



# VIP

# IFTSAI

**Based on forwarding and transport schedule and availability  
information message (UN D 00B.S3)**

Message Implementation Guide

Version 2.0.7/E

(Valid from May 2016)

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## Change History

| Version | Concerned section | Reason  | Name     | Datum      |
|---------|-------------------|---|----------|------------|
| 2.0.4   | All               | <ul style="list-style-type: none"> <li>- Layout, descriptions (div)</li> <li>- Explanation / example of location codes in appendix</li> <li>- Repetitions of SG5 set to 999</li> <li>- Removed from DTM:<br/>s scheduled arrival date<br/>s scheduled departure date</li> </ul> | Schwanke | 2008-05-11 |
| 2.0.5   |                   | <ul style="list-style-type: none"> <li>- 9999999 as IMO no. for unknown vessels</li> <li>- DAKOSY participant codes allowed as carrier codes</li> <li>- Added B/L layout key</li> <li>- DAKOSY voyage no. moved to SG4</li> </ul>   | Schwanke | 2009-11-02 |
| 2.0.6   |                   | <ul style="list-style-type: none"> <li>- Changes in connection with the inclusion of the „Visit-ID/Transit-ID“</li> <li>- Addition of SG4/FTX(2) and SG 6/NAD „Vessel Operator“</li> </ul>  | Kramper  | 2015-03-05 |
| 2.0.7   |                   | <ul style="list-style-type: none"> <li>- Changes in connection with the introduction of the VGM: SG5 DTM (2005) new qualifier „222“</li> </ul>  | Dietrich | 2016-05-19 |

## Change requests

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## Used tools

| Number | Used tools   |
|--------|--|
| W1     | This document was created with the word processing programme <b>MS Word 2010</b> . |

Conditions of validity: This document in its currently applicable version is only valid as of the specified IFTSAI version.

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## **1 Introduction**

The IFTSAI vessel schedule message which is described in this document is part of the Vessel Information Platform (VIP) provided by DAKOSY. It can be used both to send schedules to VIP (e. g. carriers) and to receive schedule data from VIP (e. g. freight forwarders).

The message implementation guide (MIG) is based on the MIG provided by the SMDG (IFTSAI version 2.0 D00B, [www.smdg.org](http://www.smdg.org)). The intention is to provide a description that still complies with the standard but is reduced to the information, codes and qualifiers which are required by VIP. Only when local requirements had to be considered, minor modifications to the standard definition were made, e. g. in order to include references of local port information systems (DAKOSY Voyage number).

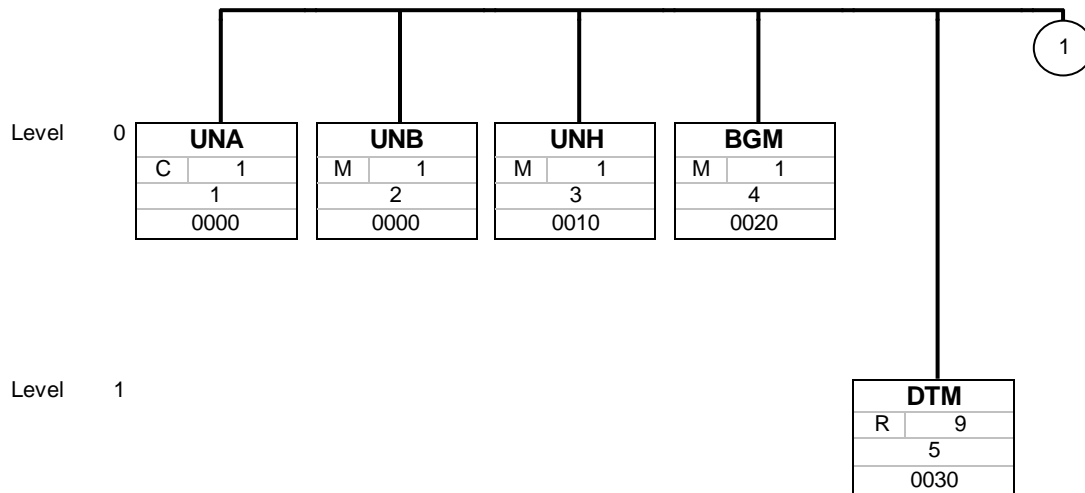
Unlike the classical information system SHIPS that only provided departures from Hamburg und Bremerhaven, VIP covers outbound and inbound schedules from and to European Ports.

