



# MESSAGE SPECIFICATION - TRANSPORT FOR PORT COMMUNITY SYSTEM (PCS)

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**Release No 3.3 – Aug, 2008**

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**DISTRIBUTION LIST** *(Applicable only if hardcopies are distributed)*

DOCUMENT CONTROL NUMBER	VERSION NUMBER	RECIPIENT NAME	DATE (DD.MM.YYYY)
1	1.0		

**RELEASE HISTORY**

RELEASE NUMBER	ASSOCIATED CHANGE REQUEST NUMBER	DATE (MM,YYYY)	BRIEF SUMMARY OF CHANGES
1.0	NA	APRIL, 2007	
2.0	NA	JUNE, 2007	Enhanced with detailed structure and sample files in text and XML format. The document has been renamed.
2.1	NA	JUNE, 2007	Container message formats included
3.0	NA	SEP, 2007	Cargo and Transport Message formats included
3.1	NA	DEC, 2007	Only Transport messages are included with latest changes
3.2	NA	JAN,2008	Changes in COPINO and RMLMEM after PCS Review Meeting 17-01-2008
3.3	CR_0708_02	AUG,2008	<ul style="list-style-type: none"> <li>COPINO header and details are multiple in single message.</li> <li>Train Number field size is increased to 26 from 13 in RAILSC message.</li> </ul>

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## 1. INTRODUCTION

### 1.1 PURPOSE AND SCOPE OF THIS DOCUMENT

Centralized Port Community System (PCS) is an initiative by Indian Ports Association (IPA) intended to provide a single window system for the Port communities in India to securely exchange the documents and information electronically with their stakeholders involved in the maritime transport and logistics chain including the trading partners and government agencies. It also expected to provide global visibility and access to the central database to all its stakeholders through internet based interfaces.

This document specifies the Message (Document) Formats of the messages exchanged between the stakeholders through PCS. The target audience for this document is the personnel of stakeholders who work on interfacing their in-house systems with PCS, PCS project team members and the Technical Working Group.

### 1.2 REFERENCES

The following documents have been referred during the preparation of SRS:

- RFP No. IPA/ EDP/EDI/WBPCS/2005 for Centralized web-based Port Community System dated December 2005
- CrimsonLogic Proposal for IPA/ EDP/EDI/WBPCS/2005 dated March 6, 2006
- Work Order No IPA/EDP/EDI/WBPCS/2005/WO dated 12th Oct 2006

**1.3 DEFINITIONS AND ABBREVIATIONS**

<b>Abbreviation</b>	<b>Description</b>
API	Application Programming Interface
BOM	Bill Of Material
CFS	Container Freight Station
CHA	Custom House Agent
CLP	Container Loading Plan
CR	Change Request
CSLA	Container Shipping Line Association
CSV	Comma Separated Value file
CWG	Container Working Group
DC	Data Centre
DO	Delivery Order
DR	Disaster Recovery
EAI	Enterprise Application Integration
ebMS	EbXML Message Service
EC	Electronic Commerce
EDI	Electronic Data Interchange

## 1.4 GENERAL GUIDELINES

### 1.4.1 APPROACH

The message formats are grouped and released as vessel related, container related, cargo related etc in accordance with PCS implementation plan.

PCS supports the messages in Text and XML formats provided by PCS and UN/EDIFACT format if published and used by stakeholders. A separate implementation guidelines for UN/EDIFACT messages would be provided for the users who use UN/EDIFACT format for data exchange.

### 1.4.2 STANDARD MESSAGE FORMAT

The PCS messages would have the following segments or parts:

- Message Header
- Message Details
- Message Trailer

#### Message Header

Message Header includes the information about the EDI message that is being exchanged. It includes the Type of the Business Document exchanged; the message reference numbers, the sender and recipient IDs along with the IDs of the parties need to be notified. The structure of the header is same for all the PCS messages.

S No	Data element	Remarks
1.	Document Type	Document Type defined in PCS (Referred by message type in UN/EDIFACT) E.g. VESPRO
2.	Document Name	Name of the Document. E.g. 'Vessel Profile'
3.	Document Number	Sender's document reference No.
4.	Common Reference Number	Reference Number given by PCS
5.	Message Type	Message function code (1225) E.g. 9 Original
6.	Recipient IDs	IDs of the intended recipients. This is mandatory field
7.	Notifying Party IDs	IDs of the parties required to be notified. This is optional field

### Message Details

This portion of the message captures the data elements of the business document exchanged and the structure of this portion would change based on the business document.

For example, while VESPRO will have a structure to accommodate the vessel profile details, BAPLIE would have the structure to include the Bay Plan definitions.

**Record Type:** It is similar to Message Type of the Customs. Values are as mentioned below:

Ex:

- F - Final
- A-Amedment
- S-Supplement
- D-Deletion
- P-Post Arrival
- V-Prior arrival
- C-Cancel
- R-Rejected
- N-New

### Message Trailer

Message Trailer will have the date and time of the message is prepared and the message summary information if any.

#### 1.4.3 NOTES

1. All the groups in the text format starts with the group identifier mentioned in the respective message section.
2. The groups are identified by separate nodes in the XML format
3. Date and Time fields need to be entered in the following format:

**Date - DDMMYYYY**  
**Date and Time- DDMMYYYY:hh:mm**  
**Time- hh:mm**

4. Delimiters for Text files are given in the table below:

Description	Delimiter	Example
Field	^] (ASCII Char 29)	RPD^]RECP001^]RECP002^]RECP003
Record (For single field type)	^] (ASCII Char 29)	
Record (for complex data type)	New line Char	VID^]PICLubName1^]25061999^]Address 1 VID^]PICLubName2^]26061999^]Address 2

5. No delimiter after the last element of every record and new line Character is used as record terminator.



#### 1.4.4 VALIDATION

PCS application will do the following data validations while receiving messages as well as while validating the Web user interface.

Sr.NO	Validation	Fields
1.	Mandatory Validation	For all the fields' status marked as "M" in the Document details.
2.	Number Validation	For all the fields' type mentioned as "N" and length as integer in the Document details
3.	Number and precision validation	For all the fields' type mentioned as "N" and length as double in the Document details
4.	Date validation	For all the Date fields
5.	Datetime validation	For all the Datetime Fields
6.	Primary Key Validation	Verify the record exists in database
7.	Max Length Validation	For all the Text Fields/ Tags
8.	Code Directories Validation	<p>Validate against code directories for the fields which is mentioned "PCS Directories 1.3.pdf"</p> <p>All the Code Directories codes are validated against UNEDIFACT Version D00B.</p>
9.	Conditional tags Validation	For all the fields' status mentioned as "C" in Document details, if no data is present for that field, then empty tag should not appear in the XML messages.

## 2. TRANSPORT RELATED DOCUMENTS

Following are the Transport related messages included in PCS:

S.NO	DOCUMENT NAME	DOCUMENT TYPE	FORMATS SUPPORTED
1.	In land Way bill	COPINO	Text, xml
2.	Rail Receipt	RAILRE	Text, xml
3.	Removal Memo From Rake	RMLMEM	Text, xml
4.	Pedency of Containers	CONTPE	Text, xml
5.	Train Schedule	RAILSC	Text, xml

**2.1 IN LAND WAY BILL / RAKE PLACEMENT MEMO**

**Document Name:** In-Land Way Bill

**Document Type:** COPINO

**Document Id:** COPT081

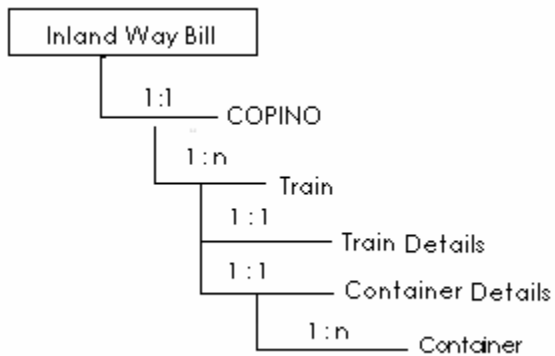
**Document Flow:** Railway/CONCOR to PORT; CONCOR/Port to SA and CONCOR to ICD; SA to Terminal

**UN/EDIFACT Id:** COPINO

To provide advance list of wagons / Containers expected at the Port from different ICDs through rail. A message by which an inland carrier notifies of the delivery or pick-up of containers.

