
HOUSE OF FRASER

Bulk EDIFACT ASN MESSAGE FORMAT

A TECHNICAL GUIDE FOR SUPPLIERS

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1. OVERVIEW

1.1 Introduction

This document describes the Edifact Dispatch Advice message format that House of Fraser accepts. You can send your ASN's in more than one format comprising of XML, CSV and EDI. The EDI format we accept is only in Edifact and the message can only be sent via FTP.

In this document the format of the Edifact Version 5 DESADV message for Non Cross Dock is described and displayed to give a full view and understanding of the schema.

2. SEGMENTS LAYOUT

2.1 Legend

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the second column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout. Following the EDIFACT information, EANCOM specific information is provided in the third, fourth, and fifth columns. In the third column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fourth column the restricted indicator (see point 3 on the following page), and in the fifth column notes and code values used for specific data elements in the message.
 - 2.1 (M)andatory data elements in EDIFACT segments retain their status in EANCOM.
 - 2.2 Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

- REQUIRED	R	Indicates that the entity is required and must be sent.
- ADVISED	A	Indicates that the entity is advised or recommended.
- DEPENDENT	D	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
- OPTIONAL	O	Indicates that the entity is optional and may be sent at the discretion of the user.
- NOT USED	N	Indicates that the entity is not used and should be omitted.
 - 2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.
3. Status indicators detailed in the fourth column which directly relate to the code values detailed in the fifth column may have two values;

- RESTRICTED	*	A data element marked with an asterisk (*) in the fourth column indicates that the listed codes in column five are the only codes available for use with this data element, in this segment, in this message.
- OPEN		All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterisk in fourth column). The available codes are listed in the EANCOM Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.

2.2 Segments

UNB – M		INTERCHANGE HEADER: Controls the transmission.				
		EDIFACT	EAN	*	Description	Comments
S001	SYNTAX IDENTIFIER	M				
0001	Syntax identifier	M a4			Value = 'UNOA'	
0002	Syntax version number	M n1			Value = '2'	Message Syntax Version used by HoF
S002	INTERCHANGE SENDER	M				
0004	Sender's identification	M an..35			User ANA Number or User Recipient Code	
0007	Identification code qualifier	C an..4			Value = '14'	Indicates sender ID is EAN13 code, otherwise blank
0008	Address for reverse routing	C an..14				
S003	INTERCHANGE RECIPIENT	M				
0010	Recipient identification	M an..35			'5019589000016'	
0007	Identification code qualifier	C an..4			Value = '14'	Indicates sender ID is EAN13 code, otherwise blank
0014	Routing address	C an..14				
S004	DATE/TIME OF PREPARATION	M				
0017	Date	M n6			YYMMDD	Date of file preparation
0019	Time	M n4			HHMM	Time of file preparation
0020	Interchange control reference	M an..14			nnnnnn	Incremented by one for each transmission
S005	RECIPIENTS REFERENCE/PASSWORD	C				
0022	Recipient's reference/password	M an..14				
0025	Recipient's ref./pass. qualifier	C an2				
0026	Application reference	C an..14			Value = 'DESADV'	Despatch advice. 1) If sending in a Test ASN using FTP please substitute 'DESADV' for 'DESTST'. 2) If sending in a live ASN using FTP please use 'DESADV'. 3) For Non FTP suppliers please use the value 'DESADV' for both live and test ASNs
0029	Processing priority code	C a1				
0031	Acknowledgement request	C n1				
0032	Communications agreement ID	C an..35			Value = 'EANCOM'	
0035	Test indicator	C n1			Value = '1'	Indicates message is a test otherwise blank