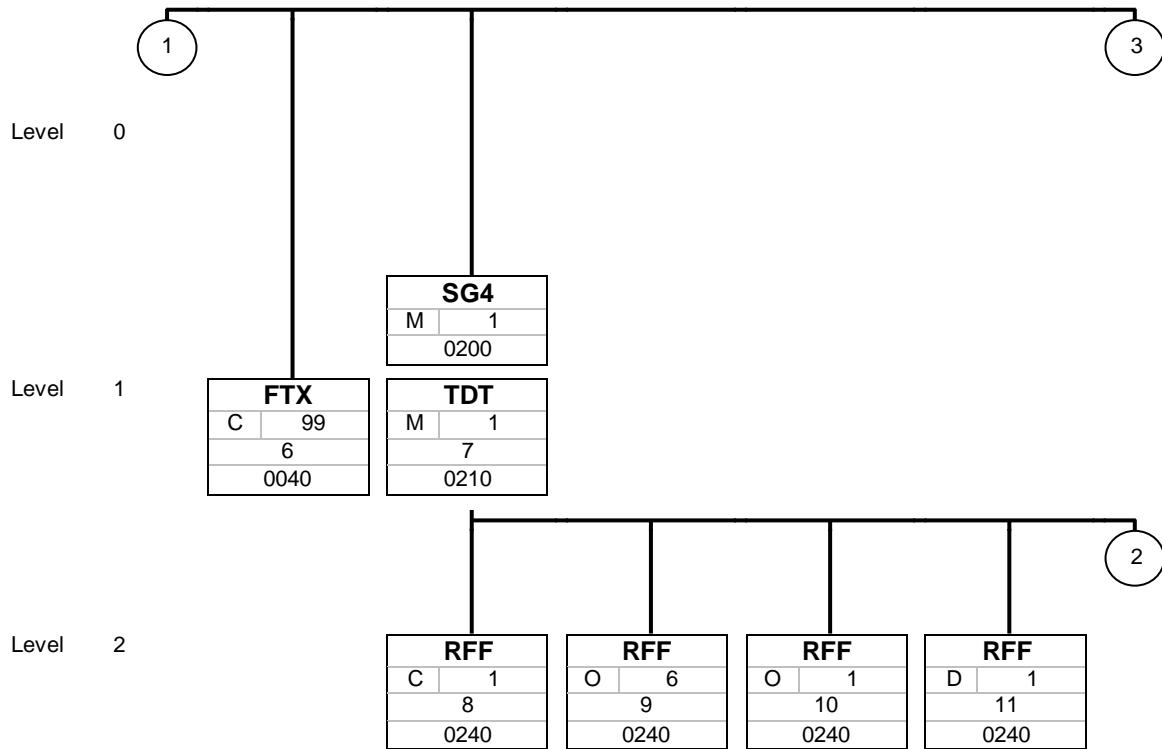


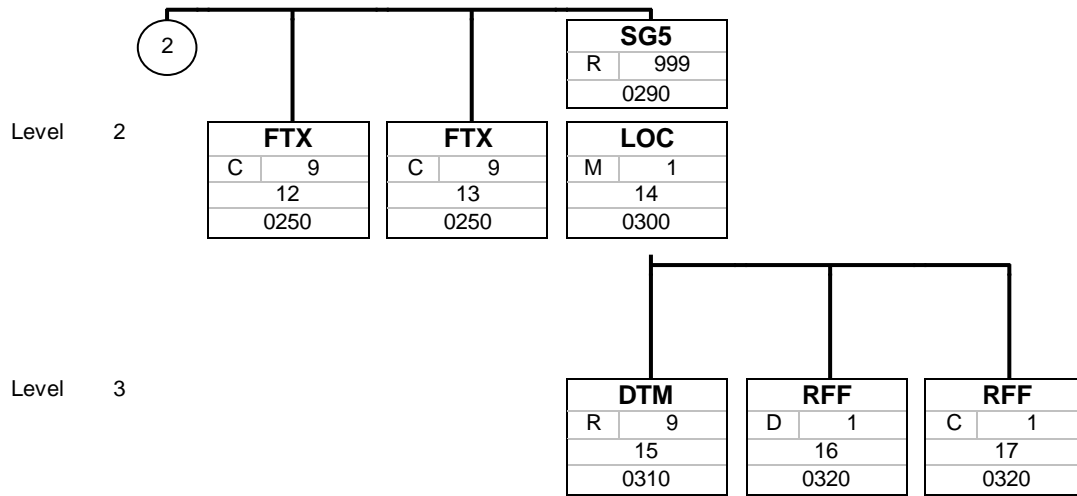
## 2 Message Structure

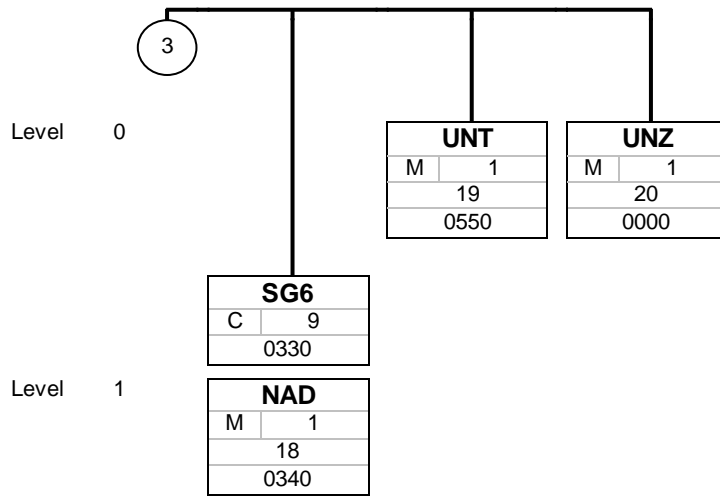
| Counter | No | Tag        | St | MaxOcc | Level | Content                         |
|---------|----|------------|----|--------|-------|---------------------------------|
| 0000    | 1  | <b>UNA</b> | C  | 1      | 0     | Service string advice           |
| 0000    | 2  | <b>UNB</b> | M  | 1      | 0     | Interchange header              |
| 0010    | 3  | <b>UNH</b> | M  | 1      | 0     | Message header                  |
| 0020    | 4  | <b>BGM</b> | M  | 1      | 0     | Beginning of message            |
| 0030    | 5  | <b>DTM</b> | R  | 9      | 1     | Date/time/period                |
| 0040    | 6  | <b>FTX</b> | C  | 99     | 1     | Free text                       |
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-RFF-RFF-RFF-FTX-FTX-SG5 |
| 0210    | 7  | <b>TDT</b> | M  | 1      | 1     | Details of transport            |
| 0240    | 8  | <b>RFF</b> | C  | 1      | 2     | Call Sign                       |
| 0240    | 9  | <b>RFF</b> | O  | 6      | 2     | Reference                       |
| 0240    | 10 | <b>RFF</b> | O  | 1      | 2     | Reference                       |
| 0240    | 11 | <b>RFF</b> | D  | 1      | 2     | DAKOSY Voyage Number            |
| 0250    | 12 | <b>FTX</b> | C  | 9      | 2     | Free text                       |
| 0250    | 13 | <b>FTX</b> | C  | 9      | 2     | Free text                       |
| 0290    |    | <b>SG5</b> | R  | 999    | 2     | LOC-DTM-RFF-RFF                 |
| 0300    | 14 | <b>LOC</b> | M  | 1      | 2     | Place/location identification   |
| 0310    | 15 | <b>DTM</b> | R  | 9      | 3     | Date/time/period                |
| 0320    | 16 | <b>RFF</b> | D  | 1      | 3     | Reference                       |
| 0320    | 17 | <b>RFF</b> | C  | 1      | 3     | B/L Layout key                  |
| 0330    |    | <b>SG6</b> | C  | 9      | 1     | NAD                             |
| 0340    | 18 | <b>NAD</b> | M  | 1      | 1     | Vessel Operator                 |
| 0550    | 19 | <b>UNT</b> | M  | 1      | 0     | Message trailer                 |
| 0000    | 20 | <b>UNZ</b> | M  | 1      | 0     | Interchange trailer             |

