



Implementation
Guide for
Supplier Advance Ship Notice
DESADV

Change History

Version Number	Change Date	Change Description	Changed By
01		Created	Ron McClary
02	August 2005	Update information for BGM 1225; Indicated TDT 8101 is mandatory.	Ron McClary
03	1/26/2007	Changed RFF shipment level qualifier in element 1153 from 'CN' to 'MB'. Reference number in element 1154 did not change. Changed sample at end of document.	Dave Gustafson
04	5/2/2007	Added valid values for NAD C082-3039 when 3035 = "ST"	Dave Gustafson
05	1/10/2008	Changed the sample file at the end of the document to match the new sample in the DELFOR guideline. This provides corresponding documentation.	Dave Gustafson

NOTE: If this document is changed, send a copy to Covisint's Certification Team.

GENERAL INFORMATION

PURPOSE

This document presents the Implementation Guide for the Supplier Advance Ship Notice. Allison will bring the Supplier ASN into SAP to update the shipment information, allowing the purchasing group visibility of the in transit product.

In this document Allison provides:

- The EDIFACT transaction guideline
- An EDIFACT transaction showing only the segments and data elements used within the EDIFACT transaction and sample values.

STRUCTURE OF THE ALLISON TRANSMISSION IMPLEMENTATION GUIDELINE

The Allison Transmission Implementation Guideline appears on the following pages. Each segment is defined as “Must Use”, “Not Used”, or a blank denotes that the segment is optional.

Allison will use the following symbols in the left column:

>>	Allison requires this information be provided
X	Allison does not expect to receive this information
(blank)	Optional information.

The Attributes column, located on the right side of the Segment information, provides the EDIFACT element size. Allison conforms to the EDIFACT field parameters.

VERSION

The DESADV message has been developed based on version 97A of the EDIFACT Standard.

PROCESS HIGHLIGHTS

A Shipment Identification (SID) number must be unique with each DESADV and **must not be repeated within a calendar year.**

The requirements on the Allison purchase orders will be updated at the time of the receipt of the physical goods; not at the time of receipt of the ASN. Allison will be sending a new data element in the DELFOR transactions in the 0870 QTY segment.

MESSAGE FUNCTION, CODED – The BGM segment in position 0020, Data Element 1225 contains the qualifier code you will use to designate the function for each DESADV. These qualifier codes determine the type of processing to be used. A qualifier code value of '1' indicates this is a Cancellation of a previous ASN/Shipment ID (SID). A qualifier code value of '2' indicates this is an Addition to a previous ASN/SID. A qualifier code value of '4' indicates this is a Quantity Change to a previous ASN/SID. A qualifier code value of '9' indicates this is the Original ASN/SID.

- **Cancellation (Qualifier Code value of 1)** – This designates the DESADV transaction as a cancellation. The Allison system will verify there has been no receipt of goods against the SID (shipment identification) in the Original DESADV. If there have been receipts against any purchase order and line item numbers on the SID in the original DESADV, then processing of the Cancellation will stop and the Cancellation DESADV will be placed in an error status. An Allison Employee will communicate the error back to the supplier. The SID will still be available for receipts. If Allison has not received against the SID then the SID will be cancelled. **NOTE: All data sent in the Original DESADV should be sent on the Cancellation DESADV. The only modification from the Original DESADV should be the Message Function Code of 1 for Cancellation instead of 9 for Original.**
- **Addition (Qualifier Code value of 2)** – This designates the DESADV transaction as an addition of purchase order and line item numbers to an Original DESADV with the same shipment identification (SID). Only purchase order and line item numbers that were not on the Original DESADV transaction can be added. If any purchase order and line item numbers are found on the original DESADV transaction Allison will not process the addition and the DESADV transaction will be placed in an error status. Also, if Allison has processed any goods receipt against any purchase order and line item number in the SID of the Original DESADV transaction the addition will be placed in an error status. An Allison Employee will communicate the error(s) back to the supplier.

(Note: A qualifier code value of '2' should only be used in the DESADV to add a purchase order and line item number that was missing from the Original DESADV.) **Do not repeat purchase order and line item numbers previously sent on the Original DESADV.**

- **Change (Qualifier Code value of 4)** – This designates the DESADV as a change transaction. When processing the Change DESADV, the Allison system will verify the purchase order and line item number were included in the SID of the Original DESADV transaction, there are no receipts against any purchase order and line item number on the

SID, and the original quantity plus the change quantity are not less than zero. If the quantity is less than zero, then Allison will not process the change. The DESADV transaction will be placed in an error status and an Allison Employee will communicate the error back to the supplier. If the quantity for the purchase order and line item number on the original SID plus the change quantity are greater than zero, then Allison will process the change.

