



**MESSAGE SPECIFICATION-VESSEL
FOR
PORT COMMUNITY SYSTEM (PCS)**

Release No 3.3 – Nov, 2009

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.
2.0.1	NA	JULY, 2007	Amended with Vessel Profile Approval message, modified Berman message structure and splitted Stowage Plan into two messages as Stowage Plan and Bay Plan. Bay Plan will be used as UNEDIFACT and Stowage Plan will be used as TXT,
2.0.2	NA	JULY, 2007	New Message Berth Allotment is included
2.0.3	NA	August, 2007	New Message Dangerous Good Notification Acknowledgement is included and Validations section is included
2.0.4	NA	Oct, 2007	<p>Amended the IFTDGN, RESREQ and ALORES messages with Record Number field.</p> <p>VESPRO:</p> <ul style="list-style-type: none"> • New field is added (Permanent Validity (Y/N)) • Ship registry validity date made as optional • Type of vessel Field is moved up in the order Next to Vessel Name • Following three fields are added for approving the VESPRO message <ul style="list-style-type: none"> ○ Port of Approval ○ Approved By ○ Approved Date <p>VPAPPR: This message is removed as VESPRO is meant for both submission and approval of vessel profile</p>

			<p>BERMAN:</p> <ul style="list-style-type: none"> • Following two conditional new fields are added <ul style="list-style-type: none"> ○ Bank MICR code ○ Bank Account Number <p>PAXLST:</p> <ul style="list-style-type: none"> • Passport number is made conditional • Place of issue is conditional • New field Record Number C(8) is introduced • Port of Loading or Embarkation is conditional • Port of discharge/ Dis-Embarkation is conditional • Visa number is conditional • Visa Validity Date is conditional <p>IFTDGN:</p> <ul style="list-style-type: none"> • Fields Description of Filled Cylinders and Storage Instruction are made optional <p>DGNACK:</p> <ul style="list-style-type: none"> • Field Cargo/Container is moved to the Details <p>UNBERT:</p> <ul style="list-style-type: none"> • The field (Sailing /Shifting/Un-Berthing/Re-berthing wharfing) needs is next to VCN. • Expected Cargo Completion Date/Time is conditional. • Expected Date & Time of Departure is conditional. • In case of sailing, New Berth Number is conditional. • Departure Draft Fwd (meter) length is changed to 4.2 • Departure Draft Aft (meter) length is changed to 4.2 • New Field (Agency Code char(15) added next to Request from) <p>VESDEP:</p> <ul style="list-style-type: none"> • New Field -Shipping Line code – Char (15) Mandatory is added • Field no 27 'Reason for waiting' shall be of field length C(2) <p>TPFREP:</p>
--	--	--	---

			<ul style="list-style-type: none"> Total Tonnage for all Cargo (M.T.) should be Conditional Cumulative Total Tonnage for all Cargo (M.T.) Should be Conditional
3.0	NA	November, 2007	<p>PAXLIST:</p> <ul style="list-style-type: none"> PIN code should be numeric 10. <p>IFTDGN:</p> <ul style="list-style-type: none"> Field number 5 i.e. Container Type Classification Code will be conditional. Field number No – 20 i.e. shipping bill Number should not repeat. <p>DGNACK:</p> <ul style="list-style-type: none"> Field number No – 7 i.e. shipping bill Number should not repeat. <p>BAPLIE:</p> <ul style="list-style-type: none"> Filed No-13 'trmperature value of Refer' should be numeric. <p>VESDEP:</p> <ul style="list-style-type: none"> Filed number 3 to 7 and 20 are mandatory and all other fields are conditional <p>TPFREP:</p> <ul style="list-style-type: none"> The field number – 9 i.e. 'Vessel Berthing Sub-Status' should be conditional
3.1	NA	June, 2008	<p>Refer to Change Request No: PORTS_IPAPCS_CR_0608_01.doc</p> <p>Compatible XML Schema version for this specification (3.1) :</p> <p>Schema Version 3.1 VESPRO, CALINF, CALINV, BERMAN, BERALT</p> <p>Schema Version 3.5 PCS_CommonTypes.xsd</p> <p>Schema Version 3.0: PAXLST, STOPLN, BAPLIE, MOVINS, IFTDGN, DGNACK, RESREQ, ALORES, UNBERT, VESDEP, TPFREP</p>

3.2	NA	June. 2009	Refer to Change Request No: PORTS_IPAPCS_CR_0609_01.doc BERALT: Implementation of two fields i.e reason for Change of berth for all amendments, Indicator for Tentative (T) / Final (F)
3.3	NA	Nov. 2009	BAPLIE: Field length for ' Temperature Value of Reefer ' is changed from 15 to 4.1

CONTENTS

1. INTRODUCTION 9

1.1 PURPOSE AND SCOPE OF THIS DOCUMENT 9

1.2 REFERENCES 9

1.3 DEFINITIONS AND ABBREVIATIONS..... 10

1.4 GENERAL GUIDELINES 11

 1.4.1 Approach 11

 1.4.2 Standard Message Format 11

 1.4.3 Notes 12

 1.4.4 Validation 13

2. VESSEL RELATED DOCUMENTS 14

2.1 VESSEL PROFILE..... 15

 2.1.1 Document Structure 15

 2.1.2 Document Details 15

 2.1.3 Message Structure 17

 2.1.4 Sample Text File 20

 2.1.5 Sample XML File 21

~~2.2 VESSEL PROFILE APPROVAL 24~~

~~2.2.1 Document Structure 24~~

~~2.2.2 Document Details 24~~

~~2.2.3 Message Structure 24~~

~~2.2.4 Sample Text File 25~~

~~2.2.5 Sample XML File 26~~

2.3 VOYAGE REGISTRATION 27

 2.3.1 Document Structure 27

 2.3.2 Document Details 27

 2.3.3 Message Structure 28

 2.3.4 Sample Text File 31

 2.3.5 Sample XML File 31

2.4 ALLOTMENT OF VCN..... 33

 2.4.1 Document Structure 33

 2.4.2 Document Details 33

 2.4.3 Message Structure 34

 2.4.4 Sample Text File 35

 2.4.5 Sample XML File 35

2.5 BERTH MANAGEMENT 37

 2.5.1 Document Structure 37

 2.5.2 Document Details 37

 2.5.3 Message Structure 42

 2.5.4 Sample Text File 46

 2.5.5 Sample XML File 47

2.6 BERTH ALLOCATION 54

 2.6.1 Document Structure 54

 2.6.2 Document Details 54

 2.6.3 Message Structure 55

 2.6.4 Sample Text File 56

 2.6.5 Sample XML File 56

2.7 PASSENGER / CREW LIST 58

 2.7.1 Document Structure 58

 2.7.2 Document Details 58

2.7.3	Message Structure	60
2.7.4	Sample Text File	61
2.7.5	Sample XML File	61
2.8	BAY PLAN	64
2.8.1	Document Structure	64
2.8.2	Document Structure	64
2.8.3	Message Format	65
2.8.4	Sample Text File	67
2.8.5	Sample XML File	67
2.9	STOWAGE PLAN.....	69
2.9.1	Document Structure	69
2.9.2	Document Structure	69
2.9.3	Message Format	71
2.9.4	Sample Text File	73
2.9.5	Sample XML File	73
2.10	STOWAGE INSTRUCTION (MOVINS)	76
2.10.1	Document Structure	76
2.10.2	Document Details	76
2.10.3	Message Format	77
2.10.4	Sample Text File	79
2.10.5	Sample XML File	79
2.11	DANGEROUS GOODS NOTIFICATION (IFTDGN)	82
2.11.1	Document Structure	82
2.11.2	Document Details	82
2.11.3	Message Structure	84
2.11.4	Sample Text File	87
2.11.5	Sample XML File	87
2.12	DANGEROUS GOODS NOTIFICATION ACKNOWLEDGEMENT (DGNACK)	91
2.12.1	Document Structure	91
2.12.2	Document Details	91
2.12.3	Message Structure	92
2.12.4	Sample Text File	94
2.12.5	Sample XML File	94
2.13	RESOURCE REQUISITION (RESREQ)	96
2.13.1	Document Structure	96
2.13.2	Document Details	96
2.13.3	Message Structure	97
2.13.4	Sample Text File	100
2.13.5	Sample XML File	100
2.14	ALLOTMENT OF RESOURCES	103
2.14.1	Document Structure	103
2.14.2	Document Details	103
2.14.3	Message Structure	104
2.14.4	Sample Text File	106
2.14.5	Sample XML File	106
2.15	UN-BERTHING /SAILING/ SHIFTING / RE-BERTHING (UNBERT)	109
2.15.1	Document Structure	109
2.15.2	Document Details	109
2.15.3	Message Format	111
2.15.4	Sample Text File	112
2.15.5	Sample XML File	112
2.16	VESSEL MOVEMENT /VESSEL DEPARTURE (VESDEP).....	114
2.16.1	Document Structure	114

2.16.2	Document Details	114
2.16.3	Message Structure	115
2.16.4	Sample Text File	117
2.16.5	Sample XML File	117
2.17	TERMINAL PERFORMANCE REPORT	120
2.17.1	Document Structure	120
2.17.2	Document Details	120
2.17.3	Message Structure	123
2.17.4	Sample Text File	125
2.17.5	Sample XML File	126

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
7.	Notifying Party IDs	IDs of the parties required to be notified

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	Validate against code directories for the fields which is mentioned "PCS Directories 1.3.pdf" All the Code Directories codes are validated against UNEDIFACT Version D00B.
9.	Conditional tags Validation	For all the fields' status mentioned as "C" in Document details, empty tag should not be available in the XML messages.

2. VESSEL RELATED DOCUMENTS

Following are the vessel related messages included in PCS:

S.NO	DOCUMENT NAME	DOCUMENT TYPE	FORMATS SUPPORTED
1.	Vessel Profile	VESPRO	Text, xml, UN/EDIFACT
2.	Vessel Profile Approval	VPAPPR	Text, xml
3.	Voyage Registration	CALINF	Text, xml, UN/EDIFACT
4.	Allotment of VCN	CALINV	Text, xml
5.	Berth Management	BERMAN	Text, xml, UN/EDIFACT
6.	Berth Allotment	BERALT	Text, xml
7.	Passengers/Crew List	PAXLST	Text, xml, UN/EDIFACT
8.	Stowage Plan	STOPLN	Text, xml, UN/EDIFACT
9.	Bay Plan	BAPLIE	Text, xml, UN/EDIFACT
10.	Stowage Instruction	MOVINS	Text, xml, UN/EDIFACT
11.	Dangerous Goods Notification	IFTDGN	Text, xml, UN/EDIFACT
12.	Dangerous Goods Notification Acknowledgement	DGNACK	Text, xml
13.	Requisition of Resources	RESREQ	Text, xml
14.	Allotment of resources	ALORES	Text, xml
15.	Re-Berthing	UNBERT	Text, xml
16.	Vessel Movement	VESDEP	Text, xml, UN/EDIFACT
17.	Terminal Performance Report	TPFREP	Text, xml, UN/EDIFACT

2.1 VESSEL PROFILE

Document Name: Vessel Profile

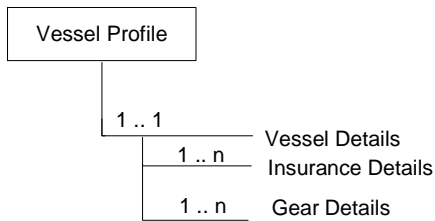
Document Type: VESPRO

Document Id: SAPT001

Document Flow: Shipping Lines/Shipping Agents → Port

The Shipping Line/Shipping agent registers his vessel by submitting the Vessel Profile along with necessary certificates to the Port which in turn verifies and approves the Vessel Profile.

2.1.1 DOCUMENT STRUCTURE



2.1.2 DOCUMENT DETAILS

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	MT/MV	C	2	M
3.	Vessel Name	C	35	M
4.	Type of Vessel (UN/EDIFACT Segment 8179 Code List)	C	8	M
5.	IMO Number	C	10	M
6.	Call sign	C	10	M
7.	Port of Registration (UNLOCODE)	C	6	M
8.	Agency Function code (UN/EDIFACT 3035 Party function code qualifier)	C	3	M
9.	Agency Code	C	16	M
10.	Ex. Vessel Name (if any)	C	35	C
11.	Ex Call Sign (If any)	C	10	C
12.	Nationality of the Vessel	C	2	M
13.	Satellite ID (if any)	C	20	C
14.	Satcom ID	C	20	C
15.	Free Board	N	8.2	C
16.	Vessel Delivery Date Vessel Building Date	D	-	M
17.	Vessel Building Place	C	30	C
18.	Date of Keel Laying Date of Delivery / Keel Laying	D	-	C
19.	Permanent Validity	C	1	M
20.	Ship Registry Certificate Number	C	35	M

S.No	Field name	Type	Length	Status
21.	Ship Registry Validity Date	D	-	C
22.	Safety Management Certificate Number	C	35	M
23.	Safety Management Certificate Validity Date	D	-	M
24.	Vessel Height (meter)	N	6.2	C
25.	ISPS Compliance (Y/N)	C	1	M
26.	CAP II Certificate (only for Petroleum Tankers) (Y/N)	C	1	M
27.	Beam (meter)	N	6.2	M
28.	LOA (meter)	N	6.2	M
29.	LBP (meter)	N	6.2	M
30.	Maximum Draft (meter)	N	6.2	M
31.	Parallel Body Length in Ballast Condition (For Tankers) (meter)	N	8.3	C
32.	Dist. Bow to Manifold (meter)	N	6.2	C
33.	GT(GRT) in MT G.R.T. (MT)	N	10.3	M
34.	NT (NRT) in MT N.R.T. (MT)	N	10.3	M
35.	DWT (MT)	N	10.3	M
36.	Summer Dead Weight (M.T.)	N	10.3	C
37.	TEU Capacity	N	6	C
38.	SBT (Y/N)	C	1	C
39.	Reduced G.R.T (if SBT is Yes) (M.T.)	N	8.1	C
40.	Name of Owner	C	35	M
41.	Owner /vessel E-mail Address	C	50	C
42.	Classification Society	C	35	C
43.	Name of Hull Insurance company	C	50	C
44.	Hull Insurance company Validity	D	-	C
45.	Engine Type	C	20	M
46.	Number of Engines	N	1	M
47.	Engine Power (BHP)	C	20	C
48.	Propulsion Type	C	35	M
49.	Number of Propellers	N	2	M
50.	Number of Bays	N	2	C
51.	Number of Rows on Deck	N	2	C
52.	Hatch Cover type (Pontoon / Hydraulic)	C	1	C
53.	No. of Hatches/Tanks	N	2	C
54.	Maximum Maneuvering Speed (KNOTS)	N	4.1	M
55.	Bow Thruster (Y/N)	C	1	M
56.	Total number of Bow Thrusters Bow Thruster Number	N	3	C
57.	Bow Thruster Power (KW)	N	4.1	C
58.	Total number of stern thrusters Stern Thruster Number	N	2	C
59.	Stern Thruster Power (KW)	N	4.1	C
60.	Bulbous Bow (Y/N)	C	1	M
61.	MMSI Number	C	9	C
62.	Port of Approval	C	6	C
63.	Approved By	C	15	C

S.No	Field name	Type	Length	Status
64.	Approval Date	D	-	C
65. \$	Record Type	C	1	M
66. \$	Record Number	N	6	M
67. \$	Name of P & I club	C	50	M
68. \$	P & I Insurance valid upto	D	-	C
69. \$	Local correspondent of P&I Club	C	50	C
70. \$	Record Type	C	1	M
71. \$	Record Number	N	6	M
72. \$	Number of Vessel Gears (eg. 4X25 Tons)	C	20	M

Note: Fields 64 – 68 repeats as one group and fields 69-71 will repeat as another group

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.	VRD	Vessel Detail	M	1
5.	VID	Vessel Insurance Details	M	99
6.	VGD	Vessel Gear Detail	M	99
7.	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 VRD (Vessel Registration Detail)

Description: This segment includes the following fields:

1. Record Type
2. MT/MV
3. Vessel Name
4. Type of Vessel
5. IMO Number
6. Call Sign

7. Port of Registration
8. Agency function Code
9. Agency Code
10. Previous/Ex. Vessel Name
11. Previous/Ex. Call Sign
12. Flag of the Vessel
13. Satellite ID
14. Satcom ID
15. FreeBoard
16. ~~Vessel Delivery Date~~ ~~Vessel Build Date~~
17. Vessel Build Place
18. ~~Date of Keel Laying~~ ~~Date of Delivery~~
19. Permanent Validity
20. Ship Registry Certificate Number
21. Ship Registry validity
22. Safety Management Certificate Number
23. Safety Management Certificate Validity
24. Vessel Height
25. ISPS compliance
26. CAPII certificate
27. Beam
28. LOA
29. LBP
30. Max Draft
31. Parallel Body Length
32. Bow to Manifold
33. GT (GRT) in MT
34. NT (NRT) in MT
35. DWT
36. Summer Dead Weight
37. TEU capacity
38. SBT
39. Reduced GRT
40. Name of Owner
41. Email ID
42. Classification Society
43. Hull Insurance Company name
44. Hull Insurance Company Validity
45. Engine Type
46. Number of Engines
47. Engine Power
48. Propulsion Type
49. Number of Propellers
50. Number of Bays
51. Number of rows on deck
52. Hatch cover type
53. No of hatches/tanks
54. Max man speed
55. Bow Thruster
56. ~~Total number of Bow Thrusters~~ ~~Bow thruster No~~
57. Bow Thruster power
58. ~~Total number of stern thrusters~~ ~~Stern Thruster Number~~
59. Stern Thruster Power

60. Bulbous Bow
61. MMSI Number
62. Port Of Approval
63. Approved By
64. Approval Date

0050 VID (Vessel Insurance Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Name of P & I Club
4. P & I Insurance Valid upto
5. Local correspondent of P & I Club

0060 VGD (Vessel Gear Detail)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Number of Vessel gears

0070 UNT (Message Trailer)

Description: This segment includes the following fields:

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

2.1.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<VesselProfile>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>VESPRO</DocumentType>
      <DocumentName>Vessel Profile</DocumentName>
      <DocumentNumber>123456789</DocumentNumber>
      <CommonRefNumber>PCS3456789</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SEND111</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>REC001</ReceivingParty>
        <ReceivingParty>REC002</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOT001</NotifyParty>
        <NotifyParty>NOT002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <VesselProfileDetails>
      <RecordType>A</RecordType>
      <MTMV>MT</MTMV>
      <VesselName>VESSELNAME</VesselName>
      <VesselType>1</VesselType>
      <IMONumber>IMONUM001</IMONumber>
      <CallSign>VESC001</CallSign>
      <RegPort>POTREG</RegPort>
    </VesselProfileDetails>
    <CarrierAgencyFunctionCode>AFC</CarrierAgencyFunctionCode>
    <AgencyCode>AGENCYCODE0111</AgencyCode>
    <ExVesselName>EXVESSELNAME</ExVesselName>
    <ExCallSign>EXCALLSIGN</ExCallSign>
    <VesselFlag>IN</VesselFlag>
    <SatelliteID>SATELLITEID01</SatelliteID>
    <SatcomID>SATCOMID002</SatcomID>
    <FreeBoard>123.45</FreeBoard>
    <VesselDeliveryDate>27062007</VesselDeliveryDate>
  </DocumentDetails>
  <VesselBuildingPlace>VESSELBUILDINGPLACE</VesselBuildingPlace>
  <DateOfKeelLaying>27062007</DateOfKeelLaying>
  <PermanentValidity>Y</PermanentValidity>
  <ShipRegCertNumber>SHIPREGCERTIFICATENUM009</ShipRegCertNumber>
  <ShipRegValidityDate>27062007</ShipRegValidityDate>
  <SafetyMgmtCertNumber>SAFTYMGMFACTENUM008</SafetyMgmtCertNumber>

```

```

<SafetyMgmtCertValidityDate>27062007</SafetyMgmtCertValidityDate>
  <VesselHeight>0.01</VesselHeight>
  <ISPSCompliance>Y</ISPSCompliance>
  <CAPCertificate>Y</CAPCertificate>
  <Beam>0.01</Beam>
  <LOA>0.01</LOA>
  <LBP>0.01</LBP>
  <MaxDraft>0.01</MaxDraft>
  <BodyLength>0.001</BodyLength>
  <BowtoMainfold>0.01</BowtoMainfold>
  <GRT>0.01</GRT>
  <NRT>0.01</NRT>
  <DWT>0.01</DWT>
  <SummerDeadWeight>0.01</SummerDeadWeight>
  <TEU>0</TEU>
  <SBT>Y</SBT>
  <ReducedGRT>0.01</ReducedGRT>
  <VesselOwner>VESSELOWNERNAME</VesselOwner>
  <VesselEmailID>vessel@gmail.com</VesselEmailID>

