RPS-EDI Specifications
Reference Guide

TRANS 4 M ™

PART 5:

EDIFACT VERSION D RELEASE 96A

INTRODUCTION

Abbreviations in the **Seg. Type** column have the following definitions:

C	Conditional	The presence of this item is dependent on the presence or absence of other items.
M	Mandatory	This data segment shall be included in the transaction set. Note that though a data segment may be mandatory in a loop of data segments, the loop itself is optional if the beginning segment of the loop is designated as optional.

Abbreviations in the **Data Type** column have the following definitions:

D	Data Element	
C	Composite Data Element	
S	Sub-Element	

Abbreviations in the **Format** column have the following definitions:

A	Alphabetic Format	
N	Numeric Format	
X	Alphanumeric Format	

SECTION 1: DELFOR (DELIVERY SCHEDULE MESSAGE)

This document provides the CMI standard format and established data contents of a DELFOR (Delivery Schedule Message).

> **Note:** **DELFOR elements which are not used by the TRANS4M system are not listed in this document.**

Seg. ID	Name	Seg. Type	Max. Use	Segment Group
Data Segment Sequence for the Header Level				
UNH	Message Header	M	1	
BGM	Beginning of Message	M	1	
DTM	Date/Time/Period	M	10	
	Segment Group 2	C	20	2
NAD	Name and Address	M	1	2
Data Segment Sequence for the Detail Level				
UNS	Section Control	M	1	
	Segment Group 4	C	500	4
NAD	Name and Address	M	1	4
FTX	Free Text	C	5	4
	Segment Group 6	C	5	6, 4
CTA	Contact Information	M	1	6, 4
COM	Communication Contact	C	5	6, 4
	Segment Group 8	C	999	8, 4
LIN	Line Item	M	1	8, 4
PIA	Additional Product ID	C	10	8, 4
IMD	Item Description	C	10	8, 4
LOC	Place/Location Identification	C	100	8, 4
FTX	Free Text	C	5	8, 4
	Segment Group 9	C	5	9, 8, 4
CTA	Contact Information	M	1	9, 8, 4
	Segment Group 10	C	10	10, 8, 4
RFF	Reference	C	1	10, 8, 4
	Segment Group 11	C	10	11, 4
TDT	Details for Transport	M	1	11, 4

	Segment Group 12	C	200	12, 8, 4
QTY	Quantity	M	1	12, 8, 4
SCC	Scheduling Conditions	C	1	12, 8, 4
DTM	Date/Time/Period	C	2	12, 8, 4
RFF	Reference	C	1	12, 8, 4
	Segment Group 17	C	1	17, 12, 8, 4
Data Segment Sequence for the Summary Level				
UNS	Section Control	M	1	
CNT	Control Total	C	5	
UNT	Message Trailer	M	1	

Segment: UNH - Message Header

Level: Heading

Max Use: 1

Segment Status: Mandatory/Single Occurrence

Purpose: A service segment starting and uniquely identifying a message. The message type code for the Delivery Schedule Message is DELFOR.

TAG	Name	Data Type	M/C	Format	Comments
0062	Message Reference Number	D	M	14X	**TRANS4M** will use a unique number right-justified on a field of 9 zeros (e.g., 000012345).
S009	Message Identifier	C	M		
0065	Message Type	S	M	6X	Will always be DELFOR
0052	Message Version	S	M	3X	Will always be D
0054	Message Release Number	S	M	3X	Will always be 96A
0051	Controlling Agency	S	M	2X	Will always be UN

Segment: BGM - Beginning of Message

Level: Heading

Max Use: 1

Segment Status: Mandatory/Single Occurrence

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

TAG	Name	Data Type	M/C	Format	Comments
C002	Document/Message Name	C	C	5N	
1001	Document/Message Name, Coded	S	C	3X	Will always be 221 for Blanket Order
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
1000	Document Message/Name	S	C	35X	Will always be DELFOR
1004	Document/Message Number	D	C	35X	6 digit number with the following fixed format: YYWWSS where: YY = Model Year WW = Week of Release SS = Secondary Release Number.
1225	Message Function, Coded	D	C	3X	Code indicates the function of the message. Possible values include: 5 = Replacement Document 9 = Original Transmission.
4343	Response Type, Coded	D	C		Will always be NA for No Acknowledgment Needed

Segment: DTM - Date/Time/Period

Level: Heading

Max Use: 10

Segment Status: Mandatory/Multiple Occurrences

Purpose: Used in header to convey the document creation date as well as horizon start and stop dates.

Comments: There will be three iterations of the DTM segment in the header section: one for the document creation date, one for the horizon start date, and one for the horizon stop date.

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M	3X	97 = Transaction Creation Date 158 = Horizon Start Date 159 = Horizon End Date
2380	Date/Time/Period	S	C	35X	Date pertaining to date qualifier (above).
2379	Date/Time/Period Format Qualifier	S	C	3X	Will always be 102 to indicate that the date is in YYYYMMDD format.

Segment: NAD - Name and Address

Level: Heading

Max Use: 1

Segment Status: Mandatory/Multiple Occurrences

Purpose: Used in header to identify both the buying and selling parties.

Comments: This segment will be used three times in the header section: once to
                    identify the buyer, once to identify the controlling supplier, and once to
                    identify the ship-from location.

TAG	Name	Data Type	M/C	Format	Comments
3035	Party Qualifier	D	M	3X	BY = Buyer SU = Supplier SF = Ship-from
C092	Party Identification Details	C	C		
3039	Party ID Identification	S	M	35X	If tag 3035 is BY, this will be the **TRANS4M** company code from which the DELFOR was generated. If tag 3035 is SU or SF, this will be the RPS vendor code for the supplier.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C058	Name and Address	C	C		
3124	Name and Address Line	S	M	35X	If tag 3035 is BY, this will be the **TRANS4M** company name. If tag 3035 is SU or SF, this will be the vendor name.
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
C080	Party Name	C	C		

TAG	Name	Data Type	M/C	Format	Comments
3036	Party Name	S	M		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3045	Party Name Format, Coded	S	C		
C059	Street	C	C		
3042	Street and Number/PO Box	S	M	35X	If tag 3035 is BY, this will be the **TRANS4M** company address line. If tag 3035 is SU or SF, this will be the vendor address.
3042	Street and Number/PO Box	S	C	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3164	City Name	D	C	35X	If tag 3035 is BY, this will be the **TRANS4M** company city name. If tag 3035 is SU or SF, this will be the vendor city name.
3229	Country Sub-Entity Identification	D	C	9X	If tag 3035 is BY, this will be the **TRANS4M** company state name. If tag 3035 is SU or SF, this will be the vendor state name.
3251	Postcode Identification	D	C	9X	If tag 3035 is BY, this will be the **TRANS4M** company ZIP (postal) code. If tag 3035 is SU or SF, this will be the vendor ZIP (postal) code.
3207	Country, Coded	D	C		If tag 3035 is BY, this will be the **TRANS4M** company COUNTRY field. If tag 3035 is SU or SF, this will be the vendor COUNTRY field.

Segment: UNS - Section Control

Level: Detail

Max Use: 1

Segment Status: Mandatory/Single Occurrence

Purpose: Used as a marker to easily identify the detail and summary section.

TAG	Name	Data Type	M/C	Format	Comments
0081	Section Identification	D	M	1X	Will always be D for Detail Section

Segment: NAD - Name and Address

Level: Detail (Segment Group 4)

Max Use: 1

Segment Status: Mandatory/Single Occurrence

Purpose: The name and address field in the detail section is used to identify the
                 ship-to location for the associated schedule.

TAG	Name	Data Type	M/C	Format	Comments
3035	Party Qualifier	D	M	3X	Will always be ST to indicate Ship-to
C082	Party Identification Details	C	C		
3039	Party ID Identification	S	M	35X	This will be the **TRANS4M** company code from which the DELFOR was generated.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C058	Name and Address	C	C		
3124	Name and Address Line	S	M	35X	This will be the **TRANS4M** company name.
C080	Party Name	C	C		
3036	Party Name	S	M		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3045	Party Name Format, Coded	S	C		
C059	Street	C	C		
3042	Street and Number/PO Box	S	M		This will be the **TRANS4M** company address line.
3164	City Name	D	C	35X	This will be the **TRANS4M** company city name.