Only include the purchase order and line item number whose quantity shipped is changing; do not send purchase order and line item numbers if the quantity is not changing. The change quantity should be the “net” change amount and **not** a new quantity shipped. This change quantity should have a leading minus (-) sign if the change is a reduction from the original quantity (i.e. ‘-50’). To increase a quantity of 100 on the original SID to 150, a correction must be sent for the additional 50 only. Conversely, to reduce a quantity, only the difference may be sent with a value sign in front of the quantity. For example, 200 were indicated as shipped in the original SID but only 150 were actually shipped then the change will indicate a ‘-50’ on the purchase order line and item number in error. **Do not send information for purchase order and line item numbers that were correct on the Original SID.**

- **Original (Qualifier Code value of 9)** – If the supplier designates the DESADV transaction as an original, the Allison system will process each unique purchase order and line item number into the Allison system and the information will be used for receipt of the physical parts.

TRANSIT DIRECTION, CODED – This code is located in the TDT segment, in position 0240, Data Element 8101. The value of this code tells Allison how to process the ASN. If the material is picked up by, or shipped to, Allison’s Lead Logistics Provider (LLP) for delivery to Allison then the SID information will follow one business process and the value of the code should be ‘SF’. If any other carrier is delivering the goods to the Allison dock then the SID will be processed by a different business process and the value of this code should be ‘SB’. **The value of this code is CRITICAL and must be accurate.**

NOTE ON DETAIL LOOPING: For each occurrence of CPS Segment Group 10, (CPS, PAC, LIN, QTY, RFF, LOC looping) the hierarchical ID number in the CPS segment in position 0380 should be incremented by 1 when the dock code changes in the LOC segment in position 0810. **This allows the grouping of all like dock codes.** (Example: if the ASN contains 3 entries for dock 33, 2 entries for dock 70 and five entries for dock 99. We want to make sure all the dock 33 CPS loops are together, all dock 70 CPS loops are together and all CPS loops for 99 are together. Not something like 33, 33, 70, 99, 33, 70, 99, 99, 99, 99.) See the sample ASN at the end of the guideline.

DESADV Despatch Advice Message

Introduction:

A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Heading Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Must Use	0010	UNH	Message Header	M	1		
Must Use	0020	BGM	Beginning of Message	M	1		
Must Use	0030	DTM	Date/Time/Period	C	10		
Not Used	0040	ALI	Additional Information	C	5		
Must Use	0050	MEA	Measurements	C	5		
Not Used	0060	MOA	Monetary Amount	C	5		
	0070		Segment Group 1: RFF-DTM	C		10	
Must Use	0080	RFF	Reference	M	1		
Not Used	0090	DTM	Date/Time/Period	C	1		
	0100		Segment Group 2: NAD-LOC-SG3-SG4	C		10	
Must Use	0110	NAD	Name and Address	M	1		
Not Used	0120	LOC	Place/Location Identification	C	10		
Not Used	0130		Segment Group 3: RFF-DTM	C		10	
Not Used	0140	RFF	Reference	M	1		
Not Used	0150	DTM	Date/Time/Period	C	1		
Not Used	0160		Segment Group 4: CTA-COM	C		10	
Not Used	0170	CTA	Contact Information	M	1		
Not Used	0180	COM	Communication Contact	C	5		
Not Used	0190		Segment Group 5: TOD-LOC-FTX	C		10	
Not Used	0200	TOD	Terms of Delivery or Transport	M	1		
Not Used	0210	LOC	Place/Location Identification	C	5		
Not Used	0220	FTX	Free Text	C	5		
	0230		Segment Group 6: TDT-PCD-SG7	C		10	
Must Use	0240	TDT	Details of Transport	M	1		
Not Used	0250	PCD	Percentage Details	C	6		
Not Used	0260		Segment Group 7: LOC-DTM	C		10	
Not Used	0270	LOC	Place/Location Identification	M	1		
Not Used	0280	DTM	Date/Time/Period	C	10		
	0290		Segment Group 8: EQD-MEA-SEL-EQA-SG9	C		10	
Must Use	0300	EQD	Equipment Details	M	1		
Not Used	0310	MEA	Measurements	C	5		
Not Used	0320	SEL	Seal Number	C	25		
Not Used	0330	EQA	Attached Equipment	C	5		