These messages serve to facilitate the inter-modal handling of containers by streamlining the information exchange. This message is used to intimate regarding removal of container from the rake.

**2.1.1 DOCUMENT STRUCTURE**



**2.1.2 DOCUMENT DETAILS**

**HEADER:**

S.No.	Field name	Type	Length	Status
1.	Train ID./ Train Number	C	26	M
2.	Train Origin Station	C	6	M
3.	Train Destination Station	C	6	M
4.	Railway Operator (C-CONCOR/ R-Railway)	C	16	M
5.	Expected Date & Time of Arrival - EDA	D	-	M
6.	Expected Date & Time of Departure - EDD	D	-	M

**DETAILS:**

S. No	Field Name	Type	Length	Status
1.	Record Number	N	6	M
2.	Container No.	C	12	C
3.	Container Size (20"/40"/Odd)	C	4	C
4.	ISO Code (Required as per UN/EDIFACT Standard)	C	4	C
5.	Container Type Classification Code * (8169) (FCL/LCL/ETY)	C	3	C
6.	Reefer (Y/N)	C	3	C
7.	Wagon No.	C	20	C
8.	Wagon Status	C	1	C
9.	Wagon size	C	10	C
10.	Wagon type	C	7	C
11.	Train No.	C	26	C
12.	Origin station	C	6	C
13.	Departure Date	D	-	C
14.	Destination station	C	6	C
15.	Arrival Date	D	-	C
16.	ICD Location	C	15	C
17.	UN/No	C	4	C
18.	IMDG code for hazardous cargo	C	4	C
19.	Unit of Temperature Units *(6411)	C	3	C
20.	Maximum Temperature	C	6.2	C
21.	Minimum Temperature	C	6.2	C
22.	Gross Weight of Container	N	8.3	C
23.	Port of Loading (POL)	C	6	C
24.	Port of Discharge (POD)	C	6	C
25.	Arrival Mode Transportation Code *(8067) (R- Rail, T - Truck, V - Vessel)	C	3	M
26.	Container Operator/Agent for final discharge	C	15	C
27.	Terminal Operator Code/ Dock Code for final discharge	C	15	C
28.	Consignment weight	N	8.3	C
29.	Commodity description	C	250	C
30.	Customs Seal No.	C	16	C
31.	ETA Track	N	2	C
32.	Container Tare Weight	N	8.3	C
33.	Shipping line code	C	16	C
34.	Shipping line Seal No	C	16	C

**2.1.3 MESSAGE STRUCTURE**

SNo	Group	Description	M / C	Repeat
1.	UNH	Message Header	M	1
2.	RPD	Recipients	M	99
3.	NPD	Notify Parties	C	99
4.	<del>CPH</del> TRD	<del>COPINO Header</del> Train Details	M	+ n
4.1	<del>CPD</del> CND	<del>COPINO Details</del> Container Details	M	n
5.	UNT	Message Trailer	M	1

## 0010 UNH (Message Header)

Description: This segment includes the following fields:

1. Document Type
2. Document Name
3. Document Number
4. Common Ref Number
5. Message Type
6. Sender ID

## 0020 RPD (Recipients)

Description: This segment includes the following fields:

1. Recipients ID

## 0030 NPD (Notify Parties)

Description: This segment includes the following fields:

1. Notify Party IDs

0040 ~~CPH (COPINO Header)~~ TRD (Train Details)

Description: This segment includes the following fields:

1. Train ID./ Train Number
2. Train Origin Station
3. Train Destination Station
4. Railway Operator (~~C-CONCOR/ R-Railway~~)
5. Expected Date & Time of Arrival - EDA
6. Expected Date & Time of Departure - EDD

0040A ~~CPD (COPINO Details)~~ CND (Container Details)

Description: This segment includes the following fields:

1. Record Number
2. Container No.
3. Container Size (20"/40"/Odd)
4. ISO Code (Required as per UN/EDIFACT Standard)
5. Container Type Classification Code \* ( 8169 ) ( FCL/LCL/ ETY)
6. Reefer (Y/N)
7. Wagon No.

8. Wagon size
9. Wagon status
10. Wagon type
11. Train No.
12. Origin station
13. Departure Date
14. Destination station
15. Arrival Date
16. ICD Location
17. UN No
18. IMDG code for hazardous cargo
19. Unit of Temperature Units \*(6411)
20. Maximum Temperature
21. Minimum Temperature
22. Gross Weight of Container
23. Port of Loading (POL)
24. Port of Discharge (POD)
25. Arrival Mode Transportation Code \*(8067) (R- Rail, T - Truck, V - Vessel)
26. Container Operator for final discharge
27. Terminal Operator Code/ Dock Code for final discharge
28. Consignment weight
29. Commodity description
30. Customs Seal No.
31. ETA Track
32. Container Tare Weight
33. Shipping Line Code
34. Shipping Line Seal No

0050 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.1.4 SAMPLE TEXT FILE

```

UNH^] InlandWayBill^]COPINO^]1213234^]20070905233123^]9^]sauser60
RPD^]ptuser13^]ptuser14
NPD^]NOTIR11^]NOTIER12
TRD^]a^]a^]a^]a^]05092007:00:00^]05092007:00:00
CND^]999991^]a1^]a2^]1^]a^]a^]a^]a^]a^]05092007^]a^]05092007^]
a^]aaaa^]a^]a^]0.01^]0.01^]0.01^]aaaa^]aaaa^]a^]a^]1^]a^]a^]1^]0.001^]a
^]a
CND ]999992^]a2^]a3^]1^]a^]a^]a^]a^]a^]05092007^]a^]05092007^]a^]
aaaa^]a^]a^]0.01^]0.01^]0.01^]aaaa^]aaaa^]a^]a^]1^]a^]a^]2^]0.001^]a^]a
TRD^]a^]a^]a^]a^]05092007:00:00^]05092007:00:00
CND^]999991^]a1^]a2^]1^]a^]a^]a^]a^]a^]05092007^]a^]05092007^]
a^]aaaa^]a^]a^]0.01^]0.01^]0.01^]aaaa^]aaaa^]a^]a^]1^]a^]a^]1^]0.001^]a
^]a
CND ]999992^]a2^]a3^]1^]a^]a^]a^]a^]a^]05092007^]a^]05092007^]a^]
aaaa^]a^]a^]0.01^]0.01^]0.01^]aaaa^]aaaa^]a^]a^]1^]a^]a^]2^]0.001^]a^]a
UNT^]05092007000000

