INTTRA eVGM Service
From INTTRA to Submitter

Implementation Guide for:
APERAK (In response to a VERMAS Transaction)
EDIFACT Version D Release 04A

User Guide
Version 1.2

April 20, 2017
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I. **Audience**

This document is intended for business, technical and EDI personnel engaged in electronic connection with INTTRA for the purpose of sending an application error and acknowledgment EDI APERAK in response to a submitted EDI transaction.

The following sections provide information regarding General Conventions, Message Flow, and Message Specifications. Additional reference guides for purposes of establishing Internet based file exchange are also identified.

II. **Business Process Rules**

APERAK Transactions are generated and sent one per container. If an inbound VERMAS transaction contains multiple containers INTTRA will respond with multiple APERAKs one for each container in the transaction.

Message is used to support the delivery of the APERAK as an application error and acknowledgment transaction via INTTRA-Link.

1. INTTRA receives VERMAS transaction performs business logic and sends an APERAK (for each container of the inbound VERMAS transaction).
2. INTTRA sends an APERAK transaction (for each container of the inbound VERMAS transaction) when a CONTRL transaction is received from the Carrier in response to receiving a VERMAS transaction.
3. INTTRA sends an APERAK transaction (for each container of the inbound VERMAS transaction) when an APERAK is received from the Carrier in response to a VERMAS transaction.

III. **General Conventions**

A. **Implementation**

Version 1.0 of the INTTRA APERAK Message represents the EDI transaction format by which INTTRA sends errors and acknowledgments whether or not the submitted transaction was successfully processed by INTTRA and Carrier/Terminal’s system.

All examples of Segment data are provided as guides only and not to be taken literally.

The Segment/Element Attributes in this document are defined as:

- M= Mandatory
- O= Optional
- C= Conditional
A. INTTRA receives a VERMAS transaction from a Submitter and creates and sends VERMAS transaction to the Carrier/Terminal. If the inbound VERMAS transaction contains multiple containers INTTRA will create and send multiple VERMAS transaction (one for each container) to the Carrier/Terminal.

B. INTTRA sends CONTRL transaction to the Submitter (see INTTRA VGM CONTRL IG) in response to the VERMAS transaction.

C. INTTRA sends an APERAK to the Submitter for each container in the VERMAS transaction reporting acceptance or rejection by INTTRA.

D. INTTRA sends VERMAS transaction to the Carrier/Terminal (one for each container in the VERMAS transaction received from the submitter).

E. INTTRA receives CONTRL transaction from the Carrier/Terminal in response to VERMAS transactions.

F. INTTRA sends an APERAK to the Submitter for each VERMAS transaction acknowledged by the Carrier/Terminal (receipt of a CONTRL transaction from the carrier/terminal).

G. INTTRA receives an APERAK from the Carrier/Terminal indicating acceptance or rejection of the VERMAS transaction.

H. INTTRA sends an APERAK to the Submitter for each APERAK received from the Carrier/Terminal reporting acceptance or rejection of the VERMAS transaction.

Carrier/Terminal may send CONTRL only APERAK only or both transactions. APERAKs will be sent to submitter accordingly. So submitter may only receive (F) Acknowledgment APERAK or (H) Acceptance or Rejection APERAK or both.
V. APERAK Message Revision History

A. Changes from version 1.1 (September 9, 2016) to version 1.2 (April 20, 2017)

0020-BGM activated element C106,1004 and increased the maximum limit to 70 characters.
Added the following notes;

When populated this element will contain the "Transaction unique identifier" of the submitted VERMAS
transaction or the "Shipment Identification number" of the IFTMIN transaction when the VGM is submitted
within an IFTMIN transaction.

For "INTTRA" APERAKS it will always be populated.

For "Carrier" APERAKS it will only be populated if the customer preference "Unique Identifier" is activated.
The element will only be populated if the VGM was submitted via a VERMAS transaction or an IFTMIN
transaction with VGM information.

0120-NAD Group 3 increased the max use from 1 to 2.

0130-NAD added the following notes;

When "Submitter Party Details" customer preference is activated the Submitter of the VGM will also be
returned.

NAD+TB+808276::192++SUBMITTER

0130-NAD-3035 activated party function code “TB” Submitter

0140-CTA has been deactivated.

0150-COM has been deactivated.

B. Changes from version 1.0 (August 5, 2016) to version 1.1 (September 9, 2016)

0020-BGM removed element C106,1004 and activated element C002,1000
0090-RFF Group 2 modified note
Appendix 1 and 2 updated APERAK examples
# VI. APERAK Message Specification