Not Used	0340		Segment Group 9: HAN-FTX	C	10	
Not Used	0350	HAN	Handling Instructions	M	1	
Not Used	0360	FTX	Free Text	C	10	

Detail Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0370		Segment Group 10: CPS-FTX-SG11-SG15	C		9999	
Must Use	0380	CPS	Consignment Packing Sequence	M	1		
Not Used	0390	FTX	Free Text	C	5		
	0400		Segment Group 11: PAC-MEA-QTY-SG12-SG13	C		9999	
Must Use	0410	PAC	Package	M	1		
Not Used	0420	MEA	Measurements	C	10		
Not Used	0430	QTY	Quantity	C	10		
	0440		Segment Group 12: HAN-FTX	C		10	
Not Used	0450	HAN	Handling Instructions	M	1		
Not Used	0460	FTX	Free Text	C	10		
	0470		Segment Group 13: PCI-RFF-DTM-GIR-SG14	C		1000	
Not Used	0480	PCI	Package Identification	M	1		
Not Used	0490	RFF	Reference	C	1		
Not Used	0500	DTM	Date/Time/Period	C	5		
Not Used	0510	GIR	Related Identification Numbers	C	99		
	0520		Segment Group 14: GIN-DLM	C		99	
Not Used	0530	GIN	Goods Identity Number	M	1		
Not Used	0540	DLM	Delivery Limitations	C	10		
	0550		Segment Group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-HAN-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23	C		9999	
Must Use	0560	LIN	Line Item	M	1		
Not Used	0570	PIA	Additional Product Id	C	10		
Not Used	0580	IMD	Item Description	C	25		
Not Used	0590	MEA	Measurements	C	10		
	0600	QTY	Quantity	C	10		
	0610	ALI	Additional Information	C	10		
Not Used	0620	GIN	Goods Identity Number	C	100		
Not Used	0630	GIR	Related Identification Numbers	C	100		
Not Used	0640	DLM	Delivery Limitations	C	100		
Not Used	0650	DTM	Date/Time/Period	C	5		
Not Used	0660	NAD	Name and Address	C	5		
Not Used	0670	TDT	Details of Transport	C	1		
Not Used	0680	HAN	Handling Instructions	C	20		
Not Used	0690	FTX	Free Text	C	99		
Not Used	0700	MOA	Monetary Amount	C	5		
Must Use	0710		Segment Group 16: RFF-NAD-CTA-DTM	C		99	
Must Use	0720	RFF	Reference	M	1		
Not Used	0730	NAD	Name and Address	C	1		
Not Used	0740	CTA	Contact Information	C	1		

Not Used	0750	DTM	Date/Time/Period	C	1
Not Used	0760		Segment Group 17: DGS-QTY-FTX	C	10
Not Used	0770	DGS	Dangerous Goods	M	1
Not Used	0780	QTY	Quantity	C	1
Not Used	0790	FTX	Free Text	C	5
Must Use	0800		Segment Group 18: LOC-NAD-DTM-QTY	C	100
Must Use	0810	LOC	Place/Location Identification	M	1
Not Used	0820	NAD	Name and Address	C	1
Not Used	0830	DTM	Date/Time/Period	C	1
Not Used	0840	QTY	Quantity	C	10
Not Used	0850		Segment Group 19: SGP-QTY	C	1000
Not Used	0860	SGP	Split Goods Placement	M	1
Not Used	0870	QTY	Quantity	C	10
Not Used	0880		Segment Group 20: PCI-DTM-MEA-QTY-SG21-SG22	C	9999
Not Used	0890	PCI	Package Identification	M	1
Not Used	0900	DTM	Date/Time/Period	C	5
Not Used	0910	MEA	Measurements	C	10
Not Used	0920	QTY	Quantity	C	1
Not Used	0930		Segment Group 21: GIN-DLM	C	10
Not Used	0940	GIN	Goods Identity Number	M	1
Not Used	0950	DLM	Delivery Limitations	C	100
Not Used	0960		Segment Group 22: HAN-FTX-GIN	C	10
Not Used	0970	HAN	Handling Instructions	M	1
Not Used	0980	FTX	Free Text	C	5
Not Used	0990	GIN	Goods Identity Number	C	1000
Not Used	1000		Segment Group 23: QVR-DTM	C	10
Not Used	1010	QVR	Quantity Variances	M	1
Not Used	1020	DTM	Date/Time/Period	C	5