## 3 Branching Diagram













| Counter | No | Tag        | St | MaxOcc | Level | Name               |
|---------|----|------------|----|--------|-------|--------------------|
| 0000    | 2  | <b>UNB</b> | M  | 1      | 0     | Interchange header |

| Standard |  |           | Implementation |  |
|----------|--|-----------|----------------|--|
| Tag      | Name                                     | St Format | St Format      | Usage / Remark   |
| UNB      |  |           |                |  |
| S001     | Syntax identifier                        | M         | M              |  |
| 0001     | Syntax identifier                        | M a4      | M a4           |  |
| 0002     | Syntax version number                    | M n1      | M n1           |  |
| S002     | Interchange sender                       | M         | M              |  |
| 0004     | Sender identification                    | M an..35  | M an..35       |  |
| 0007     | Partner identification code<br>qualifier | C an..4   | C an..4        | <b>ZZZ Mutually defined</b>  |
| S003     | Interchange recipient                    | M         | M              |  |
| 0010     | Recipient identification                 | M an..35  | M an..35       |  |
| 0007     | Partner identification code<br>qualifier | C an..4   | C an..4        | <b>ZZZ Mutually defined</b>  |
| S004     | Date/time of preparation                 | M         | M              |  |
| 0017     | Date of preparation                      | M n6      | M n6           |  |
| 0019     | Time of preparation                      | M n4      | M n4           |  |
| 0020     | Interchange control reference            | M an..14  | M an..14       |  |
| 0035     | Test indicator                           | C n1      | C n1           | Please note: If the message shall be sent into<br>production system, this element <b>MUST NOT</b> be<br>set!<br><b>1 Interchange is a test</b> |

**Remark:**

**Example:**

UNB+UNOC:3+HLF:ZZZ+DAKOSY:ZZZ+070507:1739+UNB0REFERENCE+++++1'



| Counter | No | Tag        | St | MaxOcc | Level | Name           |
|---------|----|------------|----|--------|-------|----------------|
| 0010    | 3  | <b>UNH</b> | M  | 1      | 0     | Message header |

|      |                           |    | Standard | Implementation |        |  |
|------|---------------------------|----|----------|----------------|--------|--|
| Tag  | Name                      | St | Format   | St             | Format | Usage / Remark   |
| UNH  |                           |    |          |                |        |  |
| 0062 | Message reference number  | M  | an..14   | M              | an..14 |  |
| S009 | Message identifier        | M  |          | M              |        |  |
| 0065 | Message type              | M  | an..6    | R              | an..6  | <b>IFTSAI Forwarding and transport schedule and availability information</b> |
| 0052 | Message version number    | M  | an..3    | M              | an..3  | <b>D Draft version/UN/EDIFACT Directory</b>                                  |
| 0054 | Message release number    | M  | an..3    | M              | an..3  | <b>00B Release 2000 - B</b>  |
| 0051 | Controlling agency        | M  | an..2    | M              | an..2  | <b>UN UN/CEFACT</b>  |
| 0057 | Association assigned code | C  | an..6    | M              | an..6  | <b>SMDG20</b>  |

**Remark:**

**Example:**

UNH+UNH0REFERENCE+IFTSAI:D:00B:UN:SMDG20'



| Counter | No | Tag        | St | MaxOcc | Level | Name                 |
|---------|----|------------|----|--------|-------|----------------------|
| 0020    | 4  | <b>BGM</b> | M  | 1      | 0     | Beginning of message |

| Standard |                                 |           | Implementation |  |
|----------|---------------------------------|-----------|----------------|--|
| Tag      | Name                            | St Format | St Format      | Usage / Remark   |
| BGM      |                                 |           |                |  |
| C002     | Document/message name           | C         | C              |  |
| 1001     | Document name code              | C an..3   | R an..3        | <b>404 Means of transportation schedule information</b>                                |
| C106     | Document/message identification | C         | C              |  |
| 1004     | Document identifier             | C an..35  | R an..35       | Sender's unique reference number, e.g. 2342. Must be a Unique identifier per Document. |
| 1225     | Message function code           | C an..3   | C an..3        | <b>1 Cancellation</b><br><b>5 Replace</b><br><b>9 Original</b>                         |

**Remark:**

**Example:**

BGM+404+DOCUMENT0REFERENCE+9'



| Counter | No | Tag        | St | MaxOcc | Level | Name             |
|---------|----|------------|----|--------|-------|------------------|
| 0030    | 5  | <b>DTM</b> | R  | 9      | 1     | Date/time/period |

| Standard |  |           | Implementation |   |
|----------|--|-----------|----------------|---|
| Tag      | Name   | St Format | St Format      | Usage / Remark  |
| DTM      |  |           |                |   |
| C507     | Date/time/period                               | M         | M              |   |
| 2005     | Date or time or period function code qualifier | M an..3   | R an..3        | <b>137 Document/message date/time</b>   |
| 2380     | Date or time or period value                   | C an..35  | R an..35       |   |
| 2379     | Date or time or period format code             | C an..3   | R an..3        | <b>203 CCYYMMDDHMM</b><br><b>303 CCYYMMDDHMMZZZ</b><br><b>205 CCYYMMDDHMMZHMM</b> |