```

### 2.1.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<InlandWayBill>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>a</DocumentType>
      <DocumentName>a</DocumentName>
      <DocumentNumber>a</DocumentNumber>
      <CommonRefNumber>a</CommonRefNumber>
      <MessageType>a</MessageType>
      <SenderID>a</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>a</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>a</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <COPINO>
      <Train>
        <TrainDetails>
          <TrainID>a</TrainID>
          <TrainOriginStn>a</TrainOriginStn>
          <TrainDestnStn>a</TrainDestnStn>
          <RailOperator>a</RailOperator>
          <EDA>01011800:00:00</EDA>
          <EDD>01011800:00:00</EDD>
        </TrainDetails>
        <ContainerDetails>
          <Container>
            <RecordNumber>1</RecordNumber>
            <ContainerNo>a</ContainerNo>
            <ContainerSize>a</ContainerSize>
            <ISOCODE>a</ISOCODE>
          </Container>
        </ContainerDetails>
      </Train>
    </COPINO>
  </DocumentDetails>
  <ContTypeClasfnCode>a</ContTypeClasfnCode>
  <ReeferCont>a</ReeferCont>
  <WagonNo>a</WagonNo>
  <WagonStatus>a</WagonStatus>
  <WagonType>a</WagonType>
  <TrainNo>a</TrainNo>
  <OriginStation>a</OriginStation>
  <DepartureDate>01011800</DepartureDate>

```

```

<DestinationStation>a</DestinationStation>
  <ArrivalDate>01011800</ArrivalDate>
  <ICDLocation>a</ICDLocation>
  <UNNo>a</UNNo>
  <IMDGCode>a</IMDGCode>
  <UnitOfTemperature>a</UnitOfTemperature>
  <MaxTemperature>0.01</MaxTemperature>
  <MinTemperature>0.01</MinTemperature>
  <GrossWtOfContainer>0.001</GrossWtOfContainer>
  <PortOfLoading>aaaaa</PortOfLoading>
  <PortOfDischarge>aaaaa</PortOfDischarge>
  <ArrivalMode>a</ArrivalMode>
  <ContOperForFinalDisch>a</ContOperForFinalDisch>
  <TerminalOperatorCode>a</TerminalOperatorCode>
  <ConsignmentWeight>0.001</ConsignmentWeight>
  <CommodityDescription>a</CommodityDescription>
  <CustomsSealNo>a</CustomsSealNo>
  <ETATrack>1</ETATrack>
  <ContainerTareWt>0.001</ContainerTareWt>
  <ShipLineCode>a</ShipLineCode>
  <ShipLineSealCode>a</ShipLineSealCode>
</Container>
</ContainerDetails>
</Train>
<Train>
  <TrainDetails>
    <TrainID>a</TrainID>
    <TrainOriginStn>a</TrainOriginStn>
    <TrainDestnStn>a</TrainDestnStn>
    <RailOperator>a</RailOperator>
    <EDA>01011800:00:00</EDA>
    <EDD>01011800:00:00</EDD>
  </TrainDetails>
  <ContainerDetails>
    <Container>
      <RecordNumber>1</RecordNumber>
      <ContainerNo>a</ContainerNo>
      <ContainerSize>a</ContainerSize>
      <ISOCODE>a</ISOCODE>
      <ContTypeClasfnCode>a</ContTypeClasfnCode>
      <ReeferCont>a</ReeferCont>
      <WagonNo>a</WagonNo>
      <WagonStatus>a</WagonStatus>
      <WagonType>a</WagonType>
      <TrainNo>a</TrainNo>
      <OriginStation>a</OriginStation>
      <DepartureDate>01011800</DepartureDate>
      <DestinationStation>a</DestinationStation>
      <ArrivalDate>01011800</ArrivalDate>
      <ICDLocation>a</ICDLocation>
      <UNNo>a</UNNo>
    </Container>
  </ContainerDetails>
</Train>

```

```
<IMDGCCode>a</IMDGCCode>
<UnitOfTemperature>a</UnitOfTemperature>
<MaxTemperature>0.01</MaxTemperature>
<MinTemperature>0.01</MinTemperature>
<GrossWtOfContainer>0.001</GrossWtOfContainer>
<PortOfLoading>aaaaa</PortOfLoading>
<PortOfDischarge>aaaaa</PortOfDischarge>
<ArrivalMode>a</ArrivalMode>
<ContOperForFinalDisch>a</ContOperForFinalDisch>
<TerminalOperatorCode>a</TerminalOperatorCode>
<ConsignmentWeight>0.001</ConsignmentWeight>
<CommodityDescription>a</CommodityDescription>
  <CustomsSealNo>a</CustomsSealNo>
  <ETATrack>1</ETATrack>
  <ContainerTareWt>0.001</ContainerTareWt>
  <ShipLineCode>a</ShipLineCode>
  <ShipLineSealCode>a</ShipLineSealCode>
</Container>
</ContainerDetails>
</Train>
</COPINO>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</InlandWayBill>
```

**2.2 RAIL RECEIPT**

**Document Name:** Rail Receipt

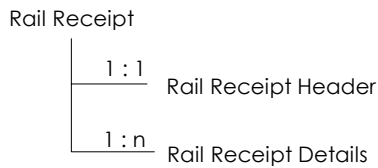
**Document Type:** RAILREC

**Document Id:** COPT082

**Document Flow:** CONCOR → Port → Shipping Line/Shipping Agent

To provide advance intimation of the cargo expected in Port via Rail

**2.2.1 DOCUMENT STRUCTURE**



**2.2.2 DOCUMENT DETAILS**

**HEADER:**

S.No	Field name	Type	Length	Status
1.	Equipment Status code (UN/EDIFACT Segment 8249) Import (I) /Export (E) /Restow (R) / Transshipment (T) Flag	C	3	M
2.	Railway Receipt No	C	11	M
3.	Railway Receipt Date	D	10	M
4.	Invoice No	C	10	C
5.	Railway Receipt Paid/ To Pay	C	1	C
6.	Freight Paid	N	10.2	C
7.	To Station	C	25	M
8.	Railway Receipt Gross Weight	N	9.2	M
9.	Indent No	C	13	C
10.	Indent Date	D	10	C
11.	Rail Operator Code	C	16	M

**CARGO/CONTAINER DETAILS:**

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	Equipment Status code (UN/EDIFACT Segment 8249) Import (I) /Export (E) /Restow (R) / Transshipment (T) Flag	C	3	M
4.	<del>Railway Receipt No</del>	<del>C</del>	<del>11</del>	<del>M</del>
5.	<del>Railway Receipt Date</del>	<del>D</del>	<del>10</del>	<del>M</del>
6.	Container No.	C	12	C
7.	ISO Code of Container	C	4	C
8.	Container Size (20"/40"/Odd)	C	4	C
9.	Container Type Classification Code * ( 8169) ( FCL/LCL/ ETY)	C	3	C
10.	Container Status ( NOR/ REF)	C	3	C
11.	Commodity Code	C	8	C
12.	Commodity description	C	250	C
13.	Container Operator Code / Shipping Line/ Container Agent Code	C	16	C
14.	<del>Container Gross Weight</del>	N	<del>9.3</del>	C
15.	<del>Container Wagon No</del>	C	11	M
16.	<del>Container Wagon Owning Railway</del>	C	<del>3</del>	M
17.	<del>Container Consignor Code</del>	C	<del>16</del>	C
18.	<del>Container Consignor Name</del>	C	250	C
19.	<del>Container Load Date &amp; Time</del>	D	-	M
20.	Cargo Description	C	250	M
21.	Cargo Weight	N	13.2	C
22.	<del>Package Type</del>	<del>C</del>	<del>3</del>	<del>C</del>
23.	Number of Packages	N	8	C
24.	Unit Quantity Code	C	3	C

### 2.2.3 MESSAGE STRUCTURE

SNo	Group	Description	M / C	Repeat
1	UNH	Message Header	M	1
2	RPD	Recipients	M	99
3	NPD	Notify Parties	C	99
4	RRH	Rail Receipt Header	M	1
5	RRD	Rail Receipt Details	M	n
6	UNT	Message Trailer	M	1

#### 0010 UNH (Message Header)

Description: This segment includes the following fields:

1. Document Type
2. Document Name
3. Document Number
4. Common Ref Number
5. Message Type
6. Sender ID

#### 0020 RPD (Recipients)

Description: This segment includes the following fields:

1. Recipients ID

#### 0030 NPD (Notify Parties)

Description: This segment includes the following fields:

1. Notify Party IDs

#### 0040 RRH (Rail Receipt Header)

Description: This segment includes the following fields:

1. Equipment Status code (UN/EDIFACT Segment 8249) Import (I) /Export (E) /Restow (R) / Transshipment (T) Flag
2. Railway Receipt No
3. Railway Receipt Date
4. Invoice No
5. Railway Receipt Paid/ To Pay
6. Freight Paid
7. To Station
8. Railway Receipt Gross Weight
9. Indent No
10. Indent Date
11. Rail Operator Code

0050 RRD (Rail Receipt Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Equipment Status code (UN/EDIFACT Segment 8249) Import (I) /Export (E) /Restow (R) / Transshipment (T) Flag
- ~~4. Railway Receipt No~~
- ~~5. Railway Receipt Date~~
6. Container No.
7. ISO Code of Container
8. Container Size (20"/40"/Odd)
9. Container Type Classification Code \* ( 8169) ( FCL/LCL/ ETY)
10. Container Status ( NOR/ REF)
11. Commodity Code
12. Commodity description
13. Container Operator Code / Shipping Line/ Container Agent Code
- ~~14. Container Gross Weight~~
- ~~15. Container Wagon No~~
- ~~16. Container Wagon Owning Railway~~
- ~~17. Container Consignor Code~~
- ~~18. Container Consignor Name~~
- ~~19. Container Load Date & Time~~
20. Cargo Description
21. Cargo Weight
- ~~22. Package Type~~
23. Number of Packages
24. Unit Quantity Code

0060UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

**2.2.4 SAMPLE TEXT FILE**