<ClassificationSociety>CLASSIFICATIONSOCIETY</ClassificationSociety>

<HullInsurCompanyName>HULLINSURANCECOMP</HullInsurCompanyName>

<HullInsurCompanyValidity>01011800</HullInsurCompanyValidity>
  <EngineType>ENGINETYPE</EngineType>
  <NoOfEngines>1</NoOfEngines>
  <EnginePower>ENGINEPOWER</EnginePower>
  <PropulsionType>PROPULSIONTYPE</PropulsionType>
  <Propellers>1</Propellers>
  <NoOfBays>1</NoOfBays>
  <NoOfRowsOnDeck>1</NoOfRowsOnDeck>
  <HatchCoverType>H</HatchCoverType>
  <NoOfHatchesorTanks>1</NoOfHatchesorTanks>
  <MaxManeuveringSpeed>0.1</MaxManeuveringSpeed>
  <BowThruster>Y</BowThruster>
  <TotalNoOfBowThrusters>1</TotalNoOfBowThrusters>
  <BowThrusterPower>0.1</BowThrusterPower>
  <TotalNoOfSternThrusters>1</TotalNoOfSternThrusters>
  <SternThrusterPower>0.1</SternThrusterPower>
  <BulbousBow>Y</BulbousBow>
    <MMSINumber>MMSI8789</MMSINumber>
  <PortOfApproval>INBOM1</PortOfApproval>
  <ApprovedBy>ptuser11</ApprovedBy>
  <DateOfApproval>27011800</DateOfApproval>
  <InsuranceDetails>
    <Insurance>
      <RecordType>A</RecordType>
      <RecordNumber>1</RecordNumber>
      <PIClubName>NAMEOFPI</PIClubName>
      <PIInsuranceValidity>23052007</PIInsuranceValidity>
      <PIClubLocalName>LOCALCPDPI</PIClubLocalName>

```

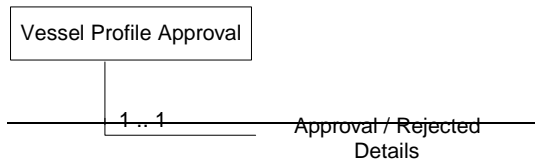
```
        </Insurance>
        <Insurance>
            <RecordType>A</RecordType>
            <RecordNumber>2</RecordNumber>
            <PIClubName>NAMEOFPI</PIClubName>
            <PIInsuranceValidity>24052007</PIInsuranceValidity>
            <PIClubLocalName>LOCALCPDPI</PIClubLocalName>
        </Insurance>
    </InsuranceDetails>
    <VesselGearsDetails>
        <VesselGear>
            <RecordType>A</RecordType>
            <RecordNumber>1</RecordNumber>
            <VesselGear>4*25</VesselGear>
        </VesselGear>
        <VesselGear>
            <RecordType>A</RecordType>
            <RecordNumber>2</RecordNumber>
            <VesselGear>3*20</VesselGear>
        </VesselGear>
    </VesselGearsDetails>
</VesselProfileDetails>
</DocumentDetails>
<DocumentSummary>
    <IssuedDateTime>27062007101122</IssuedDateTime>
</DocumentSummary>
</VesselProfile>
```

2.2 VESSEL PROFILE APPROVAL

Document Name: Vessel Profile Approval
Document Type: VPAPPR
Document Id: PTSA001
Document Flow: Port → Shipping Lines/Shipping Agents

The Port verifies the Vessel Profile details submitted by Shipping Line/Shipping agent and approves / rejects the Profile.

2.2.1 DOCUMENT STRUCTURE



2.2.2 DOCUMENT DETAILS

S.No	Field name	Type	Length	Status
1.	IMO Number	C	10	M
2.	Agency code	C	15	M
3.	Port Code	C	6	M
4.	Status (A – Approved / R – Rejected)	C	1	M
5.	Remarks	C	250	C
6.	Approved / Rejected By	C	15	M
7.	Approved / Rejected Date	D	-	M

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	VAD	Vessel Approval Details	M	1
7	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 VRD (Voyage Details)~~~~—— Description: This segment includes the following fields:~~

- ~~1. IMO Number~~
- ~~2. Agency Code~~
- ~~3. Port Code~~
- ~~4. Status~~
- ~~5. Remarks~~
- ~~6. Approved / Rejected By~~
- ~~7. Approved / Rejected Date~~

~~0050 UNT (Message Trailer)~~~~—— Description: This segment includes the following fields:~~

- ~~1. Document Created Date and Time (DDMMYYYYHHMMSS)~~

2.2.4 SAMPLE TEXT FILE

```

UNH^|VPAPPR^|VESSELPROFILEAPPROVAL^|123456789^|2007080100010185^|9^|SEND11
+
RPD^|REC001^|REC002
NPD^|NOT001^|NOT002
VAD^|IMONUM001^|AGENCYCODE15^|POTCOD^|A^|REMARKS^|APPROVEDBY^|27062
007
UNTA^|27062007234529

```

2.2.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<VesselApproval>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>VPAPPR</DocumentType>
      <DocumentName>VESSELPROFILEAPPROVAL</DocumentName>
      <DocumentNumber>123456789</DocumentNumber>
      <CommonRefNumber>2007080100010185</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SEND111</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>REC001</ReceivingParty>
        <ReceivingParty>REC002</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOT001</NotifyParty>
        <NotifyParty>NOT002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <VesselApprovalDetails>
      <IMONumber>IMONUM001</IMONumber>
      <AgencyCode>AGENCYCODE15</AgencyCode>
      <Portcode>POTCOD</Portcode>
      <Status>A</Status>
      <Remarks>REMARKS</Remarks>
      <ApprOrRejectedBy>APPROVEDBY</ApprOrRejectedBy>
      <ApprOrRejectedDate>27062007</ApprOrRejectedDate>
    </VesselApprovalDetails>
  </DocumentDetails>
  <DocumentSummary>
    <IssuedDateTime>27062007234529</IssuedDateTime>
  </DocumentSummary>
</VesselApproval>

```

2.3 VOYAGE REGISTRATION

Document Name: Voyage Registration

Document Type: CALINF

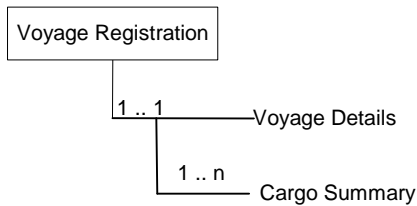
Document Id: VES002

Document Flow: Shipping Line/Shipping Agent → Port

UN/EDIFACT ID: CALINF

Voyage Registration will act as a notice from a Shipping Agent (SA) to a Port providing information concerning the expected arrival of a vessel and the expected cargo operations. Against this request, Port will provide VCN (Vessel Call Number), a unique identification number for the voyage to port.

2.3.1 DOCUMENT STRUCTURE



2.3.2 DOCUMENT DETAILS

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Voyage Number	C	10	M
3.	IMO Number	C	10	M
4.	Type of Vessel	C	8	M
5.	Call Sign	C	10	M
6.	Shipping Agent code	C	16	M
7.	Line / MLO Code	C	16	M
8.	Terminal Operator Code/Dock Code	C	15	M
9.	Port Code (Calling Port) (UNLOCODE)	C	6	M
10.	Expected Date and Time of Arrival	D	-	M
11.	Expected Date and Time of departure	D	-	M
12.	Service Name (to identify route of Vessel)	C	10	C
13.	Original Port of Departure (UNLOCODE)	C	6	M
14.	Last Port of Call	C	6	M
15.	Expected Draft(Meter)	N	5.2	M
16.	Purpose of Visit (UN/EDIFACT Segment – 8025 Conveyance call purpose description code)	C	3	M

17.	Total Number of 20 feet Container(Import) Number of TEUS	N	5	C
18.	Total Number of 40 & Above(Import) Number of 20 Feet Container	N	5	C
19.	Total Number of 20 feet Container(Export) Number of 40 Feet Container	N	5	C
20.	Total Number of 40 & Above(Export) Number of Other Container	N	5	C
21.	Total Container Tonnage	N	10	C
22.	Cargo description (Other than Container)	C	250	C
23.	Cargo Tonnage (Other than Container)	N	11.2	C
24.	Voyage Type (Liner/Charter/Tramp)	C	3	C
25.	Ship Operation Type	C	3	C
26.	Deck cargo (Tonnage)	N	6.2	C
27.	Status (Foreign/Coastal)	C	3	M
28.	In Ballast/With Cargo(B/C)	C	1	C
29.	Trade Change(Coastal – Voyage)	C	10	C
30.	Berthing (Priority, Ousting/Window) (UN/EDIFACT Segment 4037 Priority description code)	C	3	C
31.	Berth Type	C	4	C
32.	Name of Charterer	C	35	C
33.	Oil Cess Paid (Y/N)	C	1	C
34.	Oil Cess Paid date	D	-	C
35.	Oil Cess Validity Date	D	-	C
36.	Port where Oil Cess paid	C	6	C
37.	Willingness to double banking (Y/N)	C	1	C
38.	No of fenders	N	2	C
39.	Dumb Vessel with Barge/Tug(Y/N)	C	1	M
40.	\$ Barge/Tug IMO Number	C	10	C
41.	\$ Record Type	C	1	M
42.	\$ Type of Cargo (UN/EDIFACT Segment 7085 Cargo type classification code)	C	3	M
43.	\$ IE Code	C	16	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	VRD	Voyage Details	M	1
5	DVL	Dumb Vessel	C	n
6	CSD	Cargo Summary	M	n
7	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 VRD (Voyage Details)

Description: This segment includes the following fields:

1. Record Type
2. Voyage Number
3. IMO Number
4. Type of Vessel
5. Call Sign
6. Shipping Agent code
7. Line/MLO Code
8. Dock Code
9. Port Code
10. Expected Date and Time of Arrival
11. Expected Date and Time of departure
12. Service Name
13. Original Port of Departure
14. Last Port of Call
15. Expected Draft(Meter)
16. Purpose of Visit
17. Total Number of 20 feet container (Import) Number of TEUS
18. Total Number of 40 & Above(Import) Number of 20 Feet Container
19. Total Number of 20 feet container (Export) Number of 40 Feet Container
20. Total Number of 40 & Above (Export) Number of Other Container
21. Total Container Tonnage
22. Cargo description
23. Cargo Tonnage
24. Voyage Type
25. Operation Type
26. Deck cargo
27. Status
28. In Ballast/With Cargo
29. Trade Change
30. Berthing

31. Berth Type
32. Name of Charterer
33. Oil Cess Paid
34. Oil Cess Paid date
35. Oil Cess Validity Date
36. Port where Oil Cess paid
37. Willingness to double banking
38. No of fenders
39. DumbVesselWithBarge/Tug

0050 DVL (Dumb Vessel)

Description: This segment includes the following fields:

1. Bug Tug ImoNumber

0050 CSD (Cargo Summary)

Description: This segment includes the following fields:

1. Record Type
2. Type of Cargo
3. IE Code

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^JCALINF^JVOYAGEREGISTRATION^J40080515000001^JPCS4008051000001^J9^JDER201
RPD^JRECP401^JRECP402
NPD^JVNOTIFIER01^JVNOTIFIER02
VRD^JA^JVOYNUM0004^JIMONO00004^JVESL0004^JVESSEL0004^JSACODE0001^JMLOCODE001^JDO
CKCODE01^JPOCODE^J23052007:12:10^J24052007:10:23^JSERNAME001^JOPODEP^JLPOCAL^J47.04^
JPOV^J2001^J40001^J40002^J40003^J441643841^JCARGODESCRIPTION^J44387723.44^JVOT^JOPT^J64
4.44^JSTA^JB^JTRADECHG^JBER^JGCM^JNAMEOCHARTERER^JY^J27062007^J27062007^JPORT04^JY^
J44^JY
DVL^JIMO1
DVL^JIMO2
CSD^JA^JTOC^JIECODE
CSD^JA^JTOC^JIECODE
UNT^J27062007233423

```

2.3.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<VoyageRegistration>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>CALINF</DocumentType>
      <DocumentName>Voyage Registration</DocumentName>
      <CommonRefNumber>2306200800001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>sauser1</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>ptuser1</ReceivingParty>
      </ReceivingPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <VoyageDetails>
      <RecordType>A</RecordType>
      <VoyageNumber>String</VoyageNumber>
      <IMONumber>String</IMONumber>
      <TypeOfVessel>String</TypeOfVessel>
      <CallSign>String</CallSign>
      <SACode>String</SACode>
      <LineCode>String</LineCode>
      <DockORTOCode>String</DockORTOCode>
      <Portcode>String</Portcode>
      <EDTA>01011800:00:00</EDTA>
      <EDTD>01011800:00:00</EDTD>
      <ServiceName>String</ServiceName>
      <OriginalPortOfDep>String</OriginalPortOfDep>
      <LastPortOfCall>String</LastPortOfCall>
      <ExpectedDraftInMeter>999.99</ExpectedDraftInMeter>
    </VoyageDetails>
  </DocumentDetails>
</VoyageRegistration>

```

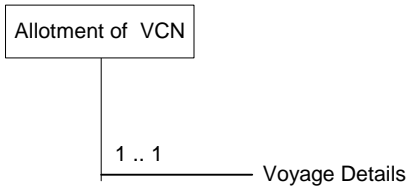
```
<PurposeOfvisit>Str</PurposeOfvisit>
<TotalNoOf20IMP>99999</TotalNoOf20IMP>
<TotalNoOf40IMP>99999</TotalNoOf40IMP>
<TotalNoOf20EXP>99999</TotalNoOf20EXP>
<TotalNoOf40EXP>99999</TotalNoOf40EXP>
<TotalContTonnage>9999999999</TotalContTonnage>
<CargoDesc>String</CargoDesc>
<OtherCargoTonnage>999999999.99</OtherCargoTonnage>
<VoyageType>Str</VoyageType>
<OperationType>Str</OperationType>
<DeckCargo>9999.99</DeckCargo>
<Status>Str</Status>
<BallastWithCargo>S</BallastWithCargo>
<TradeChange>String</TradeChange>
<Berthing>Str</Berthing>
<BerthType>Str</BerthType>
<CharterName>String</CharterName>
<CessPaid>Y</CessPaid>
<CessPaidDate>01011800</CessPaidDate>
<CessValidity>01011800</CessValidity>
<CessPaidAtPort>String</CessPaidAtPort>
<DoubleBankingWillingness>Y</DoubleBankingWillingness>
<NoofFenders>99</NoofFenders>
<DumbVesselBargeTug>Y</DumbVesselBargeTug>
<DumbVessels>
  <BargeTugIMONumber>String</BargeTugIMONumber>
  <BargeTugIMONumber>String</BargeTugIMONumber>
</DumbVessels>
<CargoSummary>
  <CargoDetails>
    <RecordType>A</RecordType>
    <TypeOfCargo>Str</TypeOfCargo>
    <IECodeDetails>String</IECodeDetails>
  </CargoDetails>
  <CargoDetails>
    <RecordType>A</RecordType>
    <TypeOfCargo>Str</TypeOfCargo>
    <IECodeDetails>String</IECodeDetails>
  </CargoDetails>
</CargoSummary>
</VoyageDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</VoyageRegistration>
```


2.4 ALLOTMENT OF VCN

Document Name: Allotment of VCN
Document Type: CALINV
Document Id: PTSA001
Document Flow: Port → Shipping Line/Shipping Agent

On receipt of the Voyage Registration request, Port will generate a VCN (Vessel Call Number) according to their internal system procedures.

2.4.1 DOCUMENT STRUCTURE



2.4.2 DOCUMENT DETAILS

S. No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	IMO Number	C	10	M
4.	Call Sign	C	10	M
5.	Voyage Number	C	10	M
6.	Type of Vessel(UN/EDIFACT Segment 8179)	C	8	M
7.	Shipping Agent Code	C	16	M
8.	Line / MLO Code	C	16	M
9.	Terminal Operator Code/Dock Code	C	15	M
10.	Port Code (Calling Port)(UNLOCODE)	C	6	M
11.	Expected Date of Arrival	D	-	M
12.	Expected Date of departure	D	-	M
13.	Service Name	C	10	C
14.	Date of allotment	D	-	M

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	VRD	Voyage 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 ID

0040 VRD (Voyage Registration Details)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. Call Sign
4. IMO Number
5. Voyage Number
6. Type of Vessel
7. Shipping Agent Code
8. Line Code
9. Dock Code
10. Port Code
11. Expected Date of Arrival
12. Expected Date of Departure
13. Service Name
14. Date of Allotment

0050 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.4.4 SAMPLE TEXT FILE

```

UNH^]CALINV]ALLOTMENTOFVCN^]30060515000001^]PCS30060515000001^]9^]SENDER003
RPD^]RECP001^]RECP002
NPD^]NOTIFR001^]NOTIFR002
VRD^]A^]VCNNUMBER00101^]IMONUM0005^]VESC005^]VOYNUM0005^]TYP0FVES^]SAC005^]
005^]MAINLINEOCODE05^]TERMINALOCODE05^]PCODE5^]04052007^]28062007^]SERVNAME05^]25
052007
UNT^]27062007123422

```

2.4.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<VesselCallNumber>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>CALINV</DocumentType>
      <DocumentName>ALLOTMENTOFVCN</DocumentName>
      <DocumentNumber>30060515000001</DocumentNumber>

      <CommonRefNumber>PCS30060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER003</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP001</ReceivingParty>
        <ReceivingParty>RECP002</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFR001</NotifyParty>
        <NotifyParty>NOTIFR002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <VoyageDetails>
      <RecordType>A</RecordType>
      <VCN>VCNNUMBER00101</VCN>
      <IMONumber>IMONUM0005</IMONumber>
      <CallSign>VESC005</CallSign>
      <VoyageNumber>VOYNUM0005</VoyageNumber>
      <VesselType>TYP0FVES</VesselType>
      <SACode>SAC005</SACode>
      <LineCode>MAINLINEOCODE05</LineCode>
      <DockORTOCCode>TERMINALOCODE05</DockORTOCCode>
      <Portcode>PCODE5</Portcode>
      <EDTA>04052007</EDTA>
      <EDTD>28062007</EDTD>
    </VoyageDetails>
  </DocumentDetails>
</VesselCallNumber>

```

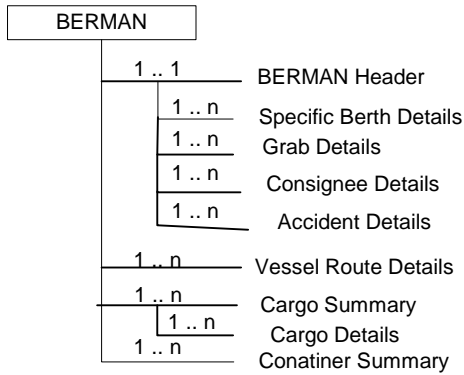
```
                <ServiceName>SERVNAME05</ServiceName>
                <AllotmentDate>25052007</AllotmentDate>
            </VoyageDetails>
        </DocumentDetails>
        <DocumentSummary>
            <IssuedDateTime>27062007123422</IssuedDateTime>
        </DocumentSummary>
    </VesselCallNumber>
```

2.5 BERTH MANAGEMENT

Document Name: Berth Management
Document Type: BERMAN
Document Id: SAPT004
Document Flow: Shipping Line/Shipping Agent → Port
UN/EDIFACT Id: BERMAN

The Shipping Agent sends the Berthing Application with expected arrival schedule confirming the ETA details and cargo details. In case of the hazardous cargo the special instructions for handling it is also submitted.

2.5.1 DOCUMENT STRUCTURE



2.5.2 DOCUMENT DETAILS

HEADER:

S.No.	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	Call Sign	C	10	M
4.	IMO Number	C	10	M
5.	Voyage Number	C	10	M
6.	Shipping Agent code	C	16	M
7.	Line / MLO Code	C	16	M
8.	Owner's Protecting Agent	C	35	C
9.	Type of Vessel	C	8	M
10.	IGM Number	N	7	C
11.	IGM Date	D	-	C
12.	Rotation Number	N	7	C

S.No.	Field name	Type	Length	Status
13.	Rotation Date	D	-	C
14.	Anchorage/Berth (A / B)	C	1	M
15. \$	Record Type	C	1	C
16. \$	Specific Berth/Berth	C	6	C
17. \$	Specific Side (S- Starboard , P – Port) (UN/EDIFACT Segment 7383 Surface or layer code)	C	3	C
18.	Expected Date and Time of Arrival	D	-	M
19.	Expected Date & Time of Berthing (EDB)	D	-	C
20.	Expected Date & time of Departure	D	-	M
21.	Name of Master	C	35	M
22.	Purpose of Visit /Docking	C	3	M
23.	Next Port of Call	C	6	M
24.	Destination Port	C	6	M
25.	Present Displacement	N	9.2	M
26.	Draft Fwd (meter)	N	4.2	M
27.	Draft Aft (meter)	N	4.2	M
28.	Free Board FWD at this Draft (meter)	N	4.2	C
29.	Free Board AFT at this Draft (meter)	N	4.2	C
30.	Free Board at Pilot embarkation point	N	3	C
31.	Indian Crew on Board	N	3	C
32.	Non-Indian Crew on Board	N	3	C
33.	Hazardous Cargo on Board (Y/N)	C	1	M
34.	Qty H.O.	N	6	C
35.	Qty of D.O	N	6	C
36.	Sludge Disposal (Y/N)	C	1	M
37.	Qty of Sludge / Dirty Oil	N	8.2	C
38.	Coming from Yellow fever Area (Y/N)	C	1	M
39.	Stowaway on Board (Y/N)	C	1	M
40.	Export Cargo Ready(Y/N)	C	1	M
41.	Double Banking Required (Y/N)	C	1	M
42.	Lighter-age Operation Required (Y/N)	C	1	M
43.	Floating Crane Required (Y/N)	C	1	M
44.	Shore Crane Required(Y/N)	C	1	M
45.	Fresh Water Required (Y/N)	C	1	M
46.	Gas Free Certification Attached (Y/N)	C	1	M
47.	Mode of Payment (Proprietary)	C	3	M
48.	Undertaking w.r.t Service Charges/ Cleaning Charges of Port after sailing of Vessel (Y/N)	C	1	M
49.	Reason of Re-enter (Proprietary)	C	250	C
50.	Remark / Special Requirement	C	250	C
51.	ISPS Level (1 or 2 or 3) (Proprietary)	C	1	M
52.	Previous Port ISPS Security Level (1 or 2 or 3) (Proprietary)	C	1	M
53.	Person Rescued from sea on Board	N	4	C
54.	Cargo rescued from sea on Board (No. of Unit)	N	8	C

S.No.	Field name	Type	Length	Status
55.	Air Draft	N	4.2	C
56.	Sailing Draft FWD	N	4.2	C
57.	Sailing Draft AFT	N	4.2	C
58.	No. of Manifold	N	2	C
59.	Size of Manifold	N	2	C
60.	Type of Propeller (VPP- Variable Pitch Propeller/Fixed) (Proprietary)	C	3	C
61.	Radar Operational (Y/N)	C	1	C
62.	No of Radars	N	2	C
63.	ALS Operational (Y/N)	C	1	C
64.	GYRO Operational (Y/N)	C	1	C
65.	Combination Ladder (Y/N)	C	1	C
66.	No of Shacklers – Ports Side Anchor Chain	N	3	C
67.	No of Shacklers – Starboard Side Anchor Chain	N	3	C
68.	Anchor Seaworthy (Y/N)	C	1	C
69.	Health Clearance (Y/N)	C	1	C
70.	Number of Fenders	N	3	C
71.	Number of Grabs	N	2	C
72.	Bank MICR Code	C	9	C
73.	Bank Account Number	C	20	C
74. \$	Record Type	C	1	C
75. \$	Record Number	N	2	C
76. \$	Capacity of each Grab	N	8.2	C
77. \$	Record Type	C	1	C
78. \$	CHA/Handling Agent Code (Stevedore)	C	16	C
79. \$	IE Code	C	16	C
80. \$	Advance Charges Amount	N	8	C
81. \$	Receipt Number (Advance Charges)	C	25	C
82. \$	Date of Receipt (Advance Charges)	D	-	C
83.	Vessel met with an accident? (Y/N)	C	1	C
84. \$	Record Type	C	1	M
85. \$	Record Number	N	6	M
86. \$	Date and Time of accident	D	-	M
87. \$	Details of accident	C	250	M
88. \$	Name of party responsible for wreckage removal	C	35	M
89. \$	Code of port at which vessel last inspected	C	6	M

Note: Field no. 72, 73 and 74 (Grab Capacity Details) repeats as one group and fields 75, 76, 77, 78, 79 and 80 repeats as one group (Consignee List) and fields 82, 83, 84, 85, 86, 87 will repeat as one group.

VESSEL ROUTE DETAILS:

S. No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	Actual Visit Sequence number	N	2	C
4.	Port Code	C	6	C

CARGO DETAILS:

S. No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	Call Sign	C	10	M
4.	IMO Number	C	10	M
5.	Voyage Number	C	10	M
6.	Import/ Export/ Transshipment Flag/Same Bottom	C	3	M
7.	Cargo Description	C	250	C
8.	Total Cargo Tonnage	N	11.2	C
9.	Agent Code	C	16	C
10.	Country of Origin of Cargo	C	2	C
11.	Transshipment Port	C	6	C
12.	Destination of Cargo	C	6	C
13.	Type of Cargo (Break Bulk, Gen. Bulk, Oil Bulk) * (7085)	C	3	C
14. \$	Record Type	C	1	M
15. \$	Cargo Tonnage	N	11.2	C
16. \$	HS Code	C	10	C
17. \$	ITHS / Cargo Description	C	250	C

CONTAINER DETAIL:

S.No	Field Name	Type	Length	Status
1.	Record Type	C	1	C
2.	VCN	C	14	C
3.	Call Sign/Vessel Code	C	10	C
4.	IMO Number	C	10	C
5.	Voyage Number	C	10	C
6.	Import/ Export/ Transshipment Flag/Same Bottom * (8249)	C	3	C
7.	Container Agent Code	C	16	C
8.	Country of Origin of Container	C	2	C
9.	Transshipment Port	C	6	C
10.	Destination of Container	C	6	C
11.	Type of Cargo (Container) *	C	3	C
12.	Number of TEUS	N	5	C
13.	Number of 20 Feet loaded Container	N	5	C
14.	Number of 40 Feet loaded Container	N	5	C
15.	Number of Other loaded Container	N	5	C
16.	Number of 20 Feet empty Container	N	5	C
17.	Number of 40 Feet empty Container	N	5	C
18.	Number of Other empty Container	N	5	C
19.	Total Container Tonnage	N	10	C

2.5.3 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.	BMH	BERMAN Header	M	1
5.	BDT	Berth Details	C	N
6.	VRD	Voyage Details	M	1
7.	GCD	Grab Capacity Details	C	N
8.	COL	Consignee List	C	N
9.	ACD	Accident Data	C	N
10.	RDT	Vessel Route Details	C	N
11.	CDH	Cargo Summary	C	N
12.	CDT	Cargo Details	C	N
13.	CSD	Container Summary	C	N
14.	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 BMH (BERMAN Header)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. Call Sign/Vessel Code
4. IMO Number
5. Voyage Number
6. Shipping Agent code
7. Line / MLO Code
8. Owner's Protecting Agent
9. Type of Vessel

10. IGM Number
11. IGM Date
12. Rotation Number
13. Rotation Date
14. Anchorage/Birth

0050 BDT (Berth Details)

Description: This segment includes the following fields:

1. Record Type
2. Specific Berth /Berth
3. Specific Side

0060 VRD (Voyage Registration Details)

Description: This segment includes the following fields:

1. Expected Date and Time of Arrival
2. Expected Date & Time of Berthing
3. Expected Date & time of Departure
4. Name of Master
5. Purpose of Visit
6. Next Port of Call
7. Destination Port
8. Present Displacement
9. Draft Fwd
10. Draft Aft
11. Free Board FWD at this Draft
12. Free Board AFT at this Draft
13. Free Board at Pilot embarkation
14. Indian Crew on Board
15. Non-Indian Crew on Board
16. Hazardous Cargo on Board
17. Qty H.O.
18. Qty Of D.O
19. Sludge Disposal
20. Qty Of Sludge/Dirty Oil
21. Coming from Yellow fever Area
22. Stowaway on Board
23. Export Cargo Ready
24. Double Banking Required
25. Lighter-age Operation Required
26. Floating Crane Required
27. Shore Crane Required
28. Fresh Water Required
29. Gas Free Certification Attached
30. Mode of Payment
31. Undertaking of Service charges
32. Reason of Re-enter
33. Remark / Special Requirement
34. ISPS Level
35. Previous Port ISPS Security Level
36. Person Rescued from sea on Board
37. Cargo rescued from sea on Board
38. Air Draft

39. Sailing Draught FWD
40. Sailing Draught AFT
41. No. of Manifold
42. Size of Manifold
43. Type of Propeller
44. Radar Operational
45. No of Radars
46. AIS Operational
47. GYRO Operational
48. Combination Ladder
49. No of Shacklers – Ports Side Anchor Chain
50. Starboard Side Anchor Chain
51. Anchor Seaworthy
52. Health Clearance
53. Number of Fenders
54. Number of Grabs
55. Bank MICR Code
56. Bank Account Number
57. Vessel Met With an Accident

0070 GCD (Grab Capacity Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Grab Capacity

0080 COL (Consignee List)

Description: This segment includes the following fields:

1. Record Type
2. Handling Agent Code
3. IE Code
4. Advance Charges Amount
5. Receipt Number
6. Date of Receipt

0090 ACD (Accident Data)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Date and Time of Accident
4. Accident Details
5. Wreckage Removal Party Name
6. Last Inspected Vessel Port Code

-
- 0100 RDT (Vessel Route Detail)
Description: This segment includes the following fields:
1. Record Type
 2. VCN
 3. Visit Sequence Number
 4. Port Code
- 0110 CDH (Cargo Summary)
Description: This segment includes the following fields:
1. Record Type
 2. VCN
 3. Call Sign
 4. IMO Number
 5. Voyage Number
 6. Equipment Status
 7. Cargo Description
 8. Total Cargo Tonnage
 9. Agent Code
 10. Cargo Origin Country
 11. Transshipment Port
 12. Destination of Cargo
 13. Type of Cargo
- 0120 CDT (Cargo Detail)
Description: This segment includes the following fields:
1. Record Type
 2. Cargo Tonnage
 3. HS Code
 4. ITHS/Cargo Description
- 0130 CSD (Container Summary)
Description: This segment includes the following fields:
1. Record Type
 2. VCN
 3. Call Sign
 4. IMO Number
 5. Voyage Number
 6. Equipment Status Code
 7. Container Agent Code
 8. Container Origin Country
 9. Transshipment port
 10. Destination Container
 11. Type of Cargo
 12. Number of TEUS
 13. Number of 20ft Loaded Container
 14. Number of 40ft Loaded Container
 15. Number of other Loaded Container
 16. Number of 20ft Empty Container
-

- 17. Number of 40ft Empty Container
- 18. Number of other Empty Container
- 19. Total Container Tonnage

0140 UNT (Message Trailer)

Description: This segment includes the following fields:

- 1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.5.4 SAMPLE TEXT FILE

