



MESSAGE SPECIFICATION-**CARGO**

FOR

PORT COMMUNITY SYSTEM (PCS)

Release No 3.2 – Jan, 2008

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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 Cargo messages are separated and updated for the Change Request CR-1207_001
3.2	NA	JAN, 2008	As per CR_0108_02

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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

Abbreviation	Description
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	New line Char	VID^]PICLubName1^]25061999^]Address1 VID^]PICLubName2^]26061999^]Address2 VID^]PICLubName3^]27061999^]Address2

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. CARGO RELATED DOCUMENTS

Following are the Cargo related messages included in PCS:

S.NO	DOCUMENT NAME	DOCUMENT TYPE	FORMATS SUPPORTED
1.	Agent Delivery Order	AGDORD	Text, xml
2.	Mate Receipt	MATREC	Text, xml
3.	Application for Log Entry	RLOENT	Text, xml
4.	Grant Of Log Entry	GLOENT	Text, xml

2.1 AGENT DELIVERY ORDER

Document Name: Bill of Lading / Agent Delivery Order

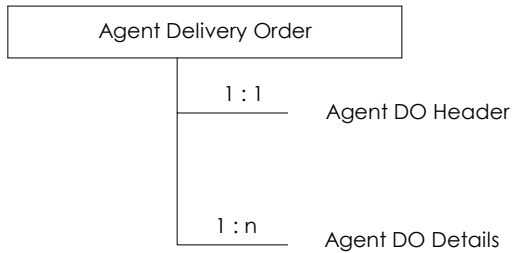
Document Type: AGDORD

Document Id: CHPT071

Document Flow: SA → CHA / Importer → Port

The bill of lading / Agent Delivery Order is a title of goods. Without Bill of lading Port cannot allow CHA/Importer to even inspect their goods.

2.1.1 DOCUMENT STRUCTURE



2.1.2 DOCUMENT DETAILS

HEADER:

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Delivery Order Number (LDO/ADO No)	C	20	C
3.	Delivery Order Date (LDO/ADO Date)	D	-	C
4.	Delivery Order for Examination (Y/N)	C	1	M
5.	Validity Period up to (ADO/LDO)	D	-	C
6.	VIA/VCN	C	14	M
7.	Call Sign/Vessel Code	C	10	M
8.	IMO Number	C	10	M
9.	Voyage Number	C	10	M
10.	Whether (F)oreign/(C)oastal (Y/N)	C	1	M
11.	IGM Number	N	5	C
12.	IGM Date	D	-	C
13.	IGM Line Number	N	4	C
14.	IGM Sub Line Number	N	4	C
15.	Bill of Lading No	C	20	M
16.	Bill of Lading Date	D	-	M
17.	House Bill of Lading Number	C	20	C
18.	House Bill of Lading Date	D	-	C

DETAIL:

1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	IGM Number	N	7	M
4.	IGM Date	D	-	M
5.	IGM Line Number	N	4	M
6.	IGM Sub Line Number	N	4	C
7.	Bill of Lading/LDO/ADO No	C	20	M
8.	Bill of Lading/ADO/LDO Date	D	-	M
9.	Validity Period up to (ADO/LDO)	D	-	C
10.	Name of Consignee	C	35	M
11.	Consignee Address 1	C	35	M
12.	Consignee Address 2	C	35	C
13.	Consignee City	C	15	M
14.	Consignee State	C	15	M
15.	Port of Loading(POL)	C	6	M
16.	Port of Discharge(POD)	C	6	M
17.	Containerised (Y/N)	C	1	C
18.	Container No.	C	12	C
19.	ISO Code of Container	C	4	C
20.	Cargo Description	C	250	M
21.	Number of Packages	N	5	C
22.	Package Code	C	3	C
23.	Marks and Numbers	C	100	M
24.	Number of 20 Feet Containers	C	3	C
25.	Number of 40 Feet Containers	C	3	C
26.	Number of Odd Size Containers	C	3	C
27.	Currency Code	C	3	M
28.	Value in Rs.	N	10.2	M
29.	Freight Paid (Y/N) Freight Paid (Y/N/X)	C	1	M
30.	Receipt Number	C	12	C
31.	Receipt Date	D	-	C
32.	Stamp Duty (Y/N) Stamp Duty (Y/N/X)	C	1	M
33.	Stamp Duty Paid Stamp Duty Paid Amount	N	13.2	C
34.	Stamp Duty Paid Date	D	-	C
35.	Delivery to (Name of Agent)	C	35	M
36.	Authorisation code of agent	C	15	C
37.	Authorisation code of CHA CHA Code	C	15	C
38.	Total Gross weight (M.T.)	N	10.2	M
39.	Direct/ Transit (D)irect/ (T)ransit	C	3	C
40.	Stage (Full/Part Delivery) Stage ((F)ull/(P)art Delivery)	C	3	C
41.	IE Code	C	16	C