**Remark:**  
A segment to indicate date(s) and time(s) applying to the whole message.

**Example:**  
DTM+137:201404201523:203'



| Counter | No | Tag        | St | MaxOcc | Level | Name      |
|---------|----|------------|----|--------|-------|-----------|
| 0040    | 6  | <b>FTX</b> | C  | 99     | 1     | Free text |

|      |                             |    | Standard | Implementation |         |  |
|------|-----------------------------|----|----------|----------------|---------|--|
| Tag  | Name                        | St | Format   | St             | Format  | Usage / Remark   |
| FTX  |                             |    |          |                |         |  |
| 4451 | Text subject code qualifier | M  | an..3    | M              | an..3   | <b>AAI General information</b><br><b>TRA Transportation information</b><br><b>ZZZ Mutually defined</b> |
| C108 | Text literal                | C  |          | C              |         |  |
| 4440 | Free text value             | M  | an..512  | M              | an..512 |  |
| 4440 | Free text value             | C  | an..512  | C              | an..512 |  |
| 4440 | Free text value             | C  | an..512  | C              | an..512 |  |
| 4440 | Free text value             | C  | an..512  | C              | an..512 |  |
| 4440 | Free text value             | C  | an..512  | C              | an..512 |  |

**Remark:**

**Example:**

F'TX+AAI+++GLOBAL ALLIANCE:X:X:X:X'



| Counter | No | Tag        | St | MaxOcc | Level | Name                 |
|---------|----|------------|----|--------|-------|----------------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5      |
| 0210    | 7  | <b>TDT</b> | M  | 1      | 1     | Details of transport |

| Standard |  |           | Implementation |   |
|----------|--|-----------|----------------|---|
| Tag      | Name   | St Format | St Format      | Usage / Remark  |
| TDT      |  |           |                |   |
| 8051     | Transport stage code qualifier                 | M an..3   | M an..3        | <b>20 Main-carriage transport</b>   |
| 8028     | Means of transport journey identifier          | C an..17  | R an..17       | The specification of a clear and unique carriage or Carrier's internal voyage number is required. If the number is not available, an internal voyage number will be assigned by VIP.  |
| C220     | Mode of transport                              | C         | C              |   |
| 8067     | Transport mode name code                       | C an..3   | O an..3        | <b>1 Maritime transport</b>   |
| C228     | Transport means                                | C         | C              |   |
| 8179     | Transport means description code               | C an..8   | C an..8        | <b>8 Container ship</b><br><b>66 Roll on - roll off vessel</b><br><b>67 Ferry</b><br><b>3 Dry bulk carrier</b><br><b>11 Ship</b><br><b>13 Ocean vessel</b><br><b>50 Passenger vessel</b><br><b>52 General cargo vessel</b><br><b>54 Liquefied Petroleum Gas (LPG) carrier</b><br><b>55 Liquefied Natural Gas (LNG) carrier</b><br><b>56 Grain carrier</b><br><b>59 Steel products vessel</b><br><b>63 Ore carrier</b><br><b>1 Barge chemical tanker</b> |
| 8178     | Transport means description                    | C an..17  | C an..17       |   |
| C040     | Carrier  | C         | R              |   |
| 3127     | Carrier identifier                             | C an..17  | R an..4        |   |
| 1131     | Code list identification code                  | C an..17  | C an..17       | <b>172 Carriers</b>   |
| 3055     | Code list responsible agency code              | C an..3   | C an..3        | <b>182 US, Standard Carrier Alpha Code (Motor)</b><br><b>87 Assigned by carrier</b><br><b>ZZZ Mutually defined</b><br>ZZZ only allowed, if no SCAC is available, i. e. liner agents, NVOCC  |
| 3128     | Carrier name                                   | C an..35  | C an..35       |   |
| C222     | Transport identification                       | C         | R              |   |
| 8213     | Transport means identification name identifier | C an..9   | R N7           | Only the IMO-number will be accepted. If the exact vessel name is unknown, 9999999 will be accepted.  |
| 1131     | Code list identification code                  | C an..17  | C an..17       | <b>146 Means of transport identification</b>  |
| 3055     | Code list responsible agency code              | C an..3   | C an..3        | <b>11 Lloyd's register of shipping</b>  |
| 8212     | Transport means identification name            | C an..35  | C an..35       |   |
| 8453     | Transport means nationality code               | C an..3   | C an..3        | ISO country code, e.g. GB for United Kingdom, DE for Germany  |

**Remark:**

**Example:**

TDT+20+89206+1+11:MEANSOFTRANSPORTTYPE+HLCU:172:182:HAPAG LLOYD+++8902541:146:11:LEVERKUSEN EX  
PRESS:AD'

| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5 |
| 0240    | 8  | <b>RFF</b> | C  | 1      | 2     | Call Sign       |

|      |                          |    | Standard | Implementation |        |  |
|------|--------------------------|----|----------|----------------|--------|--|
| Tag  | Name                     | St | Format   | St             | Format | Usage / Remark   |
| RFF  |                          |    |          |                |        |  |
| C506 | Reference                | M  | M        | M              |        |  |
| 1153 | Reference code qualifier | M  | an..3    | M              | an..3  | <b>VM Vessel identification</b><br>Call Sign<br>Since the IMO-number is used in the TDT-segment to identify a vessel, the call sign might only be sent in a RFF. |
| 1154 | Reference identifier     | C  | an..70   | R              | an..70 |  |

