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Message Implementation Guide

EDIFACT D96A

DESADV

With business example

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Target supplier website <http://supplier.target.com.au>

Header Details

Target DESADV using EANcom D96A

SG	Seg	Field	Element		Function	Target	Field Notes
0	BGM	1.1	1001	M	DespatchType	351, YA5	351=Std Desp Advice, YA5=CrossDock
		1.3	3055	c	Agency	9	9= EAN - if codes YA5, 35E used
		2	1004	R	Despatch #	u	Advice Number (an35) ie ASN #
		3	1225	R	Function	9, 7	9= Original, 7=ReSend / Duplicate
							5= Replace
0	DTM-1	1.1	2005	M	DateType	137	137=ASN Creation date
		1.2	2380	R	ASN Date	u	ASN Date/ Time (n12)
		1.3	2379	R	Date Format	203	203=ccyyymmdd hhmm
0	DTM-2	1.1	2005	R	DateType	11	11=Actual Despatch Date / Time
		1.2	2380	R	Delivery Date	u	Date (n8) or Date / Time detail (n12)
		1.3	2379	R	Date Format	102	102=ccyyymmdd, 203=ccyyymmddhhmm
0	DTM-3	1.1	2005	R	DateType	17, 234	17=Estimated Delivery, 234=Earliest PickUp Date
		1.2	2380	R	Delivery Date	u	Date (n8) or Date / Time detail (n12)
		1.3	2379	R	Date Format	102	102=ccyyymmdd, 203=ccyyymmddhhmm
0	ALI	3	4183	M	Order Status	x6, x7	168= Std Carton, 169=PicknPack Mixed Carton
		4	4183	R	Shipment Status	164, 165	165=Split Shipment, 164=Complete
1	RFF-1	1.1	1153	M	Ref-Q	IV	IV= Sellers Invoice # (but not for ERS)
		1.2	1154	c	Ref Data	u	Invoice #
1	DTM-4	1.1	2005	M	DateType		171=Ref Date (ie. Sellers INV Date)
		1.2	2380	c	PO Date		Date
		1.3	2379	c	Date Format		102=ccyyymmdd
1	RFF-2	1.1	1153	M	Ref-Q	ON, AAN	ON= Buyer PO # (or Rel #), BO=Blnkt ON
		1.2	1154	R	Ref Data	u	Order # (or Rel# for Blanket Order)
							AAN= Delivery / Booking # ex Buyer
1	DTM-5	1.1	2005	M	DateType		171=Reference Date (ie. For PO Date)
		1.2	2380	R	PO Date		Date
		1.3	2379	R	Date Format		102=ccyyymmdd
1	RFF-3	1.1	1153	M	Ref-Q	CN, BM	CN=Con Note, BM=Bill of Lading#
		1.2	1154	R	Ref Data	u	Con Note # (an35)
2	NAD-1	1	3035	M	Party-Q	SU	SU=Seller, (NB. Seller ID needed)
		2.1	3039	R	Party-ID	u	Vendor # (as assigned by Buyer)
		2.3	3055	R	Agency	92	92=Buyr Assgn, 9=EAN, 91=Seller Assgn
4	CTA	1	3139	C	Contact-Q		TR=Transport, HG= Dangerous Goods
		2.2	3412	o	Contact-name		Contact Person
	COM	1.1	3148	o	Comms Data		Phone Number
		1.2	3155	o	Comms-Q		TE=Telephone
2	NAD-2	1	3035	M	Party-Q		BY=Byer, BS=Bill&ShipTo, ST=ShipTo
		2.1	3039	R	Party-ID		Ship-To Location # (an35)
		2.3	3055	R	Agency		92= Buyer assigned, 9= EAN
2	NAD-3	1	3035	M	Party-Q	ST	ST=ShipTo
		2.1	3039	R	Party-ID	u	Ship-To Location # (an35)
		2.3	3055	R	Agency	92	92=Buyer assigned, 9=EAN
2	LOC-1	1	3227	M	Loc-Q		7=Delivery Place (ShipTo Dock #)
		2.1	3225	c	Location		Dock Location (if needed)
		2.3	3055	c	Agency		92=Buyer assigned, 9=EAN
3	RFF-4	1.1	1153	M	Ref-Q		IA=Int Vendor #, API= add.Party ID
		1.2	1154	R	Ref Data		REF IA, API added in Applie
8	EQD	1	8053	M	Equipmt-Q		CN=Container #, TE = Truck or Trailer #
		2.1	8260	c	Equip ID #		Truck Regn # or Container # (an17)

Shipment Details

Target DESADV using EANcom D96A

SG	Seg	Field	Element	Function	Target	Field Notes
10	CPS-1	1	7164	M Hier. Rec-ID#	1	Shipment Level CPS Record
		3	7075	R CPS Level	5, 1E	1E = Shipment Level - new EAN code
11	PAC-1	1	7224	M # of Pkgs	u	# of Packages - of this type, for Shipment (n8)
		3.1	7065	R Type of Pkgs	u	CT=Carton, 09=Returnable Pallet
		3.3	3055	R Agency	9	BG=Bag, SL=Slipsheet, PK=Package 9=EAN Agency (if Code 09 used)
11	MEA-1	1	6311	M MEA Type		PD=Physical Dimensions
		2.1	6313	c Dimension		AAB=Gross Weight, ABJ=Volume
		3.1	6411	c MEA units		KGM=Kilograms, LTR=litres, MTQ=m3
		3.2	6314	c Value		Value (CMT=Cm)
11	QTY-0	1.1	6063	O Qty-Q		12=Despatch Qty, for above PAC
		1.2	6060	c Qty		Qty (n15)
13	PCI-1	1	4223	M Markings		33E=SSCC Markings (needed for GIN) 17=Sellers Instructions
15	GIN-1	1	7405	M ID-Type		BJ= SSCC-18 coding
		2.1	7402	c ID		SSCC# (n18) - Whole Shipment