UNH – M 1 - MESSAGE HEADER To head, identify and specify a message.					
Segment number: 1	EDIFACT	EAN	*	Description	Comments
0062 Message reference number	M an..14	M		Message reference number	
S009 MESSAGE IDENTIFIER	M	M			
0065 Message type identifier	M an..6	M	*	Value = 'DESADV'	Despatch advice message EDIFACT directory D.96A Agency responsible for the message type EAN version control number
0052 Message type version number	M an..3	M	*	Value = 'D'	
0054 Message type release number	M an..3	M	*	Value = '96A'	
0051 Controlling agency	M an..2	M	*	Value = 'UN'	
0057 Association assigned code	C an..6	R	*	Value = 'EAN005'	
0068 Common access reference	C an..35	N			
S010 STATUS OF THE TRANSFER	C	N			

BGM – M 1 - Beginning of message: To indicate the type and function of a message and to transmit the identifying number.					
Segment number: 2	EDIFACT	EAN	*	Description	Comments
C002 DOCUMENT/MESSAGE NAME	C	R			Despatch advice
1001 Document/message name, coded	C an..3	R	*	Value = '351'	
1131 Code list qualifier	C an..3	N			
3055 Code list responsible agency, coded	C an..3	D	*		
1000 Document/message name	C an..35	O			
1004 Document/message number	C an..13	R		Despatch Advice Number	ASN Number – up to 13 uppercase alphanumeric characters
1225 Message function, coded	C an..3	R	*	Value = '1' or '9'	1 = Cancellation; 9 = Original
4343 Response type, coded	C an..3	N		Value = 'NA'	No acknowledgement needed

DTM – C 1 - Date/time/period: To specify date, and/or time, or period.					
Segment number: 3	EDIFACT	EAN	*	Description	Comments
C507 DATE/TIME/PERIOD	M	M			Delivery Date/Time Arrival Format = YYYYMMDDHHMM
2005 Date/time/period qualifier	M an..3	M	*	'2' = Delivery date / time requested	
2380 Date/time/period	C an..35	R		YYYYMMDDHHMM	
2379 Date/time/period format qualifier	C an..3	R		Value = '203'	

RFF – M		1 - Reference: To specify a reference.				
Segment number: 4		EDIFACT	EAN	*	Description	Comments
C506	REFERENCE	M	O			(OPTIONAL DEPENDANT ON INVOICE LEVEL) Delivery Advice Note number. (DAN reference) Required if supplier is invoicing per delivery, not per store. The supplier should use the House of Fraser Purchase Order number.
1153	Reference qualifier	M an..3	O		Value = 'AAU'	
1154	Reference number	C an..35	O		Despatch Advice Number	
1156	Line number	C an..6	N			
4000	Reference version number	C an..35	N			

RFF – M		1 - Reference: To specify a reference.				
Segment number: 4		EDIFACT	EAN	*	Description	Comments
C506	REFERENCE	M	O			Order HOF - 6 Digit Order number
1153	Reference qualifier	M an..3	O		Value = 'ON'	
1154	Reference number	C an..35	O			
1156	Line number	C an..6	N			
4000	Reference version number	C an..35	N			

RFF – M		1 - Reference: To specify a reference.				
Segment number: 4		EDIFACT	EAN	*	Description	Comments
C506	REFERENCE	M	O			Booking Ref. Qualifier NDC Booking Ref.
1153	Reference qualifier	M an..3	O		Value = 'BN'	
1154	Reference number	C an..35	O		Booking Ref. (8 Digits)	
1156	Line number	C an..6	N			
4000	Reference version number	C an..35	N			

