08:15:31" Train_Depart_Date_Schedule="29/01/2008 08:15:34"
    Train_Name="00009" VO_Code="TT99951E" Quantity_Unload="14" Quantity_Load="0"/>



  <DETAIL>
    <Container Primary_Agent="709999" Secondary_Agent="MAERSK" Container_ID="MSKU9716999"

      Container_Type="PC" Container_Size="40" Is_Loaded="1" IMO_Class="0" Seal_No="ML0065999"
      Package_Type="57" Units="29" Cargo_Type="XAPTI" Cargo_Weight="25281"
      Container_Weight="4000" Loading_Date="" Unloading_Date="29/01/2008 08:16:42"
      Origin_Code="4" Registration_Country="XX" Invoicee="MAERSK" Destination="GRSKG"
      Origin="BGSOF" VGM_Gross_Weight="19345,336" />

      <Cargo>
        <SHIPMENT>
          <Shipment_ID>4209-3</Shipment_ID>
        </SHIPMENT>
      </Cargo>
    </Container>
  </DETAIL>
</RAILCOPRAR2>
```

Order loading/exit/transit - RAILCOREOR



RECIPIENTS_LIST

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11






* Code of the message Recipient. This code is issued by the port for each partner

In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	[1]Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Train_Name	Train name	String	30
VO_Code	Voyage code	String	10
Train_Arrival_Date	Train arrival date	DateTime	-
Origin	Origin	String	11
Destination	Destination	String	11
Message_Type 	Message type	Int	-

Information per Container (DETAIL)

Name	Description	Type	Size
Primary_Agent 	Primary agent	String	11
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Cargo_Type	Cargo description	String	100
Cargo_Weight	Weight	Real	-
Handling_Date_Schedule	Handling date (Containers) depending on the message type (Message_type)	DateTime	-
Delivery_Date_Schedule	Delivery date	DateTime	-
Origin_Code 	Code of container origin/destination	Int	-

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>

<!DOCTYPE RAILCOREOR SYSTEM "http://fnet.thpa.gr/WWW/RAILCOREOR.dtd">

<RAILCOREOR>

  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>

  <HEADER Sender="MAERSK" EDI_Recipient_ID="TRU67U" Message_Code="041104115525348"
    Message_Date="04/11/2004 11:55:25" VO_Code="Vo1" Train_Name="Train1"
    Train_Arrival_Date="06/11/2004 11:55:25" Origin="GRAXD" Destination="GRSKG"
    Message_Type="2"/>

  <DETAIL>
    <Container Primary_Agent="MAERSK" SEQ_ID="1" Container_ID="AMFU8500300"
      Container_Type="HT" Container_Size="20" IMO_Class="0" Seal_No="ASDF69"
      Cargo_Type="00" Cargo_Weight="1069"
      Handling_Date_Schedule="07/11/2004 11:55:25"
      Delivery_Date_Schedule="07/11/2004 11:55:25" Origin_Code="2"/>
  </DETAIL>

</RAILCOREOR>
```

[1] It is clarified that the agent has brought the cargo and, according to whom he/she has issued a payment order, we note the client (if it is another person) or the agent if he/she has issued a payment order to him/herself.

Order for transfer of containers to customs clearance - RAILCOHAOR


Recipients list (RECIPIENTS_LIST)

Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11




* Code of the message Recipient. This code is issued by the port for each partner

In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Document_Reference	Manifest number	String	20
Clearance_Date	Container clearance date	DateTime	-
VO_Code	Voyage code	String	10
Train_Name	Train name	String	30
Train_Arrival_Date_Actual	Train arrival date	DateTime	-

Information per Container (DETAIL)



Name	Description	Type	Size
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Cargo_Type	Cargo description	String	100
Cargo_Weight	Cargo weight	Real	-
Origin_Code	Code of container origin/destination	Int	-