```

UNH^]RAILRE^]Rail Receipt^]1213224^]20070905233100^]9^]ptuser13
RPD^]sauser66^]sauser60
NPD^]NOTIR11^]NOTIER12
RRH^]a^]a^]05092007^]a^]a^]0.01^]a^]0.01^]a^]05092007^]a
RRD^]A^]a^]a^]05092007^]a^]a^]a^]FCL^]NOR^]a^]a^]a^]0.01^]a^]a^]a^]05092
007:00:00^]a^]0.001^]a^]0.001^]a
RRD^]A^]a^]a^]05092007^]a^]a^]a^]FCL^]NOR^]a^]a^]a^]0.01^]a^]a^]a^]05092
007:00:00^]a^]0.001^]a^]0.001^]a
UNT^]05092007233411
    
```

### 2.2.5 SAMPLE XML FILE

```
<?xml version="1.0" encoding="UTF-8"?>
<RailReceipt>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>RAILRE</DocumentType>
      <DocumentName>Rail Receipt</DocumentName>
      <DocumentNumber>1213224</DocumentNumber>
      <CommonRefNumber>20070905233100</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>ptuser13</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>sauser60</ReceivingParty>
        <ReceivingParty>sauser66</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>a</NotifyParty>
        <NotifyParty>a</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <RailReceiptHeader>
      <EquipStatusCode>a</EquipStatusCode>
      <RailReceiptNo>a</RailReceiptNo>
      <RailwayReceiptDate>01011800</RailwayReceiptDate>
      <InvoiceNo>a</InvoiceNo>
      <RailReceiptPaid>a</RailReceiptPaid>
      <FreightPaid>0.01</FreightPaid>
      <ToStation>a</ToStation>
      <RailReceiptGrossWt>0.01</RailReceiptGrossWt>
      <IndentNo>a</IndentNo>
      <IndentDate>01011800</IndentDate>
      <RailOperatorCode>a</RailOperatorCode>
    </RailReceiptHeader>
    <RailReceiptDetails>
      <RailReceipt>
        <RecordType>A</RecordType>
        <EquipStatusCode>a</EquipStatusCode>
        <RailReceiptNo>a</RailReceiptNo>
        <RailwayReceiptDate>01011800</RailwayReceiptDate>
        <ContainerNo>a</ContainerNo>
        <ISOCodeOfContainer>a</ISOCodeOfContainer>
        <ContainerSize>a</ContainerSize>
        <ContTypeClassfnCode>FCL</ContTypeClassfnCode>
```

```

<ContainerStatus>NOR</ContainerStatus>
<CommodityCode>a</CommodityCode>
<CommodityDesc>a</CommodityDesc>
<ContOperatorCode>a</ContOperatorCode>
<ContainerGrossWt>0.01</ContainerGrossWt>
<ContainerWagonNo>a</ContainerWagonNo>
<ContWagonOwningRail>a</ContWagonOwningRail>
<ContConsignorCode>a</ContConsignorCode>
<ContConsignorName>a</ContConsignorName>
<ContainerLoadDateTime>01011800:00:00</ContainerLoadDateTime>
<CargoDescription>a</CargoDescription>
<CargoWeight>0.001</CargoWeight>
<PackageType>a</ PackageType >
<NumberOfPackages>0.001</NumberOfPackages>
<UnitQuantityCode>a</UnitQuantityCode>
</RailReceipt>
<RailReceipt>
<RecordType>A</RecordType>
<EquipStatusCode>a</EquipStatusCode>
<RailReceiptNo>a</RailReceiptNo>
<RailwayReceiptDate>01011800</RailwayReceiptDate>
<ContainerNo>a</ContainerNo>
<ISOCodeOfContainer>a</ISOCodeOfContainer>
<ContainerSize>a</ContainerSize>
<ContTypeClassfnCode>FCL</ContTypeClassfnCode>
<ContainerStatus>NOR</ContainerStatus>
<CommodityCode>a</CommodityCode>
<CommodityDesc>a</CommodityDesc>
<ContOperatorCode>a</ContOperatorCode>
<ContainerGrossWt>0.01</ContainerGrossWt>
<ContainerWagonNo>a</ContainerWagonNo>
<ContWagonOwningRail>a</ContWagonOwningRail>
<ContConsignorCode>a</ContConsignorCode>
<ContConsignorName>a</ContConsignorName>
<ContainerLoadDateTime>01011800:00:00</ContainerLoadDateTime>
<CargoDescription>a</CargoDescription>
<CargoWeight>0.001</CargoWeight>
<PackageType>a</ PackageType >
<NumberOfPackages>0.001</NumberOfPackages>
<UnitQuantityCode>a</UnitQuantityCode>
</RailReceipt>
</RailReceiptDetails>
</DocumentDetails>
<DocumentSummary>
<IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</RailReceipt>