TAG	Name	Data Type	M/C	Format	Comments
3229	Country Sub-Entity Identification	D	C	9X	This will be the **TRANS4M** company state name.
3251	Postcode Identification	D	C	9X	This will be the **TRANS4M** company ZIP (postal) code.
3207	Country, Coded	D	C		This will be **TRANS4M** company COUNTRY field.

Segment: FTX - Free Text

Level: Detail (Segment Group 4)

Max Use: 5

Segment Status: Optional/Multiple Occurrences

Purpose: Free form text message to supplier from buyer.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAI to indicate General Information
4453	Text Function, Coded	D	M	3X	Will always be 1 to indicate Text for Subsequent Use. The occurrence of this text does not affect message processing."
C107	Text Reference	C	C		Not Used
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Freeform Message for Vendor
4440	Free Text	S	C	70X	Freeform Message for Vendor

Segment: CTA - Contact Information

Level: Detail (Segment Group 6)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used to identify the supplier contact information.

TAG	Name	Data Type	M/C	Format	Comments
3139	Contact Function, Coded	D	C	3X	Will always be SC to indicate Schedule Contact
C056	Department or Employee Details	C	C		
3413	Department or Employee Identification	S	C	17X	If tag 3139 is SC, this will be the PAPER RELEASE AUTHORIZA-TION field.

Segment: COM - Communication Contact

Level: Detail (Segment Group 6)

Max Use: 5

Segment Status: Optional/Multiple Occurrences

Purpose: Used in detail to convey the phone number pertaining to the contact
                    information.

TAG	Name	Data Type	M/C	Format	Comments
C076	Communication Contact	C	M		
3148	Communication Number	S	M	10X	This will be the **TRANS4M** company phone number.
3155	Communication Channel Qualifier	S	M	3X	Will always be TE to indicate Telephone Number

Segment: LIN - Line Item

Segment Status: Mandatory/Single Occurrence

Level: Detail (Segment Group 8)

Max Use: 1

Purpose: To convey line item data such as buyer part number, and to indicate the start of a LIN loop.

TAG	Name	Data Type	M/C	Format	Comments
1092	Line Item Number	D	C	6N	Unique sequential number for each line item in the DELFOR message.
1229	Action Request/Notification, Coded	D	C	3X	Not Used
C212	Item Number Identification	C	C		
7140	Item Number	S	C	35X	Will be the Buyer's Part Number
7143	Item Number Type, Coded	S	C	3X	Will always be BP to indicate Buyer's Part Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C829	Sub-Line Information	C	C		
5495	Sub-Line Indicator, Coded	S	C	3X	Not Used
1082	Line Item Number	S	C	6N	Not Used
1222	Configuration Level	D	C	2N	Not Used
7083	Configuration, Coded	D	C	3X	Not Used

Segment: PIA - Additional Product ID

Level: Detail (Segment Group 8)

Max Use: 10

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
4347	Product ID Function Qualifier	D	M	3X	Will always be 1 to indicate Additional Identification
C212	Item Number Identification	C	M		
7140	Item Number	S	C	35X	Will be the Buyer's Purchase Order Number
7143	Item Number Type, Coded	S	C	3X	Will always be PO to indicate Purchase Order Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C		
7140	Item Number	S	C	35X	Will be the Engineering Change Number, if available.
7143	Item Number Type, Coded	S	C	3X	If the engineering change number is being issued in tag 7140, this will be EC to indicate Engineering Change Level.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	
7140	Item Number	S	C	3X	If available, this will be the Vendor's Part Number.
7143	Item Number Type, Coded	S	C	3X	If the vendor part is sent in tag 7140, this will be VP for Vendor Part Number.
1131	Code List Qualifier	S	C	3X	Not Used

TAG	Name	Data Type	M/C	Format	Comments
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, Coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, Coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used

Segment: IMD - Item Description

Level: Detail (Segment Group 8)

Max Use: 10

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
7077	Item Description Type, Coded	D	C	3X	Will always be A to indicate Freeform lOng Description
7081	Item Characteristic, Coded	D	C	3X	Will always be 8 to indicate Product
C273	Item Description	C	C		
7009	Item Description Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
7008	Item Description	S	C	35X	Will be the Buyer's Part Description
7008	Item Description	S	C	35X	Not Used
3453	Language, Coded	S	C	3X	Not Used
7383	Surface/Layer Indicator, Coded	D	C	3X	Not Used

Segment: LOC - Place/Location Identification

Level: Detail (Segment Group 8)

Max Use: 100

Segment Status: Optional/Multiple Occurrences

Purpose: To convey the place at which ownership of parts transfers from seller to buyer, or the dock where parts are to ultimately be delivered.

Comments: There will be, at most, two occurrences of this segment: one for the transfer of ownership, and another for the dock code. Data for these segments is optional, so the segment may not appear at all.

TAG	Name	Data Type	M/C	Format	Comments
3227	Place/Location Qualifier	D	M	3X	16 = Place of Transfer of Ownership 83 = Place of Delivery
C517	Location Identification	C	C		
3225	Place/Location Identification	S	C	25X	If tag 3227 is 16, this will identify the place where ownership of the product changes from seller to buyer. If tag 3227 is 83, this is the buyer's dock code where the items are to be delivered.
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, Coded	S	C		Not Used
3224	Place/Location	S	C		Not Used
C519	Related Location One Identification	C	C		Not Used
3223	Related Place/Location One Identification	S	C		Not Used
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, Coded	S	C		Not Used
3222	Related Place/Location One	S	C		Not Used

TAG	Name	Data Type	M/C	Format	Comments
C553	Related Location Two Identification	C	C		Not Used
3233	Related Place/Location Two Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
3232	Related Place/Location Two	S	C		Not Used
5479	Relation, Coded	D	C		Not Used

Segment: FTX - Free Text

Level: Detail (Segment Group 8)

Max Use: 5

Segment Status: Optional/Multiple Occurrences

Purpose: Freeform text message to supplier from buyer.

Comments: May be repeated up to three times, depending on how many messages the
                  TRANS4M user has stored on the RPS purchase order.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAI to indicate General Information
4453	Text Function, Coded	D	M	3X	Will always be 1 to indicate Text for Subsequent Use. The occurrence of this text does not affect message processing.
C107	Text Reference	C	C		Not Used
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Freeform message pertaining to the line item.
4440	Free Text	S	C	70X	Freeform message pertaining to the line item.

Segment: CTA - Contact Information

Level: Detail (Segment Group 9)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used in LIN loop to convey the name of the planner for the buyer part.

Comments: This segment will only be used if planner data has been entered in the **TRANS4M** RPS part master or inventory master databases.

TAG	Name	Data Type	M/C	Format	Comments
3139	Contact Function, Coded	D	C	3X	Will always be SC to indicate Schedule Contact
C056	Department or Employee Details	C	C		
3413	Department or Employee Identification	S	C	17X	Not Used
3412	Department or Employee	S	C	35X	Will be the name of the planner for the buyer part

Segment: RFF - Reference

Level: Detail (Segment Group 10)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used to convey reference numbers pertaining to the line item.

Comments: This segment will only be used if the project number has been entered on
                    the **TRANS4M** RPS purchase order record.

TAG	Name	Data Type	M/C	Format	Comments
C506	Reference	C	C		
1153	Reference Qualifier	S	M	3X	Will always be AEP to indicate Project Number
1154	Reference Number	S	C	35X	Will be the Project Number associated with the P/O
1156	Line Number	S	C		Not Used
4000	Reference Version Number	D	C		Not Used

Segment: TDT - Details of Transport

Level: Detail (Segment Group 11)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: To specify transportation details

Comments: This segment will be used to convey the carrier name which is stored on
                  the **TRANS4M** RPS purchase order.

TAG	Name	Data Type	M/C	Format	Comments
8051	Transport Stage Qualifier	D	M	3X	Will always be 25 to indicate Delivery Carrier All Transport
8028	Conveyance Reference Number	D	C		Not Used
C220	Mode of Transport	C	C		Not Used
C228	Transport Means	C	C		Not Used
C040	Carrier	C	C		
3127	Carrier Identification	S	C	17X	This will be the SHIP VIA field on the **TRANS4M** RPS purchase order.
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency	S	C		Not Used
C401	Excess Transportation Information	C	C		Not Used
C222	Transport Identification	C	C		Not Used

Segment: QTY - Quantity

Level: Detail (Segment Group 12)

Max Use: 1

Segment Status: Mandatory/Multiple Occurrences

Purpose: The quantity segment is used to convey the firm, planned last received, and CUM received quantities for the part/purchase order on the buyer's records.

