INSDES Instruction to despatch message

EDIFACT/D01B/INSDES : INSDES Instruction to despatch message
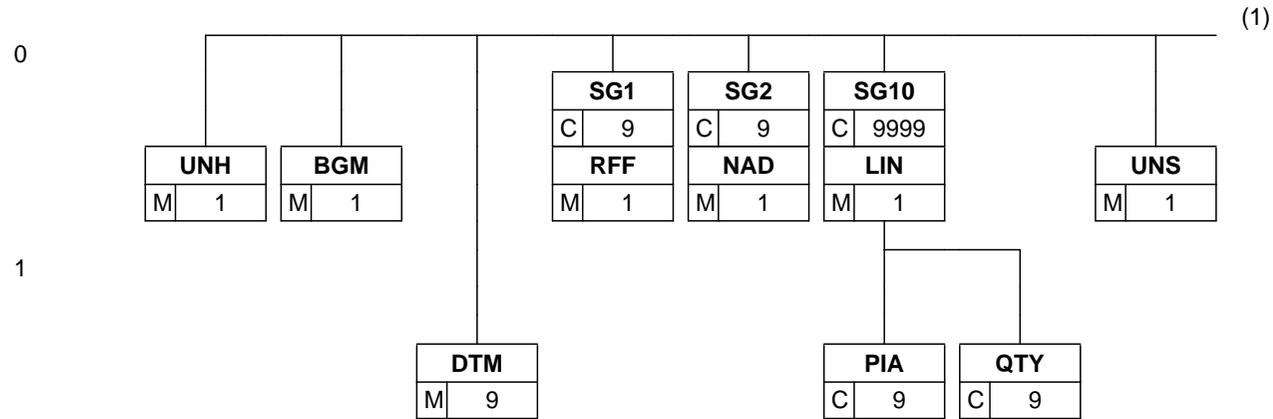
Version: 1.0

Company:	JR Simplot
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Notes:	

Table of Contents

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INSDES Instruction to despatch message

Message Status=3

Definition: A message from a party to another party who has control over ordered goods, providing instructions to put on hold or to despatch a consignment according to conditions specified in the message.

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
0030	DTM	DATE/TIME/PERIOD	M	9	N1/0030	Must use
0060		**Segment Group 1**	**C**	**9**	**N1/0060**	**Used**
0070	RFF	REFERENCE	M	1	N1/0070	Must use
0090		**Segment Group 2**	**C**	**9**	**N1/0090**	**Used**
0100	NAD	NAME AND ADDRESS	M	1	N1/0100	Must use

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0350		**Segment Group 10**	**C**	**9999**	**N2/0350**	**Used**
0360	LIN	LINE ITEM	M	1	N2/0360	Must use
0370	PIA	ADDITIONAL PRODUCT ID	C	9	N2/0370	Used
0390	QTY	QUANTITY	C	9	N2/0390	Used

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0630	UNS	SECTION CONTROL	M	1	N3/0630	Must use
0650	CNT	CONTROL TOTAL	C	9	N3/0650	Used
0660	UNT	MESSAGE TRAILER	M	1	N3/0660	Must use

Simplot Note:

SIMPLOT INSDES EXAMPLE DOCUMENT
UNA:+.? '
UNB+UNOA:3+9999999999999:ZZ+9999999999999:ZZ+240402:1234+1234567++++1'
UNH+1234567+INSDES:D:01B:UN'
BGM+240+123456+9'
DTM+137:202404021319:203'
DTM+2:20240410:102'
RFF+CR:123456'
*NAD+ST+**Ship To WH**::90'*
*NAD+LSP+**Send From WH**::90'*
LIN+1'
PIA+5+123456:::90'
QTY+12:3633:KG'
UNS+S'
CNT+2:1'
UNT+13+123456'
UNZ+1+123456'

Branching Diagram: INSDES(Instruction to despatch message)

Branching Diagram: INSDES(Instruction to despatch message)