```

UNH^JBERMAN^JBERTHMANAGEMENT^J40060515000001^JPCS40060515000001^J9^JSENDER004
RPD^JRECP041^JRECP042
NPD^JNOTIFR001^JNOTIFR002
BMH^JA^JVCNNUM001^JVESCODE004^JIMONUMBER4^JVOYAGENO04^JSHIPPINGACODE044^JMAINL
INEOCODE044^JOWNERPROTECTAGENT^JTPOVES04^J4400444^J04052007^J4400774^J04062007^JA
BDT^JA^JSBD01^JS
BDT^JA^JSBD02^JP
VRD^J04052007:12:55^J28052007:11:44^J04062007:11:45^JNAMEOFMASTER^JPOV^JNPCODE^JDESTP
O^J447669.99^J41^J44^J43^J40^J441^J442^J443^JY^J440041^J440042^JY^J44441.41^JY^JY^JY^JY^JY^
JY^JY^JMOP^JY^JREASONFORREENTER^JREMARKORSPECIALREQUIERMENT^J2^J1^J4441^J4440004
1^J41^J42^J43^J41^J42^JVPP^JY^J04^JY^JY^JY^J401^J501^JY^JY^J044^J41^J1234567^J1232332^JY
GCD^JA^J1^J44001.01
GCD^JA^J2^J44001.01
COL^JA^JHANAGTCODE1^JIECODE4400440011^J00004001^JRECEIPTNUMBER0001^J05052007
COL^JA^JHANAGTCODE2^JIECODE4400440022^J00004002^JRECEIPTNUMBER0002^J06052007
ACD^JA^J1^J27062007:10:45^JDUETOUNHANDLEDHEAVYLOAD^JCONTAINFREIGHTSTATION^JCOPIO
4
ACD^JA^J2^J27062007:10:23^JDUETOUNHANDLEDHEAVYLOAD^JCONTAINFREIGHTSTATION^JCOPIO
4
RDT^JA^JVCNNUM001^J12^JPOTCOD
RDT^JA^JVCNNUM001^J13^JPOTCOD
CDH^JA^JVCNNUM001^JCALLSIGN01^JIMONUMBER1^JVOYANUM001^JJET^JCARGODESC^J44414241.
01^JAGENTCODE0004011^JCC^JTSPTSPORT^JDESTOC^JTOC
CDT^JA^J12345678.76^JHSCODE^JCARGODESC
CDT^JA^J12345456.36^JHSCODE^JCARGODESC
CDH^JA^JVCNNUM001^JCALLSIGN01^JIMONUMBER1^JVOYANUM001^JJET^JCARGODESC^J44414241.
01^JAGENTCODE0004012^JCC^JTSPTSPORT^JDESTOC^JTOC
CDT^JA^J12345678.76^JHSCODE^JCARGODESC
CDT^JA^J12345456.36^JHSCODE^JCARGODESC
CSD^JA^JVCNNUM002^JVESCODE001^JIMONUMB001^JVOYAGENO01^JJET^JCONTAGENTCODE011^J
N^JTRPO01^JDOC001^JTC1^J41201^J42201^J43201^J44201^J45201^J46201^J47201^J0048400201
CSD^JA^JVCNNUM001^JVESCODE002^JIMONUMB002^JVOYAGENO02^JJET^JCONTAGENTCODE022^J
N^JTRPO02^JDOC002^JTC2^J41202^J42202^J43202^J44202^J45202^J46202^J47202^J0048400202
UNT^J13081976223455

```

2.5.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<BerthManagement>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>BERMAN</DocumentType>
      <DocumentName>BERTHMANAGEMENT</DocumentName>
      <DocumentNumber>40060515000001</DocumentNumber>

    <CommonRefNumber>PCS40060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER004</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP041</ReceivingParty>
        <ReceivingParty>RECP042</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFR001</NotifyParty>
        <NotifyParty>NOTIFR002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <BERMANHeader>
      <RecordType>A</RecordType>
      <VCN>VCNNUM001</VCN>
      <CallSign>VESCODE004</CallSign>
      <IMONumber>IMONUMBER4</IMONumber>
      <VoyageNumber>VOYAGENO04</VoyageNumber>
      <SACode>SHIPPINGACODE044</SACode>
      <LineCode>MAINLINEOCODE044</LineCode>

    <OwnerProtectAgent>OWNERPROTECTAGENT</OwnerProtectAgent>
      <VesselType>TPOVES04</VesselType>
      <IGMNumber>4400444</IGMNumber>
      <IGMDate>04052007</IGMDate>
      <RotationNumber>4400774</RotationNumber>
      <RotationNumberDate>04062007</RotationNumberDate>
      <Anchorage>A</Anchorage>
      <SpecificBerthDetails>
        <BerthDetails>
          <RecordType>A</RecordType>
          <SpecificBerthOrBerth >SBD01</
SpecificBerthOrBerth >
          <Side>S</Side>
        </BerthDetails>
      </SpecificBerthDetails>
    </DocumentDetails>
  </BerthManagement>

```

```

                                <RecordType>A</RecordType>
                                < SpecificBerthOrBerth >SBD02</
SpecificBerthOrBerth >
                                <Side>P</Side>
                                </BerthDetails>
                                </SpecificBerthDetails>
                                <ETA>04052007:12:55</ETA>
                                <EDB>28052007:11:44</EDB>
                                <EDTD>04062007:11:45</EDTD>
                                <MasterName>NAMEOFMASTER</MasterName>
                                <PurposeOfvisit>POV</PurposeOfvisit>
                                <NextPortOfCall>NPCODE</NextPortOfCall>
                                <DestinationPortI>DESTPO</DestinationPortI>
                                <PresentDisplacement>447669.99</PresentDisplacement>
                                <DraftFwd>41</DraftFwd>
                                <DraftAft>44</DraftAft>
                                <FreeBoardFWDAtThisDraft>43</FreeBoardFWDAtThisDraft>
                                <FreeBoardAFTAtThisDraft>40</FreeBoardAFTAtThisDraft>

                                <FreeBoardAtPilotEmbarkationPoint>441</FreeBoardAtPilotEmbarkationPoint>
                                <IndCrewOnBoard>442</IndCrewOnBoard>
                                <NonIndCrewOnBoard>443</NonIndCrewOnBoard>
                                <HazCargoOnBoard>Y</HazCargoOnBoard>
                                <QtyHO>440041</QtyHO>
                                <QtyDO>440042</QtyDO>
                                <SludgeDisposal>Y</SludgeDisposal>
                                <QtyOfSludge>44441.41</QtyOfSludge>
                                <YellowFeverArea>Y</YellowFeverArea>
                                <StowayOnBoard>Y</StowayOnBoard>
                                <ExportCargoReady>Y</ExportCargoReady>
                                <DoubleBankingRequired>Y</DoubleBankingRequired>
                                <LighterAgeOperRequired>Y</LighterAgeOperRequired>
                                <FloatingCraneRequired>Y</FloatingCraneRequired>
                                <ShoreCraneRequired>Y</ShoreCraneRequired>
                                <FreshWaterRequired>Y</FreshWaterRequired>
                                <GasFreeCertAttached>Y</GasFreeCertAttached>
                                <ModeOfPayment>MOP</ModeOfPayment>
                                <UndertakingOfServiceChrgs>Y</UndertakingOfServiceChrgs>
                                <ReEnterReason>REASONFORREENTER</ReEnterReason>
                                <Remarks>REMARKORSPECIALREQUIERMENT</Remarks>
                                <ISPSLevel>2</ISPSLevel>
                                <PreviousPortISPSLevel>1</PreviousPortISPSLevel>

                                <PersonRescuedFrmSeaOnBoard>4441</PersonRescuedFrmSeaOnBoard>

                                <CargoRescuedFrmSeaOnBoard>44400041</CargoRescuedFrmSeaOnBoard>
                                <AirDraft>41</AirDraft>
                                <SailingDraftFwd>42</SailingDraftFwd>
                                <SailingDraftAft>43</SailingDraftAft>
                                <NoOfManifold>41</NoOfManifold>
                                <SizeOfManifold>42</SizeOfManifold>
                                <PropellerType>VPP</PropellerType>

```



```

<RadarOperational>Y</RadarOperational>
<NoOfRadars>04</NoOfRadars>
<AISOperational>Y</AISOperational>
<GYROOperational>Y</GYROOperational>
<CombinationLaddar>Y</CombinationLaddar>
<PortSideAnchorChain>401</PortSideAnchorChain>
<StarboardSideAnchorChain>501</StarboardSideAnchorChain>
<AnchorSeaWorthy>Y</AnchorSeaWorthy>
<HealthClearance>Y</HealthClearance>
<NumberOfFenders>044</NumberOfFenders>
<NumberOfGrabs>41</NumberOfGrabs>
<BankMICRCode>1212</BankMICRCode>
<BankAccountNumber>32323</BankAccountNumber>
<GrabCapacitySummary>
  <GrabCapacityDetails>
    <RecordType>A</RecordType>
    <RecordNumber>1</RecordNumber>
    <GrabCapacity>44001.01</GrabCapacity>
  </GrabCapacityDetails>
  <GrabCapacityDetails>
    <RecordType>A</RecordType>
    <RecordNumber>2</RecordNumber>
    <GrabCapacity>44002.01</GrabCapacity>
  </GrabCapacityDetails>
</GrabCapacitySummary>
<ConsigneeList>
  <Consignee>
    <RecordType>A</RecordType>
    <HandlingAgentCode>HANAGTCODEHANA12
  </HandlingAgentCode>
    <IECode>IECODE4400440011</IECode>
  </Consignee>
  <Consignee>
    <RecordType>A</RecordType>
    <HandlingAgentCode> HANAGTCODEHANA13
  </HandlingAgentCode>
    <IECode>IECODE4400440022</IECode>
  </Consignee>
</ConsigneeList>
<AdvanceChargesAmount>00004001</AdvanceChargesAmount>
  <ReceiptNumber>RECEIPTNUMBER0001</ReceiptNumber>
  <DateOfReceipt>05052007</DateOfReceipt>
</Consignee>
<Consignee>
  <RecordType>A</RecordType>
  <HandlingAgentCode> HANAGTCODEHANA13
</HandlingAgentCode>
  <IECode>IECODE4400440022</IECode>
</Consignee>
<AdvanceChargesAmount>00004002</AdvanceChargesAmount>
  <ReceiptNumber>RECEIPTNUMBER0002</ReceiptNumber>
  <DateOfReceipt>06052007</DateOfReceipt>
</Consignee>
</ConsigneeList>
<VesselMetWithAnAccident>Y</VesselMetWithAnAccident>
<AccidentDetails>
  <Accident>

```

```

                <RecordType>A</RecordType>
                <RecordNumber>1</RecordNumber>

<DateandTimeAccident>27062007:10:45</DateandTimeAccident>

<AccidentDetails>DUETOUNHANDLEDHEAVYLOAD</AccidentDetails>

<WreckageRemovalPartyName>CONTAINFREIGHTSTATION</WreckageRemovalPartyName>
        <LastInspectedVesselPortCode>COPI04</LastInspectedVesselPortCode>
                </Accident>
        <Accident>
                <RecordType>A</RecordType>
                <RecordNumber>2</RecordNumber>

        <DateandTimeAccident>27062007:10:23</DateandTimeAccident>

        <AccidentDetails>DUETOUNHANDLEDHEAVYLOAD</AccidentDetails>

        <WreckageRemovalPartyName>CONTAINFREIGHTSTATION</WreckageRemovalPartyName>

        <LastInspectedVesselPortCode>COPI04</LastInspectedVesselPortCode>
                </Accident>
        </AccidentDetails>
</BERMANHeader>
<VesselRouteDetails>
        <Route>
                <RecordType>A</RecordType>
                <VCN>VCNNUM001</VCN>
                <VisitSeqNumber>12</VisitSeqNumber>
                <Portcode>POTCOD</Portcode>
        </Route>
        <Route>
                <RecordType>A</RecordType>
                <VCN>VCNNUM001</VCN>
                <VisitSeqNumber>13</VisitSeqNumber>
                <Portcode>POTCOD</Portcode>
        </Route>
</VesselRouteDetails>
<CargoSummary>
        <CargoDetails>
                <RecordType>A</RecordType>
                <VCN>VCNNUM001</VCN>
                <CallSign>CALLSIGN01</CallSign>
                <IMONumber>IMONUMBER1</IMONumber>
                <VoyageNumber>VOYANUM001</VoyageNumber>
                <EquipmentStatus>IET</EquipmentStatus>
                <CargoDescription>CARGODESC</CargoDescription>
                <TotalCargoTonnage>44414241.01</TotalCargoTonnage>
                <AgentCode>AGENTCODE0004011</AgentCode>
                <CargoOriginCountry>CC</CargoOriginCountry>

```

```

        <TranshipmentPort>TSPORT</TranshipmentPort>
        <DestinationOfCargo>DESTOC</DestinationOfCargo>
        <TypeOfCargo>TOC</TypeOfCargo>
        <CargoItems>
            <Item>
                <RecordType>A</RecordType>

<CargoTonnage>12345678.76</CargoTonnage>
                <HSCode>HSCODE</HSCode>

<ITHSCargoDescription>CARGODESC</ITHSCargoDescription>
            </Item>
            <Item>
                <RecordType>A</RecordType>

<CargoTonnage>12345456.36</CargoTonnage>
                <HSCode>HSCODE</HSCode>

<ITHSCargoDescription>CARGODESC</ITHSCargoDescription>
            </Item>
        </CargoItems>
    </CargoDetails>
    <CargoDetails>
        <RecordType>A</RecordType>
        <VCN>VCNUM001</VCN>
        <CallSign>CALLSIGN01</CallSign>
        <IMONumber>IMONUMBER1</IMONumber>
        <VoyageNumber>VOYANUM001</VoyageNumber>
        <EquipmentStatus>IET</EquipmentStatus>
        <CargoDescription>CARGODESC</CargoDescription>
        <TotalCargoTonnage>44414241.01</TotalCargoTonnage>
        <AgentCode>AGENTCODE0004011</AgentCode>
        <CargoOriginCountry>CC</CargoOriginCountry>
        <TranshipmentPort>TSPORT</TranshipmentPort>
        <DestinationOfCargo>DESTOC</DestinationOfCargo>
        <TypeOfCargo>TOC</TypeOfCargo>
        <CargoItems>
            <Item>
                <RecordType>A</RecordType>

<CargoTonnage>12345678.76</CargoTonnage>
                <HSCode>HSCODE</HSCode>

<ITHSCargoDescription>CARGODESC</ITHSCargoDescription>
            </Item>
            <Item>
                <RecordType>A</RecordType>

<CargoTonnage>12345456.36</CargoTonnage>
                <HSCode>HSCODE</HSCode>

<ITHSCargoDescription>CARGODESC</ITHSCargoDescription>
    
```

```

                </Item>
            </CargoItems>
        </CargoDetails>
    </CargoSummary>
    <ContainersSummary>
        <ContainerDetails>
    <RecordType>A</RecordType>
        <VCN>VCNNUM001</VCN>
        <CallSign>VESCODE001</CallSign>
        <IMONumber>IMONUMB001</IMONumber>
        <VoyageNumber>VOYAGENO01</VoyageNumber>
        <EquipmentStatus>IET</EquipmentStatus>

    <ContainerAgentCode>CONTAGENTCODE011</ContainerAgentCode>
        <ContainerOriginCountry>IN</ContainerOriginCountry>
        <TranshipmentPort>TRPO01</TranshipmentPort>
        <DestinationContainer>DOC001</DestinationContainer>
        <TypeOfCargo>TC1</TypeOfCargo>
        <NoOfTEUs>41201</NoOfTEUs>
        <NoOf20FtCont>42201</NoOf20FtCont>
        <NoOf40FtCont>43201</NoOf40FtCont>
        <NoOfOthCont>44201</NoOfOthCont>
        <NoOf20FtEmptyCont>45201</NoOf20FtEmptyCont>
        <NoOf40FtEmptyCont>46201</NoOf40FtEmptyCont>
        <NoOfOthEmptyCont>47201</NoOfOthEmptyCont>
        <TotalContTonnage>0048400201</TotalContTonnage>
    </ContainerDetails>
    <ContainerDetails>
        <RecordType>A</RecordType>
    <VCN>VCNNUM001</VCN>
        <CallSign>VESCODE002</CallSign>
        <IMONumber>IMONUMB002</IMONumber>
        <VoyageNumber>VOYAGENO02</VoyageNumber>
        <EquipmentStatus>IET</EquipmentStatus>

    <ContainerAgentCode>CONTAGENTCODE022</ContainerAgentCode>
        <ContainerOriginCountry>IN</ContainerOriginCountry>
        <TranshipmentPort>TRPO02</TranshipmentPort>
        <DestinationContainer>DOC002</DestinationContainer>
        <TypeOfCargo>TC2</TypeOfCargo>
        <NoOfTEUs>41202</NoOfTEUs>
        <NoOf20FtCont>42202</NoOf20FtCont>
        <NoOf40FtCont>43202</NoOf40FtCont>
        <NoOfOthCont>44202</NoOfOthCont>
        <NoOf20FtEmptyCont>45202</NoOf20FtEmptyCont>
        <NoOf40FtEmptyCont>46202</NoOf40FtEmptyCont>
        <NoOfOthEmptyCont>47202</NoOfOthEmptyCont>
        <TotalContTonnage>0048400202</TotalContTonnage>
    </ContainerDetails>
    </ContainersSummary>
</DocumentDetails>
<DocumentSummary>

```

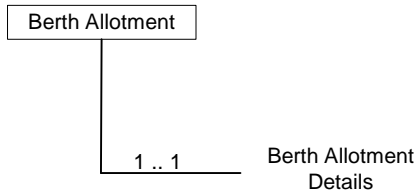
```
        <IssuedDateTime>13081976223455</IssuedDateTime>  
    </DocumentSummary>  
</BerthManagement>
```

2.6 BERTH ALLOCATION

Document Name: Berth Allocation
Document Type: BERALT
Document Id: PTSA004
Document Flow: Port → Shipping Line/Shipping Agent

The Port sends the tentative Berthing allotment details to Shipping Agent / Shipping Line as an acknowledgement message to Berthing Application.