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE RAILCOHAOR SYSTEM "http://fnet.thpa.gr/WWW/RAILCOHAOR.dtd">
<RAILCOHAOR>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>
<HEADER Sender="MAERSK" EDI_Recipient_ID="TRU67U" Message_Code="041104115525348"
Message_Date="04/11/2004 11:55:25" Document_Reference="0"
Clearance_Date="07/11/2004 11:55:25" VO_Code="Vo1" Train_Name="Train1"
Train_Arrival_Date_Actual="06/11/2004 11:55:25"/>
<DETAIL>
  <Container SEQ_ID="1" Container_ID="AMFU8500300" Container_Type="HT"
Container_Size="20" IMO_Class="0" Seal_No="ASDF69" Cargo_Type="00"
Cargo_Weight="1069" Origin_Code="2"/>
</DETAIL>
</RAILCOHAOR>
```




Order for stripping - RAILCOSTOR

RECIPIENTS_LIST





Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender 	Client/ AGENT (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Document_Reference	Manifest number	String	20
Stuff_Date	Stuffing date (Containers)	DateTime	-
Strip_Date	Stripping date (Containers)	DateTime	-
VO_Code	Voyage code	String	10
Train_Name	Train name	String	30
Train_Arrival_Date_Actual	Train arrival date	DateTime	-
Invoicee 	Liabe for payment	String	11
Stuff_Strip_Instruction 	Destination (warehouse or shipment)	Int	-

Information per Container (DETAIL)

Name	Description	Type	Size
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Cargo_Type	Cargo description	String	100
Cargo_Weight	Weight	Real	-
Origin_Code 	Code of container origin/destination	Int	-

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE RAILCOSTOR SYSTEM "http://fnet.thpa.gr/WWW/RAILCOSTOR.dtd">
<RAILCOSTOR>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>
<HEADER Sender="MAERSK" EDI_Recipient_ID="TRU67U" Message_Code="041104115525348"
Message_Date="04/11/2004 11:55:25" Document_Reference="0" Stuff_Date=""
Strip_Date="06/11/2004 11:55:25" VO_Code="V01" Train_Name="Train1"
Train_Arrival_Date_Actual="05/11/2004 11:55:25" Invoicee="CompanyA"
Stuff_Strip_Instruction="1"/>
<DETAIL>
  <Container SEQ_ID="1" Container_ID="AMFU8500300" Container_Type="HT" Container_Size="20"
IMO_Class="0" Seal_No="ASDF69" Cargo_Type="00" Cargo_Weight="1069" Origin_Code="2"/>
</DETAIL>
```

</RAILCOSTOR>

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Container discharge/loading report – RAILCOARRI

Recipients list (RECIPIENTS_LIST)


Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender	PORT (Message sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Message code	String	20
Message_Date	Message date	DateTime	-
Train_Arrival_Date_Actual	Train arrival date	DateTime	-
Train_Depart_Date_Actual	Train departure date	DateTime	-
Train_Name	Train name	String	30
VO_Code	Voyage code	String	10

Information per Container (DETAIL)

Name	Description	Type	Size
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2

Name	Description	Type	Size
Container_Size 	Container size	String	3
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	10
Loading_Date_Actual	Loading date	DateTime	-
Unloading_Date_Actual	Unloading date	DateTime	-
Damage_Status 	Damage status	Int	-
Stowage_Area	Position in the stowage area - Fields	String	10
Origin_Code 	Code of container origin/destination	Int	-

Indicative XML

```

<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE RAILCOARRI SYSTEM "http://fnet.thpa.gr/WWW/RAILCOARRI.dtd">

<RAILCOARRI>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>

  <HEADER Sender="MAERSK" EDI_Recipient_ID="TRU67U" Message_Code="041104115525348"
    Message_Date="04/11/2004 11:55:25" Train_Depart_Date_Actual="06/11/2004 11:55:25"
    Train_Arrival_Date_Actual="04/11/2004 11:55:25" Train_Name="Train1" VO_Code="Vo1"/>



  <DETAIL>
    <Container Container_ID="AMFU8500300" Container_Type="HT" Container_Size="20"
      IMO_Class="0" Seal_No="ASDF69" Loading_Date_Actual=""
      Unloading_Date_Actual="05/11/2004 11:55:25" Damage_Status="0" Stowage_Area="A11"
      Origin_Code="2"/>
  </DETAIL>

</RAILCOARRI>