(1)

0

```
          ┌──────────────┐
          │     UNT      │
          │ M │    1     │
          └──────────────┘

1


  ┌──────────────┐
  │     CNT      │
  │ C │    9     │
  └──────────────┘
```

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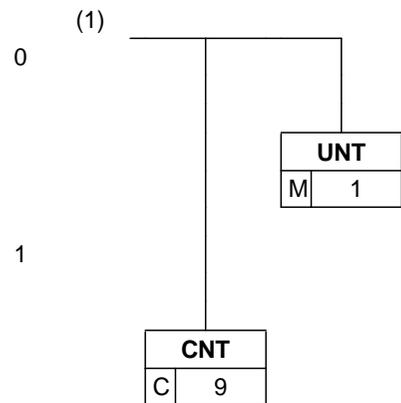
UNH MESSAGE HEADER

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

User Option (Usage): Must use

Function: To head, identify and specify a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	**Message reference number**	M	an	1/14	Must use

Description: Unique message reference assigned by the sender.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020	S009	**MESSAGE IDENTIFIER**	M	Comp		Must use

Description: Identification of the type, version, etc. of the message being interchanged.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-010	0065	**Message type**	M	an	1/6	Must use

Description: Code identifying a type of message and assigned by its controlling agency.

Code List Summary (Total Codes: 211, Included: 1)

Code	Name
INSDES	Instruction to despatch message

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-020	0052	**Message version number**	M	an	1/3	Must use

Description: Version number of a message type.

Code List Summary (Total Codes: 8, Included: 1)

Code	Name
D	Draft version/UN/EDIFACT Directory

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-030	0054	**Message release number**	M	an	1/3	Must use

Description: Release number within the current message version number.

Code List Summary (Total Codes: 25, Included: 1)

Code	Name
01B	Release 2001 - B

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-040	0051	**Controlling agency, coded**	M	an	1/3	Must use

Description: Code identifying a controlling agency.

Code List Summary (Total Codes: 26, Included: 1)

Code	Name
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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010	C002	**DOCUMENT/MESSAGE NAME**	C	Comp		Used

Description: Identification of a type of document/message by code or name. Code preferred.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010-010	1001	**Document name code**	C	an	1/3	Used

Description: Code specifying the document name.

Code List Summary (Total Codes: 583, Included: 1)

Code	Name
240	Delivery instructions

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM020	C106	**DOCUMENT/MESSAGE IDENTIFICATION**	C	Comp		Used

Description: Identification of a document/message by its number and eventually its version or revision.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM020-010	1004	**Document identifier**	C	an	1/35	Used

Description: To identify a document.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM030	1225	**Message function code**	C	an	1/3	Used

Description: Code indicating the function of the message.

Code List Summary (Total Codes: 65, Included: 1)

Code	Name
9	Original

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DTM DATE/TIME/PERIOD

Pos: 0030	**Max: 9**
Mandatory	
Group:	**Elements: 1**
N/A	

User Option (Usage): Must use

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

Element Summary:

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

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

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010-010	2005	**Date or time or period function code qualifier**	M	an	1/3	Must use

Description: Code qualifying the function of a date, time or period.

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

Code	Name
2	Delivery date/time, requested
137	Document/message date/time

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010-020	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.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010-030	2379	**Date or time or period format code**	C	an	1/3	Used

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

RFF REFERENCE

<table>
<tr><td>Pos: 0070</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Mandatory</td></tr>
<tr><td>Group: 1</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Must use

Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	**REFERENCE**	M	Comp		Must use

Description: Identification of a reference.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Must use

Description: Code qualifying a reference.

Code List Summary (Total Codes: 760, Included: 1)

Code	Name
CR	Customer reference number

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010-020	1154	**Reference identifier**	C	an	1/70	Used

Description: Identifies a reference.

NAD NAME AND ADDRESS

Pos: 0100	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:

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

Description: Code giving specific meaning to a party.