TAG	Name	Data Type	M/C	Format	Comments
C186	Quantity Details	C	M		
6063	Quantity Qualifier	S	M	3X	1 = Discrete Quantity 3 = FAB Auth or Raw Quantity 48 = Received Quantity 70 = Cumulative Quantity Received 79 = Previous Cumulative Quantity 135 = Period Quantity, Planned
6060	Quantity	S	M	15N	If tag 6063 is 1, this will be the firm quantity required for the time period given in the DTM segment. If tag 6063 is 48, this will be the last quantity that was received by the buyer. If tag 6063 is 70, this will be the YTD cumulative quantity received by the buyer. If tag 6063 is 79, this will be the YTD cumulative quantity received on the last prior schedule issued to the supplier. If tag 6063 is 135, this will be the planned quantity for the period given in the DTM segments.
6411	Measure Unit Qualifier	S	C	3X	Will be the unit of measure in which quantities are expressed from the buyer P/O.

Segment: SCC - Scheduling Conditions

Level: Detail (Segment Group 12)

Max Use: 1

Segment Status: Mandatory/Multiple Occurrences

Purpose: The SCC segment will be used to convey the ship/delivery and commitment requirements.

Comments: This segment will only be used when firm quantities are being issued in the QTY segment.

TAG	Name	Data Type	M/C	Format	Comments
4017	Deliver Plan Status Indicator, Coded	D	M	3X	1 = Firm 2 = Commitment for Manufacturing and Materials 3 = Commitment for Material 4 = Planning/Forecast 5 = Past Due
4493	Delivery Requirements, Coded	D	C		Not Used
C329	Pattern Description	C	C		
2013	Frequency, Coded	S	C	3X	D = Discrete W = Weekly M = Monthly

TAG	Name	Data Type	M/C	Format	Comments
2015	Despatch Pattern, Coded	S	C	3X	1 = 1st Week of Month 2 = 2nd Week of Month 3 = 3rd Week of Month 4 = 4th Week of Month 5 = 5th Week of Month 6 = 1st & 3rd Weeks of Month 7 = 2nd & 4th Weeks of Month 13 = Monday 14 = Tuesday 15 = Wednesday 16 = Thursday 17 = Friday 21 = As Directed (ship on date given in DTM segment).
2017	Despatch Pattern Timing, Coded	S	C		Not Used

Segment: DTM - Date/Time/Period

Level: Detail (Segment Group 12)

Max Use: 2

Segment Status: Mandatory/Multiple Occurrences

Comments: No DTM segment will be issued when the QTY segment contains the
                  YTD cumulative quantity. Two iterations of this segment will be used to
                  convey the start and stop days when weekly or monthly quantities are
                  being given in the QTY segment. One DTM segment will be used to
                  identify the ship/delivery date for past due and discrete quantities.

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M	3X	2 = Deliver Date/Time 10 = Shipment Date/Time 50 = Goods Receipt Date (used when the QTY segment contains the last ship quantity) 51 = Cumulative Qty Start Date (used when QTY segment contains the CUM receipts, FAB and RAW quantities) 52 = Cumulative Qty End Date 194 = Period Start Date 206 = Period Stop Date (used when QTY segment contains planning quantities)
2380	Date/Time/Period	S	C	35X	This will be the date (YYYYMMDD format) to which the associated QTY segment pertains.
2379	Date/Time/Period Qualifier	S	C	3X	Will always be 102 to indicate that the date will be in YYYYMMDD format.

Segment: RFF - Reference

Level: Detail (Segment Group 12)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used to convey reference numbers pertaining to the line item.

Comments: This segment will only be used if the project number has been entered on
                      the **TRANS4M** RPS purchase order record.

TAG	Name	Data Type	M/C	Format	Comments
C506	Reference	C	C		
1153	Reference Qualifier	S	M	2X	Will always be SI to indicate Shipper Number
1154	Reference Number	S	C	35X	Will be the last shipper for the part and P/O
1156	Line Number	S	C		Not Used
4000	Reference Version Number	D	C		Not Used

Segment: UNS - Section Control

Level: Summary

Max Use: 1

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
0081	Section Identification	D	M	1A	Will always be S to indicate the Start of the summary section

Segment: CNT - Control Data

Level: Summary

Max Use: 5

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
C270	Control	C	M		
6069	Control Qualifier	S	M	3X	Will always be 2 to indicate Number of Line Items in Message
6066	Control Value	S	M	18N	This will be the sum total of all the line items (LIN segments) in the DELFOR message.
6411	Measure Unit Qualifier	S	C		Not Used

Segment: UNT - Message Trailer

Level: Summary

Max Use: 1

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
0074	Number of Segments in the Message.	D	M	6N	Will be the sum total of the number of segments in the message
0062	Message Reference Number	D	M	14X	This will be the same message reference number as stored in the associated UNH segment for the DELFOR document.

SECTION 2: DELJIT (DELIVERY JUST IN TIME MESSAGE)

This section provides the CMI standard format and data contents of a DELJIT (Delivery Just in Time Message).

This DELJIT allows a customer to convey precise delivery sequence and Just in Time (JIT) schedule requirements to a supplier, and is intended to supplement the Delivery Schedule Message (DELFOR). The use of this message will facilitate the practice of JIT delivery by providing the customer with a mechanism to issue precise shipping schedule requirements in terms of a 24 hour clock and on more frequent basis than with the instance of a delivery schedule message, e.g., daily shipping schedules versus weekly planning schedules.

Note:	DELJIT elements which are not used by the TRANS4M system are not listed in this document.

Seg. ID	Name	Seg. Type	Max. Use	Segment Group
Data Segment Sequence for the Heading Level				
UNH	Message Header	M	1	
BGM	Beginning of Message	M	1	
DTM	Date/Time/Period	M	10	
	Segment Group 1	C	10	1
RFF	Reference	M	1	1
	Segment Group 2	C	20	2
NAD	Name and Address	M	1	2
LOC	Place/Location Identification	C	1	2
FTX	Free Text	C	5	2
	Segment Group 3	C	5	3,2
CTA	Contact Information	M	1	3,2
COM	Communication	C	5	3,2
Data Segment Sequence for the Detail Level				
	Segment Group 4	M	9999	4
SEQ	Sequence Details	M	1	4
	Segment Group 5	C	5	5,4
PAC	Package	M	1	5,4
	Segment Group 6	C	99	6,5,4
PCI	Package Identification	M	1	6,5,4
GIN	Goods Identity Number	C	10	6,5,4

	Segment Group 7	C	9999	7,4
LIN	Line Item	M	1	7,4
PIA	Additional Product ID	C	10	7,4
IMD	Item Description	C	10	7,4
ALI	Additional Information	C	5	7,4
GIR	Related Identification Information	C	5	7,4
TDT	Details of Transport	C	5	7,4
FTX	Free Text	C	5	7,4
PAC	Package	C	5	7,4
DTM	Date/Time/Period	C	5	7,4
	Segment Group 8	C	5	8,7,4
RFF	Reference	M	1	8,7,4
DTM	Date/Time/Period	C	1	8,7,4
	Segment Group 9	C	5	9,7,4
LOC	Place/Location Information	M	1	9,7,4
	Segment Group 10	C	5	10,9,7,4
CTA	Contact Information	M	1	10,9,7,4
COM	Communication Contact	C	5	10,9,7,4
	Segment Group 11	C	100	11,7,4
QTY	Quantity	M	1	11,7,4
SCC	Scheduling Conditions	C	1	11,7,4
DTM	Date/Time/Period	C	1	11,7,4
	Segment Group 12	C	5	12,11,7,4
RFF	Reference	M	1	12,11,7,4
DTM	Date/Time/Period	C	1	12,11,7,4
Data Segment Sequence for the Summary Level				
FTX	Free Text	C	5	
UNT	Message Trailer	M	1	

Segment: UNH - Message Header

Level: Heading

Max Use: 1

Segment Status: Mandatory/Single Occurrence

Purpose: A service segment starting and uniquely identifying a message. The message type code for the Delivery Schedule Message is DELFOR.