```


Forwarding and consolidation summary message- RAILIFCSUM

RECIPIENTS_LIST









Name	Description	Type	Size
Port 	Port (GRSKG)	String	11
Company 	Recipient (THPA)*	String	11

* Code of the message Recipient. This code is issued by the port for each partner
 In any case, the port code (which is the minimum number of recipients = 1) is mandatory and must always be included in the list. If there are no other recipients than the partners, then field Company shall have ThPA SA as the recipient, i.e. "THPA".

Information per message (HEADER)

Name	Description	Type	Size
Sender	Port (Sender)	String	11
EDI_Recipient_ID	Client code (to be used only during the communication with EDI)	String	20
Message_Code	Client request code	String	20
Message_Date	Client request date	DateTime	-
Document_Type 	Manifest type	Int	-
Train_Arrival_Date_Actual	Train arrival date	DateTime	-
Train_Depart_Date_Actual	Train departure date	DateTime	-
Train_Name	Train name	String	30
VO_Code	Voyage code	String	10
Quantity_Unload_Actual	Quantity of actual unloading cargo	Integer	-
Quantity_Load_Actual	Quantity of actual loading cargo	Integer	-

Information per container (DETAIL)

Name	Description	Type	Size
Primary_Agent 	Primary agent	String	11
Secondary_Agent 	Secondary agent	String	11
SEQ_ID	Sequence ID	Int	-
Container_ID	Container ID	String	11
Container_Type 	Container type	String	2
Container_Size 	Container size	String	3
Is_Loaded 	Cargo	Int	-
IMO_Class 	Container risk	String	5
Seal_No	Seal number	String	20
Package_Type 	Package type	String	4
Units	Units (for all cargo)	Int	-
Cargo_Type	Cargo description	String	100
Cargo_Weight	Total cargo weight (net)	Real	-
Container_Weight	Weight of empty container	Real	-
Loading_Date_Actual	Loading date	DateTime	-
Unloading_Date_Actual	Unloading date	DateTime	-
Origin_Code 	Code of container origin/destination	Int	-
Registration_Country	Container registration country	String	2

Name	Description	Type	Size
Invoicee	Liabe for payment	String	11
Destination	Destination	String	11
Origin	Origin	String	11

Information per cargo (CARGO)

Name	Description	Type	Size
Shipment_ID	Shipment ID	String	30

Indicative XML

```
<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE RAILIFCSUM SYSTEM "http://fnet.thpa.gr/WWW/RAILIFCSUM.dtd">
<RAILIFCSUM>
  <Recipients_List>
    <Port>GRSKG</Port>
    <Company>THPA</Company>
  </Recipients_List>
  <HEADER Sender="MAERSK" EDI_Recipient_ID="TRU67U" Message_Code="041104115525348"
    Message_Date="04/11/2004 11:55:25" Document_Type="1"
    Train_Depart_Date_Actual="08/11/2004 11:55:25"
    Train_Arrival_Date_Actual="06/11/2004 11:55:25" Train_Name="Train1" VO_Code="Vo1"
    Quantity_Unload_Actual="1" Quantity_Load_Actual="0"/>
  <DETAIL>
    <Container Primary_Agent="MAERSK" Secondary_Agent="MAERSK" SEQ_ID="1"
      Container_ID="AMFU8500300" Container_Type="HT" Container_Size="20" Is_Loaded="1"
      IMO_Class="0" Seal_No="ASDF69" Package_Type="1" Units="169" Cargo_Type="00"
      Cargo_Weight="1069" Container_Weight="569" Loading_Date_Actual=""
      Unloading_Date_Actual="07/11/2004 11:55:25" Origin_Code="2" Registration_Country="AE"
      Invoicee="CompanyA" Destination="GRCRG" Origin="GRCSF">
      <Cargo>
        <SHIPMENT>
          <Shipment_ID>MGF/WER69</Shipment_ID>
        </SHIPMENT>
      </Cargo>
    </Container>
  </DETAIL>
</RAILIFCSUM>
```

