



## Samskip EDI

# EDI Sample Files

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### About This Document

This document provides samples of messages which would validate in the connectivity between SAMSKIP and its trading partners. Subsequent sections provide details for each example introduced.

### Audience

This document is intended for personnel engaged in establishing an electronic connection with SAMSKIP for the purpose of exchanging business transactions over the Internet.

### Document History

Release Date	Document Information
January 9, 2023	Initial document.

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# 1 Introduction

## 1.1 EDIFACT is SAMSKIP's preferred EDI format

SAMSKIP supports several formats for exchanging EDI messages. EDIFACT, X12, xml, json, csv and flat files are in use. If the partner can use EDIFACT, this is the preferred EDI format.

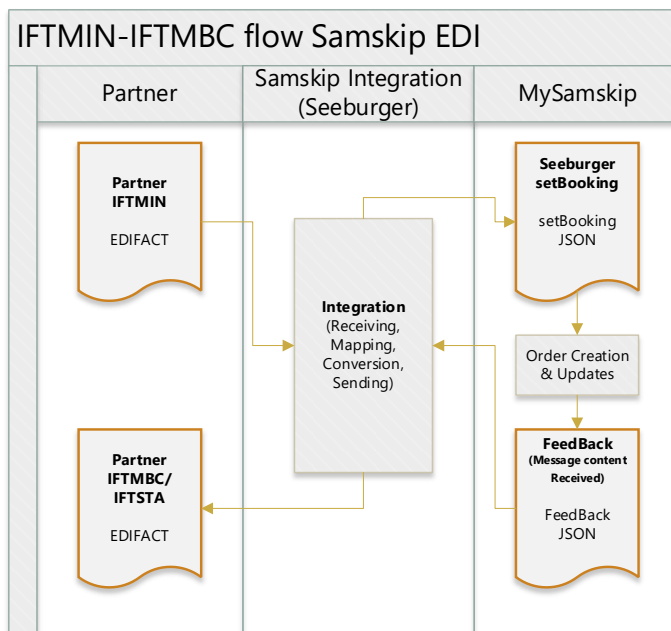
EDIFACT provides:

- A set of syntax rules to structure data
- Standard messages that allow data exchange between different industries and different countries – also known as a transaction
- An extensive set of code lists and indicates which protocol is used for secure messaging
- Developed in 1987 by the United Nations (UN), providing an international standard
- EDIFACT is ISO 9735-10:2014 certified

At the time of writing, we're using Seeburger as our EDI system, capable of providing an even wider range of formats.

## 1.2 Scope

We limited the number of messages we describe in this guide to four, most preferred and most used messages in our Partner integrations.



## 2 IFTMIN D.09A message

An EDIFACT IFTMIN message is a message from the party issuing an instruction regarding forwarding/transport services for a consignment under conditions agreed, to the party arranging the forwarding and/or transport services. This message may be applied for both national and international trade. It is based on universal practice and is not dependent on the type of business or industry.

### 2.1 IFTMIN D.09A, example

```
UNA:+.? '
UNB+UNOC:3+PARTNERXYZ+SAMSKIPMCL+221024:1324+20569795.1'
UNH+20569795.1+IFTMIN:D:09A:UN'
BGM+335+20569795+9'
DTM+137:202210241324:203'
FTX+CIP++T+Temporary Storage'
RFF+SRN:3022739'
DTM+4:202210241324:203'
NAD+CA+++Samskip Multimodal BV+Waalhaven O.Z. 81 Havennr.2203+Rotterdam++3087
BM+NL'
NAD+CZ+++PARTNERXYZ B.V.+Eenlingstraat 12+Rotterdam++3087 AF+NL'
NAD+EX+DE6045626++CompanyA GmbH+Gebäude?:K 10/Raum 12291+Leverkusen++51367+DE'
NAD+IM+GB840346929000++CompanyB Ltd+Pearls Road
(Stirlingshire)+Grangemouth++FK3 7 XG+GB'
GID+1+1'
FTX+AAA+++4,6-Dichloropyrimidine Hot Melt ** ONLY in Shippers Owned Tanks !!
**'
NAD+PW+++RST Zuidzijde 2750+Havennr 2750 / Reeweg 35+Rotterdam++3089 KM+NL'
DTM+200:202211031900:203'
NAD+DP+++Forth Ports Plc+Central Road+Grangemouth++FK3 8UE+GB'
DTM+2:202211062000:203'
MEA+WT+AAB+KGM:24000'
DOC+:::EU'
DGS+ADR+8+1759++2'
FTX+AAC+++CORROSIVE SOLID, N.O.S., MOLTEN'
FTX+AAC+++ (4,6-Dichloropyrimidine) '
EQD+CN+EURU1618098+22K2+++5'
MEA+AAE+T+KGM:3650'
MEA+AAE+VGM+KGM:27650'
UNT+25+20569795.1'
UNZ+1+20569795.1'
```