NAD – M						1 - Name and address: To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207					
Segment number: 6		EDIFACT	EAN	*	Description	Comments					
3035	Party qualifier	M an..3	M		SU = Supplier	'SU'					
C082	PARTY IDENTIFICATION DETAILS	C	A								
3039	Party id. identification	M an..35	M		HOF Supplier Number - Format n7	Hof Supplier Number					
1131	Code list qualifier	C an..3	N								
3055	Code list responsible agency, coded	C an..3	R	*	'59'	'59' If Hof Supplier Number used					
C058	NAME AND ADDRESS	C	N								
3124	Name and address line	M an..35									
3124	Name and address line	C an..35									
3124	Name and address line	C an..35									
3124	Name and address line	C an..35									
3124	Name and address line	C an..35									
C080	PARTY NAME	C	D								
3036	Party name	M an..35	M		Supplier name	Supplier Name					
3036	Party name	C an..35	O								
3036	Party name	C an..35	O								
3036	Party name	C an..35	O								
3036	Party name	C an..35	O								
3045	Party name format, coded	C an..3	O								
C059	STREET	C	D								
3042	Street and number/p.o. box	M an..35	M		Building Name/Number and Street						
3042	Street and number/p.o. box	C an..35	O		Name and/or P.O. Box						
3042	Street and number/p.o. box	C an..35	O								
3042	Street and number/p.o. box	C an..35	O								
3164	City name	C an..35	D		City/Town, clear text.						
3229	Country sub-entity identification	C an..9	D		County/State in clear text.						
251	Postcode identification	C an..9	D		Postal Code						
3207	Country, coded	C an..3	D		ISO 3166 two alpha code						

NAD – M 1 - Name and address: To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207						
Segment number: 6	EDIFACT	EDIFACT	EDIFACT	*	Description	Comments
3035 Party qualifier	M an..3	M			BY = Buyer	'BY'
C082 PARTY IDENTIFICATION DETAILS	C	A				
3039 Party id. identification	M an..35	M			EAN Location Number - Format n13	HOF Delivery ANA MUST BE ANA for NDC = '5019589016006'
1131 Code list qualifier	C an..3	N				
3055 Code list responsible agency, coded	C an..3	R	*		9 = EAN	'9' If EAN location used
C058 NAME AND ADDRESS	C	N				
3124 Name and address line	M an..35					
3124 Name and address line	C an..35					
3124 Name and address line	C an..35					
3124 Name and address line	C an..35					
3124 Name and address line	C an..35					
C080 PARTY NAME	C	D				
3036 Party name	M an..35	M			NDC name	NDC name
3036 Party name	C an..35	O				
3036 Party name	C an..35	O				
3036 Party name	C an..35	O				
3036 Party name	C an..35	O				
3045 Party name format, coded	C an..3	O				
C059 STREET	C	D				
3042 Street and number/p.o. box	M an..35	M			Building Name/Number and Street	'Northfield Drive Milton Keynes MK15 0DB'
3042 Street and number/p.o. box	C an..35	O			Name and/or P.O. Box	
3042 Street and number/p.o. box	C an..35	O				
3042 Street and number/p.o. box	C an..35	O				
3164 City name	C an..35	D			City/Town, clear text.	
3229 Country sub-entity identification	C an..9	D			County/State in clear text.	
251 Postcode identification	C an..9	D			Postal Code	
3207 Country, coded	C an..3	D			ISO 3166 two alpha code	

CPS – M 1 - Consignment packing sequence: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.						
Segment number: 17	EDIFACT	EDIFACT	EDIFACT	*	Description	Comments
7164 Hierarchical id. number	M an..12	M			Sequential numbering recommended.	Value = 1 Dummy CPS to allow PAC to follow
7166 Hierarchical parent id.	C an..12	A				
7075 Packaging level, coded	C an..3	N				

PAC – M		1 - Package: To describe the number and type of packages/physical units.				
Segment number: 18		EDIFACT	EAN	*	Description	Comments
7224	Number of packages	C n..8	O			Total number of packages in delivery
C531	PACKAGING DETAILS	C	A			
7075	Packaging level, coded	C an..3	N			
7233	Packaging related information, coded	C an..3	O		50 = Package barcoded EAN-13 or EAN-8 51 = Package barcoded ITF-14 or ITF-6 52 = Package barcoded UCC or EAN-128	
7073	Packaging terms and conditions, coded	C an..3	O		1 = Packaging cost paid by supplier 2 = Packaging cost paid by recipient 3 = Packaging cost not charged (returnable)	
C202	PACKAGE TYPE	C	O			
7065	Type of packages identification	C an..17	A		09 = Returnable pallet (EAN Code) 201 = Pallet ISO 1 (EAN Code) PK = Package SL = Slipsheet	
1131	Code list qualifier	C an..3	O			
3055	Code list responsible agency, coded	C an..3	O			
7064	Type of packages	C an..35	O			
C402	PACKAGE TYPE IDENTIFICATION	C	N			
7077	Item description type, coded	M an..3			Despatch Advice Number	
7064	Type of packages	M an..35				
7143	Item number type, coded	C an..3				
7064	Type of packages	C an..35				
7143	Item number type, coded	C an..3				
C532	RETURNABLE PACKAGE DETAILS	C	D			
8395	Returnable package freight payment responsibility, coded	C an..3	O		1 = Paid by customer 2 = Free 3 = Paid by supplier	
8393	Returnable package load contents, coded	C an..3	N			