2.6.1 DOCUMENT STRUCTURE



2.6.2 DOCUMENT DETAILS

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	IMO Number	C	10	M
4.	Call Sign	C	10	M
5.	Voyage Number	C	10	M
6.	Shipping Agent Code	C	16	M
7.	Line / MLO Code	C	16	M
8.	Terminal Operator Code/Dock Code	C	15	M
9. \$	Allocated Berth Code	C	6	M
10.	Side (Port or Star Boat)	C	10	
11.	Date and Time of allotment	D	-	M
12.	Reason for Change of Berth	C	100	C
13.	Tentative(T)/Final(F)	C	1	C

2.6.3 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	BLT	Berth Allotment Detail	M	1
5	BCD	Berth Code Detail	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 BLT (Berth Allotment Detail)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. IMO Number
4. Call Sign
5. Voyage Number
6. SA Code
7. SL / MLO code
8. TO / Dock code
9. Allocated Berth Code
10. Side (Port / Star Boat)
11. Date of Allotment
12. Reason for Change of Berth
13. Tentative(T)/Final(F)

0050 BCD (Berth Code Detail)

Description: This segment includes the following fields:

1. Allocated Berth Code

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.6.4 SAMPLE TEXT FILE

```
UNH^]BERALT^]Berth allotment^]123456^]PCS23456^]9^]SEND123
RPD^]RECV001^]RECV002
NPD^]NOTY001^]NOTY002
BLT^]N^]123456^]IMO981^]9WASGF^]657890^]SA001^]LINE001^]ABCDEF^]P^]12022006^]Reason^]F
BCD^]1807
BCD^]1808
UNT^]18072007181445
```

2.6.5 SAMPLE XML FILE

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSPY v5 rel. 4 U (http://www.xmlspy.com)-->
<BerthAllotment >
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>BERLAT</DocumentType>
      <DocumentName>Berth Allotment</DocumentName>
      <DocumentNumber>1212121</DocumentNumber>
      <CommonRefNumber>2306200800045</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>ptuser10</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>sauser10</ReceivingParty>
      </ReceivingPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <BerthAllotmentDetails>
      <RecordType>A</RecordType>
      <VCN>String</VCN>
      <IMONumber>String</IMONumber>
      <CallSign>String</CallSign>
      <VoyageNumber>String</VoyageNumber>
      <SACode>String</SACode>
      <LineCode>String</LineCode>
      <DockORTOCode>String</DockORTOCode>
      <BerthCodes>
        <Berthcode>String</Berthcode>
        <Berthcode>String</Berthcode>
      </BerthCodes>
    </BerthAllotmentDetails>
  </DocumentDetails>
</BerthAllotment >
```



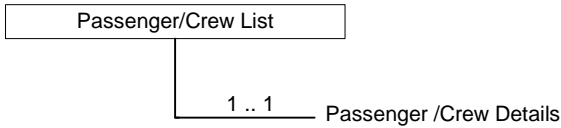
```
</BerthCodes>
  <Side>String</Side>
  <AllotmentDateTime>01011800:00:00</AllotmentDateTime>
    <ReasonforChangeofBerth>String</ReasonforChangeofBerth>
    <TentativeorFinal>F</TentativeorFinal>
  </BerthAllotmentDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>01011800000000</IssuedDateTime>
</DocumentSummary>
</BerthAllotment>
```

2.7 PASSENGER / CREW LIST

Document Name: Passengers/Crew List
Document Type: PAXLST
Document Id: SAPT005
Document Flow: Shipping Line/ Shipping Agent → Port, Carrier, Customs, Immigration, PHO and other Designated Authorities
UN/EDIFACT Id: PAXLST

Passenger List is a message lists the passengers/crew data that is send from shipping Agent to Port, Customs, Immigration or other designated authority in the country of arrival.

2.7.1 DOCUMENT STRUCTURE



2.7.2 DOCUMENT DETAILS

HEADER

S. No	Field Name	Type	Length	Status
1.	VCN	C	14	M
2.	IMO Number	C	10	M
3.	Call Sign/Vessel Code	C	10	M
4.	Voyage Number	C	10	M

DETAILS

S. No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	Record Number	C	8	M
3.	Name of Passenger	C	35	M
4.	Passport Number	C	20	C
5.	Place of Issue	C	20	C
6.	Address1	C	35	M
7.	Address2	C	35	C
8.	City	C	20	M
9.	State	C	20	M
10.	Pin Code	N	10	C
11.	Country Code/ Nationality	C	2	M
12.	Port of Loading or Embarkation	C	6	C
13.	Port of Discharge or Dis-Embarkation	C	6	C
14.	Identification Mark	C	50	C
15.	VISA Number (In-bound)	C	10	C
16.	VISA Validity Date	D	-	C
17.	Whether Crew/Passenger * (3035)	C	3	M

2.7.3 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	VRD	Voyage Detail	M	1
5	VPD	Vessel Passenger Detail	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 VRD (Voyage Registration Detail)

Description: This segment includes the following fields:

1. VCN
2. IMO Number
3. Call Sign
4. Voyage Number

0050 VPD (Vessel Passenger Detail)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Passenger Name
4. Passport Number
5. Place of Issue
6. Address 1
7. Address 2
8. City

9. State
10. Pin Code
11. Nationality
12. Port of Loading/ Embarkation
13. Port of Discharge/ Disembarkation
14. Identification Marks
15. Visa Number
16. Visa Validity
17. Crew or Passenger

0070 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.7.4 SAMPLE TEXT FILE

```

UNH^PAXLST^PASSENGERLIST^5006051500001^PCS5006051500001^9^SENDER005
RPD^RECP00005^RECP006
NPD^PNOTIFIER001^PNOTIFIER002
VRD^VESSELCALLNO05^JMONUMB005^CALLSIGN05^VOYAGENO05
VPD^A^121211^NAMEOFPASSENGER001^PASSPORTNO5050505501^PLACEOFISS^ADD1^ADD
2^CITY^STATE^999999^IN^EMBRAK^DEEMB^IDMARK^VISA9876^25052007^PAS
VPD^A^1212123^NAMEOFPASSENGER002^PASSPORTNO5050505502^PLACEOFISS^ADD1^ADD
2^CITY^STATE^560017^IN^EMBRAK^DEEMB^IDMARK^VISA9876^25052007^PAS
UNT^27062007112233

```

2.7.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<CrewList>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>PAXLST</DocumentType>
      <DocumentName>PASSENGERLIST</DocumentName>
      <DocumentNumber>5006051500001</DocumentNumber>
    </DocumentReference>
    <CommonRefNumber>PCS5006051500001</CommonRefNumber>
    <MessageType>9</MessageType>
    <SenderID>SENDER005</SenderID>
  </DocumentHeader>
  <DocumentExchangeDetails>
    <ReceivingPartyDetails>
      <ReceivingParty>RECP00005</ReceivingParty>
      <ReceivingParty>RECP006</ReceivingParty>
    </ReceivingPartyDetails>
    <NotifyPartyDetails>
      <NotifyParty>NOTIFR001</NotifyParty>
      <NotifyParty>NOTIFR002</NotifyParty>
    </NotifyPartyDetails>
  </DocumentExchangeDetails>
</CrewList>

```

```
        </DocumentExchangeDetails>
    </DocumentHeader>
    <DocumentDetails>
        <VoyageDetails>
            <VCN>VESSELCALLNO05</VCN>
            <IMONumber>IMONUMB005</IMONumber>
            <CallSign>CALLSIGN05</CallSign>
            <VoyageNumber>VOYAGENO05</VoyageNumber>
        </VoyageDetails>
        <PassengerDetails>
            <Passenger>
                <RecordType>A</RecordType>
                <RecordNumber>121212</RecordNumber>

                <PassengerName>NAMEOFPASSENGER001</PassengerName>

                <PassportNumber>PASSPORTNO5050505501</PassportNumber>
                <PlaceOfIssue>PLACEOFISS</PlaceOfIssue>
                <Address1>ADD1</Address1>
                <Address2>ADD2</Address2>
                <City>CITY</City>
                <State>STATE</State>
                <PinCode>999999</PinCode>
                <Nationality>IN</Nationality>
                <POLorEmbarkation>EMBRAK</POLorEmbarkation>
                <PODorDisEmbarkation>DEEMB</PODorDisEmbarkation>
                <IdentificationMarks>IDMARK</IdentificationMarks>
                <VisaNumber>VISA9876</VisaNumber>
                <VisaValidity>25052007</VisaValidity>
                <CrewOrPassenger>PAS</CrewOrPassenger>
            </Passenger>
            <Passenger>
                <RecordType>A</RecordType>
                <RecordNumber>1212123</RecordNumber>

                <PassengerName>NAMEOFPASSENGER002</PassengerName>

                <PassportNumber>PASSPORTNO5050505502</PassportNumber>
                <PlaceOfIssue>PLACEOFISS</PlaceOfIssue>
                <Address1>ADD1</Address1>
                <Address2>ADD2</Address2>
                <City>CITY</City>
                <State>STATE</State>
                <PinCode>560017</PinCode>
                <Nationality>IN</Nationality>
                <POLorEmbarkation>EMBRAK</POLorEmbarkation>
                <PODorDisEmbarkation>DEEMB</PODorDisEmbarkation>
                <IdentificationMarks>IDMARK</IdentificationMarks>
                <VisaNumber>VISA9876</VisaNumber>
                <VisaValidity>25052007</VisaValidity>
                <CrewOrPassenger>PAS</CrewOrPassenger>
            </Passenger>
        </PassengerDetails>
    </DocumentDetails>
</Document>
```

```
                </Passenger>
            </PassengerDetails>
        </DocumentDetails>
    <DocumentSummary>
        <IssuedDateTime>27062007112233</IssuedDateTime>
    </DocumentSummary>
</CrewList>
```

2.8 BAY PLAN

Document Name: BayPlan

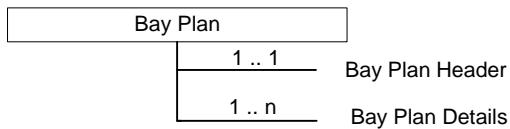
Document Type: BAPLIE

Document Id: SAPT006

Document Flow: Shipping Line/Shipping Agent → Port

Bay plan describes containers existing on-board a vessel and deals with stowing of containers of different types to a location on a container vessel. This message is transmitted to the next Port of call, where the Vessel is expected to visit. This message is intended for use by ship owners, tonnage centres, terminal operators, shipping lines, etc.

2.8.1 DOCUMENT STRUCTURE



2.8.2 DOCUMENT STRUCTURE

HEADER:

S.No	Field Name	Type	Length	Status
1.	VCN	C	14	M
2.	IMO Number	C	10	M
3.	Call Sign	C	10	M
4.	Voyage Number	C	10	M

DETAIL:

S.No	Field Name	Type	Length	Status
1.	Equipment Status	C	3	M
2.	Vessel Bay	C	3	M
3.	Vessel Row	C	2	M
4.	Vessel Tier	C	2	M
5.	Deck Hold Indicator	C	1	M
6.	Container Number	C	12	C
7.	Shipping Bill Number	C	7	C
8.	Port of discharge stowage	C	6	C
9.	Date and Time of Message	D	-	M
10.	Unit of quantity	C	3	C
11.	Weight Quantity	N	13.3	C
12.	Number of Packages	N	8	C
13.	Temperature Value of Reefer Container	N	4.1	C

S.No	Field Name	Type	Length	Status
14.	Unit of temperature *(6411)	C	3	C
15.	Dimension Code (in case of over dimension container only)	C	3	C
16.	Over dimension Length	N	8.2	C
17.	Over dimension Width	N	8.2	C
18.	Over dimension Height	N	8.2	C
19.	IMO Class (Dangerous Goods Regulation Code)	C	5	C
20.	UN / IMDG Number (Hazardous Identification Code)	C	5	C
21.	Flash point	C	3	C
22.	Goods Description	C	250	C

2.8.3 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.	BPH	Bay Plan Header	M	1
5.	BPD	Bay Plan Detail	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 BPH (Bay Plan Header)

Description: This segment includes the following fields:

7. VCN
8. IMO number

9. Call sign
10. Voyage Number

0050 BPD (Bay Plan Detail)

Description: This segment includes the following fields:

1. Equipment Status
2. Vessel Bay
3. Vessel Row
4. Vessel Tier
5. Deck Hold Indicator
6. Container Number
7. SB number
8. Port of discharge stowage
9. Date and Time of Message
10. Unit of quantity
11. Weight Quantity
12. Number of Packages
13. Temperature Value of Reefer Container
14. Unit of temperature *(6411)
15. Dimension Code (in case of over dimension container only)
16. Over dimension Length
17. Over dimension Width
18. Over dimension Height
19. IMO Class (Dangerous Goods Regulation Code)
20. UN / IMDG Number (Hazardous Identification Code)
21. Flash point
22. Goods Description

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.8.4 SAMPLE TEXT FILE

```

UNH^]BAPLIE^]BAYPLAN^]30060515000001^]PCS30060515000001^]9^]SENDER003
RPD^]RECP001^]RECP002
NPD^]NOTIFR001^]NOTIFR002
BPH^]VCNNO001^]IMONO001^]CALLSIN001^]VOYAGE001
BPD^]EQS^]VSB^]VR^]VT^]CONTNO001^]SBILL01^]POTDST^]27062006:12:23^]UQT^]12345678.98^]
123456^]12.1^]DEG^]DIM^]12340.76^]23458.23^]54321.01^]IMOCL^]IMDGNO^]FPT^]GOODSDESCRIPT
ION
BPD^]EQS^]VSB^]VR^]VT^]CONTNO001^]SBILL01^]POTDST^]27062006:12:23^]UQT^]12345678.98^]
123456^]34^]DEG^]DIM^]12340.76^]23458.23^]54321.01^]IMOCL^]IMDGNO^]FPT^]GOODSDESCRIPTI
ON
UNT^]25032007124555

```

2.8.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<BayPlan>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>BAPLIE</DocumentType>
      <DocumentName>BAYPLAN</DocumentName>
      <DocumentNumber>30060515000001</DocumentNumber>
    <CommonRefNumber>PCS30060515000001</CommonRefNumber>
    <MessageType>9</MessageType>
    <SenderID>SENDER003</SenderID>
  </DocumentReference>
  <DocumentExchangeDetails>
    <ReceivingPartyDetails>
      <ReceivingParty>RECP001</ReceivingParty>
      <ReceivingParty>RECP002</ReceivingParty>
    </ReceivingPartyDetails>
    <NotifyPartyDetails>
      <NotifyParty>NOTIFR001</NotifyParty>
      <NotifyParty>NOTIFR002</NotifyParty>
    </NotifyPartyDetails>
  </DocumentExchangeDetails>
</DocumentHeader>
<DocumentDetails>
  <BayPlanHeader>
    <VCN>VCNNO001</VCN>
    <IMONumber>IMONO001</IMONumber>
    <CallSign>CALLSIN001</CallSign>
    <VoyageNumber>VOYAGE001</VoyageNumber>
  </BayPlanHeader>
  <BayPlanDetails>
    <BayPlan>
      <EquipmentStatus>EQS</EquipmentStatus>
      <VesselBay>VSB</VesselBay>
      <VesselRow>VR</VesselRow>
    </BayPlan>
  </BayPlanDetails>
</DocumentDetails>
</BayPlan>

```

```

    <VesselTier>VT</VesselTier>
    <DeckHoldIndicator>I</DeckHoldIndicator>
    <ContainerNumber>CONTNO001</ContainerNumber>
    <SBNumber>SBILL01</SBNumber>
    <PortOfDischargeBay>POTDST</PortOfDischargeBay>
    <MsgDateTime>27062006:12:23</MsgDateTime>
    <UnitOfQuantity>UQT</UnitOfQuantity>
    <WeightOfQuantity>12345678.98</WeightOfQuantity>
    <NoOfPackages>123456</NoOfPackages>
    <ReeferContainerTemperature>112.1</ReeferContainerTemperature>
    <UnitOfTemperature>DEG</UnitOfTemperature>
    <DimensionCode>DIM</DimensionCode>
    <OverDimensionLength>12340.76</OverDimensionLength>
    <OverDimensionWidth>23458.23</OverDimensionWidth>
    <OverDimensionHeight>54321.01</OverDimensionHeight>
    <IMOCClass>IMOCL</IMOCClass>
    <IMDGNumber>IMDGNO</IMDGNumber>
    <Flashpoint>FPT</Flashpoint>
    <GoodsDescription>GOODSDESCRIPTION</GoodsDescription>
  </BayPlan>
  <BayPlan>
    <EquipmentStatus>EQS</EquipmentStatus>
    <VesselBay>VSB</VesselBay>
    <VesselRow>VR</VesselRow>
    <VesselTier>VT</VesselTier>
    <DeckHoldIndicator>I</DeckHoldIndicator>
    <ContainerNumber>CONTNO001</ContainerNumber>
    <SBNumber>SBILL01</SBNumber>
    <PortOfDischargeBay>POTDST</PortOfDischargeBay>
    <MsgDateTime>27062006:12:23</MsgDateTime>
    <UnitOfQuantity>UQT</UnitOfQuantity>
    <WeightOfQuantity>12345678.98</WeightOfQuantity>
    <NoOfPackages>123456</NoOfPackages>
    <ReeferContainerTemperature>112.1</ReeferContainerTemperature>
    <UnitOfTemperature>DEG</UnitOfTemperature>
    <DimensionCode>DIM</DimensionCode>
    <OverDimensionLength>12340.76</OverDimensionLength>
    <OverDimensionWidth>23458.23</OverDimensionWidth>
    <OverDimensionHeight>54321.01</OverDimensionHeight>
    <IMOCClass>IMOCL</IMOCClass>
    <IMDGNumber>IMDGNO</IMDGNumber>
    <Flashpoint>FPT</Flashpoint>
  <GoodsDescription>GOODSDESCRIPTION</GoodsDescription>
  </BayPlan>
</BayPlanDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>25032007124555</IssuedDateTime>
</DocumentSummary>
</BayPlan>

```

2.9 STOWAGE PLAN

Document Name: Stowage Plan

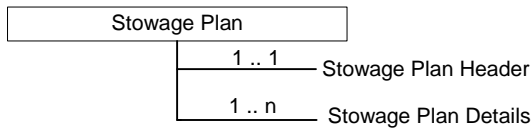
Document Type: STOPLN

Document Id: SAPT006

Document Flow: Shipping Line/Shipping Agent → Port

Stowage plan describes containers existing on-board a vessel and deals with stowing of containers of different types to a location on a container vessel. This message is transmitted to the next Port of call, where the Vessel is expected to visit. This message is intended for use by ship owners, tonnage centres, terminal operators, shipping lines, etc.

2.9.1 DOCUMENT STRUCTURE



2.9.2 DOCUMENT STRUCTURE

HEADER:

S.No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	IMO Number	C	10	M
4.	Call Sign/Vessel Code	C	10	M
5.	Voyage Number	C	10	M

DETAIL:

S.No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	Equipment Status	C	3	M
3.	Container Number	C	12	M
4.	Bill of Lading Number / Shipping Bill Number.	C	7	C
5.	Vessel Bay	C	3	M
6.	Vessel Row	C	2	M
7.	Vessel Tier	C	2	M
8.	Vessel Sub tier	C	2	M
9.	Deck Hold Indicator	C	1	M
10.	Discharge hook Number	C	2	C
11.	Load Hook Number	C	2	C

S.No	Field Name	Type	Length	Status
12.	Hook discharge sequence	N	2	C
13.	Hook Load Sequence	N	2	C
14.	Discharge Operational Unit No	N	2	C
15.	Load Operational Unit	N	2	C
16.	Operational Unit Discharge sequence	N	2	C
17.	Operational Unit Load Sequence	N	2	C
18.	Import Remain-on-board / Reshipped indicator / Same bottom	C	3	C
19.	Call discharge status	C	1	C
20.	Call load status	C	1	C
21.	Discharge Container number	C	12	C
22.	Load container number	C	12	C
23.	Weight category pre stowage	C	1	C
24.	Port of discharge stowage	C	6	C
25.	Weight category stowage	C	1	C
26.	Cell type	C	1	C
27.	Mode of dispatch	C	1	C
28.	Date and Time of Message	D	-	M
29.	Unit of quantity	C	3	C
30.	Weight Quantity	N	13.3	C
31.	Number of Packages	N	8	C
32.	Temperature Value of Reefer Container	C	15	C
33.	Unit of temperature *(6411)	C	3	C
34.	Dimension Code (in case of over dimension container only)	C	3	C
35.	Over dimension Length	N	8.2	C
36.	Over dimension Width	N	8.2	C
37.	Over dimension Height	N	8.2	C
38.	IMO Class (Dangerous Goods Regulation Code)	C	5	C
39.	UN / IMDG Number (Hazardous Identification Code)	C	5	C
40.	Flash point	C	3	C
41.	Goods Description	C	250	C

2.9.3 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	SPH	Stowage Plan Header	M	1
5	SPD	Stowage Plan Details	M	n
6	UNT	Message Trailer	M	1

0010 UNH (Message Header)

Description: This segment includes the following fields:

2. Document Type
3. Document Name
4. Document Number
5. Common Ref Number
6. Message Type
7. 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 SPH (Stowage Plan Header)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. IMO Number
4. Call Sign
5. Voyage Number

0050 SPD (Stowage Plan Details)

Description: This segment includes the following fields:

1. Record Type
2. Equipment Status
3. Container Number
4. Shipping Bill Number
5. Vessel Bay
6. Vessel Row
7. Vessel Tier
8. Vessel Sub tier
9. Deck Hold Indicator
10. Discharge hook Number

11. Load Hook Number
12. Hook discharge sequence
13. Hook Load Sequence
14. Discharge Operational Unit No
15. Load Operational Unit
16. Operational Unit Discharge sequence
17. Operational Unit Load Sequence
18. Import Remain-on-board / Reshipped indicator / Same bottom
19. Call discharge status
20. Call load status
21. Discharge Container number
22. Load container number
23. Weight category pre stowage
24. Port of discharge stowage
25. Weight category stowage
26. Cell type
27. Mode of dispatch
28. Message Date and Time
29. Unit of Quantity
30. Weight of Quantity
31. Number of Packages
32. Temperature value of Reefer Container
33. Unit of Temperature
34. Dimension Code
35. Over Dimension Length
36. Over Dimension Width
37. Over Dimension Height
38. IMO Class
39. IMDG Number
40. Flash Point
41. Goods Description

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

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

2.9.4 SAMPLE TEXT FILE