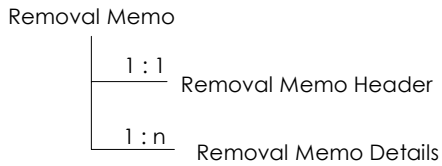
```

### 2.3 REMOVAL MEMO FROM RAKE

**Document Name:** Removal Memo from Rake  
**Document Type:** RMLMEM  
**Document Id:** PTCO083  
**Document Flow:** Port → CONCOR/SA

Placement of containers on the rake.

**2.3.1 DOCUMENT STRUCTURE**



**2.3.2 DOCUMENT DETAILS**

**HEADER:**

S.No	Field name	Type	Length	Status
1.	VIA/VCN	C	14	C
2.	Call Sign/Vessel Code	C	10	M
3.	IMO Number	C	10	M
4.	Voyage Number	C	10	M
5.	Shipping Line / MLO Code	C	15	M
6.	Equipment Status code (UN/EDIFACT Segment 8249) Import (I) /Export (E) /Restow (R) / Transshipment (T) Flag	C	1	M
7.	Railway Receipt No	C	11	C
8.	Railway Receipt Date	D	10	C
9.	CONCOR Train No. Rail Operator Train No	C	26	C
10.	Terminal Train No.	C	13	C
11.	Invoice No	C	10	C
12.	Railway Receipt Paid/ To Pay (Y/N)	C	1	C
13.	Freight Paid (INR)	N	10.2	C
14.	To Station	C	25	M
15.	Railway Receipt Gross Weight	N	9.3	C
16.	Indent No	C	13	C
17.	Indent Date	D	10	C
18.	Rail Operator Code	C	16	M
19.	Date and Time of Taking Charge	D		C
20.	Date and Time of Handing Over	D		C
21.	Track No	N	2	C

**Details**

1.	Record Number	N	6	M
2.	Container No.	C	12	C
3.	Container Size (20"/40"/Odd)	C	4	C
4.	ISO Code (Required as per UN/EDIFACT Standard)	C	4	C
5.	Container Type Classification Code * (8169) (FCL/LCL/ETY)	C	3	C
6.	Equipment Status Code	C	3	M
7.	Reefer (Y/N)	C	3	C
8.	Wagon No.	C	20	C
9.	Wagon Status	C	1	C
10.	Wagon size	C	10	C
11.	Wagon type	C	7	C
12.	Train No.	C	26	C
13.	Origin station	C	6	C
14.	Departure Date	D	-	C
15.	Destination station	C	6	C
16.	Arrival Date	D	-	C
17.	ICD Location	C	15	C
18.	UN/No	C	4	C
19.	IMDG code for hazardous cargo	C	4	C
20.	Unit of Temperature Units *(6411)	C	3	C
21.	Maximum Temperature	C	6.2	C
22.	Minimum Temperature	C	6.2	C
23.	Gross Weight of Container	N	8.3	C
24.	Port of Loading (POL)	C	6	C
25.	Port of Discharge (POD)	C	6	C
26.	Arrival Mode Transportation Code *(8067) (R- Rail, T - Truck, V - Vessel)	C	3	M
27.	Container Operator/Agent for final discharge	C	15	C
28.	Terminal Operator Code/ Dock Code for final discharge	C	15	C
29.	Consignment weight	N	8.3	C
30.	Commodity description	C	250	C
31.	Customs Seal No.	C	16	C
32.	ETA Track	N	2	C
33.	Container Tare Weight	N	8.3	C
34.	Shipping line code	C	16	C
35.	Shipping line Seal No	C	16	C
36.	Number of Packages	N	8	C

**DETAILS:**

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Container No.	C	12	C
3.	Container Size (20"/40"/Odd)	C	4	C

4.	Container Type Classification Code * (8169) ( FCL/LCL/ ETY)	C	3	C
5.	Container Status ( NOR/ REF)	C	3	C
6.	Container Commodity Code	C	3	C
7.	Container Commodity description	C	250	C
8.	Container Gross Weight	N	8.2	C
9.	Container Wagon No	C	11	M
10.	Container Wagon Owning Railway	C	2	M
11.	Container Consignor Code	C	4	C
12.	Container Consignor Description	C	35	C
13.	Container Load Date & Time	D	-	M
14.	Cargo Description	C	250	M
15.	Cargo Weight	N	13.2	C
16.	Number of Packages	N	13.2	C
17.	Unit Quantity Code	C	3	C
18.	Shipping Agent	C	15	C
19.	Container Agent Code	C	15	C

### 2.3.3 MESSAGE STRUCTURE

SNo	Group	Description	M / C	Repeat
1	UNH	Message Header	M	1
2	RPD	Recipients	M	99
3	NPD	Notify Parties	C	99
4	RMH	Removal Memo Header	M	1
5	RMD	Removal Memo Details	M	n
6	UNT	Message Trailer	M	1

0010 UNH (Message Header)

Description: This segment includes the following fields:

1. Document Type
2. Document Name
3. Document Number
4. Common Ref Number
5. Message Type
6. Sender ID

0020 RPD (Recipients)

Description: This segment includes the following fields:

1. Recipients ID

## 0030 NPD (Notify Parties)

Description: This segment includes the following fields:

1. Notify Party IDs

## 0040 RMH (Removal Memo Header)

Description: This segment includes the following fields:

1. ~~VIA/VCN~~
2. ~~Call Sign/Vessel Code~~
3. ~~IMO Number~~
4. ~~Voyage Number~~
5. ~~Shipping Line / MLO Code~~
6. ~~Equipment Status code (UN/EDIFACT Segment 8249) Import (I) /Export (E) /Restow (R) / Transshipment (T) Flag~~
7. ~~Railway Receipt No~~
8. ~~Railway Receipt Date~~
9. ~~CONCOR Train No.~~
10. ~~Terminal Train No.~~
11. ~~Invoice No~~
12. ~~Railway Receipt Paid/ To Pay~~
13. ~~Freight Paid (INR)~~
14. ~~To Station~~
15. ~~Railway Receipt Gross Weight~~
16. ~~Indent No~~
17. ~~Indent Date~~
18. ~~Rail Operator Code~~
19. ~~Date and Time of Taking Charge~~
20. ~~Date and Time of Handing Over~~
21. ~~Track No~~

## 0050 RMD (Removal Memo Details)

Description: This segment includes the following fields:

1. ~~Record Type~~
2. ~~VIA/VCN~~
3. ~~Call Sign/Vessel Code~~
4. ~~IMO Number~~
5. ~~Voyage Number~~
6. ~~Container No.~~
7. ~~Container Size (20"/40"/Odd)~~
8. ~~Container Type Classification Code \* (8169) (FCL/LCL/ETY)~~
9. ~~Container Status (NOR/ REF)~~
10. ~~Container Commodity Code~~
11. ~~Container Commodity description~~
12. ~~Container Gross Weight~~
13. ~~Container Wagon No~~
14. ~~Container Wagon Owning Railway~~
15. ~~Container Consignor Code~~
16. ~~Container Consignor Description~~
17. ~~Container Load Date & Time~~

18. Cargo Description
  19. Cargo Weight
  20. Number of Packages
  21. Unit Quantity Code
  22. Shipping Agent Line/
  23. Container Agent Code
1. Record Number
  2. Container No.
  3. Container Size (20"/40"/Odd)
  4. ISO Code (Required as per UN/EDIFACT Standard)
  5. Container Type Classification Code \* ( 8169) ( FCL/LCL/ ETY)
  6. Equipment Status Code
  7. Reefer (Y/N)
  8. Wagon No.
  9. Wagon size
  10. Wagon status
  11. Wagon type
  12. Train No.
  13. Origin station
  14. Departure Date
  15. Destination station
  16. Arrival Date
  17. ICD Location
  18. UN No
  19. IMDG code for hazardous cargo
  20. Unit of Temperature Units \*(6411)
  21. Maximum Temperature
  22. Minimum Temperature
  23. Gross Weight of Container
  24. Port of Loading (POL)
  25. Port of Discharge (POD)
  26. Arrival Mode Transportation Code \*(8067) (R- Rail, T - Truck, V - Vessel)
  27. Container Operator for final discharge
  28. Terminal Operator Code/ Dock Code for final discharge
  29. Consignment weight
  30. Commodity description
  31. Customs Seal No.
  32. ETA Track
  33. Container Tare Weight
  34. Shipping Line Code
  35. Shipping Line Seal No
  36. Number of Packages

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.3.4 SAMPLE TEXT FILE