CPS – M		1 - Consignment packing sequence: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.				
Segment number: 17		EDIFACT	EAN	*	Description	Comments REPEAT FOR EACH PACK
7164	Hierarchical id. number	M an..12	M		Sequential numbering recommended.	Value = 2 Incrementing by 1 for each pack
7166	Hierarchical parent id.	C an..12	A			Value = 1
7075	Packaging level, coded	C an..3	N			

PAC – M 1 - Package: To describe the number and type of packages/physical units.						
Segment number: 18	EDIFACT	EDIFACT	EAN	*	Description	Comments
7224 Number of packages	C	n..8	O			
C531 PACKAGING DETAILS	C		A			
7075 Packaging level, coded	C	an..3	N			
7233 Packaging related information, coded	C	an..3	O		50 = Package barcoded EAN-13 or EAN-8 51 = Package barcoded ITF-14 or ITF-6 52 = Package barcoded UCC or EAN-128	Not used by HOF
7073 Packaging terms and conditions, coded	C	an..3	O		1 = Packaging cost paid by supplier 2 = Packaging cost paid by recipient 3 = Packaging cost not charged (returnable)	
C202 PACKAGE TYPE	C		O			
7065 Type of packages identification	C	an..17	A		09 = Returnable pallet (EAN Code) 201 = Pallet ISO 1 (EAN Code) PK = Package SL = Slipsheet	
1131 Code list qualifier	C	an..3	O			
3055 Code list responsible agency, coded	C	an..3	O			
7064 Type of packages	C	an..35	O		Narrative description for Package Type	'PALLET', 'BOX' or 'RAIL'
C402 PACKAGE TYPE IDENTIFICATION	C		N			
7077 Item description type, coded	M	an..3				
7064 Type of packages	M	an..35			Despatch Advice Number (Optional)	Mandatory if invoicing by store. DAN reference. If invoicing by store, this should be entered at this point and should be the same reference for all cartons/packs for a given store. This reference should match the ODD segment on the corresponding invoice.
7143 Item number type, coded	C	an..3				
7064 Type of packages	C	an..35				
7143 Item number type, coded	C	an..3				
C532 RETURNABLE PACKAGE DETAILS	C		D			
8395 Returnable package freight payment responsibility, coded	C	an..3	O		1 = Paid by customer 2 = Free 3 = Paid by supplier	Not used by HOF
8393 Returnable package load contents, coded	C	an..3	N			

QTY – C 10 - Quantity: To specify a pertinent quantity.					
Segment number: 20	EDIFACT	EAN	*	Description	Comments
C186 QUANTITY DETAILS	M	M			
6063 Quantity qualifier	M an..3	M	*	Value = '52'	Total number of products in PACK
6060 Quantity	M n..8	M			
6411 Measure unit qualifier	C an..3	D		KGM = Kilogram	