## C. Message Hierarchy

<table>
<thead>
<tr>
<th>Page No.</th>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Group Repeat</th>
<th>Notes and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>0005</td>
<td>UNB</td>
<td>Interchange Header</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>0010</td>
<td>UNH</td>
<td>Message Header</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>0020</td>
<td>BGM</td>
<td>Beginning of Message</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>0030</td>
<td>DTM</td>
<td>Date/Time/Period</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0040</td>
<td>FTX</td>
<td>Free Text</td>
<td>C</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0050</td>
<td>CNT</td>
<td>Control Total</td>
<td>C</td>
<td>9</td>
<td></td>
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</tr>
<tr>
<td>Not Used</td>
<td>0060</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0070</td>
<td>DOC</td>
<td>Document/Message Details</td>
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<td>1</td>
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<tr>
<td>Not Used</td>
<td>0080</td>
<td>DTM</td>
<td>Date/Time/Period</td>
<td>C</td>
<td>99</td>
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</tr>
<tr>
<td></td>
<td>0090</td>
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<tr>
<td>15</td>
<td>0100</td>
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<td>DTM</td>
<td>Date/Time/Period</td>
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<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0120</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>0130</td>
<td>NAD</td>
<td>Name and Address</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0140</td>
<td>CTA</td>
<td>Contact Information</td>
<td>O</td>
<td>1</td>
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<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0150</td>
<td>COM</td>
<td>Communication Contact</td>
<td>C</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0160</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>0170</td>
<td>ERC</td>
<td>Application Error Information</td>
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<td>1</td>
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</tr>
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<td>0180</td>
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<td></td>
</tr>
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<td>Not Used</td>
<td>0190</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>RFF</td>
<td>Reference</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0210</td>
<td>FTX</td>
<td>Free Text</td>
<td>C</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>0220</td>
<td>UNT</td>
<td>Message Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>25</td>
<td>0230</td>
<td>UNZ</td>
<td>Interchange Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Segment: **UNB** Interchange Header

Position: 0005

Group: 

Level: 0

Usage: Mandatory

Max Use: 1

**Purpose:** To start, identify and specify an interchange

**Business Rules:** Variable Name: UNB

**Notes:** UNB+UNOC:3+INTTRA:ZZZ+SUBMITTER_ID:ZZZ+170317:1242+7200192

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>S001</td>
<td>SYNTAX IDENTIFIER</td>
<td>M 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>S001</td>
<td>Syntax identifier</td>
<td>M a4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identification of the agency controlling the syntax and indication of syntax level.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Coded identification of the agency controlling a syntax and syntax level used in an interchange.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UNOC  UN/ECE level C</td>
<td></td>
</tr>
<tr>
<td>0002</td>
<td>SYNTAX IDENTIFIER</td>
<td>M n1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0002</td>
<td>Syntax version number</td>
<td>M an..35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Version number of the syntax identified in the syntax identifier (0001).</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3  Version 3</td>
<td></td>
</tr>
<tr>
<td>S002</td>
<td>INTERCHANGE SENDER</td>
<td>M 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0004</td>
<td>Sender identification</td>
<td>M an..35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Name or coded representation of the sender of a data interchange.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTTRA</td>
<td></td>
</tr>
<tr>
<td>0007</td>
<td>INTERCHANGE SENDER</td>
<td>M an..4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0007</td>
<td>Partner identification code qualifier</td>
<td>M an..4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Qualifier referring to the source of codes for the identifiers of interchanging partners.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ZZZ  Mutually defined</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mutually defined between trading partners.</td>
<td></td>
</tr>
<tr>
<td>S003</td>
<td>INTERCHANGE RECIPIENT</td>
<td>M 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0008</td>
<td>Address for reverse routing</td>
<td>C an..14</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identification of the recipient of the interchange.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0010</td>
<td>Recipient identification</td>
<td>M an..35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Name or coded representation of the recipient of a data interchange.</td>
<td></td>
</tr>
<tr>
<td>0007</td>
<td>INTERCHANGE RECIPIENT</td>
<td>M an..4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0007</td>
<td>Partner identification code qualifier</td>
<td>M an..4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Qualifier referring to the source of codes for the identifiers of interchanging partners.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
</tbody>
</table>
ZZZ  Mutually defined
     Mutually defined between trading partners.

Not Used  0014  Routing address        C  an..14

S004  DATE AND TIME OF PREPARATION   M   1
     Date and time of preparation of the interchange.

0017  Date of preparation             M  n6
     Local date when an interchange or a functional group was prepared.

0019  Time of preparation              M  n4
     Local time of day when an interchange or a functional group was prepared.

0020  INTERCHANGE CONTROL REFERENCE    M  1  an..14
     Unique reference assigned by the sender to an interchange.

Not Used  S005  RECIPIENTS REFERENCE PASSWORD   C  1
     Reference or password as agreed between the communicating partners.

Not Used  0022  Recipient reference/password   M  an..14
     Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.

Not Used  0025  Recipient reference/password qualifier   C  an2
     Qualifier for the recipient's reference or password.
     Refer to D.04A Data Element Dictionary for acceptable code values.

Not Used  0026  APPLICATION REFERENCE    C  1  an..14

Not Used  0029  PROCESSING PRIORITY CODE  C  1  a1
     Refer to D.04A Data Element Dictionary for acceptable code values.

Not Used  0031  ACKNOWLEDGEMENT REQUEST   C  1  n1
     Refer to D.04A Data Element Dictionary for acceptable code values.

Not Used  0032  COMMUNICATIONS AGREEMENT ID  C  1  an..35

Not Used  0035  TEST INDICATOR            C  1  n1
     Refer to D.04A Data Element Dictionary for acceptable code values.
Segment: **UNH** Message Header

Position: 0010

Group: 
Level: 0
Usage: Mandatory
Max Use: 1

Purpose: A service segment starting and uniquely identifying a message. The message type code for the Application error and acknowledgement message is APERAK.

