



# **INVRPT Inventory Report Message**

**EDIFACT/D01B/INVRPT**

**Version: 1.0**

<b>Company:</b>	<b>Simplot Australia</b>
<b>Publication:</b>	<b>7/11/2024</b>
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# INVRPT Inventory report message

## Message Status=9

**Definition:** A message specifying information relating to held inventories. The Inventory report message is intended to be used in either direction between trading partners.

### Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0040	DTM	DATE/TIME/PERIOD	M	10	N1/0040	Must use
<b>0080</b>		<b>Segment Group 2</b>	<b>C</b>	<b>20</b>	<b>N1/0080</b>	<b>Used</b>
0090	NAD	NAME AND ADDRESS	M	1	N1/0090	Must use

### Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
<b>0200</b>		<b>Segment Group 6</b>	<b>C</b>	<b>9999</b>	<b>N2/0200</b>	<b>Used</b>
0210	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0210	Must use
0210	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0210	Must use
<b>0220</b>		<b>Segment Group 7</b>	<b>C</b>	<b>999</b>	<b>N2/0220</b>	<b>Used</b>
0230	PAC	PACKAGE	M	1	N2/0230	Must use
<b>0290</b>		<b>Segment Group 9</b>	<b>C</b>	<b>9999999</b>	<b>N2/0290</b>	<b>Used</b>
0300	LIN	LINE ITEM	M	1	N2/0300	Must use
0310	PIA	ADDITIONAL PRODUCT ID	C	10	N2/0310	Used
0370	DTM	DATE/TIME/PERIOD	C	5	N2/0370	Used
<b>0420</b>		<b>Segment Group 11</b>	<b>C</b>	<b>9999</b>	<b>N2/0420</b>	<b>Used</b>
0430	INV	INVENTORY MANAGEMENT RELATED DETAILS	M	1	N2/0430	Must use
0440	QTY	QUANTITY	M	1	N2/0440	Must use
0450	GIN	GOODS IDENTITY NUMBER	C	9999	N2/0450	Used
<b>0590</b>		<b>Segment Group 15</b>	<b>C</b>	<b>9999</b>	<b>N2/0590</b>	<b>Used</b>
0600	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0600	Must use
<b>0610</b>		<b>Segment Group 16</b>	<b>C</b>	<b>9999</b>	<b>N2/0610</b>	<b>Used</b>
0620	PAC	PACKAGE	M	1	N2/0620	Must use
0730	UNT	MESSAGE TRAILER	M	1	N2/0730	Must use

### Simplot Example:

```

UNH+100868+INVRPT:D:01B:UN'
BGM+35+100869+9'
DTM+137:20241107001113:203'
DTM+91:20241107:102'
NAD+GO+BV::90'
NAD+LSP+BV::90'
CPS+1++1E'
CPS+2+1+3'
PAC+++001'
LIN+1'
PIA+5+123456:::90'
DTM+94:20240415:102'
INV++100'

```

QTY+17:498.0000:KGM'  
GIN+BJ+19191919191919191919'  
CPS+3+2+3'  
PAC+++002'  
INV++100'  
QTY+17:510.0000:KGM'  
GIN+BJ+19191919191919191919'  
CPS+4+3+3'  
PAC+++003'  
LIN+2'  
PIA+5+123456:::90'  
DTM+94:20240412:102'  
INV++610'  
QTY+17:531.0000:KGM'  
GIN+BJ+19191919191919191919'  
INV++610'  
QTY+17:611.0000:KGM'  
GIN+BJ+19191919191919191919'  
LIN+3'  
PIA+5+123456:::90'  
DTM+94:20240413:102'  
INV++100'  
QTY+17:587.0000:KGM'  
GIN+BJ+19191919191919191919'  
INV++100'  
QTY+17:575.0000:KGM'  
GIN+BJ+19191919191919191919'  
UNZ+1+100867'

# UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Function:** To head, identify and specify a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	<b>Message reference number</b>	M	an	1/14	Must use
<b>Description:</b> Unique message reference assigned by the sender.						
UNH020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp		Must use
<b>Description:</b> Identification of the type, version, etc. of the message being interchanged.						
UNH020-01 0	0065	<b>Message type</b>	M	an	1/6	Must use
<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.						
<b>Code List Summary</b> (Total Codes: 211, Included: 1)						
<u>Code</u> <u>Name</u>						
INVRPT   Inventory report message						
UNH020-02 0	0052	<b>Message version number</b>	M	an	1/3	Must use
<b>Description:</b> Version number of a message type.						
<b>Code List Summary</b> (Total Codes: 8, Included: 1)						
<u>Code</u> <u>Name</u>						
D   Draft version/UN/EDIFACT Directory						
UNH020-03 0	0054	<b>Message release number</b>	M	an	1/3	Must use
<b>Description:</b> Release number within the current message version number.						
<b>Code List Summary</b> (Total Codes: 25, Included: 1)						
<u>Code</u> <u>Name</u>						
01B   Release 2001 - B						
UNH020-04 0	0051	<b>Controlling agency, coded</b>	M	an	1/3	Must use
<b>Description:</b> Code identifying a controlling agency.						
<b>Code List Summary</b> (Total Codes: 26, Included: 1)						
<u>Code</u> <u>Name</u>						
UN   UN/CEFACT						

## Notes:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

# BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

**User Option (Usage):** Must use

**Function:** To indicate the type and function of a message and to transmit the identifying number.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	<b>DOCUMENT/MESSAGE NAME</b>	C	Comp		Used
<b>Description:</b> Identification of a type of document/message by code or name. Code preferred.						
BGM010-01 0	1001	<b>Document name code</b>	C	an	1/3	Used
<b>Description:</b> Code specifying the document name.						
<b>Code List Summary</b> (Total Codes: 583, Included: 2)						
<b>Code Name</b>						
35 Inventory report						
263 Inventory adjustment status report						
BGM020	C106	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C	Comp		Used
<b>Description:</b> Identification of a document/message by its number and eventually its version or revision.						
BGM020-01 0	1004	<b>Document identifier</b>	C	an	1/35	Used
<b>Description:</b> To identify a document.						
BGM030	1225	<b>Message function code</b>	C	an	1/3	Used
<b>Description:</b> Code indicating the function of the message.						
<b>Code List Summary</b> (Total Codes: 65, Included: 1)						
<b>Code Name</b>						
9 Original						

# DTM DATE/TIME/PERIOD

Pos: 0040	Max: 10
Mandatory	
Group: N/A	Elements: 1

**User Option (Usage):** Must use

**Function:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

DTM010-01 0	2005	Date or time or period function code qualifier	M	an	1/3	Must use
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**Description:** Code qualifying the function of a date, time or period.

**Code List Summary** (Total Codes: 739, Included: 2)

**Code Name**

91	Report end date
137	Document/message date/time

DTM010-02 0	2380	Date or time or period value	C	an	1/35	Used
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**Description:** The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-03 0	2379	Date or time or period format code	C	an	1/3	Used
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**Description:** Code specifying the representation of a date, time or period.

**Code List Summary** (Total Codes: 76, Included: 2)

**Code Name**

102	CCYYMMDD
203	CCYYMMDDHHMM

## Segment Group 2

Pos: 0080	Repeat: 20
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Used

### Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	NAD	NAME AND ADDRESS	M	1	Must use

# NAD NAME AND ADDRESS

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 2

**User Option (Usage):** Must use

**Function:** To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party function code qualifier	M	an	1/3	Must use

**Description:** Code giving specific meaning to a party.

**Code List Summary** (Total Codes: 528, Included: 1)

**Code Name**

GO Goods owner

**Simplot Note:**

LSP

NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
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**Description:** Identification of a transaction party by code.

NAD020-01 0	3039	Party identifier	M	an	1/35	Must use
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**Description:** Code specifying the identity of a party.

NAD020-03 0	3055	Code list responsible agency code	C	an	1/3	Used
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**Description:** Code specifying the agency responsible for a code list.

**Code List Summary** (Total Codes: 289, Included: 1)

**Code Name**

90 Assigned by manufacturer

# Segment Group 6

Pos: 0200    Repeat: 9999  
 Conditional  
 Group: 6      Elements:  
                   N/A

User Option (Usage): Used

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0210	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	Must use
0210	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	Must use
0220		Segment Group 7	C	999	Used

# CPS CONSIGNMENT PACKING SEQUENCE

Pos: 0210	Max: 1
Mandatory	
Group: 6	Elements: 2

**User Option (Usage):** Must use

**Function:** To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPS010	7164	Hierarchical structure level identifier	M	an	1/35	Must use

**Description:** To identify a level within a hierarchical structure.

CPS030	7075	Packaging level code	C	an	1/3	Used
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**Description:** Code specifying a level of packaging.