2.1.3 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	AGH	Agent Delivery Order Header	M	1
5	AGD	Agent Delivery Order 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)

1. Recipients ID

0030 NPD (Notify Parties)

2. Notify Party ID

0040 AGH (Agent Delivery Order Header)

Description: This segment includes the following fields:

1. Record Type
2. Delivery Order Number (LDO/ADO No)
3. Delivery Order Date (LDO/ADO Date)
4. Delivery Order for Examination (Y/N)
5. Validity Period up to (ADO/LDO)
6. VIA/VCN
7. Call Sign/Vessel Code
8. IMO Number
9. Voyage Number
10. Whether (F)oreign/(C)oastal (Y/N)
11. IGM Number
12. IGM Date
13. IGM Line Number
14. IGM Sub Line Number
15. Bill of Lading No
16. Bill of Lading Date
17. House Bill of Lading Number
18. House Bill of Lading Date

0050 AGD (Agent Delivery Order Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Name of Consignee
4. Consignee Address 1
5. Consignee Address 2
6. Consignee City
7. Consignee State
8. Port of Loading(POL)
9. Port of Discharge(POD)
10. Containerised (Y/N)
11. Container No.
12. ISO Code of Container
13. Cargo Description
14. Number of Packages
15. Package Code
16. Marks and Numbers
17. Freight Paid (Y/N/X)
18. Receipt Number
19. Receipt Date
20. Stamp Duty (Y/N/X)
21. Stamp Duty Paid Amount
22. Stamp Duty Paid Date
23. Delivery to (Name of Agent)
24. Authorisation code of agent
25. CHA Code
26. Total Gross weight (M.T.)
27. (D)irect/ (T)ransit
28. Stage ((F)ull/(P)art Delivery)
29. IE Code

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.1.4 SAMPLE TEXT FILE

```

UNH^]AGDORD^]Agent Delivery Order^]1213234^]20070905233123^]9^]sauser60
RPD^]ptuser10^]ptuser13
NPD^]NOTIR11^]NOTIER12
AGH^]A^]a^]05092007^]Y^]05092007^]a^]a^]a^]a^]a^]1^]05092007^]1^]0^]a^]05092
007^]a^]05092007
AGD^]A^]1^]a^]a^]a^]a^]aaaa^]aaaa^]Y^]a^]a^]a^]0^]a^]a^]Y^]a^]050920
07^]Y^].01^]05092007^]a^]a^]a^].01^]a^]a^]a
UNT^]05092007233455