Notes: UNH+001+APERAK:D:04A:UN

---

**Data Element Summary**

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0062</td>
<td></td>
<td>MESSAGE REFERENCE NUMBER</td>
<td>M 1 an..14</td>
</tr>
<tr>
<td>S009</td>
<td></td>
<td>MESSAGE IDENTIFIER</td>
<td>M 1</td>
</tr>
<tr>
<td>0065</td>
<td></td>
<td>Message type identifier</td>
<td>M an..6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>APERAK</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A code to identify the application error and acknowledgement message.</td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>0073</td>
<td>First/last sequence message transfer indication</td>
<td>C</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>-----------------------------------------------</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Indication used for the first and last message in a sequence of the same type of message relating to the same topic.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Refer to D.04A Data Element Dictionary for acceptable code values.</td>
<td></td>
</tr>
</tbody>
</table>
### Segment: BGM Beginning of Message

**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the type and function of the message and to transmit the identifying number.  
**Notes:**

BGM+23::VERMAS+RT5504395876+9+AP  
BGM+23::VERMAS+CS00298376+4+RE  
BGM+23::VERMAS+16564510+9+AB

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>C002</td>
<td>Element</td>
<td>DOCUMENT/MESSAGE NAME</td>
<td>M 1</td>
</tr>
<tr>
<td>1001</td>
<td>Document name code</td>
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<td>M an..3</td>
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<td></td>
<td>Supplied Value:</td>
<td></td>
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<td></td>
<td>23</td>
<td>Status information</td>
<td>Information regarding the status of a related message.</td>
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<tr>
<td>Not Used</td>
<td>1131</td>
<td>Code list identification code</td>
<td>C an..17</td>
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<tr>
<td>Not Used</td>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C an..3</td>
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<td>Refer to D.04A Data Element Dictionary for acceptable code values.</td>
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</tr>
<tr>
<td>1000</td>
<td>Document name</td>
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<td>M an..35</td>
</tr>
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<td></td>
<td>Name of a document.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Supplied Value:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VERMAS</td>
<td>Verified gross mass</td>
<td></td>
</tr>
<tr>
<td>C106</td>
<td>DOCUMENT/MESSAGE IDENTIFICATION</td>
<td>O 1</td>
<td></td>
</tr>
<tr>
<td>1004</td>
<td>Document identifier</td>
<td></td>
<td>O an..70</td>
</tr>
<tr>
<td></td>
<td>To identify a document.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>When populated this element will contain the &quot;Transaction unique identifier&quot; of the submitted VERMAS transaction or the &quot;Shipment Identification number&quot; of the IFTMIN transaction when the VGM was submitted within an IFTMIN transaction.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>For &quot;INTTRA&quot; APERAKS it will always be populated.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>For &quot;Carrier&quot; APERAKS it will only be populated if the customer preference &quot;Unique Identifier&quot; is activated.</td>
<td></td>
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<td>The element will only be populated if the VGM was submitted via a VERMAS transaction or an IFTMIN transaction with VGM information.</td>
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<td>Not Used</td>
<td>1056</td>
<td>Version identifier</td>
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<tr>
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<td>1060</td>
<td>Revision identifier</td>
<td>C an..6</td>
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</table>
### MESSAGE FUNCTION CODE

**Code indicating the function of the message.**

**Message function code of VERMAS transaction for which response is issued.**

<table>
<thead>
<tr>
<th>Supplied Values</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1 | Cancellation  
Message cancelling a previous transmission for a given transaction. |
| 4 | Change  
Message containing items to be changed. |
| 9 | Original  
Initial transmission related to a given transaction. |

### RESPONSE TYPE CODE

**Code specifying the type of acknowledgment required or transmitted.**

<table>
<thead>
<tr>
<th>Supplied Values</th>
<th>Description</th>
</tr>
</thead>
</table>
| AB | Message acknowledgement  
Indicates that an acknowledgement relating to receipt of message is required.  
VERMAS transaction was acknowledged as received by the Carrier/Terminal (does not infer being Accepted or Rejected by the carrier) |
| AP | Accepted  
Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted. |
| RE | Rejected  
Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) is not accepted. |
### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component</th>
<th>Element Name</th>
<th>Attributes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C507</td>
<td>DATE/TIME/PERIOD</td>
<td>Date and/or time, or period relevant to the specified date/time/period type.</td>
<td>M 1</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Date or time or period function code qualifier</td>
<td>Code qualifying the function of a date, time or period.</td>
<td>M an..3</td>
<td></td>
</tr>
<tr>
<td>2380</td>
<td>Date or time or period text</td>
<td>The value of a date, a date and time, a time or of a period in a specified representation.</td>
<td>M an..35</td>
<td></td>
</tr>
<tr>
<td>2379</td>
<td>Date or time or period format code</td>
<td>Code specifying the representation of a date, time or period.</td>
<td>M an..3</td>
<td></td>
</tr>
</tbody>
</table>

#### Supplied Value:

- **137**: Document/message date/time
  
  (2006) Date/time when a document/message is issued. This may include authentication.
  