**Code List Summary** (Total Codes: 5, Included: 1)

**Code Name**

1 Inner

**Simplot Note:**

1E

# CPS CONSIGNMENT PACKING SEQUENCE

Pos: 0210	Max: 1
Mandatory	
Group: 6	Elements: 3

**User Option (Usage):** Must use

**Function:** To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPS010	7164	<b>Hierarchical structure level identifier</b>	M	an	1/35	Must use
<b>Description:</b> To identify a level within a hierarchical structure.						
CPS020	7166	<b>Hierarchical structure parent identifier</b>	C	an	1/35	Used
<b>Description:</b> To identify the next higher level in a hierarchical structure.						
CPS030	7075	<b>Packaging level code</b>	C	an	1/3	Used
<b>Description:</b> Code specifying a level of packaging.						
<b>Code List Summary</b> (Total Codes: 5, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		3		Outer		

# Segment Group 7

Pos: 0220	Repeat: 999
Conditional	
Group: 7	Elements: N/A

User Option (Usage): Used

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0230	PAC	PACKAGE	M	1	Must use

# PAC PACKAGE

Pos: 0230	Max: 1
Mandatory	
Group: 7	Elements: 1

**User Option (Usage):** Must use

**Function:** To describe the number and type of packages/physical units.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAC030	C202	PACKAGE TYPE	C	Comp		Used

**Description:** Type of package by name or by code from a specified source.

PAC030-010	7065	Package type description code	C	an	1/17	Used
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**Description:** Code specifying the type of package.

# Segment Group 9

Pos: 0290	Repeat: 9999999
Conditional	
Group: 9	Elements: N/A

User Option (Usage): Used

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0300	LIN	LINE ITEM	M	1	Must use
0310	PIA	ADDITIONAL PRODUCT ID	C	10	Used
0370	DTM	DATE/TIME/PERIOD	C	5	Used
0420		Segment Group 11	C	9999	Used

# LIN LINE ITEM

Pos: 0300	Max: 1
Mandatory	
Group: 9	Elements: 1

**User Option (Usage):** Must use

**Function:** To identify a line item and configuration.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	Line item identifier	C	an	1/6	Used

**Description:** To identify a line item.

# PIA ADDITIONAL PRODUCT ID

Pos: 0310	Max: 10
Conditional	
Group: 9	Elements: 2

**User Option (Usage):** Used

**Function:** To specify additional or substitutional item identification codes.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PIA010	4347	<b>Product identifier code qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Code qualifying the product identifier.						
<b>Code List Summary</b> (Total Codes: 12, Included: 1)						
<b>Code Name</b>						
5 Product identification						
PIA020	C212	<b>ITEM NUMBER IDENTIFICATION</b>	M	Comp		Must use
<b>Description:</b> Goods identification for a specified source.						
PIA020-010	7140	<b>Item identifier</b>	C	an	1/35	Used
<b>Description:</b> To identify an item.						
PIA020-040	3055	<b>Code list responsible agency code</b>	C	an	1/3	Used
<b>Description:</b> Code specifying the agency responsible for a code list.						
<b>Code List Summary</b> (Total Codes: 289, Included: 1)						
<b>Code Name</b>						
90 Assigned by manufacturer						

# DTM DATE/TIME/PERIOD

Pos: 0370	Max: 5
Conditional	
Group: 9	Elements: 1

**User Option (Usage):** Used

**Function:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

DTM010-01 0	2005	Date or time or period function code qualifier	M	an	1/3	Must use
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**Description:** Code qualifying the function of a date, time or period.

**Code List Summary** (Total Codes: 739, Included: 1)

**Code Name**

94 Production/manufacture date

DTM010-02 0	2380	Date or time or period value	C	an	1/35	Used
----------------	------	------------------------------	---	----	------	------

**Description:** The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-03 0	2379	Date or time or period format code	C	an	1/3	Used
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**Description:** Code specifying the representation of a date, time or period.