## 2.2 IFTMIN D.09A, content

### INSTRUCTION MESSAGE

#### General Information

#### DOCUMENT INFORMATION

MESSAGE REFERENCE NUMBER: 20569795.1  
MESSAGE IDENTIFIER: Instruction message  
MESSAGE VERSION NUMBER: Draft version/UN/EDIFACT Directory  
MESSAGE RELEASE NUMBER: Release 1999 - B  
CONTROLLING AGENCY, CODED: UN/ECE/TRADE/WP.4

DOCUMENT/MESSAGE NAME: Booking request  
DOCUMENT/MESSAGE IDENTIFICATION: 20569795  
Message function code: Original

#### DATE/TIME

Document/message date/time: 10/24/2022 (13:24)

NOTES Temporary Storage

#### REFERENCE

Shipment reference number : 3022739

#### DATE/TIME

Order date/time: 10/24/2022 (13:24)

#### CONTACT INFORMATION

Carrier ID :  
Samskip Multimodal BV  
Waalhaven O.Z. 81 Havennr.2203  
Rotterdam , 3087 BM , NL  
Consignor ID :  
PARTNERXYZ B.V.  
Eenlingstraat 12  
Rotterdam , 3087 AF , NL  
Exporter ID : DE6045626  
CompanyA Gmbh  
Gebäude:K 10/Raum 12291

Leverkusen , 51367 , DE  
Importer ID : GB840346929000  
CompanyB Ltd  
Pearls Road (Stirlingshire)  
Grangemouth , FK3 7 XG , GB

#### GOODS ITEM DETAILS

Goods item number: 1  
NUMBER AND TYPE OF PACKAGES: 1

NOTES 4,6-Dichloropyrimidine Hot Melt \*\* ONLY in Shippers Owned Tanks !! \*\*

#### CONTACT INFORMATION

Despatch party ID :  
RST Zuidzijde 2750  
Havennr 2750 / Reeweg 35  
Rotterdam , 3089 KM , NL

#### DATE/TIME

Pick-up/collection date/time of cargo: 11/3/2022 (19:00)

#### CONTACT INFORMATION

Delivery party ID :  
Forth Ports Plc  
Central Road  
Grangemouth , FK3 8UE , GB

#### DATE/TIME

Delivery date/time, requested: 11/6/2022 (20:00)

#### MEASUREMENTS

Unit gross weight: 24000 kilogram

#### DOCUMENT/MESSAGE DETAILS

Document name: EU

#### DANGEROUS GOODS

Dangerous goods regulations code: European agreement on the international carriage of  
HAZARD CODE: 8  
UNDG INFORMATION: 1759

Packing group, coded: Medium danger

NOTES CORROSIVE SOLID, N.O.S., MOLTEN (4,6-Dichloropyrimidine)

### EQUIPMENT DETAILS

Equipment type code qualifier: Container

EQUIPMENT IDENTIFICATION: EURU1618098

EQUIPMENT SIZE AND TYPE: Code 22K2

Full/empty indicator, coded: Full

### MEASUREMENTS

Tare weight: 3650 kilogram

### MEASUREMENTS

Code VGM27650 kilogram



## 3 Samskip setBooking message

A xml message representing a Samskip counterpart for an IFTMIN, thus a message from the party issuing an instruction regarding forwarding/transport services for a consignment under conditions agreed, to the party arranging the forwarding and/or transport services. This message may be applied for both national and international trade. It is based on universal practice and is not dependent on the type of business or industry.