```
UNH^]RMLMEM^]Removal Memo^]1213225^]20070905233110^]9^]ptuser13
RPD^]sauser66^]sauser60
NPD^]NOTIR11^]NOTIER12
RMH^]ADV011^]NUMB011^]123456789^]a^]a^]a^]a^]05092007^]a^]a^]a^]a^]0.01^]a
^]0.01^]a^]05092007^]a^]05092007^]05092007^]1
RMD^]999991^]a1^]a2^]1^]a^]a^]a^]a^]eS^]a^]a^]a^]05092007^]a^]05092007^]a^]
aaaa^]a^]a^]0.01^]0.01^]0.01^]aaaaa^]aaaaa^]a^]a^]a^]1^]a^]a^]1^]0.001^]a^]a
^]1
RMD^]999992^]a1^]a2^]1^]a^]a^]a^]a^]eS^]a^]a^]a^]05092007^]a^]05092007^]a^]
aaaa^]a^]a^]0.01^]0.01^]0.01^]aaaaa^]aaaaa^]a^]a^]a^]1^]a^]a^]1^]0.001^]a^]a
^]1
RMD^]A^]a^]a^]a^]NORA^]a^]a^]0.01^]a^]a^]a^]a^]05092007:00:00^]a^]0.001^]0.001
^]a^]a^]a
RMD^]A^]a^]a^]a^]NORA^]a^]a^]0.01^]a^]a^]a^]a^]05092007:00:00^]a^]0.001^]0.001
^]a^]a^]a
UNT^]05092007233400
```

### 2.3.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<RemovalMemo>
<DocumentHeader>
<DocumentReference>
<DocumentType>RMLMEM</DocumentType>
<DocumentName>Removal Memo</DocumentName>
<DocumentNumber>1213225</DocumentNumber>
<CommonRefNumber>20070905233110</CommonRefNumber>
<MessageType>9</MessageType>
<SenderID>ptuser13</SenderID>
</DocumentReference>
<DocumentExchangeDetails>
<ReceivingPartyDetails>
<ReceivingParty>sauser60</ReceivingParty>
<ReceivingParty>sauser66</ReceivingParty>
</ReceivingPartyDetails>
</DocumentExchangeDetails>
</DocumentHeader>
<DocumentDetails>
<RemovalMemoHeader>
<VCN>a</VCN>
<IMONumber>a</IMONumber>
<CallSign>a</CallSign>
<VoyageNumber>a</VoyageNumber>
<ShippingLine>a</ShippingLine>
<EquipStatusCode>a</EquipStatusCode>
<RailReceiptNo>a</RailReceiptNo>
<RailwayReceiptDate>01011800</RailwayReceiptDate>
<CONCORTTrainNo>a</CONCORTTrainNo>
<TerminalTrainNo>a</TerminalTrainNo>
<InvoiceNo>a</InvoiceNo>
<RailReceiptPaid>a</RailReceiptPaid>
<FreightPaid>0.01</FreightPaid>
<ToStation>a</ToStation>
<RailReceiptGrossWt>0.01</RailReceiptGrossWt>
<IndentNo>a</IndentNo>
<IndentDate>01011800</IndentDate>
<RailOperatorCode>a</RailOperatorCode>
<TakingChargeDateTime>01011800:00:00</TakingChargeDateTime>
<HandingOverDateTime>01011800:00:00</HandingOverDateTime>
<TrackNo>1</TrackNo>
</RemovalMemoHeader>
<RemovalMemoDetails>
<RemovalMemo>
<RecordType>A</RecordType>
<ContainerNo>a</ContainerNo>

```

```

<ContainerSize>a</ContainerSize>
<ContTypeClassfnCode>a</ContTypeClassfnCode>
<ContainerStatus>NOR</ContainerStatus>
<CommodityCode>a</CommodityCode>
<CommodityDesc>a</CommodityDesc>
<ContainerGrossWt>0.01</ContainerGrossWt>
<ContainerWagonNo>a</ContainerWagonNo>
<ContWagonOwningRail>a</ContWagonOwningRail>
<ContConsignorCode>a</ContConsignorCode>
<ContConsignorDesc>a</ContConsignorDesc>
<ContainerLoadDateTime>01011800:00:00</ContainerLoadDateTime>
<CargoDescription>a</CargoDescription>
<CargoWeight>0.001</CargoWeight>
<NumberOfPackages>0.001</NumberOfPackages>
<UnitQuantityCode>a</UnitQuantityCode>
<ShippingAgent>a</ShippingAgent>
<ContainerAgentCode>a</ContainerAgentCode>
</RemovalMemo>
<RemovalMemo>
<RecordType>A</RecordType>
<ContainerNo>a</ContainerNo>
<ContainerSize>a</ContainerSize>
<ContTypeClassfnCode>a</ContTypeClassfnCode>
<ContainerStatus>NOR</ContainerStatus>
<CommodityCode>a</CommodityCode>
<CommodityDesc>a</CommodityDesc>
<ContainerGrossWt>0.01</ContainerGrossWt>
<ContainerWagonNo>a</ContainerWagonNo>
<ContWagonOwningRail>a</ContWagonOwningRail>
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<ContainerLoadDateTime>01011800:00:00</ContainerLoadDateTime>
<CargoDescription>a</CargoDescription>
<CargoWeight>0.001</CargoWeight>
<NumberOfPackages>0.001</NumberOfPackages>
<UnitQuantityCode>a</UnitQuantityCode>
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<ContainerAgentCode>a</ContainerAgentCode>
</RemovalMemo>
<RemovalMemo>
  <RecordNumber>999991</RecordNumber>
  <ContainerNo>a</ContainerNo>
  <ContainerSize>a</ContainerSize>
  <ISOCCode>I</ISOCCode>
  <ContTypeClassfnCode>FCL</ContTypeClassfnCode>
  <EquipStatusCode>a</EquipStatusCode>
  <ReeferCont>a</ReeferCont>
  <WagonNo>a</WagonNo>
  <WagonSize>a</WagonSize>
  <WagonStatus>S</WagonStatus>
  <WagonType>a</WagonType>
  <TrainNo>a</TrainNo>

```

```

<OriginStation>a</OriginStation>
<DepartureDate>01011800</DepartureDate>
<DestinationStation>a</DestinationStation>
<ArrivalDate>01011800</ArrivalDate>
<ICDLocation>a</ICDLocation>
<UNNo>aaaa</UNNo>
<IMDGCode>a</IMDGCode>
<UnitOfTemperature>a</UnitOfTemperature>
<MaxTemperature>0.01</MaxTemperature>
<MinTemperature>0.01</MinTemperature>
<GrossWtOfContainer>0.001</GrossWtOfContainer>
<PortOfLoading>aaaaa</PortOfLoading>
<PortOfDischarge>aaaaa</PortOfDischarge>
<ArrivalMode>a</ArrivalMode>
<ContOperForFinalDisch>a</ContOperForFinalDisch>
<TerminalOperatorCode>a</TerminalOperatorCode>
<ConsignmentWeight>0.001</ConsignmentWeight>
<CommodityDescription>a</CommodityDescription>
<CustomsSealNo>a</CustomsSealNo>
<ETATrack>1</ETATrack>
<ContainerTareWt>0.001</ContainerTareWt>
<ShipLineCode>a</ShipLineCode>
<ShipLineSealCode>a</ShipLineSealCode>
<NumberOfPackages>1</NumberOfPackages>
</RemovalMemo>
<RemovalMemo>
<RecordNumber>999992</RecordNumber>
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<ContainerSize>a</ContainerSize>
<ISOCCode>1</ISOCCode>
<ContTypeClasfnCode>FCL</ContTypeClasfnCode>
<EquiptStatusCode>a</EquiptStatusCode>
<ReeferCont>a</ReeferCont>
<WagonNo>a</WagonNo>
<WagonSize>a</WagonSize>
<WagonStatus>S</WagonStatus>
<WagonType>a</WagonType>
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<OriginStation>a</OriginStation>
<DepartureDate>01011800</DepartureDate>
<DestinationStation>a</DestinationStation>
<ArrivalDate>01011800</ArrivalDate>
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<UNNo>aaaa</UNNo>
<IMDGCode>a</IMDGCode>
<UnitOfTemperature>a</UnitOfTemperature>
<MaxTemperature>0.01</MaxTemperature>
<MinTemperature>0.01</MinTemperature>
<GrossWtOfContainer>0.001</GrossWtOfContainer>
<PortOfLoading>aaaaa</PortOfLoading>
<PortOfDischarge>aaaaa</PortOfDischarge>
<ArrivalMode>a</ArrivalMode>