```

UNH^JSTOPLN^JSTOWAGEPLAN^J30060515000001^JPCS30060515000001^J9^JSENDER003
RPD^JRECP001^JRECP002
NPD^JNOTIFR001^JNOTIFR002
SPH^JA^JVCNNO001^JIMONO001^JCALLSIN001^JVOYAGE001
SPD^JA^JIMP^JCONTNO001^JSBILL01^JVBY^JVR^JVT^JST^JD^JLH^JLH^J02^J03^J04^J05^J06^J07^JIRB^JY^
JY^JDISCONUM01^JLODCONUM001^JS^JPOTDST^JN^JC^JM^J23052007:12:55^JUQT^J12345678.98^J123
456^JTEMPREFCON^JDEG^JDIM^J12340.76^J23458.23^J54321.01^JIMOCL^JIMDGNO^JFPT^JGOODSDE
SCRIPTION
SPD^JA^JIMP^JCONTNO001^JSBILL01^JVBY^JVR^JVT^JST^JD^JLH^JLH^J02^J03^J04^J05^J06^J07^JIRB^JY^
JY^JDISCONUM01^JLODCONUM001^JS^JPOTDST^JN^JC^JM^J23052007:12:55^JUQT^J12345678.98^J123
456^JTEMPREFCON^JDEG^JDIM^J12340.76^J23458.23^J54321.01^JIMOCL^JIMDGNO^JFPT^JGOODSDE
SCRIPTION
UNT^J23052007114555

```

2.9.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<StowagePlan>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>STOPLN</DocumentType>
      <DocumentName>STOWAGEPLAN</DocumentName>
      <DocumentNumber>30060515000001</DocumentNumber>

      <CommonRefNumber>PCS30060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER003</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP001</ReceivingParty>
        <ReceivingParty>RECP002</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFR001</NotifyParty>
        <NotifyParty>NOTIFR002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <StowagePlanHeader>
      <RecordType>A</RecordType>
      <VCN>VCNNO001</VCN>
      <IMONumber>IMONO001</IMONumber>
      <CallSign>CALLSIN001</CallSign>
      <VoyageNumber>VOYAGE001</VoyageNumber>
    </StowagePlanHeader>
    <StowagePlanDetails>
      <StowagePlan>

```

```

<RecordType>A</RecordType>
<EquipmentStatus>IMP</EquipmentStatus>
<ContainerNumber>CONTNO001</ContainerNumber>
<ShippingBillNumber>SBILL01</ShippingBillNumber>
<VesselBay>VBY</VesselBay>
<VesselRow>VR</VesselRow>
<VesselTier>VT</VesselTier>
<VesselSubTier>ST</VesselSubTier>
<DeckHoldIndicator>D</DeckHoldIndicator>
<DischargeHookNumber>DH</DischargeHookNumber>
<LoadHookNumber>LH</LoadHookNumber>
<HookDischargeSeq>02</HookDischargeSeq>
<HookLoadSeq>03</HookLoadSeq>
<DischargeOpeUnitNo>04</DischargeOpeUnitNo>
<LoadOperUnit>05</LoadOperUnit>
<OperUnitDischargeSeq>06</OperUnitDischargeSeq>
<OperUnitLoadSeq>07</OperUnitLoadSeq>
<ImportRemainOnBoard>IRB</ImportRemainOnBoard>
<CallDischargeStatus>Y</CallDischargeStatus>
<CallLoadStatus>Y</CallLoadStatus>

<DischargeContainerNumber>DISCONUM01</DischargeContainerNumber>

<LoadContainerNumber>LODCONUM001</LoadContainerNumber>
  <WtCategoryPreStowage>S</WtCategoryPreStowage>

<PortOfDischargeStowage>POTDST</PortOfDischargeStowage>
  <WtCategoryStowage>N</WtCategoryStowage>
  <CellType>C</CellType>
  <ModeOfDispatch>M</ModeOfDispatch>
  <MsgDateTime>23052007:12:55</MsgDateTime>
  <UnitOfQuantity>UQT</UnitOfQuantity>
  <WeightOfQuantity>12345678.98</WeightOfQuantity>
  <NoOfPackages>123456</NoOfPackages>
<ReeferContainerTemperature>TEMPREFCON</ReeferContainerTemperature>
  <UnitOfTemperature>DEG</UnitOfTemperature>
  <DimensionCode>DIM</DimensionCode>

<OverDimensionLength>12340.76</OverDimensionLength>
  <OverDimensionWidth>23458.23</OverDimensionWidth>

<OverDimensionHeight>54321.01</OverDimensionHeight>
  <IMOClass>IMOCL</IMOClass>
  <IMDGNumber>IMDGNO</IMDGNumber>
  <Flashpoint>FPT</Flashpoint>
<GoodsDescription>GOODSDESCRIPTION</GoodsDescription>
  </StowagePlan>
  <StowagePlan>
    <RecordType>A</RecordType>
    <EquipmentStatus>IMP</EquipmentStatus>
    <ContainerNumber>CONTNO001</ContainerNumber>
    <ShippingBillNumber>SBILL01</ShippingBillNumber>
  
```

```

    <VesselBay>VBY</VesselBay>
    <VesselRow>VR</VesselRow>
    <VesselTier>VT</VesselTier>
    <VesselSubTier>ST</VesselSubTier>
    <DeckHoldIndicator>D</DeckHoldIndicator>
    <DischargeHookNumber>DH</DischargeHookNumber>
    <LoadHookNumber>LH</LoadHookNumber>
    <HookDischargeSeq>02</HookDischargeSeq>
    <HookLoadSeq>03</HookLoadSeq>
    <DischargeOpeUnitNo>04</DischargeOpeUnitNo>
    <LoadOperUnit>05</LoadOperUnit>
    <OperUnitDischargeSeq>06</OperUnitDischargeSeq>
    <OperUnitLoadSeq>07</OperUnitLoadSeq>
    <ImportRemainOnBoard>IRB</ImportRemainOnBoard>
    <CallDischargeStatus>Y</CallDischargeStatus>
    <CallLoadStatus>Y</CallLoadStatus>
  <DischargeContainerNumber>DISCONUM01</DischargeContainerNumber>

  <LoadContainerNumber>LODCONUM001</LoadContainerNumber>
    <WtCategoryPreStowage>S</WtCategoryPreStowage>

  <PortOfDischargeStowage>POTDST</PortOfDischargeStowage>
    <WtCategoryStowage>N</WtCategoryStowage>
    <CellType>C</CellType>
    <ModeOfDispatch>M</ModeOfDispatch>
    <MsgDateTime>23052007:12:55</MsgDateTime>
    <UnitOfQuantity>UQT</UnitOfQuantity>
    <WeightOfQuantity>12345678.98</WeightOfQuantity>
    <NoOfPackages>123456</NoOfPackages>
  <ReeferContainerTemperature>TEMPREFCON</ReeferContainerTemperature>
    <UnitOfTemperature>DEG</UnitOfTemperature>
    <DimensionCode>DIM</DimensionCode>

  <OverDimensionLength>12340.76</OverDimensionLength>
    <OverDimensionWidth>23458.23</OverDimensionWidth>

  <OverDimensionHeight>54321.01</OverDimensionHeight>
    <IMOClass>IMOCL</IMOClass>
    <IMDGNumber>IMDGNO</IMDGNumber>
    <Flashpoint>FPT</Flashpoint>

  <GoodsDescription>GOODSDESCRIPTION</GoodsDescription>
    </StowagePlan>
    </StowagePlanDetails>
  </DocumentDetails>
  <DocumentSummary>
    <IssuedDateTime>23052007114555</IssuedDateTime>
  </DocumentSummary>
</StowagePlan>

```

2.10 STOWAGE INSTRUCTION (MOVINS)

Document Name: Stowage instruction

Document Type: MOVINS

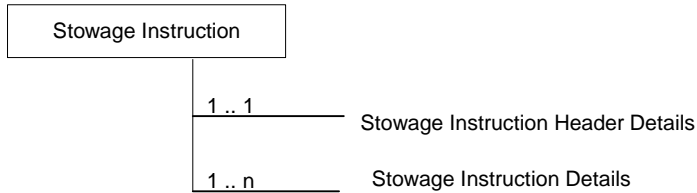
Document Id: SAPT008

Document Flow: Shipping Agent → Port/Terminal Operator

UN/EDIFACT Id: MOVINS

Stowage instructions sent to the container terminal/ stevedoring operators, this message is used to transmit information about all activities like discharging, shifting, restowing and loading.

2.10.1 DOCUMENT STRUCTURE



2.10.2 DOCUMENT DETAILS

HEADER

S. No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	Call Sign/Vessel Code	C	10	M
4.	IMO Number	C	10	M
5.	Voyage Number	C	10	M
6.	Terminal Operator Code/Dock Code	C	15	M
7.	IGM No.	C	7	C
8.	IGM Date	D	-	C
9.	Rotation Number	C	7	C
10.	Rotation Date	D	-	C
11.	Flag / Country of the Vessel	C	2	C
12.	Shipping Agent	C	15	M
13.	Shipping Line code	C	15	M
14.	Total Number of Containers	C	5	M

DETAILS:

S. No	Field Name	Type	Length	Status
1.	Record Type	C	1	M
2.	Import/Export /Transshipment /Restow Flag (I/E/T/R) * (8249)	C	3	M
3.	Transshipment/SB/IGM Line Number	N	10	C
4.	IGM Sub Line Number	N	4	C
5.	Transshipment/SB Application Date	D	-	C
6.	Container Agent Code	C	15	M
7.	Container No.	C	12	M
8.	ISO Code of Container	C	4	C
9.	Container Type Classification Code * (8169)	C	3	M
10.	Handling Instructions	C	70	C
11.	Temperature Value of Reefer Container	C	15	C
12.	Unit of temperature *(6411)	C	3	C
13.	IMO Class (Dangerous Goods Regulation Code)	C	5	C
14.	UN / IMDG Number (Hazardous Identification Code)	C	5	C
15.	Flash point	C	3	C
16.	Goods Description	C	250	C
17.	Discharge Port code	C	6	M

2.10.3 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	MHR	Stowage Instruction Header	M	1
5	MDT	Stowage Instruction Detail	M	9999
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 MHR (Stowage Instruction Header)
Description: This segment includes the following fields:
1. Record Type
 2. VCN
 3. Call Sign
 4. IMO Number
 5. Voyage Number
 6. TO Code/ Dock Code
 7. IGM No
 8. IGM Date
 9. Rotation Number
 10. Rotation Date
 11. Country of the Vessel
 12. Shipping Agent Code
 13. Shipping Line Code
 14. Total Number of Containers
- 0050 MDT (Stowage Instruction Details)
Description: This segment includes the following fields:
1. Record Type
 2. Equipment Status (I/E/T)
 3. Transshipment/SB/IGM Line Number
 4. IGM Sub Line Number
 5. Transshipment/SB Application Date
 6. Container Agent Code
 7. Container No
 8. ISO code of Container
 9. Container type Classification Code
 10. Handling Instructions
 11. Reefer container temperature value
 12. Unit of temperature
 13. IMO Class
 14. UN / IMDG number
 15. Flash Point
 16. Goods Description
 17. Port of Discharge

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.10.4 SAMPLE TEXT FILE

```

UNH^JMOVINS^JSTOWAGEINSTRUCTION^J30060515000001^JPCS30060515000001^J9^JSENDER003
RPD^JRECP001^JRECP002
NPD^JNOTIFR001^JNOTIFR002
MHR^JA^JVCNNUM001^JCALLSIGN01^J1234567^JVOYAGENO01^JDOCKCODE01^J1234567^J23052007
^J345678^J24052007^JIN^JSAGENTCODE01^JSLINECODE002^JTCON5
MDT^JA^JE^J1234560912^J1234^J26052007^JCONTAGCODE001^JCONTNUM001^JISOC^JCTC^JHANDLI
NGINSTRUCT^JCONTEMPVAL^JDEG^JIMOCL^JIMDG1^JFSP^JDESCRIPTIONGOOD^JPTDESC
MDT^JA^JE^J1234560912^J1234^J26052007^JCONTAGCODE001^JCONTNUM001^JISOC^JCTC^JHANDLI
NGINSTRUCT^JCONTEMPVAL^JDEG^JIMOCL^JIMDG1^JFSP^JDESCRIPTIONGOOD^JPTDESC
UNT^J27062007213445

```

2.10.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<StowageInstructions>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>MOVINS</DocumentType>
      <DocumentName>STOWAGEINSTRUCTION</DocumentName>
      <DocumentNumber>30060515000001</DocumentNumber>

      <CommonRefNumber>PCS30060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER003</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP001</ReceivingParty>
        <ReceivingParty>RECP002</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFR001</NotifyParty>
        <NotifyParty>NOTIFR002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <StowageHeader>
      <RecordType>A</RecordType>
      <VCN>VCNNUM001</VCN>
      <CallSign>CALLSIGN01</CallSign>
      <IMONumber>1234567</IMONumber>
      <VoyageNumber>VOYAGENO01</VoyageNumber>
    </StowageHeader>
  </DocumentDetails>
</StowageInstructions>

```

```
<TOCode>DOCKCODE01</TOCode>
<IGMNumber>1234567</IGMNumber>
<IGMDate>23052007</IGMDate>
<RotationNumber>345678</RotationNumber>
<RotationNumberDate>24052007</RotationNumberDate>
<CountryOfVessel>IN</CountryOfVessel>
<SACode>SAGENTCODE01</SACode>
<SLCode>SLINECODE002</SLCode>

<TotalNumberOfContainers>TCON5</TotalNumberOfContainers>
  </StowageHeader>
  <StowageInstructionSummary>
    <StowageInstruction>
      <RecordType>A</RecordType>
      <EquipmentStatus>E</EquipmentStatus>
      <SBOriGMOrTPNo>1234560912</SBOriGMOrTPNo>

<SBOriGMOrTPSubLineNo>1234</SBOriGMOrTPSubLineNo>
  <TPOrSBDate>26052007</TPOrSBDate>

<ContainerAgentCode>CONTAGCODE001</ContainerAgentCode>
  <ContainerNumber>CONTNUM001</ContainerNumber>
  <ContainerISOCCode>ISOC</ContainerISOCCode>
  <ContainerStatus>CTC</ContainerStatus>

<HandlingInstructions>HANDLINGINSTRUCT</HandlingInstructions>

<ReeferContainerTemperature>CONTEMPVAL</ReeferContainerTemperature>
  <UnitOfTemperature>DEG</UnitOfTemperature>
  <IMOClass>IMOCL</IMOClass>
  <IMDGNumber>IMDG1</IMDGNumber>
  <Flashpoint>FSP</Flashpoint>

<GoodsDescription>DESCRIPTIONGOOD</GoodsDescription>
  <DischargePortCode>PTDESC</DischargePortCode>
  </StowageInstruction>
  <StowageInstruction>
    <RecordType>A</RecordType>
    <EquipmentStatus>E</EquipmentStatus>
    <SBOriGMOrTPNo>1234560912</SBOriGMOrTPNo>

<SBOriGMOrTPSubLineNo>1234</SBOriGMOrTPSubLineNo>
  <TPOrSBDate>26052007</TPOrSBDate>

<ContainerAgentCode>CONTAGCODE001</ContainerAgentCode>
  <ContainerNumber>CONTNUM001</ContainerNumber>
  <ContainerISOCCode>ISOC</ContainerISOCCode>
  <ContainerStatus>CTC</ContainerStatus>

<HandlingInstructions>HANDLINGINSTRUCT</HandlingInstructions>

<ReeferContainerTemperature>CONTEMPVAL</ReeferContainerTemperature>
```



```
<UnitOfTemperature>DEG</UnitOfTemperature>
<IMOClass>IMOCL</IMOClass>
<IMDGNumber>IMDG1</IMDGNumber>
<Flashpoint>FSP</Flashpoint>

<GoodsDescription>DESCRIPTIONGOOD</GoodsDescription>
  <DischargePortCode>PTDESC</DischargePortCode>
    </StowageInstruction>
  </StowageInstructionSummary>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>27062007213445</IssuedDateTime>
</DocumentSummary>
</StowageInstructions>
```

2.11 DANGEROUS GOODS NOTIFICATION (IFTDGN)

Document Name: Dangerous Goods Notification
Document Type: IFTDGN
Document Id: SAPT009
Document Flow: Shipping Agent → Port
UN/EDIFACT Id: IFTDGN

The shipping Agent declares the dangerous goods / Compressed Gas Cylinders (e.g. carrier's agent, freight forwarder) to the Port (or terminal operator) for performing the checks with respect to the legal requirements on the control of dangerous goods.

2.11.1 DOCUMENT STRUCTURE



2.11.2 DOCUMENT DETAILS

HEADER

S. No	Field	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	Call Sign/Vessel Code	C	10	M
4.	IMO Number	C	10	M
5.	Voyage Number	C	10	M
6.	Flag / Country Code of Vessel	C	2	C
7.	Shipping Agent Code	C	15	M
8.	Shipping Line Code	C	15	M
9.	IGM No.	N	5	C
10.	IGM Date	D	-	C
11.	Rotation Number	C	7	C
12.	Rotation Date	D	-	C

DETAILS: CONSIGNMENT LEVEL

S. No	Field	Type	Length	Status
1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	Container Agent Code	C	15	C
4.	Container Number	C	12	C
5.	Container Type Classification Code * (8169) (FCL / LCL / ETY)	C	3	C
6.	ISO Code of Container	C	4	C
7.	Shippers Own Container Flag	C	3	C
8.	Expected Date of Arrival of Cargo / Container	D	-	-
9.	Port of Loading / Discharge Code	C	6	M
10.	Date of Loading / Discharge	D	-	M
11.	Final port of Discharge (ICD)	C	6	C
12.	Cargo / Gas Cylinder/ Radio Active Material(C/G/R)	C	1	C
13.	Import / Export / Transshipment Flag (I/E/T) * (8249)	C	1	C
14.	RSD/AERB Certificate Number (for Radio Active Material)	C	25	C
15.	RSD/AERB Certificate Date (for Radio Active Material)	D	-	C
16.	RSD/AERB Certificate Validity Date (for Radio Active Material)	D	-	C
17.	IGM Line Number	N	4	C
18.	IGM Sub-Line Number	N	4	C
19.	Shipping bill number	N	7	C
20.	MLO Class (Cylinders)	C	10	C
21.	IMO Class	C	3	M
22.	UN/IMDG Number	C	5	C
23.	Container / Cargo (C/G)	C	1	M
24.	Cargo / Commodity Description	C	250	M
25.	Marks and Numbers	C	35	C
26.	Number of Packages	N	8	M
27.	Package Type	C	3	M
28.	Unit of Quantity	C	3	C
29.	Weight of Consignment	N	12.3	C
30.	Weight of Dangerous substance	N	12.3	C
31.	Handling Instructions	C	70	M
32.	Emergency Medical Procedures(EMS)	C	11	C
33.	Medical First Aid Guid(MFAG)	C	11	C
34.	Description of Filled Cylinders	C	250	C
35.	Storage Instruction	C	250	C
36.	Flash Point (MAX)	N	6.2	C
37.	Flash Point (MIN)	N	6.2	C

S. No	Field	Type	Length	Status
38.	Stowage Position on Board	C	10	C
39.	Total Number of cylinders in Vessel	N	6	C
40.	Total Quantity of Cylinder in Vessel	N	8	C
41.	Unit of Quantity	C	3	M
42.	Custom Site Code	C	6	M
43.	Emergency Contact Number	C	13	C

2.11.3 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	DGH	Dangerous Goods Header	M	1
5	CGT	Consignment Details	M	999
6	DGD	Dangerous Goods Details	M	999
7	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 DGH (Dangerous Goods Header)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. Call Sign
4. IMO Number
5. Voyage Number
6. Country Code of Vessel
7. Shipping agent Code
8. Shipping Line Code

9. IGM No
10. IGM Date
11. Rotation Number
12. Rotation Date

0050 CGT (Consignment Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Container Agent Code
4. Container Number
5. Container Type Classification Code
6. ISO code of Container
7. shippers own Container Flag
8. Expected Date of Arrival of Cargo / Container
9. Port of Loading / discharge Code
10. Date of Loading / discharge
11. final Port of discharge
12. Cargo / Gas cylinder / Radio (C/G/R)
13. Equipment Status (I/E/T)
14. RSD/AERB Certificate Number
15. RSD / AERB Cert Date
16. RSD/AERB Cert Validity
17. IGM Line Number
18. IGM Sub-Line Number
19. SB Number

0050.1 DGD (Dangerous Goods Details)

Description: This segment includes the following fields:

1. MLO class
2. IMO Class
3. UN/IMDG Number
4. Container / Cargo
5. Cargo / Commodity Description
6. Marks and Numbers
7. Number of Packages
8. Package Type
9. Unit of Quantity
10. Weight of consignment
11. Weight of Dangerous substance
12. Handling instructions
13. Emergency Medical Procedures (EMS)
14. Medical First Aid Guide (MFAG)
15. Description of Filled cylinders
16. Storage Instruction
17. Flash Point (Max)
18. Flash Point (MIN)
19. stowage position on Board
20. Total number of cylinders in Vessel
21. Total quantity of cylinder in Vessel
22. Unit of quantity
23. Custom site code

24. Emergency Contact Number

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.11.4 SAMPLE TEXT FILE