Summary Section:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Not Used	1030	CNT	Control Total	C	5		
Must Use	1040	UNT	Message Trailer	M	1		

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 Despatch advice message is DESADV.
 Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 DESADV 0052 D 0054 97A 0051 UN
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. Random unique number	M an..14
>>	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
>>		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. DESADV Despatch advice message A code to identify the dispatch advice message.	M an..6
>>		0052	Message type version number Version number of a message type. D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	M an..3
>>		0054	Message type release number Release number within the current message type version number (0052). 97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	M an..3
>>		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4 United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..2
X		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
X	0068		COMMON ACCESS REFERENCE	C an..35

		Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	
X	S010	STATUS OF THE TRANSFER	C
		Statement that the message is one in a sequence of transfers relating to the same topic.	
X	0070	Sequence message transfer number	M n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
X	0073	First/last sequence message transfer indication	C a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment for unique identification of the Despatch Advice document, by means of its name and its number.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	C002	DOCUMENT/MESSAGE NAME	C
		Identification of a type of document/message by code or name. Code preferred.	
		1001 Document/message name, coded	C an..3
		Document/message identifier expressed in code.	
		351 Despatch advice	
		Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.	
		1131 Code list qualifier	C an..3
		Identification of a code list.	
		3055 Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
>>	C106	1000 Document/message name	C an..35
		Plain language identifier specifying the function of a document/message.	
		DOCUMENT/MESSAGE IDENTIFICATION	C
		Identification of a document/message by its number and eventually its version or revision.	
		1004 Document/message number	C an..35
		Reference number assigned to the document/message by the issuer.	
		A unique control number, commonly called a Shipment Identification Number (SID), assigned by the original shipper to identify a specific shipment. This unique control number cannot be repeated within a one year period . This number must be referenced on both the packing list and the bill of lading as the Shipment Identification Number (SID).	
		1056 Version	C an..9
		To specify the version number or name of an object.	
		1060 Revision number	C an..6
>>	1225	To specify a revision number.	
		MESSAGE FUNCTION, CODED	C an..3
		Code indicating the function of the message.	
		1 Cancellation	
		Message canceling a previous EDI transmission for a given transaction. The issuer's subsequent EDI transmission of an SID, canceling all data previously transmitted under that SID (1004). May be used to delete an entire EDI transmission as the first step in the correction process.	

Suppliers should send a code '1' to delete the previous EDI transmission with the SID and, subsequently, send another original with correct information. Any change, other than quantity (e.g. part number, PO, dock) should follow this process.

2 Addition
 Message containing items to be added to a previously sent message. The issuer's subsequent transmission of an SID, adding part specific data not previously transmitted under that SID (1004).
A code of '2' should only be used to add a purchase order and line item that was missing from a previous EDI transmission. Do not repeat purchase order and line item information for part numbers previously sent on the original EDI transmission.

4 Change
 Message containing items to be changed in a previously sent message. The issuer's subsequent EDI transmission of an SID, changing data previously transmitted under that SID (1004).
A code of '4' should only be used to change quantities on a previously transmitted purchase order and line item. For example, to increase a quantity which should have been originally sent as 150 in a previous EDI transmission, but only indicated 100, a correction must be sent indicating the additional 50 only. Conversely, to reduce a quantity, only the difference may be sent with a signed (-) value (sign must be in front of the number, e.g. -10). For example, 200 were indicated in the original EDI transmission but only 150 were shipped. Indicate a -50 on only the purchase order and line item in error. Do not send purchase order and line item information for parts that were originally transmitted correctly.

9 Original
 Initial transmission related to a given transaction.

X	4343	RESPONSE TYPE, CODED	C an..3
		Code specifying the type of acknowledgment required or transmitted.	