```

```
<ContOperForFinalDisch>a</ContOperForFinalDisch>
<TerminalOperatorCode>a</TerminalOperatorCode>
<ConsignmentWeight>0.001</ConsignmentWeight>
<CommodityDescription>a</CommodityDescription>
<CustomsSealNo>a</CustomsSealNo>
<ETATrack>1</ETATrack>
<ContainerTareWt>0.001</ContainerTareWt>
<ShipLineCode>a</ShipLineCode>
<ShipLineSealCode>a</ShipLineSealCode>
<NumberOfPackages>1</NumberOfPackages>
</RemovalMemo>

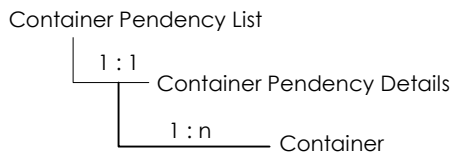
</RemovalMemoDetails>
</DocumentDetails>
<DocumentSummary>
<IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</RemovalMemo>
```

**2.4 CONTAINER PENDENCY LIST**

**Document Name:** Container Pendency List  
**Document Type:** CONTPE  
**Document Id:** PTCO085  
**Document Flow:** Port → CONCOR/SA

Pendency of the containers with respective to the destination /ICD Location in the Port.

**2.4.1 DOCUMENT STRUCTURE**



**2.4.2 DOCUMENT STRUCTURE**

**HEADER:**

S.No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	C
3.	Call Sign/Vessel Code	C	10	M
4.	IMO Number	C	10	M
5.	Voyage Number	C	10	M
6.	Container No.	C	12	M
7.	ISO code of Container	C	4	M
8.	Container Size (20"/40"/Odd)	C	4	C
9.	Container Type Classification Code * (8169)	C	3	M
10.	Container Status ( NOR/ REF)	C	3	C
11.	Consignee Name	E	35	E
12.	Consignee Address1	E	35	E
13.	Consignee Address2	E	35	E
14.	Consignee City	E	20	E
15.	Consignee State	E	20	E
16.	Consignee Pin Code	N	6	E
17.	GateWay Port Code	C	6	M
18.	Destination Location (ICD)	C	6	C
19.	Date of Pendency List	D	-	M
20.	Container Agent Code	C	15	C
21.	Shipping Agent Code	C	15	C
22.	SMTP No.	N	10	M

S.No	Field Name	Type	Length	Status
23.	SMTP Date	D	-	M
24.	Carrier Code	C	16	M

**2.4.3 MESSAGE FORMAT**

SNo	Group	Description	M / C	Repeat
1	UNH	Message Header	M	1
2	RPD	Recipients	M	99
3	NPD	Notify Parties	C	99
4	CPH	Container Pendency Details	M	n
5	CPD	Container Pendency Details	M	n
6	UNT	Message Trailer	M	1

## 0010 UNH (Message Header)

Description: This segment includes the following fields:

1. Document Type
2. Document Name
3. Document Number
4. Common Ref Number
5. Message Type
6. Sender ID

## 0020 RPD (Recipients)

Description: This segment includes the following fields:

1. Recipients ID

## 0030 NPD (Notify Parties)

Description: This segment includes the following fields:

1. Notify Party IDs

## 0040 CPH (Container Pendency Details)

Description: This segment includes the following fields:

1. Record Type
2. VIA/VCN
3. Call Sign/Vessel Code
4. IMO Number
5. Voyage Number~~

## 0050 CPD (Container Pendency Detail)

Description: This segment includes the following fields:

5. Container No.
6. ISO code of Container
7. Container Size (20"/40"/Odd)
8. Container Type Classification Code \* ( 8169)
9. Container Status ( NOR/ REF)
10. Consignee Name

11. ~~Consignee Address1~~
12. ~~Consignee Address2~~
13. ~~Consignee City~~
14. ~~Consignee State~~
15. ~~Consignee Pin Code~~
16. Port Code
17. Destination Location (ICD)
18. Date of Pendency List
19. Container Agent Code
20. Shipping Agent Code
21. SMTP No.
22. SMTP Date
23. Carrier Code

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

**2.4.4 SAMPLE TEXT FILE**

```

UNH^]CONTPE^]PendencyList of Containers^]1213225^]20070905233110^]9^]ptuser13
RPD^]sauser66^]sauser60
NPD^]NOTIR11^]NOTIER12
CPH^]A^]ADV011^]NUMB011^]123456789^]234455^]
a^]a^]a^]a^]FCL^]a^]a^]a^]a^]a^]1^]aaaaa^]a^]05092007^]a^]a^]a^]05092007^]a
CPH^]A^]ADV011^]NUMB011^]123456789^]234455^]
a^]a^]a^]a^]FCL^]a^]a^]a^]a^]a^]1^]aaaaa^]a^]05092007^]a^]a^]a^]05092007^]a
CPDA^]a^]a^]a^]a^]FCL^]a^]a^]a^]a^]a^]1^]aaaaa^]a^]05092007^]a^]a^]a
CPDA^]a^]a^]a^]a^]FCL^]a^]a^]a^]a^]a^]1^]aaaaa^]a^]05092007^]a^]a^]a
UNT^]05092007002356
    
```