```

UNH^J|IFTDGN^J|DANGEROUSGOODSDESC^J|11060515000001^J|PCS11060515000001^J|9^J|SENDER111
RPD^J|RECP112^J|RECP113
NPD^J|UNBNOTIFIER11^J|UNBNOTIFIER12
DGH^J|A^J|VESSELIDADV011^J|CALLSIGN11^J|IMONUMB011^J|VOYAGENO11^J|IN^J|SHIPPINGAGENTCO^J
SHIPPINGLINECO^J|IGMNO01^J|23082007^J|ROTNO21^J|01062007
CGT^J|A^J|1^J|CONTAGENTCODE01^J|CONUMBER0123^J|FCL^J|ISO3^J|SCF^J|25062007^J|POTCOD^J|2906200
7^J|POTDIS^J|R^J|E^J|RSJ|123450987^J|06092012^J|27062007^J|1234^J|4321^J|12345
DGD^J|M|LOCLASS^J|IMO^J|IMDG^J|C^J|CARGODESC^J|MARKNUM^J|342145^J|PAC^J|UNT^J|123456.652^J|65432
176.654^J|INSTRUCTION^J|EMSPROC^J|MFAGGUIDE^J|DESCFILLEDCYL^J|STORAGEINST^J|123.65^J|654.3
2^J|STWAGPOS^J|123452^J|12345678^J|UQT^J|CUSTOM^J|12345
CGT^J|A^J|2^J|CONTAGENTCODE01^J|CONUMBER0123^J|FCL^J|ISO3^J|SCF^J|25062007^J|POTCOD^J|2906200
7^J|POTDIS^J|R^J|E^J|RSJ|123450987^J|06092012^J|27062007^J|1234^J|4321^J|12345
DGD^J|M|LOCLASS^J|IMO^J|IMDG^J|C^J|CARGODESC^J|MARKNUM^J|342145^J|PAC^J|UNT^J|123456.652^J|65432
176.654^J|INSTRUCTION^J|EMSPROC^J|MFAGGUIDE^J|DESCFILLEDCYL^J|STORAGEINST^J|123.65^J|654.3
2^J|STWAGPOS^J|123452^J|12345678^J|UQT^J|CUSTOM^J|12345
UNT^J|27062006233455

```

2.11.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<DangerousGoods>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>IFTDGN</DocumentType>
    <DocumentName>DANGEROUSGOODSDESC</DocumentName>
    <DocumentNumber>11060515000001</DocumentNumber>
    <CommonRefNumber>PCS11060515000001</CommonRefNumber>
    <MessageType>9</MessageType>
    <SenderID>SENDER111</SenderID>
  </DocumentReference>
  <DocumentExchangeDetails>
    <ReceivingPartyDetails>
      <ReceivingParty>RECP112</ReceivingParty>
      <ReceivingParty>RECP113</ReceivingParty>
    </ReceivingPartyDetails>
    <NotifyPartyDetails>
      <NotifyParty>NOTIER11</NotifyParty>
      <NotifyParty>NOTIER12</NotifyParty>
    </NotifyPartyDetails>
  </DocumentExchangeDetails>
</DocumentHeader>
<DocumentDetails>
  <IFTDGNHeader>
    <RecordType>A</RecordType>
    <VCN>VESSELIDADV011</VCN>
    <CallSign>CALLSIGN11</CallSign>
    <IMONumber>IMONUMB011</IMONumber>
    <VoyageNumber>VOYAGENO11</VoyageNumber>
    <VesselCountryCode>IN</VesselCountryCode>
    <ShippingAgent>SHIPPINGAGENTCO</ShippingAgent>
  </IFTDGNHeader>
</DocumentDetails>
</DangerousGoods>

```

```
<ShippingLine>SHIPPINGLINECO</ShippingLine>
<IGMNumber>1096653</IGMNumber>
<IGMDate>23082007</IGMDate>
<RotationNumber>4567832</RotationNumber>
<RotationNumberDate>01062007</RotationNumberDate>
</IFTDGNHeader>
<IFTDGNDetails>
  <Consignment>
    <RecordType>A</RecordType>
    <RecordNumber>1</RecordNumber>
    <CACode>3456786</CACode>
  <ContainerNumber>CONUMBER0123</ContainerNumber>
    <ContainerClassification>FCL</ContainerClassification>
    <ContainerISOCCode>ISO3</ContainerISOCCode>
    <ShippersOwnContainerFlag>SCF</ShippersOwnContainerFlag>
    <CargoETA>25062007</CargoETA>
  <POLorDischargeCode>POTCOD</POLorDischargeCode>
    <DOLorDischarge>29062007</DOLorDischarge>
    <FinalPortOfDischarge>POTDIS</FinalPortOfDischarge>
    <CargoType>R</CargoType>
    <EquipmentStatus>E</EquipmentStatus>
    <RSDCertNumber>RSD123450987</RSDCertNumber>
    <RSDCertDate>06092012</RSDCertDate>
    <RSDValidityDate>27062007</RSDValidityDate>
    <IGMLineNumber>1234</IGMLineNumber>
    <IGMSubLineNumber>4321</IGMSubLineNumber>
    <SBNumber>12345</SBNumber>
    <MLOClass>MLOCLASS</MLOClass>
    <IMOClass>IMO</IMOClass>
    <UNIMDGNumber>IMDG</UNIMDGNumber>
    <ContainerOrCargo>C</ContainerOrCargo>
    <CargoDescription>CARGODESC</CargoDescription>
    <MarksAndNumbers>MARKNUM</MarksAndNumbers>
    <NumberOfPackages>342145</NumberOfPackages>
    <PackageType>PAC</PackageType>
    <UnitOfQuantity>UNT</UnitOfQuantity>
  <WeightOfConsignment>123456.652</WeightOfConsignment>
  <WeightOfDangerousSubstance>65432176.654</WeightOfDangerousSubstance
>

  <HandlingInstructions>INSTRUCTION</HandlingInstructions>
    <EMS>EMSPROC</EMS>
    <MFAG>MFAGGUIDE</MFAG>
  <DescriptionOfFilledCylinders>DESCFILLEDCYL</DescriptionOfFilledCylinders>
    <StorageInstruction>STORAGEINST</StorageInstruction>
    <MaxFlashPoint>123.65</MaxFlashPoint>
    <MinFlashPoint>654.32</MinFlashPoint>
  <StowagePositionOnBoard>STWAGPOS</StowagePositionOnBoard>

  <ToalNoOfCylindersInVessel>123452</ToalNoOfCylindersInVessel>
```



```
<TotalQtyOfCylindersInVessel>12345678</TotalQtyOfCylindersInVessel>
    <UnitOfQty>UQT</UnitOfQty>
    <CustomSiteCode>CUSTOM</CustomSiteCode>
<EmergencyContactNumber>12345</EmergencyContactNumber>
    </Consignment>
    <Consignment>
        <RecordType>A</RecordType>
        <RecordNumber>2</RecordNumber>
        <CACode>CONTAN1</CACode>
    <ContainerNumber>CONUMBER0123</ContainerNumber>
        <ContainerClassification>FCL</ContainerClassification>
        <ContainerISOCODE>ISO3</ContainerISOCODE>
        <ShippersOwnContainerFlag>SCF</ShippersOwnContainerFlag>
        <CargoETA>25062007</CargoETA>
    <POLorDischargeCode>POTCOD</POLorDischargeCode>
        <DOLorDischarge>29062007</DOLorDischarge>
        <FinalPortOfDischarge>POTDIS</FinalPortOfDischarge>
        <CargoType>R</CargoType>
        <EquipmentStatus>E</EquipmentStatus>
        <RSDCertNumber>RSD123450987</RSDCertNumber>
        <RSDCertDate>06092012</RSDCertDate>
        <RSDValidityDate>27062007</RSDValidityDate>
        <IGMLineNumber>1234</IGMLineNumber>
        <IGMSubLineNumber>4321</IGMSubLineNumber>
        <SBNumber>987345</SBNumber>
        <MLOClass>MLOCLASS</MLOClass>
        <IMOClass>IMO</IMOClass>
        <UNIMDGNumber>IMDG</UNIMDGNumber>
        <ContainerOrCargo>C</ContainerOrCargo>
        <CargoDescription>CARGODESC</CargoDescription>
        <MarksAndNumbers>MARKNUM</MarksAndNumbers>
        <NumberOfPackages>342145</NumberOfPackages>
        <PackageType>PAC</PackageType>
        <UnitOfQuantity>UNT</UnitOfQuantity>
        <WeightOfConsignment>123456.652</WeightOfConsignment>
    <WeightOfDangerousSubstance>65432176.654</WeightOfDangerousSubstance
>

    <HandlingInstructions>INSTRUCTION</HandlingInstructions>
        <EMS>EMSPROC</EMS>
        <MFAG>MFAGGUIDE</MFAG>

    <DescriptionOfFilledCylinders>DESCFILLEDCYL</DescriptionOfFilledCylinders>
        <StorageInstruction>STORAGEINST</StorageInstruction>
        <MaxFlashPoint>123.65</MaxFlashPoint>
        <MinFlashPoint>654.32</MinFlashPoint>

    <StowagePositionOnBoard>STWAGPOS</StowagePositionOnBoard>

    <TotalNoOfCylindersInVessel>123452</TotalNoOfCylindersInVessel>
```

```
<TotalQtyOfCylindersInVessel>12345678</TotalQtyOfCylindersInVessel>
      <UnitOfQty>UQT</UnitOfQty>
      <CustomSiteCode>CUSTOM</CustomSiteCode>
    <EmergencyContactNumber>12345</EmergencyContactNumber>
  </Consignment>
</IFTDGNDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>27062006233455</IssuedDateTime>
</DocumentSummary>
</DangerousGoods>
```

2.12 DANGEROUS GOODS NOTIFICATION ACKNOWLEDGEMENT (DGNACK)

Document Name: Dangerous Goods Notification Acknowledgement

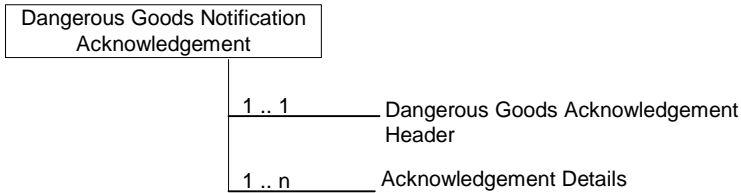
Document Type: DGNACK

Document Id: PTSA012

Document Flow: Port → Shipping Agent

The shipping Agent declares the dangerous goods / Compressed Gas Cylinders (e.g. carrier's agent, freight forwarder) to the Port (or terminal operator) for performing the checks with respect to the legal requirements on the control of dangerous goods. Port checks the list and provides the acknowledgement for the same.

2.12.1 DOCUMENT STRUCTURE



2.12.2 DOCUMENT DETAILS

HEADER

S. No	Field	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	IMO Number	C	10	M
4.	Shipping Agent Code	C	15	M
5.	Shipping Line Code	C	15	M
6.	IGM No.	C	7	C
7.	IGM Date	D	-	C
8.	Rotation Number	C	7	C
9.	Rotation Date	D	-	C

DETAILS: CONSIGNMENT LEVEL

S. No	Field	Type	Length	Status
1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	Cargo/Container	C	1	M
4.	IGM Line Number	N	4	C
5.	IGM Sub-Line Number	N	4	C
6.	Shipping bill number	N	7	C
7.	Port Category	C	6	C
8.	Instructions	C	250	M
9.	Remarks	C	250	C

2.12.3 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	DGH	Dangerous Goods Header	M	1
5	CGT	Consignment Details	M	999
6	DGA	Dangerous Goods Acknowledgement Details	M	999
7	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 DGH (Dangerous Goods Header)

Description: This segment includes the following fields:

1. Record Type

2. VCN
3. IMO Number
4. Shipping agent Code
5. Shipping Line Code
6. IGM No
7. IGM Date
8. Rotation Number
9. Rotation Date

0050 CGT (Consignment Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Cargo/Container
4. IGM Line Number
5. IGM Sub-Line Number
6. SB Number

0050.1 DGA (Dangerous Goods Acknowledgement Details)

Description: This segment includes the following fields:

1. Port category
2. Instructions
3. Remarks

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.12.4 SAMPLE TEXT FILE

```

UNH^I|IFTDGN^J|DANGEROUSGOODSDESC^11060515000001^J|PCS11060515000001^9^J|SENDER111
RPD^J|RECP112^J|RECP113
NPD^J|NOTIR11^J|NOTIER12
DGH^A^J|VESSELIDADV011^J|IMONUMB011^J|SHIPPINGAGENTCO^J|SHIPPINGLINECO^J|1234567^J|2308
2007^J|76890^J|01062007
CGT^A^J|1^J|C^J|1234^J|4321^J|5678
DGA^J|INBOM1^J|DANGEROUSGOODINSTRUCTION^J|DANGEROUSGOODSREMARKS
CGT^A^J|0^J|C^J|1235^J|4322^J|5678
DGA^J|INBOM1^J|DANGEROUSGOODINSTRUCTION1^J|DANGEROUSGOODSREMARKS1
UNT^J|27062006233455

```

2.12.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<DangerousGoodsAck>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>DGNACK</DocumentType>

      <DocumentName>DANGEROUSGOODSDESC</DocumentName>
      <DocumentNumber>11060515000001</DocumentNumber>

      <CommonRefNumber>PCS11060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER111</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP112</ReceivingParty>
        <ReceivingParty>RECP113</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIR11</NotifyParty>
        <NotifyParty>NOTIER12</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <IFTDGNAckHeader>
      <RecordType>A</RecordType>
      <VCN>VESSELIDADV011</VCN>
      <IMONumber>IMONUMB011</IMONumber>
      <ShippingAgent>SHIPPINGAGENTCO</ShippingAgent>
      <ShippingLine>SHIPPINGLINECO</ShippingLine>
      <IGMNumber>1234567</IGMNumber>
      <IGMDate>23082007</IGMDate>
      <RotationNumber>76890</RotationNumber>
      <RotationNumberDate>01062007</RotationNumberDate>
    </IFTDGNAckHeader>
  </DocumentDetails>
</DangerousGoodsAck>

```

```
<IFTDGNackDetails>
  <Consignment>
    <RecordType>A</RecordType>
    <RecordNumber>1</RecordNumber>
    <ContainerOrCargo>C</ContainerOrCargo>
    <IGMLineNumber>1234</IGMLineNumber>
    <IGMSubLineNumber>4321</IGMSubLineNumber>
    <SBNumber>1234</SBNumber>
    <PortCategory>INBOM1</PortCategory>
    <Instructions> DANGEROUSGOODINSTRUCTION
</Instructions>
    <Remarks> DANGEROUSGOODSREMARKS</Remarks>
  </Consignment>
  <Consignment>
    <RecordType>A</RecordType>
    <RecordNumber>0</RecordNumber>
    <ContainerOrCargo>C</ContainerOrCargo>
    <IGMLineNumber>1235</IGMLineNumber>
    <IGMSubLineNumber>4322</IGMSubLineNumber>
    <SBNumber>908</SBNumber>
    <PortCategory>INBOM1</PortCategory>
    <Instructions> DANGEROUSGOODINSTRUCTION1
</Instructions>
    <Remarks> DANGEROUSGOODSREMARKS1</Remarks>
  </Consignment>
</IFTDGNackDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>27062006233455</IssuedDateTime>
</DocumentSummary>
</DangerousGoodsAck>
```

2.13 RESOURCE REQUISITION (RESREQ)

Document Name: Resource Requisition.

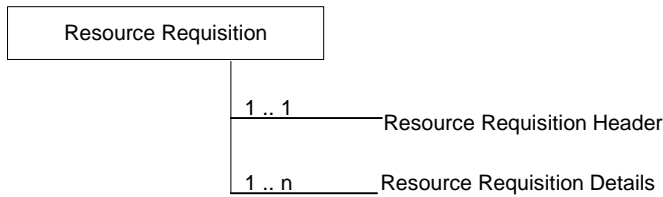
Document Type: RESREQ

Document Id: SAPT0010

Document Flow: Shipping Agent → Port, CFS and Stevedores → Port

Requisition of resources message will be used by Shipping Agent or Stevedores to request port if additional resources like Equipments, Gangs etc are required.

2.13.1 DOCUMENT STRUCTURE



2.13.2 DOCUMENT DETAILS

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	C
4.	IMO Number	C	10	C
5.	Voyage Number	C	10	C
6.	Terminal Operator Code/Dock Code	C	15	M
7.	Resource Request from (Stevedore Code/Shipping Agent / CHA / Importer/ Exporter /Console Agent)	C	15	C
8.	Resources Required Date	D	-	M

DETAILS

1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	Nature of operation (L/U/S/D/DL/R)	C	3	M
4.	Type of Cargo *(7085) Break Bulk/Bulk/ Container/Liquid Bulk	C	3	C

5.	Berth Number/Code	C	6	C
6.	HS Code (Check the feasibility)	C	10	C
7.	Crane Deployment Type (Single/Tandum)	C	3	C
8.	Purpose of Gang	C	1	C
9.	Type of Hook/Operation	C	1	C
10.	Mode of Operation (Mechanical(Mh)/Manual(Ma))	C	2	C
11.	No of gangs requested	N	2	C
12. \$	Record Type	C	1	C
13. \$	Record Number	N	6	M
14. \$	Equipment No	C	4	C
15.	UOM of equipment	C	3	C
16. \$	Size	N	3	C
17. \$	Type of Equipment	C	6	C
18. \$	No of Equipment requested	N	2	C
19.	Supervisory Staff Required (Y/N)	C	1	C
20.	Over Time Work Required (Y/N)	C	1	C
21.	Shift Number	C	1	M
22.	Place of Deployment [On Board/On Shore/Overside]	C	20	M
23.	Remark	C	250	C

2.13.3 MESSAGE STRUCTURE

SNo	Group	Description	M / C	Repeat
1	UNH	Message Header	M	1
2	RPD	Recipients	M	1
3	NPD	Notify Parties	C	99
4	RAH	Resource Request Header	M	1
5	RAD	Resource Request Details	M	N
6	EDT	Equipment Details	C	N
7	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 RAH (Resource Request Header)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. Call Sign
4. IMO Number
5. Voyage Number
6. Terminal Operator Code/Dock Code
7. Resource Request From
8. Resource Required Date

0050 RAD (Resource Request Details)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Nature of Operation
4. Cargo Type
5. Berth Number
6. HS Code
7. Crane Deployment Type
8. Purpose of Gang
9. Hook Type
10. Mode of Operation
11. No of Gangs Requested
12. Supervisory Staff Required
13. Over Time Work Required
14. Shift Number
15. Place of Deployment
16. Remark

0050.1 EDT (Equipment Details)

Description: This segment present under the repeating RAD segment.

1. Record Type
2. Record Number
3. Equipment Number
4. UOM of Equipment
5. Size
6. Type of Equipment
7. No of Equipment Requested

0070 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.13.4 SAMPLE TEST FILE

```

UNH^RESREQ^RESOURCEREQUISITION^11060515000001^PCS11060515000001^9^SENDER111
RPD^RECP112^RECP113
NPD^NOTIFIER11^NOTIFIER12
RAH^A^VESSELIDADV011^CALLSIGN11^IMONUMB011^VOYAGENO11^LOPCOD^RESOURCERE
QFORM^23082007
RAD^A^1^DL^CON^123456^HSCODE0012^SIN^G^H^MA^10^Y^N^F^ONBOARD^REMARKDE
TAIL
EDT^A^1^123^UOM^123^TYEEQP^12
EDT^A^2^456^UOM^123^TYEEQP^12
RAD^A^2^DL^CON^879564^HSCODE0012^SIN^G^H^MA^10^Y^N^F^ONBOARD^REMARKDE
TAIL
EDT^A^1^654^UOM^123^TYEEQP^12
EDT^A^2^655^UOM^123^TYEEQP^12
UNT^27062006112233

```

2.13.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<ResourceRequisition>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>RESREQ</DocumentType>
      <DocumentName>RESOURCEREQUISITION</DocumentName>
      <DocumentNumber>11060515000001</DocumentNumber>

      <CommonRefNumber>PCS11060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER111</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP112</ReceivingParty>
        <ReceivingParty>RECP113</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFIER11</NotifyParty>
        <NotifyParty>NOTIFIER12</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <ResourceRequestHeader>
      <RecordType>A</RecordType>
      <VCN>VESSELIDADV011</VCN>
      <CallSign>CALLSIGN11</CallSign>
      <IMONumber>IMONUMB011</IMONumber>
      <VoyageNumber>VOYAGENO11</VoyageNumber>
      <TOOrDOckCode>LOPCOD</TOOrDOckCode>
      <ResReqFrom>RESOURCEREQFORM</ResReqFrom>
    </ResourceRequestHeader>
  </DocumentDetails>
</ResourceRequisition>

```

```
        <ResReqDate>23082007</ResReqDate>
    </RessourceRequestHeader>
    <RessourceRequestDetails>
        <ResourceRequest>
            <RecordType>A</RecordType>
            <RecordNumber>1</RecordNumber>
            <NatureOfOperation>DL</NatureOfOperation>
            <CargoType>CON</CargoType>
            <BerthNumber>123456</BerthNumber>
            <HSCCode>HSCODE0012</HSCCode>
            <CraneDeploymentType>SIN</CraneDeploymentType>
            <PurposeOfGang>G</PurposeOfGang>
            <HookType>H</HookType>
            <ModeOfOperation>MA</ModeOfOperation>
            <NoOfGangsReq>10</NoOfGangsReq>
            <EquipmentDetails>
                <Equipment>
                    <RecordType>A</RecordType>
                    <RecordNumber>1</RecordNumber>
                    <EquipmentNo>123</EquipmentNo>
                </Equipment>
            </EquipmentDetails>
            <UOMofequipment>UOM</UOMofequipment>
            <Size>123</Size>
            <TypeofEquipment>TYEEQP</TypeofEquipment>
            <NoofEquipmentrequested>12</NoofEquipmentrequested>
            </Equipment>
            <Equipment>
                <RecordType>A</RecordType>
                <RecordNumber>2</RecordNumber>
                <EquipmentNo>456</EquipmentNo>
            </Equipment>
            <UOMofequipment>UOM</UOMofequipment>
            <Size>123</Size>
            <TypeofEquipment>TYEEQP</TypeofEquipment>
            <NoofEquipmentrequested>12</NoofEquipmentrequested>
            </Equipment>
            </EquipmentDetails>
            <SupervisoryStaffRequired>Y</SupervisoryStaffRequired>
            <OvertimeStaffRequired>N</OvertimeStaffRequired>
            <ShiftNumber>F</ShiftNumber>
            <PlaceOfDeployment>ONBOARD</PlaceOfDeployment>
            <Remark>REMARKDETAIL</Remark>
        </ResourceRequest>
        <ResourceRequest>
            <RecordType>A</RecordType>
            <RecordNumber>1</RecordNumber>
            <NatureOfOperation>DL</NatureOfOperation>
```

```

    <CargoType>CON</CargoType>
    <BerthNumber>879564</BerthNumber>
    <HSCCode>HSCODE0012</HSCCode>
    <CraneDeploymentType>SIN</CraneDeploymentType>
    <PurposeOfGang>G</PurposeOfGang>
    <HookType>H</HookType>
    <ModeOfOperation>MA</ModeOfOperation>
    <NoOfGangsReq>10</NoOfGangsReq>
    <EquipmentDetails>
      <Equipment>
        <RecordType>A</RecordType>
        <RecordNumber>1</RecordNumber>
        <EquipmentNo>654</EquipmentNo>
      </Equipment>
    </EquipmentDetails>
    <UOMofequipment>UOM</UOMofequipment>
    <Size>123</Size>
    <TypeofEquipment>TYEEQP</TypeofEquipment>
    <NoofEquipmentrequested>12</NoofEquipmentrequested>
    </Equipment>
    <Equipment>
      <RecordType>A</RecordType>
      <RecordNumber>2</RecordNumber>
      <EquipmentNo>655</EquipmentNo>
    </Equipment>
    <UOMofequipment>UOM</UOMofequipment>
    <Size>123</Size>
    <TypeofEquipment>TYEEQP</TypeofEquipment>
    <NoofEquipmentrequested>12</NoofEquipmentrequested>
    </Equipment>
    </EquipmentDetails>
    <SupervisoryStaffRequired>Y</SupervisoryStaffRequired>
    <OvertimeStaffRequired>N</OvertimeStaffRequired>
    <ShiftNumber>F</ShiftNumber>
    <PlaceOfDeployment>ONBOARD</PlaceOfDeployment>
    <Remark>REMARKDETAIL</Remark>
  </ResourceRequest>
</ResourceRequestDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>27062006112233</IssuedDateTime>
</DocumentSummary>
</ResourceRequisition>

```

2.14 ALLOTMENT OF RESOURCES

Document Name: Allotment of Resources.