PCI – M 1 - Package identification					
Segment number: 22	EDIFACT	EAN	*	Description	Comments
4233 Marking instructions, coded	C an..3	R		Value = '3'	'3' = Mark customer's reference
C210 MARKS & LABELS	M	O			Store / NDC Location n - ANA
7102 Shipping marks	M n..13	M			
7102 Shipping marks	C n..13	O			
7102 Shipping marks	C n..13	O			
7102 Shipping marks	C n..13	O			
7102 Shipping marks	C n..13	O			
7102 Shipping marks	C n..13	O			
8275 Container/package status, coded	C an..3	N			
C827 TYPE OF MARKING	C	N			
7511 Type of marking, coded	M an..3				
1131 Code list qualifier	C an..3				
3055 Code list responsible agency, coded	C an..3				

RFF – C 1 - Reference: To specify a reference.					
Segment number: 23	EDIFACT	EAN	*	Description	Comments
C506 REFERENCE	C	O			
1153 Reference qualifier	C an..3	O			
1154 Reference number	C an..35	O			
1156 Line number	C an..6	N			
4000 Reference version number	C an..35	N			

GIN – M		1 - Goods identity number				
Segment number: 25		EDIFACT	EAN	*	Description	Comments
7405	Identity number qualifier	M an..3	M	*	BJ = Serial shipping container code BN = Serial number BX = Batch number EU = EAN / UPC number (EAN Code)	'BJ' = Container Code
C208	IDENTITY NUMBER RANGE	M	M			
7402	Identity number	M an..20	M		Pack Identification Code – the characters used must be A-Z or 0-9. No other characters must be present. Such as “-” or “_” etc...	Pack Identification Code - EAN
7402	Identity number	C an..35	O			
C208	IDENTITY NUMBER RANGE	C	O			
7402	Identity number	M an..35	M			
7402	Identity number	C an..35	O			
C208	IDENTITY NUMBER RANGE	C	O			
7402	Identity number	M an..35	M			
7402	Identity number	C an..35	O			
C208	IDENTITY NUMBER RANGE	C	O			
7402	Identity number	M an..35	M			
7402	Identity number	C an..35	O			

LIN – M 1 - Line item: To identify a line item and configuration.					
Segment number: 26	EDIFACT	EAN	*	Description	Comments
1082 Line item number	C n..6	R		Application generated number of the item lines within the Despatch Advice.	Starts at 1 and increments by 1 for each lin within message
1229 Action request/notification, coded	C an..3	N			
C212 ITEM NUMBER IDENTIFICATION	C	D			Supplier EAN Code
7140 Item number	C an..35	R		Format n..14 EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the article being despatched.	
7143 Item number type, coded	C an..3	R	*	EN = International Article Numbering Association (EAN) UP = UPC (Universal product code)	'EN'
1131 Code list qualifier	C an..3	N			
3055 Code list responsible agency, coded	C an..3	O			
5495 Sub-line indicator, coded	C an..3	D	*		
5495 Sub-line indicator, coded	C an..3	R	*	1 = Sub-line information	
1082 Line item number	C n..6	R			
1222 Configuration level	C n..2	N			
7083 Configuration, coded	C an..3	D		A = Added to the configuration D = Deleted from the configuration I = Included in the configuration	

PIA – M 10 - Additional product id: To specify additional or substitutional item identification codes.					
Segment number: 27	EDIFACT	EAN	*	Description	Comments
4347 Product id. function qualifier	M an..3	M	*	1 = Additional identification 3 = Substituted by 4 = Substituted for 5 = Product identification	'1' Additional Product Id.
C212 ITEM NUMBER IDENTIFICATION	M	M			HOF Line Item Number 9 Digits
7140 Item number	M an..35	R		AC = HIBC (Health Industry Bar Code) EN = International Article Numbering Association (EAN) IB = ISBN (International Standard Book Number) IN = Buyer's item number PV = Promotional variant number SA = Supplier's article number	
7143 Item number type, coded	C an..3	R			
1131 Code list qualifier	C an..3	N			
3055 Code list responsible agency, coded	C an..3	O		9 = EAN 91 = Assigned by supplier 92 = Assigned by buyer	