Simplot Note: *ST - Receiver Warehouse*

LSP - Sender Warehouse

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

Code	Name
ST	Ship to

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Used

Description: Identification of a transaction party by code.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020-010	3039	**Party identifier**	M	an	1/35	Must use

Description: Code specifying the identity of a party.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020-030	3055	**Code list responsible agency code**	C	an	1/3	Used

Description: Code specifying the agency responsible for a code list.

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

Code	Name
90	Assigned by manufacturer

LIN   LINE ITEM

Pos: 0360	Max: 1
Mandatory	
Group: 10	**Elements: 1**

User Option (Usage): Must use

Function: To identify a line item and configuration.

Element Summary:

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

Description: To identify a line item.

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PIA ADDITIONAL PRODUCT ID

Pos: 0370	Max: 9
Conditional	
Group: 10	Elements: 2

User Option (Usage): Used

Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA010	4347	**Product identifier code qualifier**	M	an	1/3	Must use

Description: Code qualifying the product identifier.

Code List Summary (Total Codes: 12, Included: 1)

Code	Name
5	Product identification

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020	C212	**ITEM NUMBER IDENTIFICATION**	M	Comp		Must use

Description: Goods identification for a specified source.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020-010	7140	**Item identifier**	C	an	1/35	Used

Description: To identify an item.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020-040	3055	**Code list responsible agency code**	C	an	1/3	Used

Description: Code specifying the agency responsible for a code list.

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

Code	Name
90	Assigned by manufacturer

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QTY QUANTITY

Pos: 0390	Max: 9
Conditional	
Group: 10	**Elements: 1**

User Option (Usage): Used

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	**QUANTITY DETAILS**	M	Comp		Must use

Description: Quantity information in a transaction, qualified when relevant.

| QTY010-010 | 6063 | **Quantity type code qualifier** | M | an | 1/3 | Must use |

Description: Code qualifying the type of quantity.

Code List Summary (Total Codes: 450, Included: 1)

Code	Name
12	Despatch quantity

| QTY010-020 | 6060 | **Quantity** | M | an | 1/35 | Must use |

Description: Alphanumeric representation of a quantity.

| QTY010-030 | 6411 | **Measurement unit code** | C | an | 1/3 | Used |

Description: Code specifying the unit of measurement.

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UNS SECTION CONTROL

Pos: 0630	Max: 1
Mandatory	
Group: N/A	**Elements: 1**

User Option (Usage): Must use

Function: To separate header, detail and summary sections of a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNS010	0081	**Section identification**	M	a	1/1	Must use

> **Description:** Identification of the separation of sections of a message.
>
> **Code List Summary** (Total Codes: 2, Included: 1)
>
> | Code | Name |
> |---|---|
> | S | Detail/summary section separation |

Notes:

1. To be used by message designers only when required to avoid ambiguities.

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CNT CONTROL TOTAL

Pos: 0650	**Max: 9**
Conditional	
Group: N/A	**Elements: 1**

User Option (Usage): Used

Function: To provide control total.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CNT010	C270	**CONTROL**	M	Comp		Must use

Description: Control total for checking integrity of a message or part of a message.

CNT010-010	6069	**Control total type code qualifier**	M	an	1/3	Must use

Description: Code qualifying the type of control of hash total.

Code List Summary (Total Codes: 57, Included: 1)

Code	Name
2	Number of line items in message

CNT010-020	6066	**Control total value**	M	n	1/18	Must use

Description: To specify the value of a control quantity.

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UNT MESSAGE TRAILER

Pos: 0660	**Max: 1**
Mandatory	
Group:	**Elements: 2**
N/A	

User Option (Usage): Must use

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNT010	0074	**Number of segments in a message**	M	n	1/10	Must use

Description: The number of segments in a message body, plus the message header segment and message trailer segment.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNT020	0062	**Message reference number**	M	an	1/14	Must use

Description: Unique message reference assigned by the sender.

Notes:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.