**2.4.5 SAMPLE XML FILE**

```

<?xml version="1.0" encoding="UTF-8"?>
<PendencyOfContainers>
<DocumentHeader>
<DocumentReference>
<DocumentType>CONTPE</DocumentType>
<DocumentName>PendencyList of Containers</DocumentName>
<DocumentNumber>1213225</DocumentNumber>
<CommonRefNumber>20070905233110</CommonRefNumber>
<MessageType>9</MessageType>
<SenderID>ptuser13</SenderID>
</DocumentReference>
<DocumentExchangeDetails>
<ReceivingPartyDetails>
<ReceivingParty>sauser60</ReceivingParty>
<ReceivingParty>sauser66</ReceivingParty>
</ReceivingPartyDetails>
<NotifyPartyDetails>
<NotifyParty>a</NotifyParty>
<NotifyParty>a</NotifyParty>
</NotifyPartyDetails>
</DocumentExchangeDetails>
</DocumentHeader>
<DocumentDetails>
<DocumentDetails>
    <PendencyContainersDetails>
        <Container>
            <RecordType>N</RecordType>
            <VCN>a</VCN>
            <IMONumber>a</IMONumber>
            <CallSign>a</CallSign>
        
```

```

    <VoyageNumber>a</VoyageNumber>
    <ContainerNumber>a</ContainerNumber>
    <ISOCODEFORCONTAINER>a</ISOCODEFORCONTAINER>
    <ContainerSize>a</ContainerSize>
    <ContTypeClasfnCode>FCL</ContTypeClasfnCode>
    <ContainerStatus>NOR</ContainerStatus>
    <GatewayPortCode>aaaaa</GatewayPortCode>
    <DestinationLocation>a</DestinationLocation>
    <PendencyListDate>01011800</PendencyListDate>
    <ContainerAgentCode>a</ContainerAgentCode>
    <ShippingAgentCode>a</ShippingAgentCode>
    <SMTPNumber>1</SMTPNumber>
    <SMTPDate>01011800</SMTPDate>
    <CarrierCode>a</CarrierCode>
  </Container>
  <Container>
    <RecordType>N</RecordType>
    <VCN>a</VCN>
    <IMONumber>a</IMONumber>
    <CallSign>a</CallSign>
    <VoyageNumber>a</VoyageNumber>
    <ContainerNumber>a</ContainerNumber>
    <ISOCODEFORCONTAINER>a</ISOCODEFORCONTAINER>
    <ContainerSize>a</ContainerSize>
    <ContTypeClasfnCode>FCL</ContTypeClasfnCode>
    <ContainerStatus>NOR</ContainerStatus>
    <GatewayPortCode>aaaaa</GatewayPortCode>
    <DestinationLocation>a</DestinationLocation>
    <PendencyListDate>01011800</PendencyListDate>
    <ContainerAgentCode>a</ContainerAgentCode>
    <ShippingAgentCode>a</ShippingAgentCode>
    <SMTPNumber>1</SMTPNumber>
    <SMTPDate>01011800</SMTPDate>
    <CarrierCode>a</CarrierCode>
  </Container>
</PendencyContainersDetails>
</DocumentDetails>
<PendencyContainers>
  <Container>
    <ContainerNumber>a</ContainerNumber>
    <ISOCODEFORCONTAINER>a</ISOCODEFORCONTAINER>
    <ContainerSize>a</ContainerSize>
    <ContTypeClasfnCode>a</ContTypeClasfnCode>
    <ContainerStatus>FCL</ContainerStatus>
    <ConsigneeName>a</ConsigneeName>
    <ConsigneeAddress1>a</ConsigneeAddress1>
    <ConsigneeAddress2>a</ConsigneeAddress2>
    <ConsigneeCity>a</ConsigneeCity>
    <ConsigneeState>a</ConsigneeState>
    <ConsigneePinCode>1</ConsigneePinCode>
    <PortCode>aaaaa</PortCode>
    <DestinationLocation>a</DestinationLocation>

```

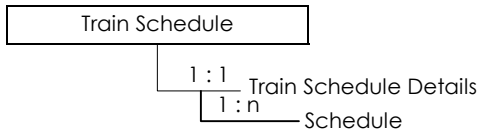
```
<PendencySinceDate>01011800</PendencySinceDate>
<ContainerAgentCode>a</ContainerAgentCode>
<ShippingAgentCode>a</ShippingAgentCode>
<SMTPNumber>a</SMTPNumber>
</Container>
<Container>
<ContainerNumber>a</ContainerNumber>
<ISOCODEForContainer>a</ISOCODEForContainer>
<ContainerSize>a</ContainerSize>
<ContTypeClasfnCode>a</ContTypeClasfnCode>
<ContainerStatus>FCL</ContainerStatus>
<ConsigneeName>a</ConsigneeName>
<ConsigneeAddress1>a</ConsigneeAddress1>
<ConsigneeAddress2>a</ConsigneeAddress2>
<ConsigneeCity>a</ConsigneeCity>
<ConsigneeState>a</ConsigneeState>
<ConsigneePinCode>1</ConsigneePinCode>
<PortCode>aaaa</PortCode>
<DestinationLocation>a</DestinationLocation>
<PendencySinceDate>01011800</PendencySinceDate>
<ContainerAgentCode>a</ContainerAgentCode>
<ShippingAgentCode>a</ShippingAgentCode>
<SMTPNumber>a</SMTPNumber>
</Container>
</PendencyContainers>
<DocumentSummary>
<IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</PendencyOfContainers>
```

**2.5 TRAIN SCHEDULE**

**Document Name:** Train Schedule  
**Document Type:** RAILSC  
**Document Id:** COST086  
**Document Flow:** CONCOR → PCS

The train schedule will be made available on PCS for information of the PCS stakeholders

**2.5.1 DOCUMENT STRUCTURE**



**2.5.2 DOCUMENT STRUCTURE**

S.No	Field Name	Type	Length	Status
1.	Train Number	C	26	M
2.	Number of wagons	N	10	M
3.	Expected Date & Time of Arrival EDA	D	-	M
4.	Expected Date & Time of Departure – EDD	D	-	M
5.	Starting Location	C	25	M
6.	Destination Location	C	25	M

**2.5.3 MESSAGE FORMAT**

SNo	Group	Description	M / C	Repeat
1	UNH	Message Header	M	1
2	RPD	Recipients	M	99
3	NPD	Notify Parties	C	99
4	RSD	Train Schedule Details	M	1
5	UNT	Message Trailer	M	1

0010 UNH (Message Header)  
 Description: This segment includes the following fields:

1. Document Type
2. Document Name
3. Document Number
4. Common Ref Number

5. Message Type
6. Sender ID

**0020 RPD (Recipients)**

Description: This segment includes the following fields:

1. Recipients ID

**0030 NPD (Notify Parties)**

Description: This segment includes the following fields:

1. Notify Party IDs

**0040 RSD (Train Schedule Details)**

Description: This segment includes the following fields:

1. Train Number
2. Number of wagons
3. Expected Date & Time of Arrival EDA
4. Expected Date & Time of Departure – EDD
5. Starting Location
6. Destination Location

**0050 UNT (Message Trailer)**

Description: This segment includes the following fields:

1. Document Created Date and Time (**DDMMYYYYHHMMSS**)

### 2.5.4 SAMPLE TEXT FILE

```

UNH^]RAILSC^]Train Schedule^]1213225^]20070905233110^]9^]a
RPD^]pcst001
NPD^]NOTIR11^]NOTIER12
RSD^]1^]0^]05092007:00:00^]05092007:00:00^]a^]a
UNT^]05092007002356

```

### 2.5.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<TrainSchedule>
<DocumentHeader>
<DocumentReference>
<DocumentType>RAILSC</DocumentType>
<DocumentName>Train Schedule</DocumentName>
<DocumentNumber>1213225</DocumentNumber>
<CommonRefNumber>20070905233110</CommonRefNumber>
<MessageType>9</MessageType>
<SenderID>ccuser10</SenderID>
</DocumentReference>
<DocumentExchangeDetails>
<ReceivingPartyDetails>
<ReceivingParty>pcst001</ReceivingParty>
</ReceivingPartyDetails>
<NotifyPartyDetails>
<NotifyParty>a</NotifyParty>
<NotifyParty>a</NotifyParty>
</NotifyPartyDetails>
</DocumentExchangeDetails>
</DocumentHeader>
<DocumentDetails>
  <TrainsSchedule>
    <Schedule>
      <TrainNumber>a</TrainNumber>
      <NumberOfWagons>0</NumberOfWagons>
      <EDA>01011800:00:00</EDA>
      <EDD>01011800:00:00</EDD>
      <StartingLocation>a</StartingLocation>
      <DestinationLocation>a</DestinationLocation>
    </Schedule>
    <Schedule>
      <TrainNumber>a</TrainNumber>
      <NumberOfWagons>0</NumberOfWagons>
      <EDA>01011800:00:00</EDA>
      <EDD>01011800:00:00</EDD>
      <StartingLocation>a</StartingLocation>
    </Schedule>
  </TrainsSchedule>
</DocumentDetails>
</Document>

```

```
                <DestinationLocation>a</DestinationLocation>
            </Schedule>
        </TrainsSchedule>
</DocumentDetails>
<DocumentSummary>
<IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</TrainSchedule>
```