### 3.1 setBooking, example

```
<?xml version="1.0"?>
<setBooking>
  <message_number>3022739W</message_number>
  <number_of_bookings>1</number_of_bookings>
  <booking_date_time>24-10-2022 13:24:00</booking_date_time>
  <message_type>EDI</message_type>
  <client_key>1045354</client_key>
  <quote_id/>
  <equipment_type>F2T</equipment_type>
  <equipment_number>EURU1618098</equipment_number>
  <references>
    <reference type="Customer">
      <value>3022739W</value>
    </reference>
    <reference type="Intermediar Reference">
      <value>20569795</value>
    </reference>
  </references>
  <commodity_code>28</commodity_code>
  <customs_status/>
  <customer_booking_reference value="3022739W"/>
  <samskip_booking_reference/>
  <from_port>NL</from_port>
  <to_port>GB</to_port>
  <arrival_modality_type/>
  <type>N</type>
  <internal_unique_reference>20221110155746</internal_unique_reference>
  <tarra>3650</tarra>
  <total_cargo_weight/>
  <vgm>27650</vgm>
  <customer>
    <name_1>SHIPPER</name_1>
    <address_line_1/>
    <address_line_2/>
    <postal_code/>
    <city/>
    <country_code/>
    <contact/>
  </customer>
  <booking_parties>
    <notify_party>
      <name_1>PARTNERXYZ B.V.</name_1>
```



```
<address_line_1>Eenlingstraat 12</address_line_1>
<address_line_2/>
<streetnumber>3087 AF</streetnumber>
<postal_code/>
<city>Rotterdam</city>
<country_code>NL</country_code>
<contact/>
<eorinumber/>
</notify_party>
<consignee>
  <name_1>CompanyB Ltd</name_1>
  <address_line_1>Pearls Road (Stirlingshire)</address_line_1>
  <address_line_2/>
  <streetnumber>FK3 7 XG</streetnumber>
  <postal_code/>
  <city>Grangemouth</city>
  <country_code>GB</country_code>
  <contact/>
  <eorinumber>GB840346929000</eorinumber>
</consignee>
<forwarder>
  <name_1>CompanyA Gmbh</name_1>
  <address_line_1>Gebäude:K 10/Raum 12291</address_line_1>
  <address_line_2/>
  <streetnumber>51367</streetnumber>
  <postal_code/>
  <city>Leverkusen</city>
  <country_code>DE</country_code>
  <contact/>
  <eorinumber>DE6045626</eorinumber>
</forwarder>
</booking_parties>
<collections>
  <collection>
    <sequence_number>1</sequence_number>
    <references>
      <reference type="">
        <value>3022739W</value>
      </reference>
    </references>
    <location_type/>
    <name_1>RST Zuidzijde 2750</name_1>
    <address_line_1>Havennr 2750 / Reeweg 35</address_line_1>
    <postal_code>3089 KM</postal_code>
    <city>ROTTERDAM</city>
    <country_code>NL</country_code>
    <duration/>
    <date>03-11-2022 00:00:00</date>
    <instructions>
      <instruction>
        <instruction>[EDI_REF:20569795] [ISO:22K2]
[TARE:3650]</instruction>
      </instruction>
    </instructions>
  </collection>
</collections>
```

```

<deliveries>
  <delivery>
    <sequence_number>1</sequence_number>
    <references>
      <reference type="">
        <value/>
      </reference>
    </references>
    <location_type/>
    <name_1>Forth Ports Plc</name_1>
    <address_line_1>Central Dock Road</address_line_1>
    <postal_code>FK3 8UE</postal_code>
    <city>GRANGEMOUTH</city>
    <country_code>GB</country_code>
    <duration/>
    <instructions>
      <instruction>
        <instruction/>
      </instruction>
    </instructions>
  </delivery>
</deliveries>
<goods>
  <goodsdetail>
    <collection_sequence>1</collection_sequence>
    <delivery_sequence>1</delivery_sequence>
    <quantity>1</quantity>
    <quantity_type>TANK</quantity_type>
    <volume/>
    <volume_type/>
    <description>4,6-Dichloropyrimidine Hot Melt **</description>
    <temp_value_min/>
    <temp_value_max/>
    <temp_type/>
    <payload>24000</payload>
    <isHazardous>1</isHazardous>
    <flashpoint_value_min/>
    <flashpoint_value_max/>
    <flashpoint_type/>
    <unno_code>1759</unno_code>
    <subsidiary_class1/>
    <subsidiary_class2/>
    <class>80</class>
    <packing_group>II</packing_group>
    <proper_shipping_name>(4,6-Dichloropyrimidine)</proper_shipping_name>
    <marine_pollutant/>
    <limited_quantity>0</limited_quantity>
  </goodsdetail>
</goods>
  <documents document_category="" document_type="EU" document_number=""
document_expiration_date="" is_import="" from_port="" to_port=""/>
</setBooking>

```

## 4 IFTMBC D.99B message

An EDIFACT IFTMBC message is a message from the party providing forwarding and/or transport services to the party booking those services giving the confirmation information to the booking of the consignment concerned. A confirmation might read that the booking of a consignment is accepted, pending, conditionally accepted or rejected.