  APERAK Creation Date

- **203**: CCYMMDDHHMM
  
  Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.
  
  INTTRA assumes the twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.
  
  Examples:
  
  - 12:45 a.m. is expressed as 0045
  - 12:00 noon is expressed as 1200
  - 11:45 p.m. is expressed as 2345
  - 12:00 midnight is expressed as 0000
  - 1:30 a.m. is expressed as 0130
  - 1:45 p.m. is expressed as 1345
  - 4:30 p.m. is expressed as 1630
Group: **RFF**  Segment Group 2: Reference

Position: 0090

Group: RFF

Level: 1

Usage: Optional (Optional)

Max Use: 8

Purpose: A group of segments to specify the document/message to which the current message relates, and related date and time.

Notes: All references sent in the VERMAS transaction will be returned when reporting Carrier or Terminal responses. References may not be returned when reporting INTTRA responses, if INTTRA encounters an error when processing the VERMAS transaction. The container number of the VERMAS transaction will be provided here qualified as "AAQ".

---

**Segment Summary**

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req.</th>
<th>Max. Use</th>
<th>Group: Repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td>0100</td>
<td>RFF</td>
<td>Reference</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
**Segment:** RFF Reference  
**Position:** 0100 (Trigger Segment)  
**Group:** Segment Group 2 (Reference) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the reference number of the document/message.  
**Notes:** RFF+AAQ:MRKU2038813  
RFF+ACD:739212  
RFF+AOW:RL739212_21  

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>C506</td>
<td>Element REFERENCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>REFERENCE</strong></td>
<td>M I</td>
</tr>
</tbody>
</table>

Identification of a reference.  

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>1153</strong> Reference code qualifier</td>
<td>M an..3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying a reference.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Values:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AAQ</td>
<td>Unit load device (e.g. container) identification number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[8260] Marks (letters and/or numbers) which identify a unit load device e.g. freight container.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Container Number</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACD</td>
<td>Additional reference number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference number provided in addition to another given reference.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTTRA eVGM ID</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AOW</td>
<td>Transportation Control Number (TCN)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A number assigned for transportation purposes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Submitter's VGM transaction reference</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BM</td>
<td>Bill of lading number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference number assigned to a bill of lading, see: 1001 = 705.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BN</td>
<td>Booking reference number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FF</td>
<td>Freight forwarder's reference number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[1460] Reference number assigned to the consignment by the freight forwarder.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SI</td>
<td>SID (Shipper's identifying number for shipment)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A number that identifies the SID (shipper's identification) number for a shipment.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ZZZ</td>
<td>Mutually defined reference number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Number based on party agreement.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mutually defined between parties</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>1154</strong> Reference identifier</td>
<td>M an..70</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identifies a reference.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>1156</strong> Document line identifier</td>
<td>C an..6</td>
<td></td>
</tr>
</tbody>
</table>

Not Used
<table>
<thead>
<tr>
<th>Not Used</th>
<th>4000</th>
<th>Reference version identifier</th>
<th>C</th>
<th>an..35</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Used</td>
<td>1060</td>
<td>Revision identifier</td>
<td>C</td>
<td>an..6</td>
</tr>
</tbody>
</table>
Group: **NAD**  Segment Group 3: Name and Address

Position: 0120

Group: 
Level: 1
Usage: Mandatory
Max Use: 2

Purpose: A group of segments to specify the identifications of message sender and message receiver with their contacts and communication channels.

### Segment Summary

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Group: Repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td>0130</td>
<td>NAD</td>
<td>Name and Address</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Segment: **NAD** Name and Address  
**Position:** 0130 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify the identification of the message issuer and message receiver.

**Notes:**
- NAD+CA+SCAC::86++CARRIER NAME
- NAD+ZZZ+++INTTRA
- NAD+TR+802911::192++TERMINAL NAME

When "Submitter Party Details" customer preference is activated the Submitter of the VGM will also be returned.

NAD+TB+808276::192++SUBMITTER

When source of information is INTTRA Party, Identification Details (C082) will not be supplied and Party Name (C080) will be provided.

When source of information is not INTTRA Party, Identification Details (C082) will be supplied and Party Name (C080) may or may not be provided.

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3035</td>
<td>Element</td>
<td>PARTY FUNCTION CODE QUALIFIER</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code giving specific meaning to a party.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Value:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CA</td>
<td>Carrier</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(3126) Party undertaking or arranging transport of goods between named points.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TB</td>
<td>Submitter</td>
</tr>
<tr>
<td></td>
<td></td>
<td>To specify that the party is a submitter.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TR</td>
<td>Terminal operator</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A party which handles the loading and unloading of marine vessels.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ZZZ</td>
<td>Mutually defined</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Party specification mutually agreed between interchanging parties.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTTRA</td>
<td></td>
</tr>
<tr>
<td>3039</td>
<td>Element</td>
<td>Party identifier</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code specifying the identity of a party.</td>
<td></td>
</tr>
<tr>
<td>1131</td>
<td>Element</td>
<td>Code list identification code</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not Used</td>
<td></td>
</tr>
<tr>
<td>3055</td>
<td>Element</td>
<td>Code list responsible agency code</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code specifying the agency responsible for a code list.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplied Values:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>86</td>
<td>Assigned by party originating the message</td>
</tr>
</tbody>
</table>
Codes assigned by the party originating the message. Assigned by Submitter.
If qualifier '86' is used, the code sent in element C082,3039 must be established in INTTRA's alias table.