ANNEX

Error messages and frequently asked questions

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Error messages

Reason for Cancellation	Problem Description	Problem Resolution
Error in ELORDER. Message Rejected.	The XML message code has already been used.	Change of the message code
Value "xx" not exist in table "PACKAGE_TYPE:PACKAGE_ID	Error in the field Package_Type <Package type>	Change of "xx" to a variable available on the search table
Value "xx" not exist in table "CONTAINER_SIZE:CSIZE_CODE	Error in the field Container_Size <Container size>	Change of "xx" to a variable available on the search table
Illegal character in the attribute value '&'.	Character '&' is not acceptable	Change of "xx" to an accepted variable , refer to FAQ 13
Value "xx" not exist in table "COUNTRY:COUNTRY_CODE	Error in one of the fields Company, Sender, Ship_owner, Primary_Agent, Secondary_Agent <country code>	Change of "xx" to a variable available on the search table
Value "xx" not exist in table "COMPANY:COMPANY_ID	Error in one of the fields Company, Sender, Primary_Agent, Secondary_Agent	Change of "xx" to a variable available on the search table
INSERT statement conflicted with COLUMN FOREIGN KEY constraint 'FK_VESSEL_REF_1262_COMPANY'. The conflict occurred in database 'Translgnet', table 'COMPANY', column 'COMPANY_ID	Error in the field Ship_Owner <Ship owner> In order to accelerate the process of introducing agents and transactors of the C.T. into the Comprehensive Information System, it was decided by the Monitoring Committee of the Information System to allow the use of the code of the shipping company that "represents" the particular ship, in cases where it is impossible to identify the ship owner.	Change of "xx" to an existing company code
Violation of PRIMARY KEY constraint 'PK_CARGO_SHIPMENT'. Cannot insert duplicate key in object 'CARGO_SHIPMENT'	Error in the field Shipment_ID <Shipment ID>	Delete one entry with the same shipment ID
[Element "DETAIL"]: Content of the element does not match its declaration.	Structure error in the XML	
" is not a valid integer value	Error in a field with Integer data type	There must be no empty fields Change the variable

" 11912.5 " is not valid adNumeric

Error in a field with Real data type

Check the format of the Real data types;
xxxxxx,yyy i.e. the decimal symbol is "," and not
"."

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9. Can we send a “complementary” COPRAR for a voyage for which another “initial” COPRAR preceded?

YES. The complementary COPRAR shall include:

- The same voyage number;
- An updated HEADER that will include the final number of containers to be loaded or unloaded;
- The new containers in the DETAILS of the XML;
- The message shall be sent before the ship’s arrival*;
- In the case that in the complementary COPRAR there are common containers with the original XML, then, the newly-added information will replace the old one.

10. What is the format of the Real data types?

xxxxxx,yyy i.e. the decimal symbol is “,” and not “.”

11. How do we send the XML messages to ThPA SA?

Sending data over the Internet is done with the use of encryption techniques (SSL). For the communication protocol specifications, please call **2310 593384**

12. How do we create a voyage code (Vo_Code)?

The Voyage code must be a **unique number** that identifies every arrival and departure of a ship. Therefore, we suggest that it be created according to the following:

A) Client code + unique number of arrival and departure of client’s ship or

B) Ship Line code + unique number of arrival and departure of client’s ship

In any case, **the uniqueness of the voyage code must be ensured**, both among voyages of different agents and among voyages of the specific shipping agent that manages the ship.