```

2.1.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<AgentDeliveryOrder>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>AGDORD</DocumentType>
      <DocumentName>Agent Delivery Order</DocumentName>
      <DocumentNumber>1213234</DocumentNumber>
      <CommonRefNumber>20070905233123</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>sauser60</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>ptuser10</ReceivingParty>
        <ReceivingParty>ptuser13</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIR11</NotifyParty>
        <NotifyParty>NOTIER12</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <AgentDOHeader>
      <RecordType>A</RecordType>
      <DeliveryOrderNumber>a</DeliveryOrderNumber>
      <DeliveryOrderDate>05092007</DeliveryOrderDate>
      <DeliveryOrderExamination>Y</DeliveryOrderExamination>
      <ValidUpTo>05092007</ValidUpTo>
      <VCN>a</VCN>
      <CallSign>a</CallSign>
      <IMONumber>a</IMONumber>
      <VoyageNumber>a</VoyageNumber>
      <ForeignCoastalFlag>a</ForeignCoastalFlag>
      <IGMNumber>1</IGMNumber>
      <IGMDate>05092007</IGMDate>
    </AgentDOHeader>
  </DocumentDetails>
</AgentDeliveryOrder>

```

```
<IGMLineNumber>1</IGMLineNumber>
<IGMSubLineNumber>0</IGMSubLineNumber>
<BillLadingNo>a</BillLadingNo>
<BillLadingDate>05092007</BillLadingDate>
<HouseBillLadingNumber>a</HouseBillLadingNumber>
<HouseBillLadingDate>05092007</HouseBillLadingDate>
</AgentDOHeader>
<AgentDOSummary>
  <AgentDODetails>
    <RecordType>A</RecordType>
    <RecordNumber>1</RecordNumber>
    <NameofConsignee>a</NameofConsignee>
    <ConsigneeAddress1>a</ConsigneeAddress1>
    <ConsigneeAddress2>a</ConsigneeAddress2>
    <ConsigneeCity>a</ConsigneeCity>
    <ConsigneeState>a</ConsigneeState>
    <PortOfLoading>aaaaa</PortOfLoading>
    <PortOfDischarge>aaaaa</PortOfDischarge>
    <Containerised>Y</Containerised>
    <ContainerNo>a</ContainerNo>
    <ContISOCCode>a</ContISOCCode>
    <CargoDescription>a</CargoDescription>
    <NumberOfPackages>0</NumberOfPackages>
    <PackageCode>a</PackageCode>
    <MarksAndNumbers>a</MarksAndNumbers>
    <FreightPaid>Y</FreightPaid>
    <ReceiptNumber>a</ReceiptNumber>
    <ReceiptDate>05092007</ReceiptDate>
    <StampDuty>Y</StampDuty>
    <StampDutyPaidAmount>.01</StampDutyPaidAmount>
    <StampDutyPaidDate>05092007</StampDutyPaidDate>
    <DeliveryToAgent>a</DeliveryToAgent>
    <AuthCodeOfAgent>a</AuthCodeOfAgent>
    <CHACode>a</CHACode>
    <TotalGrossWeight>.01</TotalGrossWeight>
    <DirectOrTransit>a</DirectOrTransit>
    <Stage>a</Stage>
    <IECode>a</IECode>
  </AgentDODetails>
</AgentDOSummary>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>05092007233455</IssuedDateTime>
</DocumentSummary>
</AgentDeliveryOrder>
```

2.2 MATE RECEIPT

Document Name: Mate Receipt

Document Type: MATREC

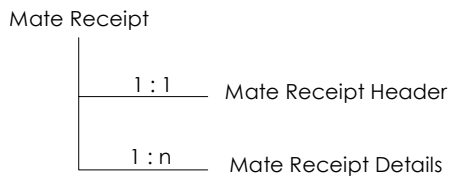
Document Id: MASA072

Document Flow: Vessel Master → Shipping Lines/Shipping Agents → CHA/Importer /Port

Mate receipt is prepared by SA which is endorsed by Master of ship at the time of sailing of Vessel which confirms that the consignment are loaded on Vessel also certified by Customs Boarding officer. This mate receipt is issued for each consignment.

The Shipping Agent/Port hand over the Mate Receipt to CHA/Exporter after the payment is received for the services provided (Return of Mate Receipt). (* In case of Caused, acceptance of clause Mate Receipt Subject to acceptance by Shipping /CHA)

2.2.1 DOCUMENT STRUCTURE



2.2.2 DOCUMENT DETAILS

HEADER:

S.No	Field name	Type	Length	Status
1.	Mate Receipt Number	C	15	M
2.	Mate Receipt Date	D	-	M
3.	VIA/VCN	C	14	M
4.	Call Sign/Vessel Code	C	10	M
5.	IMO Number	C	10	M
6.	Voyage Number	C	10	M
7.	Rotation No	N	7	M
8.	Rotation No date	D	-	M
9.	Shipping Bill No	N	7	M
10.	Shipping Bill Date	D	-	M
11.	Clause Mate Receipt/ Clean Mate Receipt (C/E)*	C	1	C
12.	Consignment Type (G - General / N- Nepal / I - ICD)	C	1	M
13.	Document Number	C	20	C
14.	Document Date	D	-	C

DETAILS:

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	No of packages stuffed/loaded	N	11	M
4.	Container Number	C	12	C
5.	ISO Code for Container	C	4	C
6.	Actual Weight of Cargo Loaded	N	12.2	M
7.	Unit of Measurement for Weight	C	3	M
8.	Marks and Numbers	C	100	M
9.	Volume	N	8.3	C
10.	Unit of Measurement for Volume	C	3	C
11.	Cargo Description	C	250	M
12.	Remarks	C	250	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	MRH	Mate Receipt Header	M	1
5	MRD	Mate 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 MRH (Mate Receipt Header)

Description: This segment includes the following fields:

1. Mate Receipt Number
2. Mate Receipt Date
3. VCN
4. IMO Number
5. Call Sign
6. Voyage Number
7. Rotation No
8. Rotation No date
9. Shipping Bill No
10. Shipping Bill Date
11. Clause Mate Receipt/ Clean Mate Receipt (C/E) *
12. Consignment Type(G-General /N-Nepal /I -ICD)
13. Document Number
14. Document Date

0050 MRD (Mate Receipt Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. No of packages stuffed/loaded
4. Container Number
5. ISO Code for Container
6. Actual Weight of Cargo Loaded
7. Unit of Measurement for Weight
8. Marks and Numbers
9. Volume
10. Unit of Measurement for Volume
11. Cargo Description
12. Remarks

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.2.4 SAMPLE TEXT FILE