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	C507	DATE/TIME/PERIOD	M
		Date and/or time, or period relevant to the specified date/time/period type.	
>>		2005 Date/time/period qualifier	M an..3
		Code giving specific meaning to a date, time or period.	
		11 Despatch date and or time (2170) Date/time when the goods are or are shipped.	
		137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
>>		2380 Date/time/period	C an..35
		The value of a date, a date and time, a time or of a period in a specified representation.	
>>		2379 Date/time/period format qualifier	C an..3
		Specification of the representation of a date, a date and time or of a period.	
		203 CCYYMMDDHHMM	
		Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Segment: MEA Measurements
Position: 0050
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the weight and volume of the consignment.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	6311	MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAX Consignment measurement Measurement related to a consignment; to be specified by the measurement code dimension value.	M an..3
	C502	MEASUREMENT DETAILS Identification of measurement type.	C
	6313	Property measured, coded Specification of the property measured. G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	C an..3
X	6321	Measurement significance, coded Code specifying the significance of a measurement value.	C an..3
X	6155	Measurement attribute identification Code used to specify non-discrete measurement values.	C an..17
X	6154	Measurement attribute To specify non-discrete measurement values.	C an..70
	C174	VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C
>>	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. LBR Pounds	M an..3
>>	6314	Measurement value Value of the measured unit.	C an..18
X	6162	Range minimum Minimum of a range.	C n..18
X	6152	Range maximum Maximum of a range.	C n..18
X	6432	Significant digits To specify the number of significant digits.	C n..2
X	7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C an..3

Group: **RFF** Segment Group 1: Reference
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0080	RFF	Reference	M	1	

Segment: **RFF** **Reference**
Position: 0080 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C506		REFERENCE	M
			Identification of a reference.	
>>		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
			MB Master bill of lading number	
			Reference number assigned to a master bill of lading.	
		1154	Reference number	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	
			This should be the same as Shipment Identification Number in the BGM segment, Data Element C106, Component Element 1004.	
X		1156	Line number	C an..6
			Number of the line in the document/message referenced in 1154 Reference number.	
X		4000	Reference version number	C an..35
			To uniquely identify a reference by its revision number.	

Group: **NAD** Segment Group 2: Name and Address
Position: 0100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0110	NAD	Name and Address	M	1	

Segment: **NAD** **Name and Address**
Position: 0110 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.
It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	3035	PARTY QUALIFIER Code giving specific meaning to a party. MI Planning schedule/material release issuer ST Ship to Identification of the party to where goods will be or have been shipped. SU Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	M an..3
>>	C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C
>>	3039	Party id. identification Code identifying a party involved in a transaction. When 3035 = MI this field will contain Allison's DUNS number (132572843) When 3035 = ST this field will contain the location name. Allison valid values are: BALTIMORE, INDIANAPOLIS, OPEL HUNGARY, or SERVICE. When 3035 = SU this field will contain the Allison assigned vendor code	M an..35
X	1131	Code list qualifier Identification of a code list.	C an..3
>>	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. 16 DUNS (Dun & Bradstreet) 92 Assigned by buyer or buyer's agent	C an..3
X	C058	NAME AND ADDRESS Unstructured name and address: one to five lines.	C
X	3124	Name and address line Free form name and address description.	M an..35
X	3124	Name and address line Free form name and address description.	C an..35

X		3124	Name and address line	C	an..35
			Free form name and address description.		
X		3124	Name and address line	C	an..35
			Free form name and address description.		
X		3124	Name and address line	C	an..35
			Free form name and address description.		
X	C080		PARTY NAME	C	
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X		3036	Party name	M	an..35
			Name of a party involved in a transaction.		
X		3036	Party name	C	an..35
			Name of a party involved in a transaction.		
X		3036	Party name	C	an..35
			Name of a party involved in a transaction.		
X		3036	Party name	C	an..35
			Name of a party involved in a transaction.		
X		3036	Party name	C	an..35
			Name of a party involved in a transaction.		
X		3045	Party name format, coded	C	an..3
			Specification of the representation of a party name.		
X	C059		STREET	C	
			Street address and/or PO Box number in a structured address: one to three lines.		
X		3042	Street and number/p.o. box	M	an..35
			Street and number in plain language, or Post Office Box No.		
X		3042	Street and number/p.o. box	C	an..35
			Street and number in plain language, or Post Office Box No.		
X		3042	Street and number/p.o. box	C	an..35
			Street and number in plain language, or Post Office Box No.		
X		3042	Street and number/p.o. box	C	an..35
			Street and number in plain language, or Post Office Box No.		
X	3164		CITY NAME	C	an..35
			Name of a city (a town, a village) for addressing purposes.		
X	3229		COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
X	3251		POSTCODE IDENTIFICATION	C	an..9
			Code defining postal zones or addresses.		
X	3207		COUNTRY, CODED	C	an..3
			Identification of the name of a country or other geographical entity as specified in ISO 3166.		