13. What characters can be used in fields with STRING data type?

All characters are acceptable (A-Z) by the system, except for:

- Punctuation marks (, . / ? « ? : ‘ ` etc.)
- Symbols & / ^ % \$ # @ ! () + - ~ [] { } | \

BABLIE / MOVINS EDI MESSAGES

In addition to the xml messages described in this document we will accept the following EDI messages:

BABLIE version and MOVINS version

For the testing period these messages can be send to (<https://194.219.66.101/EdiUploader/login.aspx>)
Or with email at the address vesselopsct@thpa.gr

Annex Sample xmls

COPRAR1

```
<?xml version="1.0" encoding="ISO-8859-7"?>
<!DOCTYPE COPRAR1 SYSTEM "http://fnet-clone.thpa.gr/www/COPRAR1.dtd">
<COPRAR1>
<Recipients_List>
<Port>GRSKG</Port>
<Company>THPA</Company>
</Recipients_List>
<HEADER Sender="CMA" EDI_Recipient_ID="" Message_Code="201922000CMA3560"
Message_Date="20/02/2019 10:00" Ship_Arrival_Date_Schedule="21/02/2019 07:00:00" Ship_Name="LION" Service_Lane_Out="TURAF" VO_Code="0TF4RS1MA" />

  <DETAIL>
    <Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="CMAU1206990"
    Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4354555"
    Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
    Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
    Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
    Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
    <Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="TCKU3865776"
    Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356176"
    Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
    Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
    Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
    Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
    <Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="CAXU3137855"
    Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356175"
    Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
    Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
    Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
    Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
    <Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="CMAU1131972"
    Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356075"
    Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
    Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
    Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
```


Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
<Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="TRHU2456468"
Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356025"
Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
<Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="ECMU2081971"
Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356024"
Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
<Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="CAIU3824802"
Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356027"
Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
<Container Primary_Agent="CMA" Secondary_Agent="CMA" Container_ID="TEMU4119945"
Container_Type="PC" Container_Size="20" Is_Loaded="1" IMO_Class="0" Seal_No="G4356029"
Package_Type="59" Units="20" Cargo_Type="ΚΟΜΠΟΣΤΕΣ" Cargo_Weight="20000" Container_Weight="2000"
Registration_Country="AG" Customs_Type="13" CustomsNo="0" Customs_Auth_Type="11"
Trans_Port_Out="MTMLA" Origin_Code="3" Set_Temp="" Forwarder_Id="" Origin_Port_Id="" Final_Destination_Id="MTMLA" Container_Iso_Code="22G1" UNNO="0"
Contact_Details="" Wastes_Cargo="0" VGM_Gross_Weight="0,00" />
</DETAIL>
</COPRAR1>

COPRAR2-load

```
<?xml version="1.0" encoding="ISO-8859-7" ?>
<!DOCTYPE COPRAR2 SYSTEM "http://fnet-clone.thpa.gr/www/COPRAR2.dtd">
<COPRAR2>
  <Recipients_List>
  <Port>GRSKG</Port>
  <Company>THPA</Company>
  </Recipients_List>
<HEADER Sender="702231" EDI_Recipient_ID=""
Message_Code="0941000001958LGG1"
Message_Date="23/01/2019 00:00:00" Document_Reference="0" Captain_Name="PERKUMYUK OLEKSAND"
Ship_Arrival_Date_Schedule="24/01/2019 02:52:31"
Ship_Depart_Date_Schedule="26/01/2019 06:52:31"
Ship_Name="WARNOW BELUGA"
VO_Code="VOWNBLO22W"
Ship_Flag="AG" Ship_Length="166"
Ship_Owner="702231" Ship_Gross_Capacity="15334" Ship_Net_Capacity="5983"
Port_Registry="USSJN" Port_Origin="GRSKG"
Port_Destination="GRPIR" Passengers_No="15"
Quantity_Unload="" Quantity_Load="404" />
<DETAIL>
<Container Primary_Agent="702231" Secondary_Agent="702231"
Container_ID="AXIU2184897" Container_Type="PC"
Container_Size="20"
Container_Iso_Code="22G1"
Is_Loaded="1"
IMO_Class="0" Seal_No="GR057629"
Package_Type="59"
Units="1" Cargo_Type="MAPMAPA" Cargo_Weight="24587"
Container_Weight="2300"
Loading_Date="24/01/2019 12:00:00" Unloading_Date="24/01/2019 12:00:00"
Origin_Code="2"
Registration_Country="TW"
Invoicee="702231"
Destination_Port="CNXMN" Origin_Port="GRSKG"
Trans_Port_In="GRSKG" Trans_Port_Out="GRPIR"
UNNO="0" Wastes_Cargo="0" Set_Temp="0" VGM_Gross_Weight="26787"
>
</Cargo>
```