192
Shipper's association
Code assigned by a shipper's association.
INTTRA assigned code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>C058</td>
<td>NAME AND ADDRESS</td>
<td>C</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Unstructured name and address: one to five lines.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3124</td>
<td>Name and address description</td>
<td>M</td>
<td>an..35</td>
</tr>
<tr>
<td>Not Used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3124</td>
<td>Name and address description</td>
<td>C</td>
<td>an..35</td>
</tr>
<tr>
<td>Not Used</td>
<td>Free form description of a name and address line.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3124</td>
<td>Name and address description</td>
<td>C</td>
<td>an..35</td>
</tr>
<tr>
<td>Not Used</td>
<td>Free form description of a name and address line.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3124</td>
<td>Name and address description</td>
<td>C</td>
<td>an..35</td>
</tr>
<tr>
<td>Not Used</td>
<td>Free form description of a name and address line.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3124</td>
<td>Name and address description</td>
<td>C</td>
<td>an..35</td>
</tr>
<tr>
<td>Not Used</td>
<td>Free form description of a name and address line.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C080
PARTY NAME
Identification of a transaction party by name, one to five lines. Party name may be formatted.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>3036</td>
<td>Party name</td>
<td>M</td>
<td>an..35</td>
</tr>
<tr>
<td></td>
<td>Name of a party.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3036</td>
<td>Party name</td>
<td>O</td>
<td>an..35</td>
</tr>
<tr>
<td></td>
<td>Name of a party.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3036</td>
<td>Party name</td>
<td>O</td>
<td>an..35</td>
</tr>
<tr>
<td></td>
<td>Name of a party.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3036</td>
<td>Party name</td>
<td>O</td>
<td>an..35</td>
</tr>
<tr>
<td></td>
<td>Name of a party.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3036</td>
<td>Party name</td>
<td>O</td>
<td>an..35</td>
</tr>
<tr>
<td>Not Used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3045</td>
<td>Party name format code</td>
<td>C</td>
<td>an..3</td>
</tr>
</tbody>
</table>

Refer to D.04A Data Element Dictionary for acceptable code values.

Not Used |                                               |      |        |
| C059  | STREET                                           | C    | 1      |
|       | Street address and/or PO Box number in a structured address: one to four lines. |      |        |

Not Used |                                               |      |        |
| 3042  | Street and number or post office box identifier | M    | an..35 |
|       | To identify a street and number and/or Post Office box number. |      |        |
| Not Used |                                               |      |        |
| 3042  | Street and number or post office box identifier | C    | an..35 |
|       | To identify a street and number and/or Post Office box number. |      |        |
| Not Used |                                               |      |        |
| 3042  | Street and number or post office box identifier | C    | an..35 |
|       | To identify a street and number and/or Post Office box number. |      |        |
| Not Used |                                               |      |        |
| 3042  | Street and number or post office box identifier | C    | an..35 |
|       | To identify a street and number and/or Post Office box number. |      |        |
| Not Used |                                               |      |        |
| 3164  | CITY NAME                                        | C    | 1      |
|       | To specify a part of a country (e.g. county or part of a city). |      |        |
| Not Used |                                               |      |        |
| C819  | COUNTRY SUB-ENTITY DETAILS                      | C    | 1      |

Not Used |                                               |      |        |
| 3229  | Country sub-entity name code                    | C    | an..9  |

Not Used |                                               |      |        |
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>C</td>
<td>an..17</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C</td>
<td>an..3</td>
</tr>
<tr>
<td>3228</td>
<td>Country sub-entity name</td>
<td>C</td>
<td>an..70</td>
</tr>
<tr>
<td>3251</td>
<td>POSTAL IDENTIFICATION CODE</td>
<td>C</td>
<td>1</td>
</tr>
<tr>
<td>3207</td>
<td>COUNTRY NAME CODE</td>
<td>C</td>
<td>1</td>
</tr>
</tbody>
</table>

Code specifying the name of a country sub-entity.

Code identifying a user or association maintained code list.

Code specifying the agency responsible for a code list. Refer to D.04A Data Element Dictionary for acceptable code values.

Name of a country sub-entity.
Group: ERC  Segment Group 4: Application Error Information
Position: 0160
Group:  
Level: 1
Usage: Optional (Optional)
Max Use: 99
Purpose: A group of segments to identify the application error(s) within a specified received message and to give specific details related to the error type or to precise the type of acknowledgement.

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Group: Repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td>0170</td>
<td>ERC</td>
<td>Application Error Information</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0180</td>
<td>FTX</td>
<td>Free Text</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Segment: **ERC** Application Error Information

**Position:** 0170 (Trigger Segment)

**Group:** Segment Group 4 (Application Error Information) Optional (Optional)

**Level:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment identifying the type of application error or acknowledgement within the referenced message. In case of an error, the error code may specify the error in detail (e.g. a measurement relating to a piece of equipment is wrong) or as a rough indication (e.g. a measurement is wrong).