```

UNH^]MATREC^]Mate Receipt^]1212334^]20070905121212^]9^]sauser10
RPD^]ptuser13^]ptuser14
NPD^]NOTIR11^]NOTIER12
MRH^]a^]05092007^]a^]a^]a^]1^]05092007^]1^]05092007^]a^]G^]a^]05092007
MRD^]A^]1^]0^]a^]a^].01^]a^]a^].001^]a^]a^]a
MRD^]A^]1^]0^]a^]a^].01^]a^]a^].001^]a^]a^]b
UNT^]05092007233411

```

2.2.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<MateReceipt>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>MATREC</DocumentType>
      <DocumentName>Mate Receipt</DocumentName>
      <DocumentNumber>Mate Receipt</DocumentNumber>
      <CommonRefNumber>20070905121212</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>sauser10</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>ptuser13</ReceivingParty>
        <ReceivingParty>ptuser14</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIR11</NotifyParty>
        <NotifyParty>NOTIER12</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <MateReceiptHeader>
      <MateReceiptNo>a</MateReceiptNo>
      <MateReceiptDate>05092007</MateReceiptDate>
      <VCN>a</VCN>
      <CallSign>a</CallSign>
      <IMONumber>a</IMONumber>
      <VoyageNumber>a</VoyageNumber>
      <RotationNo>1</RotationNo>
      <RotationNoDate>05092007</RotationNoDate>
      <ShippingBillNo>1</ShippingBillNo>
      <ShippingBillDate>05092007</ShippingBillDate>
      <MateReceiptType>a</MateReceiptType>
    </MateReceiptHeader>
  </DocumentDetails>
</MateReceipt>