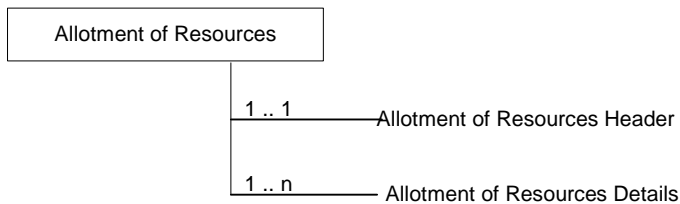
Document Name: ALORES

Document Id: PTSA011

Document Flow: Port/CFS → Shipping Agent/Stevedores

Allocation of resources message informs the allocation to the stake holders who ever had requested for resources.

2.14.1 DOCUMENT STRUCTURE



2.14.2 DOCUMENT DETAILS

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	C
4.	IMO Number	C	10	C
5.	Voyage Number	C	10	C
6.	Terminal Operator Code/Dock Code	C	15	M
7.	Resource Request from (Stevedore Code/SA / CHA / Importer/ Exporter)	C	15	C
8.	Resources Required Date	D	-	M

DETAIL

1.	Record Type	C	1	M
2.	Record Number	N	6	M
3.	Nature of operation (L/U/S/D/DL/R)	C	3	M
4.	Type of Cargo *(7085) Break Bulk/Bulk/ Container/Liquid Bulk	C	3	C
5.	Berth Number/Code	C	6	C

6.	HS Code (Check the feasibility)	C	10	C
7.	Crane Deployment Type (Single/Tandum)	C	1	C
8.	Purpose of Gang	C	1	C
9.	Type of Hook/Operation	C	1	C
10.	Mode of Operation (Mechanical/Manual)	C	2	C
11.	No of gangs allocated	N	2	C
12. \$	Record Type	C	1	C
13. \$	Record Number	N	6	C
14. \$	Equipment No	C	4	C
15. \$	UOM of equipment	C	3	C
16. \$	Size	N	3	C
17. \$	Type of Equipment	C	6	C
18. \$	No of Equipment allotted	N	2	C
19.	Supervisory Staff Required (Y/N)	C	1	C
20.	Over Time Work Required (Y/N)	C	1	C
21.	Shift Number	C	1	M
22.	Place of Deployment [On Board/On Shore/Overside]	C	20	M
23.	Remark	C	250	C

2.14.3 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	RAH	Resource Allotment Header	M	1
5	RAD	Resource Allotment Details	M	1
6	EDT	Equipment Details	C	N
7	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 RAH (Resource Allotment Header)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. Call Sign
4. IMO Number
5. Voyage Number
6. Terminal Operator Code/Dock Code
7. Resource Request From
8. Resource Required Date

0050 RAD (Resource Allotment Detail)

Description: This segment includes the following fields:

1. Record Type
2. Record Number
3. Nature of Operation
4. Cargo Type
5. Berth Number
6. HS Code
7. Crane Deployment Type
8. Purpose of Gang
9. Hook Type
10. Mode of Operation
11. Supervisory Staff Required
12. Over Time Work Required
13. Shift Number
14. Place of Deployment
15. Remark
16. No of Gangs Alloted

0050.1 EDT (Equipment Detail)

Description: This segment present under the repeating RAD segment. The fields are:

1. Record Type
2. Record Number
3. Equipment Number
4. UOM of Equipment
5. Size
6. Type of Equipment
7. No of Equipment alloted

0070 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.14.4 SAMPLE TEXT FILE

```

UNH^A^ALORES^ALLOTMENTOFRESOURCES^11060515000001^PCS11060515000001^9^SENDER11
RPD^RECP112^RECP113
NPD^NOTIFR11^NOTIFR12
RAH^A^VESSELIDADV012^CALLSIGN12^IMONUMB012^VOYAGENO12^TOPCOD02^RESOURCER
EQFORM^23082008
RAD^A^1^DL^CON^123456^HSCODE0012^A^G^H^MA^Y^N^F^ONBOARD^
REMARKDETAIL^12
EDT^A^1^1234^UOM^123^TYEEQP^11
EDT^A^2^3456^UOM^123^TYEEQP^11
RAD^A^2^DL^CON^123456^HSCODE0012^A^G^H^MA^Y^N^F^ONBOARD^
REMARKDETAIL^12
EDT^A^1^4321^UOM^123^TYEEQP^11
EDT^A^2^6789^UOM^113^TYEEQP^11
UNT^27062006234533

```

2.14.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<ResourceAllotment>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>ALORES</DocumentType>

      <DocumentName>ALLOTMENTOFRESOURCES</DocumentName>
      <DocumentNumber>11060515000001</DocumentNumber>

      <CommonRefNumber>PCS11060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER111</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP112</ReceivingParty>
        <ReceivingParty>RECP113</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFR11</NotifyParty>
        <NotifyParty>NOTIFR12</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <ResourceAllotmentHeader>
      <RecordType>A</RecordType>
      <VCN>VESSELIDADV012</VCN>
      <CallSign>CALLSIGN12</CallSign>
      <IMONumber>IMONUMB012</IMONumber>
      <VoyageNumber>VOYAGENO12</VoyageNumber>
      <TOOrDOckCode>TOPCOD02</TOOrDOckCode>
    </ResourceAllotmentHeader>
  </DocumentDetails>
</ResourceAllotment>

```

```

        <ResReqFrom>RESOURCEREQFORM</ResReqFrom>
        <ResReqDate>23082008</ResReqDate>
    </RessourceAllotmentHeader>
    <RessourceAllotmentDetails>
        <Resource>
            <RecordType>A</RecordType>
            <RecordNumber>1</RecordNumber>
            <NatureOfOperation>DL</NatureOfOperation>
            <CargoType>CON</CargoType>
            <BerthNumber>123456</BerthNumber>
            <HSCode>HSCODE0012</HSCode>
            <CraneDeploymentType>A</CraneDeploymentType>
            <PurposeOfGang>G</PurposeOfGang>
            <HookType>H</HookType>
            <ModeOfOperation>MA</ModeOfOperation>
            <NoOfGangsAll>12</NoOfGangsAll>
            <EquipmentDetails>
                <Equipment>
                    <RecordType>A</RecordType>
                    <RecordNumber>1</RecordNumber>
                    <EquipmentNo>1234</EquipmentNo>

                <UOMofequipment>UOM</UOMofequipment>
                    <Size>123</Size>

                <TypeofEquipment>TYEEQP</TypeofEquipment>

                <NoofEquipmentAlloted>11</NoofEquipmentAlloted>
                    </Equipment>
                    <Equipment>
                        <RecordType>A</RecordType>
                        <RecordNumber>2</RecordNumber>
                        <EquipmentNo>3456</EquipmentNo>

                <UOMofequipment>UOM</UOMofequipment>
                    <Size>123</Size>

                <TypeofEquipment>TYEEQP</TypeofEquipment>

                <NoofEquipmentAlloted>11</NoofEquipmentAlloted>
                    </Equipment>
                    </EquipmentDetails>
                    <SupervisoryStaffRequired>Y</SupervisoryStaffRequired>
                    <OvertimeStaffRequired>N</OvertimeStaffRequired>
                    <ShiftNumber>F</ShiftNumber>

                <PlaceOfDeployment>ONBOARD</PlaceOfDeployment>
                    <Remark>REMARKDETAIL</Remark>
            </Resource>
        </Resource>
            <RecordType>A</RecordType>
            <RecordNumber>1</RecordNumber>

```

```

        <NatureOfOperation>DL</NatureOfOperation>
        <CargoType>CON</CargoType>
        <BerthNumber>654321</BerthNumber>
        <HSCCode>HSCODE0012</HSCCode>
        <CraneDeploymentType>H</CraneDeploymentType>
        <PurposeOfGang>G</PurposeOfGang>
        <HookType>H</HookType>
        <ModeOfOperation>MA</ModeOfOperation>
        <NoOfGangsAll>12</NoOfGangsAll>
        <EquipmentDetails>
            <Equipment>
                <RecordType>A</RecordType>
                <RecordNumber>1</RecordNumber>
                <EquipmentNo>4321</EquipmentNo>
            </Equipment>
        </EquipmentDetails>
        <UOMofequipment>UOM</UOMofequipment>
        <Size>123</Size>
        <TypeofEquipment>TYEEQP</TypeofEquipment>
        <NoofEquipmentAlloted>11</NoofEquipmentAlloted>
        </Equipment>
        <Equipment>
            <RecordType>A</RecordType>
            <RecordNumber>2</RecordNumber>
            <EquipmentNo>6789</EquipmentNo>
        </Equipment>
        <UOMofequipment>UOM</UOMofequipment>
        <Size>123</Size>
        <TypeofEquipment>TYEEQP</TypeofEquipment>
        <NoofEquipmentAlloted>11</NoofEquipmentAlloted>
        </Equipment>
        </EquipmentDetails>
        <SupervisoryStaffRequired>Y</SupervisoryStaffRequired>
        <OvertimeStaffRequired>N</OvertimeStaffRequired>
        <ShiftNumber>F</ShiftNumber>
        <PlaceOfDeployment>ONBOARD</PlaceOfDeployment>
        <Remark>REMARKDETAIL</Remark>
    </Resource>
    </ResourceAllotmentDetails>
</DocumentDetails>
<DocumentSummary>
    <IssuedDateTime>27062006234533</IssuedDateTime>
</DocumentSummary>
</ResourceAllotment>

```

2.15 UN-BERTHING /SAILING/ SHIFTING / RE-BERTHING (UNBERT)

Document Name: Un-Berthing Application.

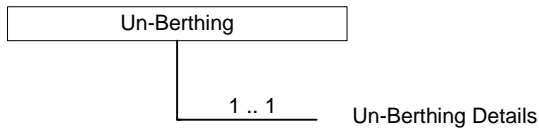
Document Type: UNBERT

Document Id: SAPT012

Document Flow: Shipping Line/Shipping Agent → Port

The message is used to intimate the Port about the exact departure schedule of vessel and request to issue sailing report. After sailing report from the port, Vessel is moved out of the Port.

2.15.1 DOCUMENT STRUCTURE



2.15.2 DOCUMENT DETAILS

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	Sailing /Shifting/Un-Berthing/Re-berthing wharfing	C	1	M
4.	IMO Number	C	10	M
5.	Call Sign/Vessel Code	C	10	M
6.	Voyage Number	C	10	M
7.	Rotation Number	N	7	C
8.	Rotation Date	D	-	C
9.	Expected Cargo Completion Date/Time	D		C
10.	MMD Clearance (Stopped by MMD) (Y/N)	C	1	C
11.	Health Clearance (Y/N)	C	1	C
12.	Immigration Clearance (Y/N)	C	1	C
13.	Expected Date & Time of Departure	D	-	C
14.	Port Clearance Number	C	12	C
15.	Port Clearance Issued Date and Time	D	-	C
16.	Port Clearance Valid Up to Date and Time	D	-	C
17.	Next Port of Call	c	6	M
18.	Free Board at this Draft (meter)	N	6.1	C
19.	Departure Draft Fwd (meter)	N	4.2	C
20.	Departure Draft Aft (meter)	N	4.2	C

21.	Departure Displacement (For Tankers) (Ton)	N	9.1	C
22.	Berth Number	C	6	M
23.	Berth Location Code	C	16	C
24.	New Berth Number	C	6	C
25.	New Berth Location Code	C	16	C
26.	MMD Certificate (Y/N)	C	1	C
27.	Health Clearance (Y/N)	C	1	C
28.	Immigration (Y/N)	C	1	C
29.	Reason if any	C	250	C
30.	Request from (P-Port /C-Customs/ S-SA)	C	1	C
31.	Agency code	C	15	C
32.	Notice of Readiness (inward/shifting/outward)	C	1	C

2.15.3 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	UBD	Un-Berthing 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 UBD (Un-Berthing Details)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. Request Type
4. IMO Number
5. Call Sign
6. Voyage Number
7. Rotation Number
8. Rotation Date
9. Expected Cargo Completion Date
10. MMD Clearance
11. Health Clearance
12. Immigration Clearance
13. Expected Date & Time of Departure
14. Port Clearance Number
15. Port Clearance Issued Date and Time
16. Port Clearance Valid Up to Date and Time
17. Next Port of Call
18. Free Board at this Draft

19. Departure Draft Fwd
20. Departure Draft Aft
21. Departure Displacement
22. Berth Number
23. Berth Location Code
24. New Berth Number
25. New Berth Location Code
26. MMD Certificate
27. Health Clearance
28. Immigration
29. Reason if any
30. Request from
31. Agency Code
32. Notice of Readiness

0050 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.15.4 SAMPLE TEXT FILE

```
UNH^JUNBERT^JUNBERTHINGAPPLICATION^J11060515000001^JPCS11060515000001^J9^JSENDER1
11
RPD^JRECP112^JRECP113
NPD^JNOTIER11^JNOTIER12
UBD^JA^JVESSELIDADV011^JIMONUMB011^JCALLSIGN11^JVOYAGENO11^J1100111^J23082007^J050
92007^JY^JY^J10092007^JPORTCLRNO011^J12092007^J15092007^JNXPOC1^J1231.1^J1^J1100111
.1^JBERNO1^J1^JBERTHLOCCODE0111^J234516^J111^JY^JY^JY^JUNKNOWNREASON1^JP^J
Agent1212^J|
UNT^J27062006122233
```

2.15.5 SAMPLE XML FILE

```
<?xml version="1.0" encoding="UTF-8"?>
<UnBerthing>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>UNBERT</DocumentType>
      <DocumentName>UNBERTHINGAPPLICATION</DocumentName>
      <DocumentNumber>11060515000001</DocumentNumber>

      <CommonRefNumber>PCS11060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER111</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP112</ReceivingParty>
      </ReceivingPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
</UnBerthing>
```



```

        <ReceivingParty>RECP113</ReceivingParty>
    </ReceivingPartyDetails>
    <NotifyPartyDetails>
        <NotifyParty>NOTIER11</NotifyParty>
        <NotifyParty>NOTIER12</NotifyParty>
    </NotifyPartyDetails>
</DocumentExchangeDetails>
</DocumentHeader>
<DocumentDetails>
    <UnBerthDetails>
        <RecordType>A</RecordType>
        <VCN>VESSELIDADV011</VCN>
        <RequestType>1</RequestType>
        <IMONumber>IMONUMB011</IMONumber>
        <CallSign>CALLSIGN11</CallSign>
        <VoyageNumber>VOYAGENO11</VoyageNumber>
        <RotationNumber>1100111</RotationNumber>
        <RotationDate>23082007</RotationDate>

        <ExpectedCargoCompletionDate>05092007</ExpectedCargoCompletionDate>
        <MMDclearance>Y</MMDclearance>
        <Healthclearance>Y</Healthclearance>
        <ImmigrationClearance>Y</ImmigrationClearance>
        <ExpectedDepartureDate>10092007</ExpectedDepartureDate>

        <PortClearanceNumber>PORTCLRNO011</PortClearanceNumber>

        <PortClearanceIssuedDate>12092007</PortClearanceIssuedDate>

        <PortClearanceValidityDate>15092007</PortClearanceValidityDate>
        <NextPortOfCall>NXPOC1</NextPortOfCall>
        <FreeBoardAtThisDraft>1231.1</FreeBoardAtThisDraft>
        <DepartureDraftFwd>1</DepartureDraftFwd>
        <DepartureDraftAft>1</DepartureDraftAft>
        <DepartureDisplacement>1100111.1</DepartureDisplacement>
        <BerthNumber>BERNO1</BerthNumber>
        <BerthLocationCode>BERTHLOCCODE0111</BerthLocationCode>
        <NewBerthNumber>234516</NewBerthNumber>
        <NewBerthLocationCode>111</NewBerthLocationCode>
        <MMDCertificate>Y</MMDCertificate>
        <HealthCertificate>Y</HealthCertificate>
        <ImmigrationCertificate>Y</ImmigrationCertificate>
        <ReasonIfAny>UNKNOWNREASON1</ReasonIfAny>
        <RequestFrom>P</RequestFrom>
        <AgencyCode>Agent1212</AgencyCode>
        <ReadinessNotice>1</ReadinessNotice>
    </UnBerthDetails>
</DocumentDetails>
<DocumentSummary>
    <IssuedDateTime>27062006122233</IssuedDateTime>
</DocumentSummary>
</UnBerthing>

```

2.16 VESSEL MOVEMENT /VESSEL DEPARTURE (VESDEP)

Document Name: Vessel Movement.

Document Type: VESDEP

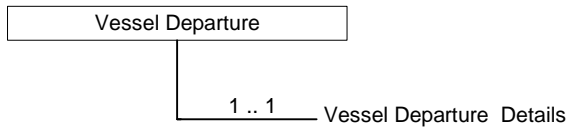
Document Id: PTSA013

Document Flow: Port → Shipping Line/Shipping Agent

UN/EDIFACT Id: VESDEP

A message from a Port/ Terminal operator to a Shipping Agent / Liner agent providing information concerning the Vessel movement in Port or departure from Port.

2.16.1 DOCUMENT STRUCTURE



2.16.2 DOCUMENT DETAILS

S. No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Berth Number	C	6	C
3.	VCN	C	14	M
4.	IMO Number	C	10	M
5.	Call Sign	C	10	M
6.	Voyage Number	C	10	M
7.	Terminal Operator Code/Dock Code	C	15	M
8.	Vessel Name	C	35	C
9.	Flag / Country Code of Vessel	C	2	C
10.	Shipping Agent Code	C	15	C
11.	Shipping Line Code	C	15	C
12.	Rotation Number	C	7	C
13.	Rotation Date	D	-	C
14.	Port Clearance Number	N	7	C
15.	Port Clearance Date	D	-	C
16.	Unit of Quantity	C	3	C
17.	Total Weight of Consignments	N	12.3	C
18.	Port of Loading	C	6	C
19.	Date and Time of Departure from Anchorage / Sailing	D	-	C
20.	Next Port of Call	C	6	M
21.	Vessel Berthing Status-W/E/O (Waiting/Expected/On-berth)	C	1	C

S. No	Field name	Type	Length	Status
22.	Vessel Berthing Sub Status	C	1	C
23.	Group	C	3	C
24.	Nature of Cargo	C	2	C
25.	Operation Proposed and facility Required	C	150	C
26.	Anchoring date and time	D	-	C
27.	Sailing date and time of the Port	D	-	C
28.	Reason for Waiting	C	2	C
29.	Arrival Date & Time at Berth	D	-	C
30.	Date and Time of commencement of Cargo Operations	D	-	C
31.	Date and Time of completion of Cargo Operations	D	-	C
32.	Port Convenience/Account Agent Chargeable (Y/N)	C	1	C
33.	Date and Time of Readiness	D	-	C
34.	Location of carting - Yard Location (Port/ CFS / Dock)	C	10	C
35.	Docking Date and Time at Lock Gate	D	-	C
36.	Date & Time of Pilot Boarded	D	-	C
37.	Date and Time of Berth	D	-	C
38.	Expected Date & Time of arrival	D	-	C
39.	Arrival Date & time in Port	D	-	C
40.	Date & Time of un-berthing	D	-	C
41.	Date and Time of Arrival of Vessel	D	-	C

2.16.3 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	VMD	Vessel Movement 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 VMD (Vessel Movement Details)

Description: This segment includes the following fields:

1. Record Type
2. Berth Number
3. VCN
4. IMO Number
5. Call Sign
6. Voyage Number
7. Terminal Operator Code/Dock Code
8. Vessel Name
9. Country Code of Vessel
10. Shipping Agent Code
11. Shipping Line Code
12. Rotation Number
13. Rotation Date
14. Port Clearance Number
15. Port Clearance Date
16. Unit of Quantity
17. Total Weight of Consignments
18. Port of Loading
19. Date and Time of Departure
20. Next Port of Call
21. Vessel Berthing Status
22. Vessel Berthing Sub Status
23. Group
24. Nature of Cargo
25. Operation Proposed and facility Required
26. Anchoring date and time
27. Sailing date and time of the Port
28. Reason for Waiting
29. Arrival Date & Time at Berth
30. commencement of Cargo Operations
31. completion of Cargo Operations
32. Port Convenience/Account Agent Chargeable
33. Date and Time of Readiness
34. Location of carting
35. Docking Date and Time at Lock Gate
36. Date & Time of Pilot Boarded
37. Date and Time of Berth

- 38. Expected Date & Time of arrival
- 39. Arrival Date & time in Port
- 40. Anchoring date and time
- 41. Date Time Arrival Vessel
- 42. Date Time un-berthing

0050 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.16.4 SAMPLE TEXT FILE

```
UNH^JVESDEP^JVESSELMOVEMENT^J12060515000001^JPCS12060515000001^J9^JSENDER012
RPD^JRECP012^JRECP013
NPD^JNOTIFR12^JNOTER13
VMD^JA^J12012^JVESSELIDADV012^JIMONUMB012^JCALLSIGN12^JVOYAGENO12^JTOCODE1^JVESS
ELNAMEFORDESC^JCC^JSHIPAGENTCODE12^JSLine10^J1212012^J15102007^J1212001^J18102007^J
UOQ^J12120012.012^JPOL012^J25102007:05:45^JNPC012^JE^JGRP^JNC^JOPERATIONPROPOSED
ANDFACILITYREQUIRED^J28102007:06:45^J27062006:12:10^JY^J27062006:10:11^J25122007:05:45^J26
122005:05:45^JY^J27122007:05:45^JLOCOCART12^J29122007:05:45^J29122006:06:45^J27062006:12:34
^J27062006:10:19^J27062006:11:19^J27062006:10:10^J27062006:11:19
UNT^J27062006122334
```

2.16.5 SAMPLE XML FILE

```
<?xml version="1.0" encoding="UTF-8"?>
<VesselMovement>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>VESDEP</DocumentType>
      <DocumentName>VESSELMOVEMENT</DocumentName>
      <DocumentNumber>12060515000001</DocumentNumber>