**Notes:** ERC+1033

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component</th>
<th>Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>C901</td>
<td>Element</td>
<td></td>
<td>APPLICATION ERROR DETAIL</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Code assigned by the recipient of a message to indicate a data validation error condition.</td>
<td></td>
</tr>
<tr>
<td>9321</td>
<td></td>
<td>Application error code</td>
<td>M</td>
<td>an..8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code specifying an application error.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Error code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Used</td>
<td>1131</td>
<td>Code list identification code</td>
<td>C</td>
<td>an..17</td>
</tr>
<tr>
<td>Not Used</td>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>C</td>
<td>an..3</td>
</tr>
</tbody>
</table>

Refer to D.04A Data Element Dictionary for acceptable code values.
**Segment:** FTX  Free Text  
**Position:** 0180  
**Group:** Segment Group 4 (Application Error Information)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to provide explanation and/or supplementary information related to the specified application error or acknowledgement. For example, the explanation may provide exact details relating to a generic error code.  

**Notes:** FTX+AAO+++Error description

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4451</td>
<td>TEXT SUBJECT CODE QUALIFIER</td>
<td>Code qualifying the subject of the text.</td>
<td>M 1 an..3</td>
</tr>
<tr>
<td></td>
<td>Supplied Value:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AAO</td>
<td>Error description (free text)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Error described by a free text.</td>
<td></td>
</tr>
<tr>
<td>4453</td>
<td>FREE TEXT FUNCTION CODE</td>
<td>Refer to D.04A Data Element Dictionary for acceptable code values.</td>
<td>C 1 an..3</td>
</tr>
<tr>
<td>C107</td>
<td>TEXT REFERENCE</td>
<td>Coded reference to a standard text and its source.</td>
<td>1</td>
</tr>
<tr>
<td>4441</td>
<td>Free text description code</td>
<td>Code specifying free form text.</td>
<td>M an..17</td>
</tr>
<tr>
<td>1131</td>
<td>Code list identification code</td>
<td>Code identifying a user or association maintained code list.</td>
<td>C an..17</td>
</tr>
<tr>
<td>3055</td>
<td>Code list responsible agency code</td>
<td>Code specifying the agency responsible for a code list.</td>
<td>C an..3</td>
</tr>
<tr>
<td></td>
<td>Refer to D.04A Data Element Dictionary for acceptable code values.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C108</td>
<td>TEXT LITERAL</td>
<td>Free text; one to five lines.</td>
<td>M 1</td>
</tr>
<tr>
<td>4440</td>
<td>Free text</td>
<td>Free form text.</td>
<td>M an..512</td>
</tr>
<tr>
<td></td>
<td>4440</td>
<td>Free text</td>
<td>C an..512</td>
</tr>
<tr>
<td></td>
<td>4440</td>
<td>Free text</td>
<td>C an..512</td>
</tr>
<tr>
<td></td>
<td>4440</td>
<td>Free text</td>
<td>C an..512</td>
</tr>
<tr>
<td></td>
<td>4440</td>
<td>Free text</td>
<td>C an..512</td>
</tr>
<tr>
<td>3453</td>
<td>LANGUAGE NAME CODE</td>
<td>Refer to D.04A Data Element Dictionary for acceptable code values.</td>
<td>C 1 an..3</td>
</tr>
<tr>
<td>4447</td>
<td>FREE TEXT FORMAT CODE</td>
<td></td>
<td>C 1 an..3</td>
</tr>
</tbody>
</table>
### Segment: UNT Message Trailer

- **Position:** 0220
- **Group:** Level: 0
  - **Usage:** Mandatory
- **Max Use:** 1

**Purpose:** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

**Notes:** UNT+18+001

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Component Element</th>
<th>Name</th>
<th>Attributes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0074</td>
<td></td>
<td>NUMBER OF SEGMENTS IN A MESSAGE</td>
<td>M 1 n..6</td>
<td>Control count of number of segments in a message.</td>
</tr>
<tr>
<td>0062</td>
<td></td>
<td>MESSAGE REFERENCE NUMBER</td>
<td>M 1 an..14</td>
<td>Unique message reference assigned by the sender.</td>
</tr>
</tbody>
</table>
Segment: **UNZ** Interchange Trailer

- **Position:** 0230
- **Group:**
  - **Level:** 0
  - **Usage:** Mandatory
- **Max Use:** 1
- **Purpose:** To end and check the completeness of an interchange
- **Notes:** UNZ+1+7200192

### Data Element Summary

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Data Component</th>
<th>Element Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0036</td>
<td>Element</td>
<td>INTERCHANGE CONTROL COUNT</td>
<td>M 1 n..6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Count either of the number of messages or, if used, of the number of functional groups in an interchange.</td>
<td></td>
</tr>
<tr>
<td>0020</td>
<td></td>
<td>INTERCHANGE CONTROL REFERENCE</td>
<td>M 1 an..14</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unique reference assigned by the sender to an interchange.</td>
<td></td>
</tr>
</tbody>
</table>
VII. APPENDIX 1 – CARRIER/TERMINAL MESSAGE EXAMPLES