QTY – C 10 - Quantity: To specify a pertinent quantity.					
Segment number: 30	EDIFACT	EAN	*	Description	Comments
C186 QUANTITY DETAILS	M	M			
6063 Quantity qualifier	M an..3	M	*	Value = '12'	12 = Despatch quantity Quantity despatched
6060 Quantity	M n..5	M		Quantity	
6411 Measure unit qualifier	C an..3	D		KGM = Kilogram	

UNT – M 1 - MESSAGE TRAILER: To end and check the completeness of a message.					
Segment number: 49	EDIFACT	EAN	*	Description	Comments
0074 Number of segments in a message	M n..6	M		The total number of segments in the message	
0062 Message reference number	M an..14	M		The message reference number	

UNZ – M INTERCHANGE TRAILER: Controls the transmission.					
	EDIFACT	EAN	*	Description	Comments
0036 Interchange Control Count	M n..6			nnnnnn	Number of Messages in transmission
0020 Interchange Control Reference	M an..14			nnnnnn	Equal to 0020 in UNB

3. MESSAGE EXAMPLE

UNB+UNOA:2+5013546012345:14+5019589000016:14+990415:1130+000001+ +DESADV+++EANCOM+1'
Transmission

Start of

Start of Message - Repeats for each DESADV within Transmission

UNH+1+DESADV:D:96A:UN:EAN005'	Despatch Advice Message Version
BGM+351+00001+9+NA'	Advance Shipping note (ASN)
DTM+2:199905011200:203'	Expected Delivery Date/Time
RFF+AAU:567'	Delivery Advice Number (DAN) *
RFF+ON:803999'	HoF Order Number
RFF+BN:123456M'	Booking Reference
NAD+SU+5046012::92++BAGS UNITED'	HoF Supplier Number and Name
NAD+BY+5019589016006::9++NDC'	Delivery Location and Name
CPS+1'	Dummy CPS to allow PAC
PAC+1'	Number of Packs in delivery

Note: The numbers in the UNB & 'NAD+SU' elements are your sender's reference and company identifier respectively;

- If you are sending your EDI ASN via FTP, you need to put your House of Fraser Supplier ID/ number in these sections (*this is a seven digit number found on your purchase orders*).
- If you are sending your EDI ASN via a VAN, you need to use your mailbox identifier in the UNB and the identifier which is supplied in the 'NAD+SU' of the ORDERS message (it may be your supplier number, company ANA number or mailbox ID).'

Start of Pack details – Note: All products on a delivery should be placed within a single Pack, irrespective on the number of actual containers being delivered.

CPS+2+1'	Second CPS - Pack 1
PAC+++::+:DES000005'	Delivery Advice Number (DAN) **
QTY+52:100'	Total number of Products in Pack
PCI+3+5019589016006'	Delivery Location for this Pack
GIN+BJ+3011234567890'	Pack Identification Code - Ean Code

Start of Line details - Repeats for each Line within the Pack

LIN+1++7611790086056:EN'	Supplier Ean Code for product
PIA+1+210649662:BP'	HoF Line Item Code for product
QTY+12:10'	Item Quantity within this Pack

Line 2 details

LIN+2++7611790086100:EN'
 PIA+1+210649769:BP'
 QTY+12:20'

Line 3 details etc.

LIN+3++7611790177105:EN'
 PIA+1+210661949:BP'
 QTY+12:30'

LIN+4++7611790287286:EN'
 PIA+1+371026056:BP'
 QTY+12:40'

UNT+74+1'

End of Message

Start of Second DESADV Message

UNH+2+DESADV:D:96A:UN:EAN005'
 BGM+351+00002+9+NA'
 DTM+2:199905011200:203'
 RFF+ON:123876'
 RFF+BN: 123456M'
 NAD+SU+5000174111118::9++BAGS UNITED'
 NAD+BY+5019589016006::9++NDC'

...

...

...

UNT+8+2'

End of Message

UNZ+2+000001'

End of Transmission

NB.

* Delivery Note Number (RFF)
 Single Invoice to be submitted per Delivery
 ** Pack Delivery Advice Number (PAC)

Optional
 Optional
 Required if Invoicing per Store