```

```
<ConsignmentType>G</ConsignmentType>
<DocumentNumber>a</DocumentNumber>
<DocumentDate>05092007</DocumentDate>
</MateReceiptHeader>
<MateReceiptDetails>
  <Item>
    <RecordType>A</RecordType>
    <RecordNumber>1</RecordNumber>
    <NoOfPackagesStuffed>0</NoOfPackagesStuffed>
    <ContainerNumber>a</ContainerNumber>
    <ContISOCode>a</ContISOCode>
    <ActualWtOfCargoLoaded>.01</ActualWtOfCargoLoaded>
    <UnitofMeasurementforWeight>a</UnitofMeasurementforWeight>
    <MarksAndNumbers>a</MarksAndNumbers>
    <Volume>.001</Volume>
    <UnitofMeasurementforVolume>a</UnitofMeasurementforVolume>
    <CargoDescription>a</CargoDescription>
    <Remarks>a</Remarks>
  </Item>
  <Item>
    <RecordType>A</RecordType>
    <RecordNumber>1</RecordNumber>
    <NoOfPackagesStuffed>0</NoOfPackagesStuffed>
    <ContainerNumber>a</ContainerNumber>
    <ContISOCode>a</ContISOCode>
    <ActualWtOfCargoLoaded>.01</ActualWtOfCargoLoaded>
    <UnitofMeasurementforWeight>a</UnitofMeasurementforWeight>
    <MarksAndNumbers>a</MarksAndNumbers>
    <Volume>.001</Volume>
    <UnitofMeasurementforVolume>a</UnitofMeasurementforVolume>
    <CargoDescription>a</CargoDescription>
    <Remarks>b</Remarks>
  </Item>
</MateReceiptDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>05092007233411</IssuedDateTime>
</DocumentSummary>
</MateReceipt>
```

2.3 APPLICATION FOR LOG ENTRY LANDING CONDITION CERTIFICATE

Document Name: Application for Log Entry Landing Condition Certificate

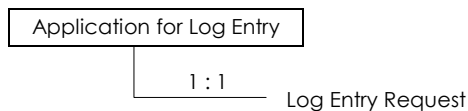
Document Type: RLOENT

Document Id: CHPT073

Document Flow: Importer/CHA → Port/CFS

The importer / CHA apply for log entry in case the cargo is short landed or excess landed. The CHA requires short or excess landing certificate from Port/CFS/SA for getting benefit in customs liabilities and claiming for insurance.

2.3.1 DOCUMENT STRUCTURE



2.3.2 DOCUMENT DETAILS

S.No	Field name	Type	Length	Status
1.	VIA/VCN	C	14	M
2.	IMO Number	C	10	M
3.	Call Sign / Vessel Code	C	10	M
4.	Voyage No.	C	7	M
5.	Customs Amendment Permission Applied(Y/N)	C	1	C
6.	Type of Amendment Requested	C	100	C
7.	Shipping Agent	C	16	M
8.	Customs Goods Estimations Carried Date	D	-	C
9.	CHA Code	C	15	C
10.	Importer/Exporter Code	C	15	M C
11.	Application No.	C	4	E M
12.	Application Date	D	-	E M
13.	Type of Certificate Requested	C	3	M
14.	Whether for (I)mports or (E)xports Cargo	C	1	M
15.	IGM No/ Rotation Number	N	7	C
16.	IGM date/ Rotation Date	D	-	C
17.	IGM Line No.	N	4	M C
18.	IGM Sub Line No	N	4	C
19.	Bill of Entry No/ Shipping Bill No.	C	7	C
20.	Bill of Entry Date/ Shipping Bill Date	D	-	C
21.	Total No. of Packages for which Certificate is Required	N	5	C
22.	Package Type	C	3	C

23.	Quantity for which certificate is required	N	8.3	C
24.	Unit of Measurement For Quantity	C	3	C
25.	Volume	N	8.3	C
26.	Unit of Measurement For Volume	C	3	C
27.	Container No.	C	12	C
28.	Cargo Description	C	250	M
29.	Last Date of Delivery Taken	D	-	C
30.	Port Dues Paid (Y/N)	C	1	M
31.	Actual Marks and Numbers	C	250	M
32.	Dimensions of the CARGO/PACKAGE	C	250	C
33.	Landing Remarks	C	250	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.	ALH	Log Entry Request	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 ALH (Log Entry Request)