A. Receipt of VERMAS transaction acknowledged by the Carrier/Terminal

Submitted VERMAS transaction

```
UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170321:1111+65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+ RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQA+CN+TCNU4268867:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442' 
RFF+AOI:RASS60809059'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA++AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86+++CARRIER NAME.'
NAD+FW+FW8300::86+++FORWARDER NAME'
NAD+SPC+FW8300::86+++FORWARDER NAME'
CTA+RP+:JOHN SMITH'
DOC+SM2:VGM:306'
UNT+25+1'
UNZ+1+65847'
``` 

APERAK in response to submitted VERMAS transaction

```
UNB+UNOC:3+INTTRA:ZZZ+SUBMITTER_ID:ZZZ+170322:0535+13346'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS+++9+AB'
DTM+137:201703220535:203'
RFF+AAQ:TCNU4268867'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
```
B. VERMAS transaction Accepted by the Carrier/Terminal (with Unique Identifier and Submitter Party Details customer preference activated)

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170421:1111+65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCNU4268867:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86++CARRIER NAME'
NAD+FW+FW8300::86++FORWARDER NAME'
NAD+SPC+FW8300::86++FORWARDER NAME'
CTA+RP+:JOHN SMITH'
DOC+SM2:VGM:306'
UNT+25+1'
UNZ+1+65847'

APERAK in response to submitted VERMAS transaction
C. VERMAS transaction Accepted by the Carrier/Terminal

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+UNOC+170421:1111+65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837:86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCNU4268867:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
RFF+ACD:834902'
NAD+CA+SCAC::86++CARRIER NAME'
NAD+TB+SM928837::86++SUBMITTER NAME'
UNT+13+001'
UNZ+1+13346'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86++CARRIER NAME.'
NAD+FW+FW8300::86++FORWARDER NAME'
NAD+SPC+FW8300::86++FORWARDER NAME'
CTA+RP+:JOHN SMITH'

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APERA in response to submitted VERMAS transaction

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535:13346'
UNH+001+APERA:D:04A:UN'
BGM+23::VERMAS++9+AP'
DTM+137:2017032220535:203'
RFF+AAQ:TCNU4268867'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
RFF+ACD:834902'
NAD+CA+SCAC::86++CARRIER NAME'
UNT+12+001'
UNZ+1+13346'

D. VERMAS transaction Rejected by the Carrier/Terminal

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170308:1932:18573'
UNH+18573+VERMAS:D:16A:UN:0.8'
BGM+VGM+1094141+9'
DTM+137:201703081931:203'
NAD+TB:SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCLU5706805:6346:5+45G0:6346:5'
RFF+AOW:663132BA'
RFF+BM:CG2160703161'
RFF+SI:663132BA'
MEA+AAE+VGM+KGM:15454.860'
DOC+SHP:VGM:306'
DTM+225:201703080621:203'
NAD+CA+SCAC::86++CARRIER NAME'
NAD+SPC+++RESPONSIBLE PARTY NAME'
APERAK in response to submitted VERMAS transaction

UNB+UNOC:3+INTTRA:ZZZ+SUBMITTER_ID:ZZZ+170309:0535+13346'
UNH+001+APERAK:D:04A:UN'
BGM+23:VERMAS++9+RE'
DTM+137:201703091934:203'
RFF+AOA:663132BA'
RFF+BN:CG2160703161'
RFF+BM:CG2160703161'
RFF+SI:663132BA'
RFF+ACD:109414'
RFF+AAQ:TCLU5706805'
NAD+CA:SCAC::86++CARRIER NAME.'
ERC+ZZZ'
FTX+AAO+++REPORTED BILL OF LADING/SEA WAYBILL NUMBER INVALID. NO BOOKING NUMBER REPORTED. PLEASE RESEND VGM.'
UNT+13+001'
UNZ+1+13346'

E. VERMAS transaction (with multiple containers) Acknowledged by the Carrier/Terminal

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170321:1111+65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCNU4268867:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
CTA+RP+:JOHN SMITH'
DOC+SM2:VGM:306'
UNT+59+1'
UNZ+1+65847'

APERAKs in response to submitted VERMAS transaction with multiple containers

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+13346'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS++9+AB'
DTM+137:201703220535:203'
RFF+AAQ:TCNU4268867'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
RFF+ACD:850139'
NAD+CA+SCAC::86++CARRIER NAME'
UNT+12+001'
UNZ+1+13346'

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+13347'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS++9+AB'
DTM+137:201703220535:203'
RFF+AAQ:TZZU3806558'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
RFF+ACD:509180'
NAD+CA+SCAC::86++CARRIER NAME'
UNT+12+001'
UNZ+1+13347'

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+13348'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS++9+AB'
DTM+137:201703220535:203'
RFF+AAQ:TEMU5860130'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
F. VERMAS transaction (with multiple containers) Accepted by the Carrier/Terminal