TAG	Name	Data Type	M/C	Format	Comments
0062	Message Reference Number	D	M	14X	**TRANS4M** will use a unique number right-justified on a field of 9 zeros (e.g., 000012345).
S009	Message Identifier	C	M		
0065	Message Type	S	M	6X	Will always be DELJIT
0052	Message Version	S	M	3X	Will always be D
0054	Message Release Number	S	M	3X	Will always be 96A
0051	Controlling Agency	S	M	2X	Will always be UN

Segment: BGM - Beginning of Message

Level: Heading

Max Use: 1

Segment Status: Mandatory/Single Occurrence

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

TAG	Name	Data Type	M/C	Format	Comments
C002	Document/Message Name	C	C	5N	
1001	Document/Message Name, Coded	S	C	3X	Will always be 242 for Delivering Just in Time
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
1000	Document Message/Name	S	C	35X	Will always be DELJIT
1004	Document/Message Number	D	C	35X	6 digit number with the following fixed format: YYWWSS where: YY = Model Year WW = Week of Release SS = Secondary Release Number.
1225	Message Function, Coded	D	C	3X	Code indicates the function of the message. 5 = Replacement Document
4343	Response Type, Coded	D	C		Will always be NA for No Acknowledgment Needed

Segment:　　　　　DTM - Date/Time/Period

Level:　　　　　　Heading

Max Use:　　　　　10

Segment Status:　　Mandatory/Multiple Occurrences

Purpose:　　　　　Used in header to convey the document creation date as well as horizon start and stop dates.

Comments:　　　　There will be three iterations of the DTM segment in the header section: one for the document creation date, one for the horizon start date, and one for the horizon stop date.

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M	3X	97 = Transaction Creation Date 158 = Horizon Start Date 159 = Horizon End Date
2380	Date/Time/Period	S	C	35X	Date pertaining to date qualifier (above).
2379	Date/Time/Period Format Qualifier	S	C	3X	Will always be 102 to indicate that the date is in YYYYMMDD format.

Segment:　　　　　RFF - Reference

Level:　　　　　　Heading (Segment Group 1)

Max Use:　　　　　1

Segment Status:　　Optional/Single Occurrence

Purpose:　　　　　Used to convey reference numbers pertaining to the line item.

Comments:　　　　This segment will only be used if there is only one Purchase Order for the entire release.

TAG	Name	Data Type	M/C	Format	Comments
C506	Reference	C	M		
1153	Reference Qualifier	S	M	3X	Will always be ON to indicate Order Number (Purchase)
1154	Reference Number	S	C	35X	Will be the Purchase Order Number
1156	Line Number	S	C		Not Used
4000	Reference Version Number	D	C		Not Used

Segment: NAD - Name and Address

Level: Heading (Segment Group 2)

Max Use: 1

Segment Status: Mandatory/Multiple Occurrences

Purpose: Used in header to identify both the buying and selling parties.

Comments: This segment will be used three times in the header section: once to identify the buyer, once to identify the controlling supplier, and once to identify the ship-from location.

TAG	Name	Data Type	M/C	Format	Comments
3035	Party Qualifier	D	M	3X	ST = Ship-to SU = Supplier SF = Ship-from
C082	Party Identification Details	C	C		
3039	Party ID Identification	S	M	35X	If tag 3035 is BY, this will be the **TRANS4M** company code from which the DELJIT was generated. If tag 3035 is SU or SF, this will be the RPS vendor code for the supplier.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C058	Name and Address	C	C		
3124	Name and Address Line	S	M	35X	If tag 3035 is BY, this will be the **TRANS4M** company name. If tag 3035 is SU or SF, this will be the vendor name.
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
C080	Party Name	C	C		

TAG	Name	Data Type	M/C	Format	Comments
3036	Party Name	S	M		Not Used
3036	Party Name	S	C		Not Used
3036	Party Name	S	C		Not Used
3036	Party Name	S	C		Not Used
3036	Party Name	S	C		Not Used
3036	Party Name	S	C		Not Used
3045	Party Name Format, Coded	S	C		Not Used
C059	Street	C	C		
3042	Street and Number/PO Box	S	M	35X	If tag 3035 is BY, this will be the **TRANS4M** company address line. If tag 3035 is SU or SF, this will be the vendor address.
3042	Street and Number/PO Box	S	C	35X	Address Line 2
3042	Street and Number/PO Box	S	C	35X	Address Line 3
3042	Street and Number/PO Box	S	C	35X	Address Line 4
3164	City Name	D	C	35X	If tag 3035 is BY, this will be the **TRANS4M** company city name. If tag 3035 is SU or SF, this will be the vendor city name.
3229	Country Sub-Entity Identification	D	C	9X	If tag 3035 is BY, this will be the **TRANS4M** company state name. If tag 3035 is SU or SF, this will be the vendor state name.
3251	Postcode Identification	D	C	9X	If tag 3035 is BY, this will be the **TRANS4M** company ZIP (postal) code. If tag 3035 is SU or SF, this will be the vendor ZIP (postal) code.
3207	Country, Coded	D	C		If tag 3035 is BY, this will be the **TRANS4M** company COUNTRY field. If tag 3035 is SU or SF, this will be the vendor COUNTRY field.

Segment: LOC - Place/Location Identification

Level: Heading (Segment Group 2)

Max Use: 1

Segment Status: Optional/Multiple Occurrences

Purpose: To convey the place at which ownership of parts transfers from seller to buyer, or the dock where parts are to ultimately be delivered.

Comments: There will be, at most, two occurrences of this segment: one for the transfer of ownership, and another for the dock code. Data for these segments is optional, so the segment may not appear at all.

TAG	Name	Data Type	M/C	Format	Comments
3227	Place/Location Qualifier	D	M	3X	16 = Place of Transfer of Ownership 83 = Place of Delivery
C517	Location Identification	C	C		
3225	Place/Location Identification	S	C	25X	If tag 3227 is 16, this will identify the place where ownership of the product changes from seller to buyer. If tag 3227 is 83, this is the buyer's dock code where the items are to be delivered.
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, Coded	S	C		Not Used
3224	Place/Location	S	C		Not Used
C519	Related Location One Identification	C	C		Not Used
3223	Related Place/Location One Identification	S	C		Not Used
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, Coded	S	C		Not Used
3222	Related Place/Location One	S	C		Not Used

TAG	Name	Data Type	M/C	Format	Comments
C553	Related Location Two Identification	C	C		Not Used
3233	Related Place/Location Two Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
3232	Related Place/Location Two	S	C		Not Used
5479	Relation, Coded	D	C		Not Used

Segment: FTX - Free Text

Level: Heading (Segment Group 2)

Max Use: 5

Segment Status: Optional/Multiple Occurrences

Purpose: Free form text message to supplier from buyer.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAI to indicate General Information
4453	Text Function, Coded	D	M	3X	Will always be 1 to indicate Text for Subsequent Use. The occurrence of this text does not affect message processing."
C107	Text Reference	C	C		Not Used
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Freeform Message for Vendor
4440	Free Text	S	C	70X	Freeform Message for Vendor

Segment:　　　　　CTA - Contact Information

Level:　　　　　　Heading (Segment Group 3)

Max Use:　　　　　1

Segment Status:　　Optional/Single Occurrence

Purpose:　　　　　Used to identify the supplier contact information.

TAG	Name	Data Type	M/C	Format	Comments
3139	Contact Function, Coded	D	C	3X	Will always be SC to indicate Schedule Contact
C056	Department or Employee Details	C	C		
3413	Department or Employee Identification	S	C	17X	If tag 3139 is SC, this will be the PAPER RELEASE AUTHORIZA-TION field.

Segment: COM - Communication Contact

Level: Heading (Segment Group 3)

Max Use: 5

Segment Status: Optional/Multiple Occurrences

Purpose: Used in detail to convey the phone number pertaining to the contact
                    information.

TAG	Name	Data Type	M/C	Format	Comments
C076	Communication Contact	C	M		
3148	Communication Number	S	M	10X	This will be the **TRANS4M** company phone number.
3155	Communication Channel Qualifier	S	M	3X	Will always be TE to indicate Telephone Number

Segment: SEQ - Sequence Details

Level: Detail (Segment Group 4)

Max Use: 1

Segment Status: Mandatory/Single Occurrence

Purpose: To provide specific details related to the delivery sequence.

TAG	Name	Data Type	M/C	Format	Comments
1245	Status Indicator, Coded	D	C	3X	Will always be 5 = Replacement

Segment: LIN - Line Item

Segment Status: Mandatory/Single Occurrence

Level: Detail (Segment Group 7)

Max Use: 1

Purpose: To convey line item data such as buyer part number, and to indicate the start of a LIN loop.