Description: This segment includes the following fields:

1. VCN
2. IMO Number
3. Call Sign
4. Voyage Number
5. Customs Amendment Permission Applied(Y/N)
6. Type of Amendment Requested

7. Shipping Agent
8. Customs Goods Estimations Carried
9. CHA
10. Importer/Exporter Code
11. Application No.
12. Application Date
13. Type of Certificate
14. Whether for (I)mports or (E)ports Cargo
15. IGM No/ Rotation Number
16. IGM date/ Rotation Date
17. IGM Line No.
18. IGM Sub Line No
19. Bill of Entry No/ Shipping Bill No.
20. Bill of Entry Date/ Shipping Bill Date
21. Total No. of Packages for which Certificate is Required
22. Package Type
23. Quantity for which certificate is required
24. Unit of Measurement For Quantity
25. Volume
26. Unit of Measurement For Volume
27. Container No.
28. Cargo Description
29. Last Date of Delivery Taken
30. Port Dues Paid (Y/N)
31. Actual Marks and Numbers
32. Dimensions of the CARGO/PACKAGE
33. Landing Remarks

0050 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.3.4 SAMPLE TEXT FILE

```

UNH^]RLOENT^]Log Entry Application^]1212444^]20070905232323^]9^]chuser10
RPD^]ptuser10^]ptuser11
NPD^]NOTIR11^]NOTIER12
ALH^]a^]a^]a^]Y^]a^]a^]05092007^]a^]a^]a^]05092007^]a^]a^]1^]05092007^]1^]
]0^]a^]05092007^]0^]a^].001^]a^].001^]a^]a^]a^]05092007^]Y^]a^]a^]a
UNT^]05092007233411

```

2.3.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<LogEntryApplication>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>RLOENT</DocumentType>
      <DocumentName>Log Entry Application</DocumentName>
      <DocumentNumber>1212444</DocumentNumber>
      <CommonRefNumber>20070905232323</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>chuser10</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>ptuser10</ReceivingParty>
        <ReceivingParty>ptuser11</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>a</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <LogEntry>
      <VCN>a</VCN>
      <IMONumber>a</IMONumber>
      <CallSign>a</CallSign>
      <VoyageNumber>a</VoyageNumber>
      <CustomPermisson>Y</CustomPermisson>
      <AmendmentRequest>a</AmendmentRequest>
      <SACode>a</SACode>
      <GoodsEstimatedDate>01011800</GoodsEstimatedDate>
      <CHACode>a</CHACode>
      <ImpExpCode>a</ImpExpCode>
      <ApplicationNo>a</ApplicationNo>
      <ApplicationDate>01011800</ApplicationDate>
      <TypeOfCertificate>a</TypeOfCertificate>
      <ImporExpCargo>a</ImporExpCargo>
      <IGMNoOrRotationNo>1</IGMNoOrRotationNo >
      <IGMDateOrRotationDate>01011800</IGMDateOrRotationDate >
      <IGMLineNumber>1</IGMLineNumber>
      <IGMSubLineNumber>0</IGMSubLineNumber>
      <BLNoOrSBNo>a</BLNoOrSBNo >
      <ShippingBillDate>01011800</ShippingBillDate>
      <CertificateforNoofPKGS>0</CertificateforNoofPKGS>
      <PackageType>a</PackageType>
      <QuantityForCertificate>0.001</QuantityForCertificate>
      <UnitofMeasureQuantity>a</UnitofMeasureQuantity>
      <Volume>0.001</Volume>
      <UnitofMeasureVolume>a</UnitofMeasureVolume>
    </LogEntry>
  </DocumentDetails>
</LogEntryApplication>

```