Group: **TDT** Segment Group 6: Details of Transport
Position: 0230
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

Segment Summary							
	Pos.	Seg.			Req.	Max.	Group:
	No.	ID	Name		Des.	Use	Repeat
Must Use	0240	TDT	Details of Transport		M	1	

Segment: **TDT** **Details of Transport**
Position: 0240 (Trigger Segment)
Group: Segment Group 6 (Details of Transport) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	8051		TRANSPORT STAGE QUALIFIER	M an..3
			Qualifier giving a specific meaning to the transport details.	
		12	At departure	
			Transport by which goods are moved from the place of departure.	
X	8028		CONVEYANCE REFERENCE NUMBER	C an..17
			Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).	
>>	C220		MODE OF TRANSPORT	C
			Method of transport code or name. Code preferred.	
		8067	Mode of transport, coded	C an..3
			Coded method of transport used for the carriage of the goods.	
		A	Air	
		AC	Air Charter	
		AE	Air Express	
		C	Consolidation	
		D	Parcel Post	
		E	Expedited Truck	
		G	Piggyback	
		GS	Progressive pick-up (milk run)	
		H	Customer Pick-up	
		LT	Less than trailer load	
		M	Motor (full truck)	
		R	Rail	
		SE	Sea/Air	
		SR	Supplier Truck	
		SS	Steamship	
		T	Best way	
		TC	(Taxi) Cab	
		U	Private Parcel Service	
		VE	Vessel, Ocean	
		W	Inland Waterway	
X		8066	Mode of transport	C an..17
			Method of transport used for the carriage of the goods.	
X	C228		TRANSPORT MEANS	C

		Code and/or name identifying the type of means of transport.		
X	8179	Type of means of transport identification	C	an..8
		Code defining the type of the means of transport being utilized.		
X	8178	Type of means of transport	C	an..17
		Description of the type of the means of transport being utilized.		
>>	C040	CARRIER	C	
		Identification of a carrier by code and/or by name. Code preferred.		
>>	3127	Carrier identification	C	an..17
		Identification of party undertaking or arranging transport of goods between named points.		
		Use the Standard Carrier Alpha Code (SCAC) or the Allison/General Motors assigned code.		
X	1131	Code list qualifier	C	an..3
		Identification of a code list.		
>>	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
	182	US, Standard Carrier Alpha Code (Motor)		
		Organisation maintaining the SCAC lists and transportation operating in North America.		
X	3128	Carrier name	C	an..35
		Name of party undertaking or arranging transport of goods between named points.		
>>	8101	TRANSIT DIRECTION, CODED	C	an..3
		Identification of the point of origin and point of direction.		
		USE:		
		SB is used when shipped "direct" from supplier to Allison		
		SF is used when material is picked up by or shipped to Allison's Lead Logistics Provider (LLP) for delivery to Allison		
		SB Seller to buyer		
		SF Seller to freight forwarder		
X	C401	EXCESS TRANSPORTATION INFORMATION	C	
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
X	8457	Excess transportation reason, coded	M	an..3
		Indication of reason for excess transportation.		
X	8459	Excess transportation responsibility, coded	M	an..3
		Indication of responsibility for excess transportation.		
X	7130	Customer authorization number	C	an..17
		Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.		
X	C222	TRANSPORT IDENTIFICATION	C	
		Code and/or name identifying the means of transport.		
X	8213	Id. of means of transport identification	C	an..9
		Identification of the means of transport by name or number.		
X	1131	Code list qualifier	C	an..3
		Identification of a code list.		
X	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
X	8212	Id. of the means of transport	C	an..35

		Identification of the means of transport by name or number.	
X	8453	Nationality of means of transport, coded	C an..3
		Coded name of the country in which a means of transport is registered.	
X	8281	TRANSPORT OWNERSHIP, CODED	C an..3
		Code indicating the ownership of the means of transport.	

Group: **EQD** **Segment Group 8: Equipment Details**
Position: 0290
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
Must Use	0300	EQD	Equipment Details	M	1	

Segment: **EQD** **Equipment Details**
Position: 0300 (Trigger Segment)
Group: Segment Group 8 (Equipment Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	8053		EQUIPMENT QUALIFIER Code identifying type of equipment. TE Trailer A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.	M an..3
>>	C237		EQUIPMENT IDENTIFICATION Marks (letters and/or numbers) identifying equipment used for transport such as a container.	C
>>		8260	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device.	C an..17
X		1131	Code list qualifier Identification of a code list.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
X		3207	Country, coded Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3
X	C224		EQUIPMENT SIZE AND TYPE Code and/or name identifying size and type of equipment used in transport. Code preferred.	C
X		8155	Equipment size and type identification Coded description of the size and type of equipment e.g. unit load device.	C an..10
X		1131	Code list qualifier Identification of a code list.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
X		8154	Equipment size and type Plain language description of the size and type of equipment e.g. unit load device.	C an..35
X	8077		EQUIPMENT SUPPLIER, CODED To indicate the party that is the supplier of the equipment.	C an..3
X	8249		EQUIPMENT STATUS, CODED Indication of the action related to the equipment.	C an..3
X	8169		FULL/EMPTY INDICATOR, CODED To indicate the extent to which the equipment is full or empty.	C an..3