      <CommonRefNumber>PCS12060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER012</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP012</ReceivingParty>
        <ReceivingParty>RECP013</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIFR12</NotifyParty>
        <NotifyParty>NOTER13</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
```

```

<DocumentDetails>
  <VesselMovementDetails>
    <RecordType>A</RecordType>
    <BerthNumber>12012</BerthNumber>
    <VCN>VESSELIDADV012</VCN>
    <IMONumber>IMONUMB012</IMONumber>
    <CallSign>CALLSIGN12</CallSign>
    <VoyageNumber>VOYAGENO12</VoyageNumber>
    <TOOrDOckCode>TOCODE1</TOOrDOckCode>
    <VesselName>VESSELNAMEFORDESC</VesselName>
    <CountryOfVessel>CC</CountryOfVessel>
    <SACode>SHIPAGENTCODE12</SACode>
    <SLCode>SLine10</SLCode>
    <RotationNumber>1212012</RotationNumber>
    <RotationDate>15102007</RotationDate>
    <PortClearanceNumber>1212001</PortClearanceNumber>
    <PortClearanceDate>18102007</PortClearanceDate>
    <UnitOfQuantity>UOQ</UnitOfQuantity>

  <TotalWeightOfConsignment>12120012.012</TotalWeightOfConsignment>
  <PortOfLoading>POL012</PortOfLoading>
  <DateTimeOfDeparture>25102007:05:45</DateTimeOfDeparture>
  <NextPortOfCall>NPC012</NextPortOfCall>
  <BerthingStatus>E</BerthingStatus>
  <BerthingSubStatus>O</BerthingSubStatus>
  <Group>GRP</Group>
  <NatureOfCargo>NC</NatureOfCargo>

  <FacilityRequired>OPERATIONPROPOSEDANDFACILITYREQUIRED</FacilityRequired
  >
    <AnchoringDateTime>28102007:06:45</AnchoringDateTime>
    <SailingDateTimeOfPort>27062006:12:10</SailingDateTimeOfPort>
    <ReasonForWaiting>Y</ReasonForWaiting>
    <ArrivalDateTimeAtBerth>27062006:10:11</ArrivalDateTimeAtBerth>

  <CommencementOfCargoOper>25122007:05:45</CommencementOfCargoOpe
  r>

  <CompletionOfCargoOper>26122005:05:45</CompletionOfCargoOper>
  <ChargeableAgent>Y</ChargeableAgent>
  <ReadinessDateTime>27122007:05:45</ReadinessDateTime>
  <CartingLocation>LOCOCART12</CartingLocation>

  <DockingDateTimeAtLockGate>29122007:05:45</DockingDateTimeAtLockGate>
  <PilotBoardedTime>29122006:06:45</PilotBoardedTime>
  <BerthDateTime>27062006:12:34</BerthDateTime>
  <EDTA>27062006:10:19</EDTA>
  <ADTP>27062006:11:19</ADTP>
  <DateTimeArrivalVessel>27062006:10:10</DateTimeArrivalVessel>
  <DateTimeunberthing>27062006:11:19</DateTimeunberthing>
  </VesselMovementDetails>
</DocumentDetails>

```

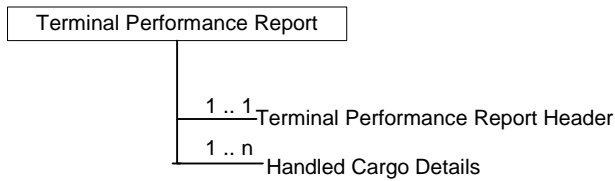
```
<DocumentSummary>  
  <IssuedDateTime>27062006122334</IssuedDateTime>  
</DocumentSummary>  
</VesselMovement>
```

2.17 TERMINAL PERFORMANCE REPORT

Document Name: Terminal Performance Report.
Document Type: TPFREP
Document Id: PTSA014
Document Flow: Port → Shipping Line/Shipping Agent
UN/EDIFACT Id: TPFREP

This Report is used by Terminal operator/Port to transmit information related to the shift wise and cumulative cargo operations carried out related to a vessel.

2.17.1 DOCUMENT STRUCTURE



2.17.2 DOCUMENT DETAILS

HEADER

S.No	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	Terminal Operator Code/Dock Code	C	15	M
3.	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.	Berth Number	C	6	M
8.	Shipping Agent Code	C	15	M
9.	Shipping Line Code	C	15	M
10.	Alloted date and time of Docking	D	-	C
11.	Alloted date and time of Un-Docking	D	-	C
12.	Vessel Type	C	8	M
13.	Vessel Length	N	6.2	M
14.	Vessel Beam	N	6.2	M
15.	Equipment status code	C	3	M
16.	Shift Number (1/2/3)	N	1	M
17.	Vessel Drafft	N	6.2	C
18.	Actual date and time of Cargo	D	-	C

	Operation Commencement			
19.	Actual date and time of Cargo Operation Completion	D	-	C
20.	Operation Status of Vessel – C/U Completed/Un-complete	C	1	M
21.	Actual Position (Working) of Vessel as on dated (Anchorage ,Berth, Stream)	C	10	C
22.	Alotted Date and Time of Docking	D	-	C
23.	Balance Cargo for Discharge	N	10.2	C
24.	Balance Container for Discharge	N	4	C
25.	Balance Cargo for Loading	N	10.2	C
26.	Balance Container for Loading	N	4	C
27.	Vessel Working at Anchorage or Stream (Y/N)	C	1	C

DETAIL

S.No.	Field name	Type	Length	Status
1.	Record Type	C	1	M
2.	VCN	C	14	M
3.	IMO Number	C	10	M
4.	Call Sign	C	10	M
5.	Voyage Number	C	10	M
6.	Berth Number	C	6	M
7.	Terminal Operator Code/Dock Code	C	15	M
8.	Vessel Berthing Status	C	1	M
9.	Vessel Berthing Sub-Status	C	1	C
10.	Nature of Cargo	C	2	M
11.	Equipment Status Code (I / E/ T)	C	3	M
12.	Vessel / Barges Flag (V / B)	C	1	M
13.	Shift Operation (I / II / III)	C	1	M
14.	Date & time of Operation	D	-	M
15.	Number of Gangs	N	2	C
16.	Commodity Code	C	4	C
17.	Number of Containers Handled	N	4	C
18.	Crane Started Date and Time	D	-	C
19.	Crane Stop Date & time	D	-	C
20.	Total TEUS Discharged (for Containers)	N	4	C
21.	Total TEUS Loaded for Containers	N	4	C
22.	Total Tonnage Discharged for Containers (M.T.)	N	10.3	C
23.	Total Tonnage Loaded for Containers (M.T.)	N	10.3	C
24.	Total Tonnage Discharged other	N	10.3	C

S.No.	Field name	Type	Length	Status
	than Containers (M.T.)			
25.	Total Tonnage Loaded other than Containers (M.T.)	N	10.3	C
26.	Total Tonnage for all Cargo (M.T.)	N	11.3	C
27.	Cumulative Total TEUS Discharged (for Containers)	N	4	C
28.	Cumulative Total TEUS Loaded for Containers	N	4	C
29.	Cumulative Total Tonnage Discharged for Containers (M.T.)	N	10.3	C
30.	Cumulative Total Tonnage Loaded for Containers (M.T.)	N	10.3	C
31.	Cumulative Total Tonnage Discharged other than Containers (M.T.)	N	10.3	C
32.	Cumulative Total Tonnage Loaded other than Containers (M.T.)	N	10.3	C
33.	Cumulative Total Tonnage for all Cargo (M.T.)	N	11.3	C
34.	No. of Units (Break Bulk Cargo)	N	10	C
35.	Cumulative No. of Units	N	10	C
36.	Stevedore Name	C	35	C
37.	Norms	C	250	C
38.	Hatch Cover Number	N	2	C
39.	Detention Account (Port / Private / Others)	C	3	C
40.	Detention From	D	-	C
41.	Detention To	D	-	C
42.	Detention Reason	C	250	C
43.	Cargo Causality	C	35	C
44.	Number of Moves (20)	N	5	C
45.	Number of Moves (40)	N	5	C
46.	Number of Moves (45)	N	5	C
47.	Lock Box	C		
48.	Type of container (Reefer / ODC / Haz/ Others / General)	C	2	C

2.17.3 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	TPH	Terminal Performance Report Header	M	1
5	HCD	Handled Cargo Detail	M	N
8	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 TPH (Terminal Performance Report Header)
Description: This segment includes the following fields:

1. Record Type
2. Terminal Operator Code/Dock Code
3. VCN
4. Call Sign
5. IMO Number
6. Voyage Number
7. Berth Number
8. Shipping Agent
9. Shipping Line Code
10. Allotted date and time of Docking
11. Allotted date and time of Undocking
12. Vessel Type
13. Vessel Length
14. Vessel Beam
15. Equipment Status code

16. Shift Number
17. Vessel Draught
18. Actual date and time of Cargo Operation Commencement
19. Actual date and time of Cargo Operation Completion
20. Operation Status of Vessel
21. Actual position of vessel
22. Balance Cargo for Discharge
23. Balance Container for Discharge
24. Balance Cargo for Loading
25. Balance Container for Loading
26. Vessel Working at Anchorage or Stream

0050 HCD (Handled Cargo Details)

Description: This segment includes the following fields:

1. Record Type
2. VCN
3. IMO Number
4. Call Sign
5. Voyage Number
6. Berth Number
7. Terminal Operator/Dock Code
8. Vessel Berthing Status
9. Vessel Berthing Sub Status
10. Nature Of Cargo
11. Equipment Status
12. Vessel/Barges Flag
13. Shift Operation
14. Operation Date and Time
15. Number of Gangs
16. Commodity Code
17. Number of Container Handled
18. Crane Started Date and Time
19. Crane Stopped Date and Time
20. Total TEUS Discharged
21. Total TEUS Loaded for Container
22. Total Tonnage Discharged for Containers
23. Total Tonnage Loaded for Containers
24. Total Tonnage Discharged other than Containers
25. Total Tonnage Loaded other than Containers
26. Total Tonnage for all Cargo
27. Cumulative Total TEUS Discharged
28. Cumulative Total TEUS Loaded for Containers
29. Cumulative Total Tonnage Discharged for Containers
30. Cumulative Total Tonnage Loaded for Containers
31. Cumulative Total Tonnage Discharged other than Containers
32. Cumulative Total Tonnage Loaded other than Containers
33. Cumulative Total Tonnage for all Cargo
34. No. of Units
35. Cumulative No. of Units
36. Stevedore Name
37. Norms

- 38. Hatch Cover Number
- 39. Detention Account
- 40. Detention From
- 41. Detention To
- 42. Detention Reason
- 43. Cargo Causality
- 44. Number of Moves (20)
- 45. Number of Moves (40)
- 46. Number of Moves (45)
- 47. Lock Box
- 48. Type of container

0060 UNT (Message Trailer)

Description: This segment includes the following fields:

1. Document Created Date and Time (DDMMYYYYHHMMSS)

2.17.4 SAMPLE TEXT FILE

```

UNH^JTPFREPA^JTERPERREPORT^J13060515000001^JPCS13060515000001^J9^JSENDER013
RPD^JRECP013^JRECP014
NPD^JNOTIF001^JNOTIF002
TPH^JA^JTERODOCKCODE013^JVESSELIDADV013^JCALLSIGN13^JIMONUMB013^JVOYANUM013^JBNO
13^JSHIPAGENTCODE13^JSHIPLINECODE13^J27062006:12:10^J27062006:10:12^JVT13^J133.13^J130.13
^JESC^J2^J313.13^J25052007^J25052007^JC^JBERTH00013^J1313013.13^J131313^J1313113.13^J0013^JY
HCD^JA^JVESSELIDCODE13^JIMONUM001^JCALLSIGN13^JVOYAGENO13^JBNO13^JTERMINALOCODE
13^J1^J4^JAB^J2^JV^J1^J27062006:10:12^J13^J1234^J1301^J27062006:10:10^J27062006:10:19^J0013^J0130^
J147713.113^J147813.113^J137913.113^J138013.113^J1481113.113^J0313^J1013^J148213.113^J148313.11
3^J138413.113^J148513.113^J1486113.113^J1300448713^J1300448813^Jstevedorename13013^Jnormsfor
esc13^J13^JDC1^J26082007^J27092007^JDETENTIONREASONFORCLARIFICATION013^JCORGOCASUA
LITY013^J00113^J00123^J00133^JLK^JAC
HCD^JA^JVESSELIDCODE13^JIMONUM001^JCALLSIGN13^JVOYAGENO13^JBNO13^JTERMINALOCODE
13^J1^J4^JBB^J1^JV^J1^J27062006:10:12^J13^J1234^J1301^J27062006:10:10^J27062006:10:19^J0013^J0130^
J147713.113^J147813.113^J137913.113^J138013.113^J1481113.113^J0313^J1013^J148213.113^J148313.11
3^J138413.113^J148513.113^J1486113.113^J1300448713^J1300448813^Jstevedorename13013^Jnormsfor
desc13^J13^JDC1^J26082007^J27092007^JDETENTIONREASONFORCLARIFICATION013^JCORGOCASU
ALITY013^J00113^J00123^J00133^JAB^JAC
UNT^J27062006122334
    
```

2.17.5 SAMPLE XML FILE

```

<?xml version="1.0" encoding="UTF-8"?>
<TerminalPerformance>
  <DocumentHeader>
    <DocumentReference>
      <DocumentType>TPFREP</DocumentType>
      <DocumentName>TERPERREPORT</DocumentName>
      <DocumentNumber>13060515000001</DocumentNumber>

      <CommonRefNumber>PCS13060515000001</CommonRefNumber>
      <MessageType>9</MessageType>
      <SenderID>SENDER013</SenderID>
    </DocumentReference>
    <DocumentExchangeDetails>
      <ReceivingPartyDetails>
        <ReceivingParty>RECP013</ReceivingParty>
        <ReceivingParty>RECP014</ReceivingParty>
      </ReceivingPartyDetails>
      <NotifyPartyDetails>
        <NotifyParty>NOTIF001</NotifyParty>
        <NotifyParty>NOTIF002</NotifyParty>
      </NotifyPartyDetails>
    </DocumentExchangeDetails>
  </DocumentHeader>
  <DocumentDetails>
    <TPRHeader>
      <RecordType>A</RecordType>
      <TOOrDockCode>TERODOCKCODE013</TOOrDockCode>
      <VCN>VESSELIDADV013</VCN>
      <CallSign>CALLSIGN13</CallSign>
      <IMONumber>IMONUMB013</IMONumber>
      <VoyageNumber>VOYANUM013</VoyageNumber>
      <BerthNumber>BNO13</BerthNumber>
      <SACode>SHIPAGENTCODE13</SACode>
      <SLCode>SHIPLINECODE13</SLCode>

      <AllottedDateandTimeofDocking>27062006:11:10</AllottedDateandTimeofDockin
g>

      <AllottedDateNTimeofUnDocking>27062006:12:10</AllottedDateNTimeofUnDockin
g>

      <VesselType>VT13</VesselType>
      <VesselLength>133.13</VesselLength>
      <VesselBeam>130.13</VesselBeam>
      <EquipmentStatusCode>ESC</EquipmentStatusCode>
      <ShiftNumber>2</ShiftNumber>
      <VesselDraft>313.13</VesselDraft>

      <ActualCommOfCargoOper>25052007</ActualCommOfCargoOper>

```

```

<ActualCompleOfCargoOper>25052007</ActualCompleOfCargoOper>
  <OperationStatusOfVessel>C</OperationStatusOfVessel>
  <ActualPositionOfVessel>BERTH00013</ActualPositionOfVessel>
  <BalanceDisCargo>1313013.13</BalanceDisCargo>
  <BalanceDisCont>1313</BalanceDisCont>
  <BalanceLoadCargo>1313113.13</BalanceLoadCargo>
  <BalanceLoadCont>0013</BalanceLoadCont>

<VesselWorkingatAnchorageorStream>Y</VesselWorkingatAnchorageorStream>
  </TPRHeader>
  <ShiftWiseCargoDetails>
    <Cargo>
      <RecordType>A</RecordType>
      <VCN>VESSELIDCODE13</VCN>
      <IMONumber>IMONUM001</IMONumber>
      <CallSign>CALLSIGN13</CallSign>
      <VoyageNumber>VOYAGENO13</VoyageNumber>
      <BerthNumber>BNO13</BerthNumber>
      <TOOrDockCode>TERMINALOCODE13</TOOrDockCode>
      <VesselBerthingStatus>1</VesselBerthingStatus>
      <VesselBerthingSubStatus>4</VesselBerthingSubStatus>
      <NatureOfCargo>AB</NatureOfCargo>
      <EquipmentStatus>2</EquipmentStatus>
      <VesselBargeFlag>V</VesselBargeFlag>
      <ShiftOperation>1</ShiftOperation>

    <OperationDateTime>27062006:12:10</OperationDateTime>
      <NoOfGangs>13</NoOfGangs>
      <CommodityCode>1234</CommodityCode>
      <NoOfContHandled>1301</NoOfContHandled>

    <CraneStartedDateTime>27062006:10:10</CraneStartedDateTime>

    <CraneStopDateTime>27062006:10:19</CraneStopDateTime>
      <TotalTEUsDischarged>0013</TotalTEUsDischarged>

    <TotalTEUsLoadedForCont>0130</TotalTEUsLoadedForCont>

    <TotalTonnageDischargedForCont>147713.113</TotalTonnageDischargedForCont
  >

    <TotalTonnageLoadedForCont>147813.113</TotalTonnageLoadedForCont>

    <TotalTonDisOtherThanCont>137913.113</TotalTonDisOtherThanCont>

    <TotalTonLoadedOtherThanCont>138013.113</TotalTonLoadedOtherThanCont>
      <TotalTonForAllCargo>1481113.113</TotalTonForAllCargo>

    <CumulativeTotTEUsDischarged>0313</CumulativeTotTEUsDischarged>

    <CumulativeTotTEUsLoaded>1013</CumulativeTotTEUsLoaded>

```

```

<CumulativeTotTonDischarged>148213.113</CumulativeTotTonDischarged>

<CumulativeTotTonLoaded>148313.113</CumulativeTotTonLoaded>

<CumTotTonDisOtherThanCont>138413.113</CumTotTonDisOtherThanCont>

<CumTotTonLoadedOtherThanCont>148513.113</CumTotTonLoadedOtherThanCont>

<CumTotalTonForAllCargo>1486113.113</CumTotalTonForAllCargo>
  <NoOfUnits>1300448713</NoOfUnits>
  <CumNoOfUnits>1300448813</CumNoOfUnits>
  <StevedoreName>stevedorename13013</StevedoreName>
  <Norms>normsfordesc13</Norms>
  <HatchNumber>13</HatchNumber>
  <DetentionAccount>DC1</DetentionAccount>
  <DetentionFrom>26082007</DetentionFrom>
  <DetentionTo>27092007</DetentionTo>
  <DetentionReason>DETENTIONREASONFORCLARIFICATION013</DetentionReason>
  <CargoCasualty>CORGOCASUALTY013</CargoCasualty>
  <NumberOfMoves20>00113</NumberOfMoves20>
  <NumberOfMoves40>00123</NumberOfMoves40>
  <NumberOfMoves45>00133</NumberOfMoves45>
  <LockBox>LK</LockBox>
  <ContainerType>AC</ContainerType>
</Cargo>
<Cargo>
  <RecordType>A</RecordType>
  <VCN>VESSELIDCODE13</VCN>
  <IMONumber>IMONUM001</IMONumber>
  <CallSign>CALLSIGN13</CallSign>
  <VoyageNumber>VOYAGENO13</VoyageNumber>
  <BerthNumber>BNO13</BerthNumber>
  <TOOrDockCode>TERMINALOCODE13</TOOrDockCode>
  <VesselBerthingStatus>1</VesselBerthingStatus>
  <VesselBerthingSubStatus>4</VesselBerthingSubStatus>
  <NatureOfCargo>BB</NatureOfCargo>
  <EquipmentStatus>1</EquipmentStatus>
  <VesselBargeFlag>V</VesselBargeFlag>
  <ShiftOperation>1</ShiftOperation>
  <OperationDateTime>27062006:10:12</OperationDateTime>
  <NoOfGangs>13</NoOfGangs>
  <CommodityCode>1234</CommodityCode>
  <NoOfContHandled>1301</NoOfContHandled>
  <CraneStartedDateTime>27062006:10:10</CraneStartedDateTime>
  <CraneStopDateTime>27062006:10:19</CraneStopDateTime>
  <TotalTEUsDischarged>0013</TotalTEUsDischarged>

  <TotalTEUsLoadedForCont>0130</TotalTEUsLoadedForCont>

  <TotalTonnageDischargedForCont>147713.113</TotalTonnageDischargedForCont>

```



```

>
  <TotalTonnageLoadedForCont>147813.113</TotalTonnageLoadedForCont>
  <TotalTonDisOtherThanCont>137913.113</TotalTonDisOtherThanCont>
  <TotalTonLoadedOtherThanCont>138013.113</TotalTonLoadedOtherThanCont>
    <TotalTonForAllCargo>1481113.113</TotalTonForAllCargo>
  <CumulativeTotTEUsDischarged>0313</CumulativeTotTEUsDischarged>
  <CumulativeTotTEUsLoaded>1013</CumulativeTotTEUsLoaded>
  <CumulativeTotTonDischarged>148213.113</CumulativeTotTonDischarged>
  <CumulativeTotTonLoaded>148313.113</CumulativeTotTonLoaded>
  <CumTotTonDisOtherThanCont>138413.113</CumTotTonDisOtherThanCont>
  <CumTotTonLoadedOtherThanCont>148513.113</CumTotTonLoadedOtherThanC
ont>
  <CumTotalTonForAllCargo>1486113.113</CumTotalTonForAllCargo>
    <NoOfUnits>1300448713</NoOfUnits>
    <CumNoOfUnits>1300448813</CumNoOfUnits>
    <StevedoreName>stevedorename13013</StevedoreName>
    <Norms>normsfordesc13</Norms>
    <HatchNumber>13</HatchNumber>
    <DetentionAccount>DC1</DetentionAccount>
    <DetentionFrom>26082007</DetentionFrom>
    <DetentionTo>27092007</DetentionTo>
  <DetentionReason>DETENTIONREASONFORCLARIFICATION013</DetentionReason
>
  <CargoCasualty>CORGOCASUALTY013</CargoCasualty>
  <NumberOfMoves20>00113</NumberOfMoves20>
  <NumberOfMoves40>00123</NumberOfMoves40>
  <NumberOfMoves45>00133</NumberOfMoves45>
  <LockBox>AB</LockBox>
  <ContainerType>AC</ContainerType>
  </Cargo>
</ShiftWiseCargoDetails>
</DocumentDetails>
<DocumentSummary>
  <IssuedDateTime>27062006122334</IssuedDateTime>
</DocumentSummary>
</TerminalPerformance>

```