```
<ContainerNo>a</ContainerNo>
<CargoDescription>a</CargoDescription>
<LastDateofDelevery>01011800</LastDateofDelevery>
<PortDuesPaid>Y</PortDuesPaid>
<ActualMarksAndNo>a</ActualMarksAndNo>
<DimensionsOfCargo>a</DimensionsOfCargo>
<LandingRemarks>a</LandingRemarks>
</LogEntry>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</LogEntryApplication>
```

2.4 GRANT OF LOG ENTRY CONFIRMATION FOR LANDING CONDITION CERTIFICATE

Document Name: Grant of Log Entry Confirmation for Landing Condition Certificate

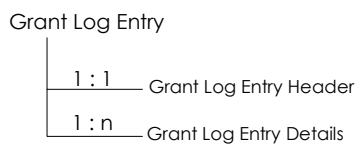
Document Type: GLOENT

Document Id: CHPT8

Document Flow: Port/CHA → CHA/Shipping Line/Shipping Agent

The port issues necessary certificates against the application made as per message for Application for Log Entry/Short landed/Landing remark

2.4.1 DOCUMENT STRUCTURE



2.4.2 DOCUMENT DETAILS

HEADER:

S. No	Field name	Type	Length	Status
1.	VIA/VCN	C	14	M
2.	IMO Number	C	10	M
3.	Call Sign / Vessel Code	C	10	M
4.	Voyage No.	C	7	M
5.	CHA/Importer/Exporter Code	C	15	MC
6.	CHA Code	C	15	C
7.	Application No.	C	4	MC
8.	Application Date	D	-	MC
9.	Type of Certificate Requested	C	3	M
10.	(I)mport/(E)xport	C	1	M
11.	IGM No/ Rotation Number	N	7	M
12.	IGM Date/ Rotation Date	D	-	M
13.	IGM Line No.	N	4	C
14.	IGM Sub Line No.	N	4	C
15.	Bill of Entry No/ Shipping Bill No	C	7	C
16.	Bill of Entry Date/ Shipping Bill Date	D	-	C
17.	IGM / Shipping Bill Quantity	N	8 8.3	MC
18.	Quantity not available	N	8	C
19.	Cargo Description	C	250	C
20.	Actual Marks and Numbers	C	250	M
21.	Total No.of Packages for which Certificate is Issued	N	5	C
22.	Package Type	C	3	C
23.	Quantity for Which Certificate is Issued	N	8.3	C

24.	Unit of Measurement for Quantity	C	3	C
25.	Volume for which Certificate Issued	N	8.3	C
26.	Unit of Measurement for Volume	C	3	C
27.	Shipping Agent Code	C	16	M
28.	Container No.	C	12	C
29.	Log Date (Certificate issue date)	D	1	M

DETAILS:

S. No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Tally sheet No.	C	8	M C
3.	Tally Sheet date	D	-	M C
4.	Working Shift Operation (1 / 2 / 3)	C	1	M C
5.	Log Date (certificate issue date)	D	1	M
6.	Landing Remarks	C	250	C
7.	Container No	C	12	C

2.4.3 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	GLH	Grant Log Entry Header	M	1
5	GLD	Grant Log Entry 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 ID

0040 GLH (Grant Log Entry Header)

Description: This segment includes the following fields:

1. VIA/VCN
2. IMO Number
3. Call Sign / Vessel Code
4. Voyage No.
5. Importer/Exporter Code
6. CHA
7. Application No.
8. Application Date
9. Type of Certificate
10. Import Or Export
11. IGM No/ Rotation Number
12. IGM date/ Rotation Date
13. IGM Line No.
14. IGM Sub Line No.
15. Bill of Entry No Shipping Bill No
16. Bill of Entry Date Shipping Bill Date
17. IGM quantity
18. Quantity not available
19. Cargo Description
20. Actual Marks and Numbers
21. Total No.of Packages for which Certificate is Issued
22. Package Type
23. Quantity for Which Certificate is Issued
24. Unit of Measurement for Quantity
25. Volume for which Certificate Issued
26. Unit of Measurement for Volume
27. Shipping Agent Code
28. Container No.
29. Log Date

0050 GLD (Grant Log Entry Details)

Description: This segment includes the following fields:

1. Record Type
2. Tally sheet no.
3. Tally Sheet date
4. Working Shift Operation (1 / 2 / 3)
5. Landing Remarks
6. Container No.

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^]GLOENT^]GrantLogEntry^]1213344^]20070905211123^]9^]ptuser13
RPD^] sauser66^]sauser60
NPD^] NOTIR11^]NOTIER12
GLH^]a^]a^]a^]a^]a^]a^]a^]05092007^]a^]I^]1^]05092007^]1^]0^]a^]0509200
7^].001^]0^]a^]a^]0^]a^].001^]a^].001^]a^]a^]a^]05092007
GLD^]A^]a1^]a^]05092007^]a1^]a
GLD^]A^]a2^]a^]05092007^]a2^]b
UNT^]05092007233411