<SHIPMENT>
<Shipment_ID>581900002644</Shipment_ID>
</SHIPMENT>
</Cargo>
</Container>
<Container Primary_Agent="702231" Secondary_Agent="702231"
Container_ID="AXIU8487530" Container_Type="PC"
Container_Size="20"
Container_Iso_Code="22G1"
Is_Loaded="1"
IMO_Class="0" Seal_No="GR057360"
Package_Type="59"
Units="1" Cargo_Type="MAPMAPA" Cargo_Weight="24740"
Container_Weight="2300"
Loading_Date="24/01/2019 12:00:00" Unloading_Date="24/01/2019 12:00:00"
Origin_Code="4"
Registration_Country="TW"
Invoicee="702231"
Destination_Port="CNXMN" Origin_Port="GRSKG"
Trans_Port_In="GRSKG" Trans_Port_Out="GRPIR"
UNNO="0" Wastes_Cargo="0" Set_Temp="0" VGM_Gross_Weight="26980"
>
<Cargo>
<SHIPMENT>
<Shipment_ID>581900002342</Shipment_ID>
</SHIPMENT>
</Cargo>
</Container>
</DETAIL>
</COPRAR2>

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COPRAR2- discharge

```
<?xml version="1.0" encoding="ISO-8859-7" ?>
<!DOCTYPE COPRAR2 SYSTEM "http://fnet-clone.thpa.gr/www/COPRAR2.dtd">
<COPRAR2>
<Recipients_List>
<Port>GRSKG</Port>
<Company>THPA</Company>
</Recipients_List>
<HEADER Sender="702231" EDI_Recipient_ID=""
Message_Code="0941000001956GG1"
Message_Date="16/01/2019 00:00:00" Document_Reference="0" Captain_Name="PERKUMYUK OLEKSAND"
Ship_Arrival_Date_Schedule="24/01/2019 21:33:52"
Ship_Depart_Date_Schedule="26/01/2019 21:33:52"
Ship_Name="WARNOW BELUGA"
VO_Code="VOWNBL022W"
Ship_Flag="AG" Ship_Length="166"
Ship_Owner="702231" Ship_Gross_Capacity="15334" Ship_Net_Capacity="5983"
Port_Registry="GBDGL" Port_Origin="TRIST"
Port_Destination="GRPIR" Passengers_No="15"
Quantity_Unload="354" Quantity_Load="" />
<DETAIL>
<Container Primary_Agent="702231" Secondary_Agent="702231"
Container_ID="BEAU2107377" Container_Type="PC"
Container_Size="20"
Container_Iso_Code="22G1"
Is_Loaded="0"
IMO_Class="0" Seal_No=""
Package_Type="59"
Units="1" Cargo_Type="KENO" Cargo_Weight="0"
Container_Weight="2300"
Loading_Date="24/01/2019 12:00:00" Unloading_Date="24/01/2019 12:00:00"
Origin_Code="6"
Registration_Country="TW"
Invoicee="702231"
Destination_Port="GRSKG" Origin_Port="GRPIR"
UNNO="0" Wastes_Cargo="0" Set_Temp="0" Trans_Port_In="GRPIR" Trans_Port_Out="GRPIR"
```

>
<Cargo>
<SHIPMENT>
<Shipment_ID>893000000001</Shipment_ID>
</SHIPMENT>
</Cargo>
</Container>
</DETAIL>
</COPRAR2>

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