The conditions under which requested services take place may be given in this message.

This message can also be used between vessel operators, vessel sharing partners and cargo receiving and handling facilities such as marine terminals, inland receiving depots, rail ramps and truck terminals to confirm cargo particulars and equipment requirements of the transport provider to the service provider responsible for dispatching empty equipment and receiving the cargo.

### 4.1 IFTMBC D.99B, example

```
H.UNH:                UNH+1+IFTMBC:D:99B:UN:2.0
H.BGM:                BGM+770+20569795+6+AP
H.CTA:                CTA+CW+:Samskip Customer Service
H.COM:                COM+CSG@samskip.com:EM
H.DTM:                DTM+137:202210241436:203
H.TSR:                TSR+30
H.LOC.LOC:            LOC+10+NLRTM:181:6:Rotterdam
H.LOC.LOC:            LOC+125+GBGRG:181:6:Grangemouth
H.RFF.RFF:            RFF+SI:3022739
H.RFF.RFF:            RFF+AIW:20569795
H.RFF.RFF:            RFF+SRN:3022739
H.RFF.RFF:            RFF+CT:QT161263-03
H.RFF.RFF:            RFF+BN:2200246487
H.TDT.TDT:            TDT+20+GL2067+1+8+SBDU:172:182+++::SAMSK INNOVATOR
H.TDT.LOC.LOC:        LOC+9+NLRTM:139:6:Rotterdam RST CT
H.TDT.LOC.DTM:        DTM+133:202211040700:203
H.TDT.LOC.DTM:        DTM+180:202211032000:203
H.TDT.LOC.LOC:        LOC+11+GBGRG:139:6:Grangemouth CT
H.TDT.LOC.DTM:        DTM+132:202211050800:203
H.NAD.NAD:            NAD+CA+SBDU:160:87+Samskip Multimodal B.V.
H.NAD.NAD:            NAD+CZ+1045354:160:192+Partner XYZ
H.GID.GID:            GID+1
H.GID.FTX:            FTX+AAA+++CORROSIVE SOLID, N.O.S.
H.GID.MEA.MEA:        MEA+AAE+G+KGM:24000
H.EQD.EQD:            EQD+CN+EURU1618098:146:ZZZ+F2T:102:5
H.EQD.EQN:            EQN+1:2
H.EQD.NAD.NAD:        NAD+CK++Rotterdam RST CT:Reeweg:Rotterdam RST CT++Reeweg
                        35:Rotterdam+++3089 KM+NLD
H.EQD.NAD.DTM:        DTM+200:20221103:102
H.EQD.NAD.NAD:        NAD+TR++Grangemouth CT:Central Dock Road:Grangemouth CT
                        ++Central Dock Road 35:Grangemouth+++FK3 8UE+GBR
H.EQD.NAD.DTM:        DTM+17:20221105:102
H.UNT:                UNT+31+1
```

## 4.2 IFTMBC D.99B, content

### BOOKING CONFIRMATION MESSAGE

#### General Information

##### DOCUMENT INFORMATION

MESSAGE REFERENCE NUMBER: 1  
MESSAGE IDENTIFIER: Booking confirmation message  
MESSAGE VERSION NUMBER: Draft version/UN/EDIFACT Directory  
MESSAGE RELEASE NUMBER: Release 1999 - B  
CONTROLLING AGENCY, CODED: UN/ECE/TRADE/WP.4  
ASSOCIATION ASSIGNED CODE: Code 2.0

DOCUMENT/MESSAGE NAME: Booking confirmation  
DOCUMENT/MESSAGE IDENTIFICATION: 20569795  
Message function code: Confirmation  
Response type code: Accepted

##### CONTACT INFORMATION

Contact function code: Confirmed with  
Department or employee: Samskip Customer Service

##### COMMUNICATION CONTACT

COMMUNICATION CONTACT: CSG@samskip.com  
Communication number code qualifier: Electronic mail

##### DATE/TIME

Document/message date/time: 10/24/2022 (14:36)