Group: **CPS** Segment Group 10: Consignment Packing Sequence
Position: 0370
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

Segment Summary					
	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u> <u>Group:</u> <u>Repeat</u>
Must Use	0380	CPS	Consignment Packing Sequence	M	1
	0400		Segment Group 11: Package	C	9999
	0550		Segment Group 15: Line Item	C	9999

Segment: **CPS** Consignment Packing Sequence
Position: 0380 (Trigger Segment)
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	7164		HIERARCHICAL ID. NUMBER A unique number assigned by the sender to identify a level within a hierarchical structure. This will be a sequential number beginning with 1 and incremented by 1 when the Dock Code changes for each group of PAC, LIN, QTY, RFF, LOC segment groups. All purchase order and line items for a given dock must be grouped together.	M an..12
X	7166		HIERARCHICAL PARENT ID. Identification number of the next higher hierarchical data segment in a hierarchical structure.	C an..12
X	7075		PACKAGING LEVEL, CODED Indication of level of packaging specified.	C an..3

Group: PAC Segment Group 11: Package

Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0410	PAC	Package	M	1	

Segment: **PAC Package**
Position: 0410 (Trigger Segment)
Group: Segment Group 11 (Package) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	7224		NUMBER OF PACKAGES Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. This will be skids versus individual packages.	C n..8
X	C531		PACKAGING DETAILS Packaging level and details, terms and conditions.	C
X		7075	Packaging level, coded Indication of level of packaging specified.	C an..3
X		7233	Packaging related information, coded Code giving packaging, handling and marking related information.	C an..3
X		7073	Packaging terms and conditions, coded Code identifying packaging terms and conditions.	C an..3
X	C202		PACKAGE TYPE Type of package by name or by code from a specified source.	C
X		7065	Type of packages identification Coded description of the form in which goods are presented.	C an..17
X		1131	Code list qualifier Identification of a code list.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
X		7064	Type of packages Description of the form in which goods are presented.	C an..35
X	C402		PACKAGE TYPE IDENTIFICATION Identification of the form in which goods are described.	C
X		7077	Item description type, coded Code indicating the format of a description.	M an..3
X		7064	Type of packages Description of the form in which goods are presented.	M an..35
X		7143	Item number type, coded Identification of the type of item number.	C an..3
X		7064	Type of packages Description of the form in which goods are presented.	C an..35
X		7143	Item number type, coded Identification of the type of item number.	C an..3

X	C532	RETURNABLE PACKAGE DETAILS	C
		Indication of responsibility for payment and load contents of returnable packages.	
X	8395	Returnable package freight payment responsibility, coded	C an..3
		To indicate responsibility for payment of return freight charges for packaging that is returnable.	
X	8393	Returnable package load contents, coded	C an..3
		To indicate the composition of goods loaded into a returnable package.	

Group: **LIN** Segment Group 15: Line Item
Position: 0550
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments providing details of the individual despatched items.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
Must Use	0560	LIN	Line Item	M	1	
	0600	QTY	Quantity	C	10	
	0610	ALI	Additional Information	C	10	
	0710		Segment Group 16: Reference	C		99
	0800		Segment Group 18: Place/Location Identification	C		100

Segment: **LIN** Line Item
Position: 0560 (Trigger Segment)
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the product being despatched.
 All other segments in the detail section following the LIN segment refer to that line item.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C an..6
X	1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item. This is the Allison part number sent to the supplier in the Allison DELFOR transaction.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. IN Buyer's item number	C an..3
X		1131	Code list qualifier Identification of a code list.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
X	C829		SUB-LINE INFORMATION To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.	C
X		5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information.	C an..3
X		1082	Line item number Serial number designating each separate item within a series of articles.	C an..6
X	1222		CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	C n..2
X	7083		CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration.	C an..3