**Remark:**

**Example:**

RFF+VM:98E45'



| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5 |
| 0240    | 9  | <b>RFF</b> | O  | 6      | 2     | Reference       |

| Standard |                          |           | Implementation |   |
|----------|--------------------------|-----------|----------------|---|
| Tag      | Name                     | St Format | St Format      | Usage / Remark  |
| RFF      |                          |           |                |   |
| C506     | Reference                | M         | M              | <b>VON Voyage number</b><br>Import voyage number must be set in case of arrivals<br><b>CRN Conveyance reference number</b><br>Carrier's internal voyage number.<br><b>ZZZ Mutually defined reference number</b><br><b>CN Carrier's reference number</b> |
| 1153     | Reference code qualifier | M an..3   | M an..3        |   |
| 1154     | Reference identifier     | C an..70  | C an..70       |   |

**Remark:**

**Example:**

RFF+VON:789345'



| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5 |
| 0240    | 10 | <b>RFF</b> | O  | 1      | 2     | Reference       |

| Standard |                          |           | Implementation |  |
|----------|--------------------------|-----------|----------------|--|
| Tag      | Name                     | St Format | St Format      | Usage / Remark   |
| RFF      |                          |           |                |  |
| C506     | Reference                | M         | M              |  |
| 1153     | Reference code qualifier | M an..3   | M an..3        | <b>ANK Reference number assigned by third party</b><br>Specifies if the journey/schedule may be published in DVZ. The indicator is only required, if the data must not be published. |
| 1154     | Reference identifier     | C an..70  | C an..1        | <b>J schedules are published by DVZ</b><br><b>N schedules are not published by DVZ</b><br>Default value is 'J' and will be assumed if this segment is left out.                      |

**Remark:**

**Example:**

RFF+ANK: J'  
RFF+ANK: '  
RFF+ANK: N'



| Counter | No | Tag        | St | MaxOcc | Level | Name                 |
|---------|----|------------|----|--------|-------|----------------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5      |
| 0240    | 11 | <b>RFF</b> | D  | 1      | 2     | DAKOSY Voyage Number |

|      |                          |  | Standard  | Implementation |                                 |
|------|--------------------------|--|-----------|----------------|---------------------------------|
| Tag  | Name                     |  | St Format | St Format      | Usage / Remark                  |
| RFF  |                          |  |           |                |                                 |
| C506 | Reference                |  | M         | M              |                                 |
| 1153 | Reference code qualifier |  | M an..3   | M an..3        | <b>DAK DAKOSY voyage number</b> |
| 1154 | Reference identifier     |  | C an..70  | C an7          |                                 |

**Remark:**

The voyage number is only available with Hamburg or Bremerhaven as port of loading.  
The number is created by VIP and will NOT be transmitted by the carriers.

**Example:**

RFF+DAK:HLF1234'

| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5 |
| 0250    | 12 | <b>FTX</b> | C  | 9      | 2     | Free text       |

|      |                             |    | Standard | Implementation |         |                                |
|------|-----------------------------|----|----------|----------------|---------|--------------------------------|
| Tag  | Name                        | St | Format   | St             | Format  | Usage / Remark                 |
| FTX  |                             |    |          |                |         |                                |
| 4451 | Text subject code qualifier | M  | an..3    | M              | an..3   | <b>AAI General information</b> |
| C108 | Text literal                | C  |          | C              |         |                                |
| 4440 | Free text value             | M  | an..512  | M              | an..512 |                                |
| 4440 | Free text value             | C  | an..512  | C              | an..512 |                                |

**Remark:**

**Example:**

FTX+AAI+++Additional information on voyage level:::X'

| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 0200    |    | <b>SG4</b> | M  | 1      | 1     | TDT-RFF-FTX-SG5 |
| 0250    | 13 | <b>FTX</b> | C  | 9      | 2     | Free text       |

| Standard |                             |           | Implementation |   |
|----------|-----------------------------|-----------|----------------|---|
| Tag      | Name                        | St Format | St Format      | Usage / Remark  |
| FTX      |                             |           |                |   |
| 4451     | Text subject code qualifier | M an..3   | M an..3        | <b>SSR Special service request</b><br>Request VISIT-ID/Transit-ID, only valid in connection with NAD+CPE - standard value = "N" (available / not required)<br><b>J VISIT-ID/Transit-ID Application for potential ports</b><br><b>N VISIT-ID/Transit-ID available / not required</b> |
| 4453     | Free text function code     | C an..3   | C an..3        |   |

**Remark:**

In case of transits (request for an transit ID) a port of call (SG5/LOC/composit 3227 = 153) with UNLOCODE = ZZNOK and the corresponding date/times of departure and arrival have to be specified.

**Example:**

F'TX+SSR+J'



| Counter   | No | Tag        | St | MaxOcc | Level | Name                                 |
|---|----|------------|----|--------|-------|--------------------------------------|
| 0290  |    | <b>SG5</b> | R  | 999    | 2     | <b>LOC-DTM-RFF</b>                   |
| <p>The standard on which this guide is based defines 99 repetitions. Due to the requirements of the transport industry the number has been increased by SMDG up to 999 in order to get the places of acceptance and delivery related to a main port. Subsequent standards will adopt the higher number.</p> |    |            |    |        |       |                                      |
| 0300  | 14 | <b>LOC</b> | M  | 1      | 2     | <b>Place/location identification</b> |