##### TRANSPORT SERVICE REQUIREMENTS

CONTRACT AND CARRIAGE CONDITION: Pier-to-pier

##### PLACE/LOCATION IDENTIFICATION

Place of acceptance : NLR TM  
Code list identification code: Activity  
Code list responsible agency code: UN/ECE (United Nations - Economic Commission for Europe)  
Location name: Rotterdam

##### PLACE/LOCATION IDENTIFICATION

Last place/port of call of conveyance : GBGRG

Code list identification code: Activity

Code list responsible agency code: UN/ECE (United Nations - Economic Commission for Europe)

Location name: Grangemouth

#### REFERENCE

SID (Shipper's identifying number for shipment) : 3022739

#### REFERENCE

Transport section reference number : 20569795

#### REFERENCE

Shipment reference number : 3022739

#### REFERENCE

Contract number : QT161263-03

#### REFERENCE

Booking reference number : 2200246487

#### DETAILS OF TRANSPORT

Transport stage code qualifier: Main-carriage transport

Conveyance reference number: GL2067

MODE OF TRANSPORT: 1

TRANSPORT MEANS: Container ship

CARRIER: SBDU

Code list identification code: Carriers

Code list responsible agency code: US, Standard Carrier Alpha Code (Motor)

Transport means identification name: SAMSK INNOVATOR

#### PLACE/LOCATION IDENTIFICATION

Place/port of loading : NLRM

Code list identification code: Port

Code list responsible agency code: UN/ECE (United Nations - Economic Commission for Europe)

Location name: Rotterdam RST CT

#### DATE/TIME

Departure date/time, estimated: 11/4/2022 (07:00)

Closing date/time: 11/3/2022 (20:00)

#### PLACE/LOCATION IDENTIFICATION

Place/port of discharge : GBGRG

Code list identification code: Port

Code list responsible agency code: UN/ECE (United Nations - Economic Commission for Europe)

Location name: Grangemouth CT

## DATE/TIME

Arrival date/time, estimated: 11/5/2022 (08:00)

## CONTACT INFORMATION

Carrier (Assigned by carrier) : SBDU

Samskip Multimodal B.V.

Consignor (Shipper's association) : 1045354

Partner XYZ

## GOODS ITEM DETAILS

Goods item number: 1

NOTES CORROSIVE SOLID, N.O.S.

## MEASUREMENTS

Gross weight: 24000 kilogram

## EQUIPMENT DETAILS

Equipment type code qualifier: Container

EQUIPMENT IDENTIFICATION: EURU1618098

Code list identification code: Means of transport identification

Code list responsible agency code: Mutually defined

EQUIPMENT SIZE AND TYPE: Code F2T

Code list identification code: Size and type

Code list responsible agency code: ISO (International Organization for Standardization)

## NUMBER OF UNITS

NUMBER OF UNIT DETAILS: 1

Unit type code qualifier: Transportable unit

## CONTACT INFORMATION

Empty equipment despatch party ID :

Rotterdam RST CT , Reeweg , Rotterdam RST CT

Reeweg 35 , Rotterdam

## DATE/TIME

Pick-up/collection date/time of cargo: 11/3/2022

## CONTACT INFORMATION

Terminal operator ID :  
Grangemouth CT , Central Dock Road , Grangemouth CT  
Central Dock Road 35 , Grangemouth

**DATE/TIME**

Delivery date/time, estimated: 11/5/2022





# 5 IFTSTA D.99B message

An EDIFACT IFTSTA message is a message to report the transport status and/or a change in the transport status (i.e. event) between agreed parties.

The International multimodal status report message may be used for both national and international applications. It is based on universal practice related to administration, commerce and transport, and is not dependent on the type of business or industry.