Segment: **QTY** Quantity
Position: 0600
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment to give quantity information concerning the product.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	C186	QUANTITY DETAILS	M
		Quantity information in a transaction, qualified when relevant.	
>>		6063 Quantity qualifier	M an..3
		Code giving specific meaning to a quantity.	
		12 Despatch quantity	
		Quantity despatched by the seller.	
>>		6060 Quantity	M n..15
		Numeric value of a quantity.	
		6411 Measure unit qualifier	C an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	

Segment: **ALI** **Additional Information**
Position: 0610
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	3239		COUNTRY OF ORIGIN, CODED	C an..3
			Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade.	
X	9213		TYPE OF DUTY REGIME, CODED	C an..3
			Identification of the statement of the full/preferential regime according to which duty is assessed.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	

Group: **RFF** **Segment Group 16: Reference**
Position: 0710
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to give reference numbers and dates.

Segment Summary				Req.	Max.	Group:
	Pos.	Seg.		Des.	Use	Repeat
	No.	ID	Name			
Must Use	0720	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0720 (Trigger Segment)
Group: Segment Group 16 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying documents related to the line item.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C506		REFERENCE Identification of a reference.	M
>>		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
		LI	Line item reference number (1156) Reference number identifying a particular line in a document. Line Item number sent in the DELFOR in the RFF segment in position 0490, Component Element #1154, with an 'LI' qualifier.	
		ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order. Allison Scheduling Agreement Number, sent on the DELFOR in the RFF segment in position 0490, Component Element #1154, with an 'ON' qualifier	
		PK	Packing list number (1014) Reference number assigned to a packing list, see: 1001 = 271.	
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35
X		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
X		4000	Reference version number To uniquely identify a reference by its revision number.	C an..35

Group: **LOC** **Segment Group 18: Place/Location Identification**
Position: 0800
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 100
Purpose: A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0810	LOC	Place/Location Identification	M	1	

Segment: **LOC** **Place/Location Identification**
Position: 0810 (Trigger Segment)
Group: Segment Group 18 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a specific location to which products will be delivered.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	3227	PLACE/LOCATION QUALIFIER Code identifying the function of a location. 11 Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.	M an..3
>>	C517	LOCATION IDENTIFICATION Identification of a location by code or name.	C
>>		3225 Place/location identification Identification of the name of place/location, other than 3164 City name. The Allison Dock Code is entered here.	C an..25
X		1131 Code list qualifier Identification of a code list.	C an..3
X		3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
X		3224 Place/location Name of place/location, other than 3164 City name.	C an..70
X	C519	RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C
X		3223 Related place/location one identification Specification of the first related place/location by code.	C an..25
X		1131 Code list qualifier Identification of a code list.	C an..3
X		3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
X		3222 Related place/location one Specification of the first related place/location by name.	C an..70
X	C553	RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C
X		3233 Related place/location two identification Specification of a second related place/location by code.	C an..25
X		1131 Code list qualifier Identification of a code list.	C an..3
X		3055 Code list responsible agency, coded	C an..3

X	3232	Code identifying the agency responsible for a code list. Related place/location two	C an..70
X	5479	Specification of a second related place/location by name. RELATION, CODED To specify the relationship between two or more items.	C an..3

Segment: **UNT** Message Trailer
Position: 1040
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	0074	NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M n..6
>>	0062	MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14



Sample DESADV:

UNB+UNOA:2+999999999:01+132572843:01+080106:0647+1120++SUPLDESADV'
UNH+0001+DESADV:D:97A:UN'
BGM+351+123456+9'
DTM+137:200801061120:203'
DTM+11: 200801061120:203'
MEA+AAX+G+LBR:198'
RFF+MB:123456'
NAD+MI+132572843:::16'
NAD+SU+A9999:::92'
NAD+ST+INDIANAPOLIS:::92'
TDT+12++GS++RYDR:::182+SF'
EQD+TE+590020'
CPS+1'
PAC+4'
LIN+++12345678:IN'
QTY+12:656:EA'
ALI+USA'
RFF+ON:0000500008'
RFF+PK:123456'
RFF+LI:00010'
LOC+11+12'
CPS+2'
PAC+8'
LIN+++23456789:IN'
QTY+12:1104:EA'
ALI+USA'
RFF+ON:0000500008'
RFF+PK:123456'
RFF+LI:00020'
LOC+11+50'
CPS+2'
PAC+10'
LIN+++67648:IN'
QTY+12:1000:EA'
ALI+USA'
RFF+ON:0000500008'
RFF+PK:123456'
RFF+LI:01550'
LOC+11+50'
UNT+39+0001'
UNZ+1+1120'