| Standard   |                                     |           | Implementation |  |
|------------|-------------------------------------|-----------|----------------|--|
| Tag        | Name                                | St Format | St Format      | Usage / Remark   |
| <b>LOC</b> |                                     |           |                |  |
| 3227       | Location function code qualifier    | M an..3   | M an..3        | <b>7 Place of delivery</b><br><b>9 Place/port of loading</b><br><b>11 Place/port of discharge</b><br><b>13 Place of transhipment</b><br><b>65 Final port or place of discharge</b><br><b>88 Place of receipt</b><br><b>153 Port of call</b><br><b>10 Place of acceptance</b>                     |
| C517       | Location identification             | C         | R              |  |
| 3225       | Location name code                  | C an..25  | R an..5        | Only UN location codes are allowed.  |
| 1131       | Code list identification code       | C an..17  | M an..17       | <b>139 Port</b>  |
| 3055       | Code list responsible agency code   | C an..3   | R an..3        | <b>6 UNECE (United Nations - Economic Commission for Europe)</b>   |
| 3224       | Location name                       | C an..256 | C an..256      |  |
| C519       | Related location one identification | C         | D              | Terminal<br>Has to be assigned to: Port of Loading (Export schedule) or Port of Discharge (Import schedule)<br>Required for Hamburg as Port of Loading<br>Hamburg: four letter code DAKOSY-Code<br>Code list available on: <a href="http://www.dakosy-direct.de">http://www.dakosy-direct.de</a> |
| 3223       | First related location name code    | C an..25  | D an..25       | Hamburg: four letter code DAKOSY-Code<br>Code list available on: <a href="http://www.dakosy-direct.de">http://www.dakosy-direct.de</a>   |
| 1131       | Code list identification code       | C an..17  | C an..17       | <b>72 Container terminal</b>   |
| 3055       | Code list responsible agency code   | C an..3   | C an..3        | <b>6 UNECE (United Nations - Economic Commission for Europe)</b><br><b>ZZZ Mutually defined</b>  |
| 3222       | First related location name         | C an..70  | C an..70       |  |
| C553       | Related location two identification | C         | C              | Packing Facility, if available   |
| 3233       | Second related location name code   | C an..25  | C an..25       |  |
| 1131       | Code list identification code       | C an..17  | C an..17       | <b>263 Packing and/or unpacking facility</b>   |
| 3055       | Code list responsible agency code   | C an..3   | C an..3        | <b>6 UNECE (United Nations - Economic Commission for Europe)</b><br><b>ZZZ Mutually defined</b>  |
| 3232       | Second related location name        | C an..70  | C an..70       |  |
| 5479       | Relation code                       | C an..3   | C an..3        |  |

**Remark:**

A segment to identify a location, e.g. port of departure/arrival, place of acceptance and delivery  
 If a vessel calls at more than one terminal (e.g. feeder schedule), the port of loading has to be sent two times.  
 Terminal and packing facility:  
 Two terminals at one port of loading (feeder vessel):  
 Packing facility without specifying the container terminal:

**Example:**

LOC+9+DEHAM:139:6:HAMBURG+BK9:72:ZZZ:CONTAINER TERMINAL BURCHARDKAI+BK5:263:ZZZ:Packing Facility+1'  
 LOC+9+DEHAM:139:6:HAMBURG+BK9:72:ZZZ:CONTAINER TERMINAL BURCHARDKAI+BK5:263:ZZZ:Packing Facility'  
 LOC+9+DEHAM:139:6:HAMBURG+EUR:72:ZZZ'  
 LOC+9+DEHAM:139:6:HAMBURG+BK9:72:ZZZ'  
 LOC+9+DEHAM:139:6:HAMBURG++PCH:263:ZZZ'



| Counter | No | Tag        | St | MaxOcc | Level | Name             |
|---------|----|------------|----|--------|-------|------------------|
| 0290    |    | <b>SG5</b> | R  | 999    | 2     | LOC-DTM-RFF      |
| 0310    | 15 | <b>DTM</b> | R  | 9      | 3     | Date/time/period |

| Standard |  |           | Implementation |   |
|----------|--|-----------|----------------|---|
| Tag      | Name   | St Format | St Format      | Usage / Remark  |
| DTM      |  |           |                |   |
| C507     | Date/time/period                               | M         | M              |   |
| 2005     | Date or time or period function code qualifier | M an..3   | M an..3        | <b>132 Arrival date/time, estimated</b><br><b>133 Departure date/time, estimated</b><br><b>180 Closing date/time</b><br>Closing date/time for FCL: Ultimate date/time at which a container can be delivered to a terminal.<br><b>262 Closure date/time/period</b><br>Closing date/time for LCL/break bulk: Ultimate date/time at which a consignment can be delivered to a break bulk terminal or a packing facility.<br><b>756 Closing time for transmission of customs data according to 24h-rule (e.g. AMS, ACI)</b><br>All closing times are related to the port of loading.<br><b>189 Departure date/time, scheduled</b><br><b>232 Arrival date/time, scheduled</b><br><b>222 Presentation date, latest</b><br>VGM Cut Off date/time. Latest date for presentation of verified gross mass details. |
| 2380     | Date or time or period value                   | C an..35  | C an..35       |   |
| 2379     | Date or time or period format code             | C an..3   | C an..3        | <b>102 CCYYMMDD</b><br><b>203 CCYYMMDDHHMM</b><br><b>205 CCYYMMDDHHMMZHHMM</b><br><b>303 CCYYMMDDHHMMZZZ</b>  |

**Remark:**

A segment to indicate date(s) and time(s) related to the location, e.g. date/time of scheduled departure/arrival.