TAG	Name	Data Type	M/C	Format	Comments
1092	Line Item Number	D	C	6N	Unique sequential number for each line item in the DELJIT message.
1229	Action Request/Notification, Coded	D	C	3X	Not Used
C212	Item Number Identification	C	C		
7140	Item Number	S	C	35X	Will be the Buyer's Part Number
7143	Item Number Type, Coded	S	C	3X	Will always be BP to indicate Buyer's Part Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C829	Sub-Line Information	C	C		
5495	Sub-Line Indicator, Coded	S	C	3X	Not Used
1082	Line Item Number	S	C	6N	Not Used
1222	Configuration Level	D	C	2N	Not Used
7083	Configuration, Coded	D	C	3X	Not Used

Segment: PIA - Additional Product ID

Level: Detail (Segment Group 7)

Max Use: 10

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
4347	Product ID Function Qualifier	D	M	3X	Will always be 1 to indicate Additional Identification
C212	Item Number Identification	C	M		
7140	Item Number	S	C	35X	Will be the Buyer's Purchase Order Number
7143	Item Number Type, Coded	S	C	3X	Will always be PO to indicate Purchase Order Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C		
7140	Item Number	S	C	35X	Will be the Engineering Change Number, if available.
7143	Item Number Type, Coded	S	C	3X	If the engineering change number is being issued in tag 7140, this will be EC to indicate Engineering Change Level.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	
7140	Item Number	S	C	3X	If available, this will be the Vendor's Part Number.
7143	Item Number Type, Coded	S	C	3X	If the vendor part is sent in tag 7140, this will be VP for Vendor Part Number.
1131	Code List Qualifier	S	C	3X	Not Used

TAG	Name	Data Type	M/C	Format	Comments
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, Coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, Coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used

Segment: IMD - Item Description

Level: Detail (Segment Group 7)

Max Use: 10

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
7077	Item Description Type, Coded	D	C	3X	Will always be A to indicate Freeform lOng Description
7081	Item Characteristic, Coded	D	C	3X	Will always be 8 to indicate Product
C273	Item Description	C	C		
7009	Item Description Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
7008	Item Description	S	C	35X	Will be the Buyer's Part Description
7008	Item Description	S	C	35X	Not Used
3453	Language, Coded	S	C	3X	Not Used
7383	Surface/Layer Indicator, Coded	D	C	3X	Not Used

Segment: TDT - Details of Transport

Level: Detail (Segment Group 7)

Max Use: 5

Segment Status: Optional/Single Occurrence

Purpose: To specify transportation details

Comments: This segment will be used to convey the carrier name which is stored on
                  the **TRANS4M** RPS purchase order.

TAG	Name	Data Type	M/C	Format	Comments
8051	Transport Stage Qualifier	D	M	3X	Will always be 25 to indicate Delivery Carrier All Transport
8028	Conveyance Reference Number	D	C		Not Used
C220	Mode of Transport	C	C		Not Used
C228	Transport Means	C	C		Not Used
C040	Carrier	C	C		
3127	Carrier Identification	S	C	17X	This will be the SHIP VIA field on the **TRANS4M** RPS purchase order.
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency	S	C		Not Used
C401	Excess Transportation Information	C	C		Not Used
C222	Transport Identification	C	C		Not Used

Segment: FTX - Free Text

Level: Detail (Segment Group 7)

Max Use: 5

Segment Status: Optional/Multiple Occurrences

Purpose: Freeform text message to supplier from buyer.

Comments: May be repeated up to three times, depending on how many messages the
                  TRANS4M user has stored on the RPS purchase order.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAI to indicate General Information
4453	Text Function, Coded	D	M	3X	Will always be 1 to indicate Text for Subsequent Use. The occurrence of this text does not affect message processing.
C107	Text Reference	C	C		Not Used
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Freeform message pertaining to the line item.
4440	Free Text	S	C	70X	Freeform message pertaining to the line item.

Segment: RFF - Reference

Level: Detail (Segment Group 8)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used to convey reference numbers pertaining to the line item.

Comments: This segment will only be used if the project number has been entered on
                 the **TRANS4M** RPS purchase order record.

TAG	Name	Data Type	M/C	Format	Comments
C506	Reference	C	M		
1153	Reference Qualifier	S	M	3X	Will always be AEP to indicate Project Number
1154	Reference Number	S	C	35X	Will be the Project Number associated with the P/O.
1156	Line Number	S	C		Not Used
4000	Reference Version Number	D	C		Not Used

Segment: LOC - Place/Location Identification

Level: Detail (Segment Group 9)

Max Use: 1

Segment Status: Optional/Multiple Occurrences

Purpose: To convey the place at which ownership of parts transfers from seller to buyer, or the dock where parts are to ultimately be delivered.

Comments: There will be, at most, two occurrences of this segment: one for the transfer of ownership, and another for the dock code. Data for these segments is optional, so the segment may not appear at all.

TAG	Name	Data Type	M/C	Format	Comments
3227	Place/Location Qualifier	D	M	3X	16 = Place of Transfer of Ownership 83 = Place of Delivery
C517	Location Identification	C	C		
3225	Place/Location Identification	S	C	25X	If tag 3227 is 16, this will identify the place where ownership of the product changes from seller to buyer. If tag 3227 is 83, this is the buyer's dock code where the items are to be delivered.
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, Coded	S	C		Not Used
3224	Place/Location	S	C		Not Used
C519	Related Location One Identification	C	C		Not Used
3223	Related Place/Location One Identification	S	C		Not Used
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, Coded	S	C		Not Used
3222	Related Place/Location One	S	C		Not Used

TAG	Name	Data Type	M/C	Format	Comments
C553	Related Location Two Identification	C	C		Not Used
3233	Related Place/Location Two Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, Coded	S	C	3X	Not Used
3232	Related Place/Location Two	S	C		Not Used
5479	Relation, Coded	D	C		Not Used

Segment: CTA - Contact Information

Level: Detail (Segment Group 10)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used in LIN loop to convey the name of the planner for the buyer part.

Comments: This segment will only be used if planner data has been entered in the **TRANS4M** RPS part master or inventory master databases.

TAG	Name	Data Type	M/C	Format	Comments
3139	Contact Function, Coded	D	C	3X	Will always be SC to indicate Schedule Contact
C056	Department or Employee Details	C	C		
3413	Department or Employee Identification	S	C	17X	Not Used
3412	Department or Employee	S	C	35X	Will be the name or code of the planner for the buyer part

Segment: QTY - Quantity

Level: Detail (Segment Group 11)

Max Use: 1

Segment Status: Mandatory/Multiple Occurrences

Purpose: The quantity segment is used to convey the firm, planned last received, and CUM received quantities for the part/purchase order on the buyer's records.

TAG	Name	Data Type	M/C	Format	Comments
C186	Quantity Details	C	M		
6063	Quantity Qualifier	S	M	3X	1 = Discrete Quantity 48 = Received Quantity 70 = Cumulative Quantity Received 79 = Previous Cumulative Quantity
6060	Quantity	S	M	15N	If tag 6063 is 1, this will be the firm quantity required for the time period given in the DTM segment. If tag 6063 is 48, this will be the last quantity that was received by the buyer. If tag 6063 is 70, this will be the YTD cumulative quantity received by the buyer.
6411	Measure Unit Qualifier	S	C	3X	Will be the unit of measure in which quantities are expressed from the buyer P/O.

Segment: SCC - Scheduling Conditions

Level: Detail (Segment Group 11)

Max Use: 1

Segment Status: Mandatory/Multiple Occurrences

Purpose: The SCC segment will be used to convey the ship/delivery and commitment requirements.

Comments: This segment will only be used when firm quantities are being issued in the QTY segment.

TAG	Name	Data Type	M/C	Format	Comments
4017	Deliver Plan Status Indicator, Coded	D	M	3X	1 = Firm 5 = Past Due
4493	Delivery Requirements, Coded	D	C		Not Used
C329	Pattern Description	C	C		
2013	Frequency, Coded	S	C	3X	D = Discrete
2015	Despatch Pattern, Coded	S	C	3X	Not Used
2017	Despatch Pattern Timing, Coded	S	C		Not Used

Segment:	DTM - Date/Time/Period
Level:	Detail (Segment Group 11)
Max Use:	1
Segment Status:	Mandatory/Multiple Occurrences
Comments:	No DTM segment will be issued when the QTY segment contains the YTD cumulative quantity. Two iterations of this segment will be used to convey the start and stop days when weekly or monthly quantities are being given in the QTY segment. One DTM segment will be used to identify the ship/delivery date for past due and discrete quantities.