## 5.1 IFTSTA D.99B, example

```
UNB+UNOC:1+SAMSKIPMCL+PARTNER_XYZ+221109:1750+20221109175012'  
UNH+1+IFTSTA:D:99B:UN:2.0'  
BGM+770+20569795+6+AP'  
DTM+137:202211091750:203'  
TSR+30'  
NAD+CA+SBDU:160:87+Samskip Multimodal B.V.'  
CTA+CW+:Samskip Customer Service'  
COM+088-1234567:EM'  
NAD+CZ+1045354:160:192+Partner XYZ'  
RFF+SI:3022739'  
RFF+AIW:3022739'  
RFF+SRN:3022739'  
RFF+CT:QT161263-03'  
RFF+BN:2200246487'  
CNI'  
LOC+10+NLRTM:181:6:Rotterdam'  
LOC+125+GBGRG:181:6:Grangemouth'  
STS'  
NAD+CK++Rotterdam RST CT:Reeweg:Rotterdam RST CT++Reeweg 35:Rotterdam+++3089  
KM+NLD'  
NAD+TR++Grangemouth CT:Central Dock Road:Grangemouth CT++Central Dock Road  
35:Grangemouth+++FK3 8UE+GBR'  
TDT+20+++++:::Will be determined later'  
DTM+200:20221103:102'  
DTM+17:20221109:102'  
EQD+CN+EURU1618098:146:ZZZ+F2T:102:5'  
GID+1'  
FTX+AAA+++CORROSIVE SOLID, N.O.S.'  
MEA+AAE+G+KGM:24140'  
UNT+27+1'  
UNZ+1+20221109175012'
```

## 5.2 IFTSTA D.99B, content

### INTERNATIONAL MULTIMODAL STATUS REPORT MESSAGE

#### General Information

##### DOCUMENT INFORMATION

MESSAGE REFERENCE NUMBER: 1  
MESSAGE IDENTIFIER: International multimodal status report message  
MESSAGE VERSION NUMBER: Draft version/UN/EDIFACT Directory  
MESSAGE RELEASE NUMBER: Release 1999 - B  
CONTROLLING AGENCY, CODED: UN/ECE/TRADE/WP.4  
ASSOCIATION ASSIGNED CODE: Code 2.0

DOCUMENT/MESSAGE NAME: Booking confirmation  
DOCUMENT/MESSAGE IDENTIFICATION: 20569795  
Message function code: Confirmation  
Response type code: Accepted

##### DATE/TIME

Document/message date/time: 11/9/2022 (17:50)

##### TRANSPORT SERVICE REQUIREMENTS

CONTRACT AND CARRIAGE CONDITION: Pier-to-pier

##### CONTACT INFORMATION

Carrier (Assigned by carrier) : SBDU  
Samskip Multimodal B.V.

##### CONTACT INFORMATION

Contact function code: Confirmed with  
Department or employee: Samskip Customer Service

##### COMMUNICATION CONTACT

COMMUNICATION CONTACT: 088-1234567  
Communication number code qualifier: Electronic mail

##### CONTACT INFORMATION

Consignor (Shipper's association) : 1045354  
Partner XYZ

## REFERENCE

SID (Shipper's identifying number for shipment) : 3022739

## REFERENCE

Transport section reference number : 3022739

## REFERENCE

Shipment reference number : 3022739

## REFERENCE

Contract number : QT161263-03

## REFERENCE

Booking reference number : 2200246487

## CONSIGNMENT INFORMATION

### PLACE/LOCATION IDENTIFICATION

Place of acceptance : NLR TM

Code list identification code: Activity

Code list responsible agency code: UN/ECE (United Nations - Economic Commission for

Location name: Rotterdam

### PLACE/LOCATION IDENTIFICATION

Last place/port of call of conveyance : GBGRG

Code list identification code: Activity

Code list responsible agency code: UN/ECE (United Nations - Economic Commission for

Location name: Grangemouth

## STATUS

### CONTACT INFORMATION

Empty equipment despatch party ID :

Rotterdam RST CT , Reeweg , Rotterdam RST CT

Reeweg 35 , Rotterdam

Terminal operator ID :

Grangemouth CT , Central Dock Road , Grangemouth CT

Central Dock Road 35 , Grangemouth

### DETAILS OF TRANSPORT

Transport stage code qualifier: Main-carriage transport

Transport means identification name: Will be determined later

## DATE/TIME

Pick-up/collection date/time of cargo: 11/3/2022

Delivery date/time, estimated: 11/9/2022

## EQUIPMENT DETAILS

Equipment type code qualifier: Container

EQUIPMENT IDENTIFICATION: EURU1618098

Code list identification code: Means of transport identification

Code list responsible agency code: Mutually defined

EQUIPMENT SIZE AND TYPE: Code F2T

Code list identification code: Size and type

Code list responsible agency code: ISO (International Organization for Standardization)

## GOODS ITEM DETAILS

Goods item number: 1

NOTES

## MEASUREMENTS

Gross weight: 24140 kilogram