**Example:**

DTM+133:20150301:102'



| Counter | No | Tag        | St | MaxOcc | Level | Name        |
|---------|----|------------|----|--------|-------|-------------|
| 0290    |    | <b>SG5</b> | R  | 999    | 2     | LOC-DTM-RFF |
| 0320    | 16 | <b>RFF</b> | D  | 1      | 3     | Reference   |

| Standard |                          |           | Implementation |  |
|----------|--------------------------|-----------|----------------|--|
| Tag      | Name                     | St Format | St Format      | Usage / Remark   |
| RFF      |                          |           |                |  |
| C506     | Reference                | M         | M              |  |
| 1153     | Reference code qualifier | M an..3   | M an..3        | Voyage number used by a local port information system, e.g. Port Infolink, dbh or DAKOSY. The numbers are currently assigned by VIP. It will NOT be transmitted by the Carrier.<br><br>The dbh-SIS number will be transmitted, if the port of loading DEBRE or DEBRV is part of the journey. The SIS number has to be assigned at the port of discharge.<br><b>DBH DbhVoyage</b> |
| 1154     | Reference identifier     | C an..70  | C an..7        |  |

**Remark:**

**Example:**

RFF+DBH:A123456'



| Counter | No | Tag        | St | MaxOcc | Level | Name           |
|---------|----|------------|----|--------|-------|----------------|
| 0290    |    | <b>SG5</b> | R  | 999    | 2     | LOC-DTM-RFF    |
| 0320    | 17 | <b>RFF</b> | C  | 1      | 3     | B/L Layout key |

| Standard |                          |           | Implementation |                                      |
|----------|--------------------------|-----------|----------------|--------------------------------------|
| Tag      | Name                     | St Format | St Format      | Usage / Remark                       |
| RFF      |                          |           |                |                                      |
| C506     | Reference                | M         | M              |                                      |
| 1153     | Reference code qualifier | M an..3   | M an..3        | <b>AJW Technical document number</b> |
| 1154     | Reference identifier     | C an..70  | R an3          | DAKOSY B/L layout key                |

**Remark:**

DAKOSY three letter layout key specifying the layout of a carrier's document, related to a port of discharge.

**Example:**

RFF+AJW: 305 \*



| Counter | No | Tag        | St | MaxOcc | Level | Name                   |
|---------|----|------------|----|--------|-------|------------------------|
| 0330    |    | <b>SG6</b> | C  | 9      | 1     | <b>NAD</b>             |
| 0340    | 18 | <b>NAD</b> | M  | 1      | 1     | <b>Vessel Operator</b> |

| Standard |                                   |           | Implementation |  |
|----------|-----------------------------------|-----------|----------------|--|
| Tag      | Name                              | St Format | St Format      | Usage / Remark   |
| NAD      |                                   |           |                |  |
| 3035     | Party function code qualifier     | M an..3   | M an..3        | Party who chartered the vessel, NOT the vessel owner.<br><b>CPE Vessel master</b>  |
| C082     | Party identification details      | C         | C              |  |
| 3039     | Party identifier                  | M an..35  | M an..4        | SCAC from TDT (field 3127)   |
| 1131     | Code list identification code     | C an..17  | C an..17       | <b>172 Carriers</b>  |
| 3055     | Code list responsible agency code | C an..3   | C an..3        | <b>182 US, Standard Carrier Alpha Code (Motor)</b><br><b>ZZZ Mutually defined</b><br>ZZZ only allowed, if no SCAC is available, i.e. liner agents, NVOCC |

**Remark:**

**Example:**

NAD+CPE+HLCU:172:182'

| Counter | No | Tag        | St | MaxOcc | Level | Name            |
|---------|----|------------|----|--------|-------|-----------------|
| 0550    | 19 | <b>UNT</b> | M  | 1      | 0     | Message trailer |

|      |                                   |    | Standard | Implementation |        |                |
|------|-----------------------------------|----|----------|----------------|--------|----------------|
| Tag  | Name                              | St | Format   | St             | Format | Usage / Remark |
| UNT  |                                   |    |          |                |        |                |
| 0074 | Number of segments in the message | M  | n..6     | M              | n..6   |                |
| 0062 | Message reference number          | M  | an..14   | M              | an..14 |                |

**Remark:**

**Example:**

UNT+15+UNHREFERENCE'

| Counter | No | Tag | St | MaxOcc | Level | Name                |
|---------|----|-----|----|--------|-------|---------------------|
| 0000    | 20 | UNZ | M  | 1      | 0     | Interchange trailer |

|      |                               |    | Standard | Implementation |        |                |
|------|-------------------------------|----|----------|----------------|--------|----------------|
| Tag  | Name                          | St | Format   | St             | Format | Usage / Remark |
| UNZ  |                               |    |          |                |        |                |
| 0036 | Interchange control count     | M  | n..6     | M              | n..6   |                |
| 0020 | Interchange control reference | M  | an..14   | M              | an..14 |                |