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M	3X	2 = Deliver Date/Time 50 = Goods Receipt Date (used when the QTY segment contains the last ship quantity) 51 = Cumulative Qty Start Date (used when QTY segment contains the CUM receipts, FAB and RAW quantities) 52 = Cumulative Qty End Date
2380	Date/Time/Period	S	C	35X	This will be the date (YYYYMMDD format) to which the associated QTY segment pertains.
2379	Date/Time/Period Qualifier	S	C	3X	Will always be 102 to indicate that the date will be in YYYYMMDD format.

Segment: RFF - Reference

Level: Detail (Segment Group 12)

Max Use: 1

Segment Status: Optional/Single Occurrence

Purpose: Used to convey reference numbers pertaining to the line item.

Comments: This segment will only be used if the last shipper number received is
                    available from the **TRANS4M** RPS purchase order record.

TAG	Name	Data Type	M/C	Format	Comments
C506	Reference	C	M		
1153	Reference Qualifier	S	M	3X	Will always be SI to indicate Shipper Identification
1154	Reference Number	S	C	35X	Will be the last shipper number received
1156	Line Number	S	C		Not Used
4000	Reference Version Number	D	C		Not Used

Segment: UNT - Message Trailer

Level: Summary

Max Use: 1

Segment Status: Mandatory/Single Occurrence

TAG	Name	Data Type	M/C	Format	Comments
0074	Number of Segments in the Message.	D	M	6N	Will be the sum total of the number of segments in the message
0062	Message Reference Number	D	M	14X	This will be the same message reference number as stored in the associated UNH segment for the DELJIT document.

SECTION 3: DESADV (DESTINATION ADVICE MESSAGE)

This document provides the CMI standard format and established data contents of a DESADV (Destination Advice Message).

> **Note:**   **DESADV elements which are not used by the TRANS4M system are not listed in this document.**

Seg. ID	Name	Seg. Type	Max. Use	Segment Group
Data Segment Sequence for the Heading Level				
UNH	Message Header	M	1	
BGM	Beginning of Message	M	1	
DTM	Date/Time/Period	M	10	
MEA	Measurements	C	5	
	Segment Group 1			
RFF	Reference	M	2	
	Segment Group 2	C	20	
NAD	Name and Address	M	1	
TDT	Details of Transport	M	1	
Data Segment Sequence for the Detail Level				
	Segment Group 10	C	9999	
CPS	Consignment Packing Sequence	M	1	
	Segment Group 15	C	9999	
LIN	Line Item	M	1	
PIA	Additional Product ID	C	10	
IMD	Item Description	C	25	
QTY	Quantity	C	10	
Data Segment Sequence for the Summary Level				
CNT	Control Trailer	C	5	
UNT	Message Trailer	M	1	

Segment: UNH - Message Header

Level: Heading

Max Use: 1

Segment Status:

Purpose: A service segment starting and uniquely identifying a message. The message type code for the Destination Advice Message is DESADV.

TAG	Name	Data Type	M/C	Format	Comments
0062	Message Reference Number	D	M	14X	Must be a unique number right-justified on a field of 8 zeros (e.g., 00012345).
S009	Message Identifier	C	M		
0065	Message Type	S	M	6X	Will always be DESADV
0052	Message Version	S	M	3X	Will always be D
0054	Message Release Number	S	M	3X	Will always be 96A
0051	Controlling Agency	S	M	2X	Will always be UN

Segment: BGM - Beginning of Message

Level: Heading

Max Use: 1

Segment Status:

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

TAG	Name	Data Type	M/C	Format	Comments
C002	Document/Message Name	C	C	5N	
1001	Document/Message Name, coded	S	C	3X	Will always be 350 for Despatch Order
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
1000	Document Message/Name	S	C	35X	Will always be DESADV
1004	Document/Message Number	D	C	35X	This will be a unique 35-digit alphanumeric identifier assigned by the supplier at the time the DESADV message is generated.
1225	Message Function, coded	D	C	3X	Code indicates the function of the message. Possible values include: 5 = Replacement Document 9 = Original Transmission
4343	Response Type, coded	D	C		Will always be NA for No Acknowledgment Needed

Segment: DTM - Date/Time/Period

Level: Heading

Max Use: 10

Segment Status:

Purpose: The DTM segment should be used to convey the message creation date as well as the shipment date.

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M		10 = Shipment Date 97 = Transaction Creation Date
2380	Date/Time/Period	S	C		Date pertaining to date qualifier (above)
2379	Date/Time/Period Format Qualifier	S	C		Will always be 102 to indicate that the date is in YYYYMMDD format

Segment: MEA

Level: Heading

Max Use: 5

Segment Status:

Purpose: Used to specify physical measurements of shipment.

Comments: This segment should be used to convey the shipment gross and tare
                  weights.

TAG	Name	Data Type	M/C	Format	Comments
6311	Measurement Application Qualifier	D	M		Must be EGW for Estimated Gross Weight or WT for Weights The estimated gross weight should be the total weight of the shipment which includes packaging. The weights should only be the tare weight of the shipped parts.
C502	Measurement Details	C	C		Not Used
6313	Measurement Dimension, coded	S	C		Not Used
6321	Measurement Significance, coded	S	C		Not Used
6155	Measurement Attribute, coded	S	C		Not Used
6154	Measurement Attribute	S	C		Not Used
C174	Value/Range	C	C		Not Used
6411	Measure Unit Qualifier	S	M	3X	The Weight Unit of Measure
6314	Measurement Value	S	C		If tag 6311 is EGW, this should be the gross weight of the shipment. If tag 6311 is WT, this should be the tare weight of the shipment.
6162	Range Minimum	S	C		Not Used
6152	Range Maximum	S	C		Not Used
6432	Significant Digits	S	C		Not Used

TAG	Name	Data Type	M/C	Format	Comments
7383	Surface/Layer Indicator, coded	D	C		Not Used

Segment: RFF - Reference

Level: Heading (Segment Group 1)

Max Use: 2

Purpose: Used to convey the Bill of Lading and Packing Slip numbers.

TAG	Name	Data Type	M/C	Format	Comments
C5606	Reference	C	M		
1153	Reference Qualifier	S	M	3X	PK = Packing List Number BM = Bill of Lading Number
1154	Reference Number	S	C		If tag 1153 is BM, this will be the bill of lading number. If tag 1153 is PK, this will be the packing slip number.
1156	Line Number	S	C		Not Used
4000	Reference Version Number	S	C		Not Used

Segment: NAD - Name and Address

Level: Heading (Segment Group 2)

Max Use: 1

Segment Status:

Purpose: Used in header to identify both the buying and selling parties.

Comments: There must be two iterations of this segment: one each for the supplier ship-from and the buyer ship-to. The only required data element is tag 3039; however, other data element tags may be printed on reports and therefore should be sent where applicable (e.g., party name, address, city, etc.).

TAG	Name	Data Type	M/C	Format	Comments
3035	Party Qualifier	D	M	3X	ST = Ship-to SF = Ship-from
C082	Party Identification Details	C	C		
3039	Party ID Identification	S	M	35X	If tag 3035 is ST, this will be the **TRANS4M** company code of the buyer ship-to location. If tag 3035 is SF, this should be the RPS ship-from vendor code for the ship-from location.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C058	Name and Address	C	C		
3124	Name and Address Line	S	M	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
C080	Party Name	C	C		
3036	Party Name	S	M		

TAG	Name	Data Type	M/C	Format	Comments
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3045	Party Name Format, coded	S	C		
C059	Street	C	C		
3042	Street and Number/PO Box	S	M	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3042	Street and Number/PO Box	S	C	35X	Not Used
3164	City Name	D	C	35X	Not Used
3229	Country Sub-Entity Identification	D	C	9X	Not Used
3251	Postcode Identification	D	C	9X	Not Used
3207	Country, coded	D	C		Not Used

Segment: TDT

Level: Heading (Segment Group 2)

Max Use: 1

Segment Status:

Purpose: Used to convey the carrier information pertaining to the shipment.