```

2.4.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<GrantLogEntry>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>GLOENT</DocumentType>
      <DocumentName>Grant Log Entry</DocumentName>
      <DocumentNumber>1213344</DocumentNumber>
      <CommonRefNumber>20070905211123</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>ptuser13</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>sauser66</ReceivingParty>
        <ReceivingParty>sauser60</ReceivingParty>
      </ReceivingPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <GrantLogEntryHeader>
      <VCN>a</VCN>
      <IMONumber>a</IMONumber>
      <CallSign>a</CallSign>
      <VoyageNumber>a</VoyageNumber>
      <CHAOrImpOrExp>Onlyone</CHAOrImpOrExp>
      <CHACode>a</CHACode>
      <ApplicationNo>a</ApplicationNo>
      <ApplicationDate>01011800</ApplicationDate>
      <TypeOfCertificate>LE</TypeOfCertificate>
      <ImportOrExport>I</ImportOrExport>
      <IGMNoOrRotationNo>1</IGMNoOrRotationNo>
      <IGMDateOrRotationDate>01011800</IGMDateOrRotationDate>
    </GrantLogEntryHeader>
  </DocumentDetails>
</GrantLogEntry>

```

```

    <IGMLineNumber>1</IGMLineNumber>
    <IGMSubLineNumber>1</IGMSubLineNumber>
    <BENoOrSBNo>a</BENoOrSBNo >
    <BEDateOrSBDate >01011800</BEDateOrSBDate >
    <IGMOrShipBillQuantity >0.001</IGMOrShipBillQuantity >
    <QtyNotAvailable >0</QtyNotAvailable >
    <CargoDesc>a</CargoDesc>
    <ActualMarksandNumbers >a</ActualMarksandNumbers >
    <CertificateforNoofPKGSIssued>0</CertificateforNoofPKGSIssued>
    <PackageType>a</PackageType>
    <QuantityForCertificateIssued>0.001</QuantityForCertificateIssued>
    <UnitofMeasureQuantity>a</UnitofMeasureQuantity>
    <VolumeForCertificateIssued>0.001</VolumeForCertificateIssued>
    <UnitofMeasureVolume>a</UnitofMeasureVolume>
    <SACode>a</SACode>
    <ContainerNo>a</ContainerNo>
    <LogDate>01011800</LogDate>
</GrantLogEntryHeader>
<GrantLogEntrySummary>
  <LogEntry>
    <RecordType>N</RecordType>
    <TallySheetNo>1</TallySheetNo>
    <TallySheetDate>01011800</TallySheetDate>
    <WorkingShiftOperation>a</WorkingShiftOperation>
    <LandingRemarks>a</LandingRemarks>
    <ContainerNo>a</ContainerNo>
  </LogEntry>
  <LogEntry>
    <RecordType>N</RecordType>
    <TallySheetNo>2</TallySheetNo>
    <TallySheetDate>01011800</TallySheetDate>
    <WorkingShiftOperation>a</WorkingShiftOperation>
    <LandingRemarks>a</LandingRemarks>
    <ContainerNo>b</ContainerNo>
  </LogEntry>
</GrantLogEntrySummary>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</GrantLogEntry>

```