**Code List Summary** (Total Codes: 76, Included: 1)

**Code Name**

102 CCYYMMDD

# Segment Group 11

Pos: 0420    Repeat: 9999  
 Conditional  
 Group: 11    Elements:  
                   N/A

User Option (Usage): Used

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0430	INV	INVENTORY MANAGEMENT RELATED DETAILS	M	1	Must use
0440	QTY	QUANTITY	M	1	Must use
0450	GIN	GOODS IDENTITY NUMBER	C	9999	Used
0590		Segment Group 15	C	9999	Used

# INV INVENTORY MANAGEMENT RELATED DETAILS

Pos: 0430	Max: 1
Mandatory	
Group: 11	Elements: 1

**User Option (Usage):** Must use

**Function:** To provide the different information related to the inventory management functions and needed to process properly the inventory movements and the inventory balances.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
INV020	7491	Inventory type code	C	an	1/3	Used

**Description:** Code specifying a type of inventory.

**Code List Summary** (Total Codes: 4, Included: 1)

<u>Code</u>	<u>Name</u>
1	Accepted product inventory

**Simplot Note:**

100

# QTY QUANTITY

Pos: 0440	Max: 1
Mandatory	
Group: 11	Elements: 1

**User Option (Usage):** Must use

**Function:** To specify a pertinent quantity.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		Must use
<b>Description:</b> Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Must use
<b>Description:</b> Code qualifying the type of quantity.						
<b>Code List Summary</b> (Total Codes: 450, Included: 1)						
<u>Code</u> <u>Name</u>						
		17		Quantity on hand		
QTY010-020	6060	Quantity	M	an	1/35	Must use
<b>Description:</b> Alphanumeric representation of a quantity.						
QTY010-030	6411	Measurement unit code	C	an	1/3	Used
<b>Description:</b> Code specifying the unit of measurement.						

# GIN GOODS IDENTITY NUMBER

Pos: 0450	Max: 9999
Conditional	
Group: 11	Elements: 2

**User Option (Usage):** Used

**Function:** To give specific identification numbers, either as single numbers or ranges.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GIN010	7405	<b>Object identification code qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Code qualifying the identification of an object.						
<b>Code List Summary</b> (Total Codes: 85, Included: 1)						
<b>Code Name</b>						
BJ Serial shipping container code						
GIN020	C208	<b>IDENTITY NUMBER RANGE</b>	M	Comp		Must use
<b>Description:</b> Goods item identification numbers, start and end of consecutively numbered range.						
GIN020-010	7402	<b>Object identifier</b>	M	an	1/35	Must use
<b>Description:</b> Code specifying the unique identity of an object.						

# Segment Group 15

Pos: 0590    Repeat: 9999  
 Conditional  
 Group: 15    Elements:  
 N/A

User Option (Usage): Used

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0600	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	Must use
0610		Segment Group 16	C	9999	Used

# CPS CONSIGNMENT PACKING SEQUENCE

Pos: 0600	Max: 1
Mandatory	
Group: 15	Elements: 3

**User Option (Usage):** Must use

**Function:** To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPS010	7164	<b>Hierarchical structure level identifier</b>	M	an	1/35	Must use
		<b>Description:</b> To identify a level within a hierarchical structure.				
CPS020	7166	<b>Hierarchical structure parent identifier</b>	C	an	1/35	Used
		<b>Description:</b> To identify the next higher level in a hierarchical structure.				
CPS030	7075	<b>Packaging level code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying a level of packaging.				
		<b>Code List Summary</b> (Total Codes: 5, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		3	Outer			

# Segment Group 16

Pos: 0610    Repeat: 9999  
 Conditional  
 Group: 16    Elements:  
                   N/A

User Option (Usage): Used

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0620	PAC	PACKAGE	M	1	Must use

# PAC PACKAGE

Pos: 0620	Max: 1
Mandatory	
Group: 16	Elements: 1

**User Option (Usage):** Must use

**Function:** To describe the number and type of packages/physical units.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAC030	C202	PACKAGE TYPE	C	Comp		Used

**Description:** Type of package by name or by code from a specified source.

PAC030-010	7065	Package type description code	C	an	1/17	Used
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**Description:** Code specifying the type of package.

# UNT MESSAGE TRAILER

Pos: 0730	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Function:** To end and check the completeness of a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	<b>Number of segments in a message</b>	M	n	1/10	Must use
		<b>Description:</b> The number of segments in a message body, plus the message header segment and message trailer segment.				
UNT020	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				

## Notes:

- 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.