TAG	Name	Data Type	M/C	Format	Comments
8051	Transport Stage Qualifier	D	M	3X	Must be 20 for Main Carriage Transport
8028	Conveyance Reference Number	D	C	17X	This will be the unique number assigned by the carrier to the shipment or carrier vehicle.
C220	Mode of Transport	C	C		
8067	Mode of Transport, coded	S	C	3X	EDIFACT code designating the mode of transport. Accepted values include: 20 = Rail Transport 30 = Road Transport 40 = Air Transport 60 = Multimodel Transport
8066	Mode of Transport	S	C	17X	Not Used
C228	Transport Means	C	C		
8179	Type of Means of Transport Identification	S	C		Not Used
8178	Type of Means of Transport	S	C		Not Used
C040	Carrier	C	C		
3127	Carrier Identification	S	C	17X	Code designating the carrier used to transport goods
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, coded	S	C		Not Used
3128	Carrier Name	S	C	37X	Not Used
8101	Transit Direction, coded	D	C		Not Used

TAG	Name	Data Type	M/C	Format	Comments
C401	Excess Transportation Information	C	C		
8457	Excess Transportation Reason, coded	S	M		Not Used
8459	Excess Transportation Responsibility, coded	S	M		Not Used
7130	Customer Authorization Number	S	C		Not Used
C222	Transport Identification	C	C		
8213	ID Of Means of Transport Identification	S	C		Not Used
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency, coded	S	C		Not Used
8212	ID of Means of Transport	S	C		Not Used
8453	Nationality of Means of Transport	S	C		Not Used
8281	Transport Ownership, coded	D	C		Not Used

Segment: CPS - Consignment Packing Sequence

Level: Detail (Segment Group 10)

Max Use: 1

Segment Status:

Purpose: Segment is used to define a hierarchical structure to convey packaging information.

Comments: No packaging information need be conveyed. This segment is only included to ensure conformity with EDIFACT standards

TAG	Name	Data Type	M/C	Format	Comments
7164	Hierarchical ID Number	D	M	12X	Because there will only be one hierarchical level, this value should always be 1.
7166	Hierarchical Parent ID	D	C		Not Used
7075	Packing Level, coded	D	C		Not Used

Segment: LIN - Line Item

Level: Detail (Segment Group 15)

Max Use: 1

Segment Status:

Purpose: To convey line item data such as buyer part number and to indicate the start of the LIN loop.

TAG	Name	Data Type	M/C	Format	Comments
1082	Line Item Number	D	C	6N	Unique sequential number for each line item in the DESADV message.
1229	Action Request/Notification, coded	D	C	3X	Not Used
C212	Item Number Notification	C	C		
7140	Item Number	S	C	35X	
7143	Item Number Type, coded	S	C	3X	Should be the Buyer's Part Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C829	Sub-Line Information	C	C		
5495	Sub-Line Indicator, coded	S	C	3X	Not Used
1082	Line Item Number	S	C	6N	Not Used
1222	Configuration Level	D	C	2N	Not Used
7083	Configuration, coded	D	C	3X	Not Used

Segment: PIA - Additional Product ID

Level: Detail (Segment Group 15)

Max Use: 10

Segment Status:

Purpose:

TAG	Name	Data Type	M/C	Format	Comments
4347	Product ID Function Qualifier	D	M	3X	Will always be 1 for Additional Identification
C212	Item Number Identification	C	M		
7140	Item Number	S	C	35X	Should be the Buyer's Purchase Order Number
7143	Item Number Type, coded	S	C	3X	Should always be PO for Purchase Order Number
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C		
7140	Item Number	S	C	35X	If desired, this should be the Vendor's Part Number
7143	Item Number Type, coded	S	C	3X	If the vendor part is sent in tag 7140, this should be VP for Vendor Part Number.
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used

TAG	Name	Data Type	M/C	Format	Comments
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
C212	Item Number Identification	C	C	3X	Not Used
7140	Item Number	S	C	3X	Not Used
7143	Item Number Type, coded	S	C	3X	Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used

Segment: IMD - Item Description

Level: Detail (Segment Group 15)

Max Use: 25

Segment Status:

Purpose: Used to describe the product being dispatched.

Comments: This is an optional segment which the supplier may send; it is not loaded in RPS. **TRANS4M** will not be loaded if preset data on this segment will be included on any report of the EDI data.

TAG	Name	Data Type	M/C	Format	Comments
7077	Item Description Type, coded	D	C	3X	Should always be A for Freeform Long Description
7081	Item Characteristic, coded	D	C	3X	Should always be 8 for Product
C273	Item Description	C	C		
7009	Item Description Identification	S	C		Not Used
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
7008	Item Description	S	C	35X	Should be the Seller's Part Description
7008	Item Description	S	C	35X	Not Used
3453	Language, coded	S	C	3X	Not Used
7383	Surface/Layer Indicator, coded	D	C	3X	Not Used

Segment: QTY - Quantity

Level: Detail (Segment Group 15)

Max Use: 10

Segment Status:

Purpose: Used to convey quantities associated with the parts being shipped.

Comments: Two iterations of this segment must be used: one for the discrete quantity being shipped for the line item, and one for the cumulative quantity (including this shipment) shipped against the purchase order.

TAG	Name	Data Type	M/C	Format	Comments
C186	Quantity Details	C	M		
6063	Quantity Qualifier	S	M	3X	1 = Discrete 3 = Cumulative
6060	Quantity	S	M	15N	If tag 6063 is 1, this must be the quantity being shipped for the line item. If tag 6063 is 3, this must be the cumulative quantity shipped against the line item P/O, including this shipment.
6411	Measure Unit Qualifier	S	C	3X	Must be the unit of measure in which the line item is shipped.

Segment: CNT - Control Total

Level: Summary

Mac Use: 5

Segment Status:

Purpose: To provide control data pertaining to the DESADV message.

TAG	Name	Data Type	M/C	Format	Comments
C270	Control	C	M		
6069	Control Qualifier	S	M	3X	Will always be 2 to indicate Number of Line Items in Message
6066	Control Value	S	M	18N	This will be the sum total of all the line items (LIN segments) in the DESADV message.
6411	Measure Unit Qualifier	S	C		Not Used

Segment: UNT - Message Trailer

Level: Summary

Max Use: 1

Segment Status:

Purpose:

TAG	Name	Data Type	M/C	Format	Comments
0074	Number of segments in the message	D	M	6N	This will be the sum total of the number of segments in the message.
0062	Message Reference Number	D	M	14X	This will be the same message reference number as stored in the associated UNH segment for the DESADV document.

APERAK (APPLICATION ERROR AND ACKNOWLEDGEMENT MESSAGE)

This section provides the BRAIN North America, Inc. standard format and established data contents of an APERAK (Application Error and Acknowledgement) Message.

Note: APERAK elements which are not used by the **TRANS4M** system are not listed in this document.

Seg. ID	Name	Seg. Type	Max. Use	Segment Group
Data Segment Sequence for the Header Level				
UNH	Message Header	M	1	
BGM	Beginning of Message	M	1	
DTM	Date/Time/Period	M	10	
FTX	Free Text	C	1	
	Segment Group 1	C	1	
RFF	Reference	M	1	
	Segment Group 2	C	20	2
NAD	Name and Address	M	1	2
CTA	Contact Information	C	9	2
COM	Communication Contact	C	9	2
Data Segment Sequence for the Detail Level				
	Segment Group 3	C	99999	3
ERC	Application Error Information	M	1	3
FTX	Free Text	C	1	3
	Segment Group 4	C	500	4
RFF	Reference	M	1	4,3
FTX	Free Text	C	9	4,3
Data Segment Sequence for the Summary Level				
UNT	Message Trailer	M	1	

Message Header

Segment:	UNH - Message Header
Level:	Header
Max Use:	1
Segment Status:	
Purpose:	A service segment starting and uniquely identifying a message. The message type code for the Application Error and Acknowledgment Massage is APERAK.

TAG	Name	Data Type	M/C	Format	Comments
0062	Message Reference Number	D	M	14X	Must be a unique number right-justified on a field of 8 zeros (e.g., 00012345).
S009	Message Identifier	C	M		
0065	Message Type	S	M	6X	Will always be APERAK
0052	Message Version	S	M	3X	Will always be D
0054	Message Release Number	S	M	3X	Will always be 96A
0051	Controlling Agency	S	M	2X	Will always be UN

Beginning of Message

Segment:	BGM - Beginning of Message
Level:	Header
Max Use:	1
Segment Status:	
Purpose:	To indicate the type and function of a message and to transmit the identifying number.