**Remark:**

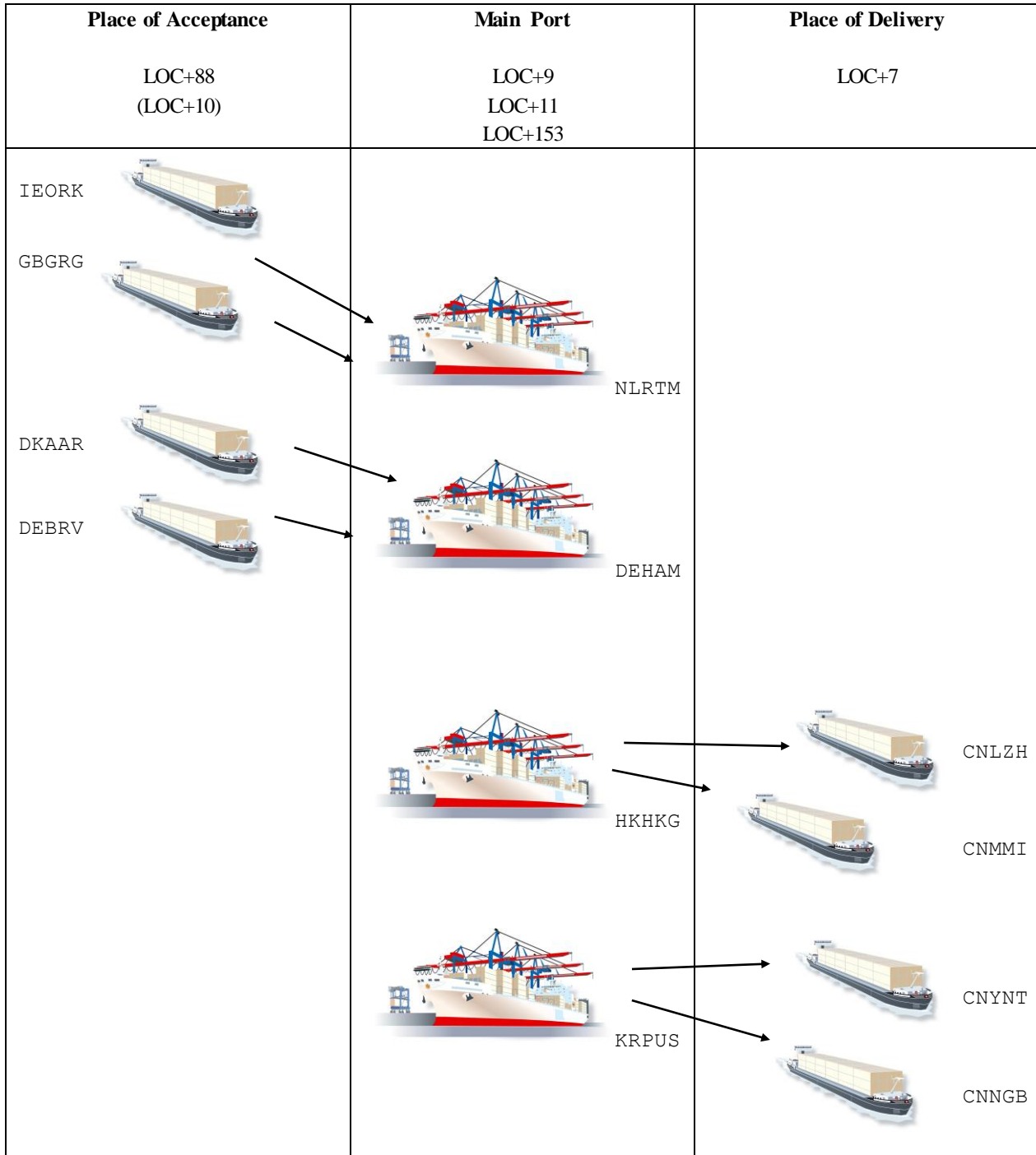
**Example:**

UNZ+1+UNB0REFERENCE'



## 5 Appendix

The following figure illustrates the usage of location codes in SG5. In order to distinguish main ports and those ports which are served by feeder operators, qualifiers should be used as shown:





| Segment  | Description   |
|--|---|
| UNH+REF123456+IFTSAI:D:00B:UN:SMDG20'                              |   |
| BGM+404+0123453+9'   |   |
| DTM+137:200811101203:203'  |   |
| FTX+AAI+++VESSEL ARRIVAL/DEPARTURE<br>SCHEDULE'                    |   |
| TDT+20+830293+1++HLCU:172:182+++9305685:1<br>46:11:TEST VESSEL:DE' |   |
| RFF+VON:061A'  | Call Sign   |
| ...  |   |
| LOC+88+IEORK:139:6'  | Place of Receipt, operated by<br>feeder, serving for the Port of<br>Loading NLRTM |
| DTM+133:20081120:102'  |   |
| LOC+88+GBGRG:139:6'  | Another Place of Receipt, serving<br>for the Port of Loading NLRTM                |
| DTM+133:20081121:102'  |   |
| <b>LOC+9+NLRTM:139:6+00060936:72:6'</b>                            | <b>Port of Loading,<br/>Main port</b>   |
| DTM+132:200812260700:203'  | Arrival Date of ocean going vessel  |
| DTM+133:200812280500:203'  | ETS   |
| ...  |   |
| LOC+88+DKAAR:139:6'  |   |
| DTM+133:20081124:102'  |   |
| LOC+88+FITKU:139:6'  |   |
| DTM+133:20081124:102'  |   |
| LOC+88+DEBRV:139:6'  |   |
| DTM+133:20081126:102'  |   |
| <b>LOC+9+DEHAM:139:6+CTA:72:6'</b>                                 | <b>Port of Loading and terminal code</b>  |
| DTM+180:200811261100:203'  |   |
| DTM+132:200811272200:203'  | Arrival at terminal, estimated  |
| DTM+133:200811291900:203'  | Departure date and time, estimated  |
| ...  |   |
| <b>LOC+11+HKHKG:139:6+00463632:72:6'</b>                           |   |
| DTM+132:200812211500:203'  |   |
| DTM+133:200812260001:203'  |   |
| LOC+7+CNLZH:139:6'   |   |
| DTM+132:20090104:102'  |   |
| LOC+7+CNMMI:139:6'   |   |
| DTM+132:20090103:102'  |   |
| ...  |   |
| LOC+88+JPKIJ:139:6'  |   |
| DTM+133:20081222:102'  |   |
| <b>LOC+153+KRPUS:139:6+00951704:72:6'</b>                          | <b>Main Port where both loading and<br/>unloading operations are done</b>         |
| DTM+132:200901021500:203'  |   |
| DTM+133:200901030100:203'  |   |
| LOC+7+CNYNT:139:6'   |   |
| DTM+132:20090108:102'  |   |

| Segment               | Description |
|-----------------------|-------------|
| LOC+7+CNGB:139:6'     |             |
| DTM+132:20090107:102' |             |
| ...                   |             |
| UNT+347+REF123456'    |             |