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170321:1111:65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCNU4268867:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86++CARRIER NAME'
NAD+FW+FW8300::86++FORWARDER NAME'
NAD+SPC+FW8300::86++FORWARDER NAME'
CTA+RP+:JOHN SMITH'
DOC+SM2:VGM:306'
EQD+CN+TEMU5860130:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
APERA\(K_s\) in response to submitted VERMAS transaction with multiple containers

UNB+UNOC:3+INTTRA::ZZZ+ SUBMITTER_ID::ZZZ+170322:0535+13346'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS+:9+AP'
DTM+137:201703220535:203'
RFF+AAQ:TCNU4268867'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86++CARRIER NAME.'
NAD+FW+FW8300::86++FORWARDER NAME'
NAD+SPC+FW8300::86++FORWARDER NAME'
CTA+RP:+JOHN SMITH'
DOC+SM2:VGM:306'
EQD+CN+CZZU3806558:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86++CARRIER NAME.'
NAD+FW+FW8300::86++FORWARDER NAME'
NAD+SPC+FW8300::86++FORWARDER NAME'
CTA+RP:+JOHN SMITH'
DOC+SM2:VGM:306'
UNT+59+1'
UNZ+1+65847'
RFF+SI:RASS60809059'
RFF+ACD:850139'
NAD+CA+SCAC::86++CARRIER NAME'
UNT+12+001'
UNZ+1+13346'

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+13347'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS++9+AP'
DTM+137:201703220535:203'
RFF+AAQ:CZZU3806558'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOV:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
RFF+ACD:509180'
NAD+CA+SCAC::86++CARRIER NAME'
UNT+12+001'
UNZ+1+13347'

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+13348'
UNH+001+APERAK:D:04A:UN'
BGM+23::VERMAS++9+AP'
DTM+137:201703220535:203'
RFF+AAQ:TEMU5860130'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOV:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
RFF+ACD:500298'
NAD+CA+SCAC::86++CARRIER NAME'
UNT+12+001'
UNZ+1+13348'
VIII. APPENDIX 2 – INTTRA MESSAGE EXAMPLES

A. VERMAS transaction Accepted by INTTRA

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170321:1111+65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
ECD+CN+TCNU4268867:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86++CARRIER NAME.'
NAD+FW+FW8300::86++FORWARDER NAME' 
NAD+SPC+FW8300::86++FORWARDER NAME'
CTA+RP+:JOHN SMITH'
DOC+SM2:VGM:306'
UNT+25+1'
UNZ+1+65847'

APERAK in response to submitted VERMAS transaction

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+13346'
B. VERMAS transaction Rejected by INTTRA

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170308:1932+18573'
UNH+18573+VERMAS:D:16A:UN:0.8'
BGM+VGM+SM0029_L293+9'
DTM+137:201703081931:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCLU5706805:6346:5+45G0:6346:5'
RFF+AOW:SM0029_L293'
RFF+BN:CG2160703161'
RFF+BM:CG2160703161'
RFF+SI:663132BA'
MEA+AAE+AAD+KGM:15454.860'
DOC+SHP:VGM:306'
DTM+225:201703080621:203'
NAD+CA+SCAC::86++CARRIER NAME'
NAD+SPC+++RESPONSIBLE PARTY NAME'
CTA+RP+:MR.JOHNSON'
UNT+19+18573'
UNZ+1+18573'
APERAK in response to submitted VERMAS transaction

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170309:0535+13346'
UNH+001+APERAK:D:04A:UN'
BGM+23:::VERMAS+SM0029_L293+9+RE'
DTM+137:201703090537:203'
RFF+AOW:SM0029_L293'
RFF+BN:CG2160703161'
RFF+BM:CG2160703161'
RFF+SI:663132BA'
RFF-AAQ:TCLU5706805'
NAD+ZZZ+++INTTRA'
ERC+1180'
FTX+AAO+++ Verified Gross Mass is missing.'
UNT+12+001'
UNZ+1+13346'

C. VERMAS transaction (with multiple containers) Accepted by INTTRA

Submitted VERMAS transaction

UNB+UNOC:3+SUBMITTER_ID:ZZZ+INTTRA:ZZZ+170321:1111+65847'
UNH+1+VERMAS:D:16A:UN'
BGM+VGM+RASS60809059+9'
DTM+137:201703211111:203'
NAD+TB+SM928837::86++SUBMITTER NAME'
CTA+IC+:INFORMATION CONTACT NAME'
COM+=?+848332730019:TE'
COM+customer@email.com:EM'
EQD+CN+TCNU426887:6346:5'
RFF+BN:11040163442A'
RFF+BM:SCAC11040163442'
RFF+AOW:RAS2003959'
RFF+FF:2000392840679800'
RFF+SI:RASS60809059'
LOC+76+CNSHA:181:6:Shanghai+CN:162:5'
SEL+SCAC43541K+SH'
MEA+AAE+VGM+KGM:12801.20'
DTM+798:201703210000:203'
DOC+SHP:VGM:306'
DTM+225:201703210000:203'
NAD+CA+SCAC::86+++CARRIER NAME.'
APERAKs in response to submitted VERMAS transaction with multiple containers

UNB+UNOC:3+INTTRA:ZZZ+ SUBMITTER_ID:ZZZ+170322:0535+16246'}