TAG	Name	Data Type	M/C	Format	Comments
C002	Document/Message Name	C	C	5N	
1001	Document/Message Name, coded	S	C	3X	Will always be 23 for Status Information
1131	Code List Qualifier	S	C	3X	Not Used
3055	Code List Responsible Agency, coded	S	C	3X	Not Used
1000	Document Message/Name	S	C	35X	Will always be APERAK
1004	Document/Message Number	D	C	35X	Not Used
1225	Message Function, coded	D	C	3X	Not Used
4343	Response Type, coded	D	C		Not Used

Date/Time/Period

Segment:	DTM - Date/Time/Period
Level:	Header
Max Use:	10
Segment Status:	
Purpose:	The DTM segment should be used to convey the message creation date.

TAG	Name	Data Type	M/C	Format	Comments
C507	Date/Time/Period	C	M		
2005	Date/Time/Period Qualifier	S	M		137 = Document/Message Date/ Time
2380	Date/Time/Period	S	C		Date pertaining to date qualifier (above)
2379	Date/Time/Period Format Qualifier	S	C		Will always be 102 to indicate that the date is in YYYYMMDD format

Free Text

Segment:	FTX - Free Text
Level:	Header
Max Use:	1
Segment Status:	Conditional - if no errors
Purpose:	Freeform text message to indicate acceptance with no errors.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAE
4453	Text Function, Coded	D	M	3X	Will always be 3 to indicate Text for immediate use. The occurrence of this text does not affect message processing.
C107	Text Reference	C	C		Will always be DESADV
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Will always be "Transaction Accepted"
4440	Free Text	S	C	70X	Freeform message for Vendor.
4440	Free Text	S	C	70X	Freeform message for Vendor.

Reference

Segment:	RFF - Reference
Level:	Header - Segment 1 is conditional on there being no errors. RFF is mandatory if Segment 1 is sent.
Max Use:	1
Segment Status:	
Purpose:	Used to provide a reference relating to the acknowledgement.

TAG	Name	Data Type	M/C	Format	Comments
C5606	Reference	C	M		
1153	Reference Qualifier	S	M	3X	SI=SID (Shipper's Identifying Number)
1154	Reference Number	S	C		Shipper's Identifying Number sent on the DESADV being acknowledged.
1156	Line Number	S	C		Not Used
4000	Reference Vision Number	S	C		Not Used

Name and Address

Segment:	NAD - Name and Address
Level:	Header (Segment Group 2)
Max Use:	1
Segment Status:	
Purpose:	Used in header to identify both the sending and receiving parties.

TAG	Name	Data Type	M/C	Format	Comments
3035	Party Qualifier	D	M	3X	FR = Message From MR = Message Recipient
C082	Party Identification Details	C	C		
3039	Party ID Identification	S	M	35X	If tag 3035 is FR, this will be the **TRANS4M** company code from which the APERAK was generated. If tag 3035 is MR, this will be the RPS ship-from vendor code for the ship-from location.
1131	Code List Qualifier	S	C	3X	If tag 3035 is MR, this will be 10 (Enhanced Party Identification).
3055	Code List Responsible Agency, coded	S	C	3X	If tag 3035 is MR, this will be 86 (Assigned by Party Originating Message).
C058	Name and Address	C	C		
3124	Name and Address Line	S	M	35X	FR = The **TRANS4M** Company Name
3124	Name and Address Line	S	C	35X	MR = The Supplier Name
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
3124	Name and Address Line	S	C	35X	Not Used
C080	Party Name	C	C		

3036	Party Name	S	M		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3036	Party Name	S	C		
3045	Party Name Format, coded	S	C		
C059	Street	C	C		
3042	Street and Number/PO Box	S	M	35X	This will be the **TRANS4M** Company Address Line 1
3042	Street and Number/PO Box	S	C	35X	This will be the **TRANS4M** Company Address Line 2
3042	Street and Number/PO Box	S	C	35X	This will be the **TRANS4M** Company Address Line 3
3042	Street and Number/PO Box	S	C	35X	This will be the **TRANS4M** Company Address Line 4
3164	City Name	D	C	35X	Not Used
3229	Country Sub-Entity Identification	D	C	9X	Not Used
3251	Postcode Identification	D	C	9X	Not Used
3207	Country, coded	D	C		Not Used

Contact Information

Segment:	CTA - Contact Information
Level:	Segment Group 2
Max Use:	9
Segment Status:	Optional/Single Occurrence
Purpose:	Used to identify the person, department to whom communications should always be directed.

TAG	Name	Data Type	M/C	Format	Comments
3139	Contact Function, Coded	D	C	3X	Will always be AH to indicate Coordination Contact
C056	Department or Employee Details	C	C		
3413	Department or Employee Identification	S	C	17X	Will always be MATERIAL MANAGER

Communication Contact

Segment:	COM - Communication Contact
Level:	Segment 2
Max Use:	9
Segment Status:	Optional/Multiple Occurrences
Purpose:	Used in detail to convey the phone number pertaining to the contact information.

TAG	Name	Data Type	M/C	Format	Comments
C076	Communication Contact	C	M		
3148	Communication Number	S	M	10X	This will be the **TRANS4M** company phone number.
3155	Communication Channel Qualifier	S	M		Will always be TE to indicate Telephone Number

Application Error Information

Segment:	ERC - Application Error Information
Level:	Detail (Segment Group 3)
Max Use:	1
Segment Status:	Mandatory/Single Occurrence
Purpose:	Used to specify the type of application error within a received message.

TAG	Name	Data Type	M/C	Format	Comments
C901	Application Error Detail	C	M		
9321	Application Error Identification	S	M		006 = Duplicate 007 = Missing Data 009 = Invalid Date 024 = Other Unlisted Reason
1131	Code List Qualifier	S	C		Not Used
3055	Code List Responsible Agency	S	C		Not Used

Free Text

Segment:	FTX - Free Text
Level:	Detail (Segment Group 3)
Max Use:	9
Segment Status:	Optional/Multiple Occurrences
Purpose:	Freeform text message to indicated acknowledgment of sent message if no errors occurred.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAE to indicate Acknowledgment Description
4453	Text Function, Coded	D	M	3X	Will always be 3 to indicate Text for immediate use. The occurrence of this text does not affect message processing.
C107	Text Reference	C	C		Not Used
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Will always be DESADV
4440	Free Text	S	C	70X	Will always be Transaction Accepted if no errors occurred

Reference

Segment:	RFF - Reference
Level:	Detail (Segment Group 4)
Max Use:	1
Segment Status:	
Purpose:	Used to provide a reference relating to the acknowledgment.

TAG	Name	Data Type	M/C	Format	Comments
C5606	Reference	C	M		
1153	Reference Qualifier	S	M	3X	SI = SID (Shipper's Identifying Number)
1154	Reference Number	S	C		Shipper's Identifying Number sent on the DESADV being acknowledged or error reported.
1156	Line Number	S	C		Not Used
4000	Reference Version Number	S	C		Not Used

Free Text

Segment:	FTX - Free Text
Level:	Detail (Segment Group 4)
Max Use:	1
Segment Status:	Optional/Multiple Occurrences
Purpose:	Freeform text message to provide explanation related to the specified application error.

TAG	Name	Data Type	M/C	Format	Comments
4451	Text Subject Qualifier	D	M	3X	Will always be AAO to indicate Error Description
4453	Text Function, Coded	D	M	3X	Will always be 3 to indicate Text for immediate use. The occurrence of this text does not affect message processing.
C107	Text Reference	C	C		Not Used
C108	Text Literal	C	C		
4440	Free Text	S	M	70X	Freeform message for Vendor
4440	Free Text	S	C	70X	Freeform message for Vendor
4440	Free Text	S	C	70X	Freeform message for Vendor

Message Trailer

Segment:	UNT - Message Trailer
Level:	Summary
Max Use:	1
Segment Status:	
Purpose:	

TAG	Name	Data Type	M/C	Format	Comments
0074	Number of segments in the message	D	M	6N	This will be the sum total of the number of segments in the message.
0062	Message Reference Number	D	M	14X	This will be the same message reference number as stored in the associated UNH segment for the DESADV document.