Store Details (Xdock)

10	CPS-2	1	7164	M Hier. Rec-ID#	u	Number given to this CPS Record
		2	7166	R Hier. Parent#	u	Number of Parent CPS record
		3	7075	R CPS Level	3	3= "Final" Location Level (ie. Store) (AU recommendation)
15	LIN-0	1	1082	M Line #	u	Dummy LIN - allow access to LOC-2 detail
20	LOC-2	1	3227	M Loc-Q	8	8= Ultimate Destination (eg. Store)
		2.1	3225	R Location	u	For SDQ order, Store #
		2.3	3055	R Agency	92	92=Buyer assigned, 9=EAN

Mixed Carton Details

10	CPS-4	1	7164	M Hier. Rec-ID#	u	Number given to this CPS Record
		2	7166	R Hier. Parent#	u	Number of Parent CPS record
		3	7075	R CPS Level	1	1= Carton Level (AU recommendation)
11	PAC-4	1	7224	M # of Pkgs	1	# of Packages - this level (1 only)
		3.1	7065	R Type of Pkgs	CT, BG	CT= Carton
11	MEA-4	1	6311	M MEA Type	PD	PD= Physical Dimensions
		2.1	6313	R Dimension	HT, LN, WD	AAB= Gross Weight, ABJ= Volume
		3.1	6411	R MEA units	MTR	KGM= Kilograms, LTR= litres, MTR= metre
		3.2	6314	R Value	u	HT= Height, LN= Length, WD= Width
13	PCI-4	1	4223	M Markings	33E	33E= SSCC Markings (needed for GIN)
15	GIN-4	1	7405	M ID-Type	BJ	BJ= SSCC-18 code - Mixed Carton
		2.1	7402	R ID #	u	Carton SSCC#, Including SubPacks

ITEMS

17	LIN	1	1082	M Line #	u	Sequential Item Count (n6)
		3.1	7140	R Item ID	u	"Can only be an SRV - EAN/UP code "
		3.2	7143	R Item Type	EN	only SRV - EANCOM Restriction . .
17	PIA	1	4347	C PIA-Q		1=Add.ID (for Batch #), 4=Substitute EAN#
		2.1	7140	R Item Code		Batch # or Substitute EAN # (an35),
		2.2	7143	R Code-Q		EN=EAN#, NB=Batch#, IN=Buyers#
17	MEA-6	1	6311	M MEA-type		PD=Physical Dimension
		2.1	6313	c Dimension		AAB=Gross Weight - this item
		3.1	6411	c MEA units		KGM=Kilograms
		3.2	6314	c Value		
17	QTY-1	1.1	6063	O Qty-Q	12	12= Despatch Qty, 21= Ordered Qty
		1.2	6060	c Qty	u	Qty (n15)
		1.3	6411	c Qty_unit	KGM, LTR	Units, Variable Wgt / Vol / Lgth Only
					MTR	
17	DTM-6	1.1	2005	M Date-Q		36= Expiry Date, 361= Best-By Date (Food)
		1.2	2380	c Date		Expiry Date (n8)
		1.3	2379	c Date-Type		102= CCYYMMDD

Target DESADV using EANcom D96A

SG	Seg	Field	Element	Function	Target	Field Notes
STD (Sub) Carton Details						
22	PCI-7	1	4223	M Markings	33E, 34E	33E= SSCC Marking, 34E= TUN Marking
22	MEA-7	1	6311	M MEA Type	PD	PD= Physical Dimensions
		2.1	6313	R Dimension	AAB, ABJ	AAB= Gross Weight, ABJ= Volume
		3.1	6411	R MEA units	KGM, LTR	KGM= Kilograms, LTR= litres
		3.2	6314	R Value	u	
22	QTY-2	1.1	6063	M Qty-Q	59	59= Consumer Units Per Trade Unit (cnt)
		1.2	6060	R Qty	u	Qty (n15)
23	GIN-7	1	7405	M ID-Type	EU, BJ	EU= Tun#, BJ= SSCC-18, BX= Batch #
		2.1	7402	c ID #	u	TUN#, SSCC# or B# for this STD Carton
		2.2	7402	c ID # Finish	c	SSCC (last # in range, if used)
24	HAN	1.1	4079	m Handling Code		HWC= Handle with Care (EAN code)
		1.3	3055	r Agency		9= EAN code
		1.4	4078	r Handling Desc		Risk CLASS Code (eg. 2.0)
		2.1	7419	r Hazmat code		UN ADR Classification code (eg. 1901)
		2.4	7418	r HazMat category		Packing Grp Risk : 1=High, 2=Med, 3=Low
25	QVR	1.1	6064	M Qty-Difference		Actual QTY Difference (n15)
		1.2	6063	o Qty-Q		21=Ord Qty, 66=Committed Qty
		2	4221	c Discrepancy		BP=ShipPartial-BO to follow
						CP=Complete - NoBO
25	DTM-7	1.1	2005	M Date-Q		17= Estimated Back Order Delivery Date
		1.2	2380	c Date		Delivery Date for BackOrder (n8)
		1.3	2379	c Date-Type		102=CCYYMMDD
Controls						
	CNT-1	1.1	6069	M Cntrl-Q	2	2=No of Line Items in Despatch
		1.2	6066	R Qty	u	Total Line Items
	CNT-2	1.1	6069	M Cntrl-Q	1	1=Total Despatched Qty
		1.2	6066	R Qty	u	Total of all Despatch Qtys (n18)
	UCI	1	0020	O Interchg-Ref	u	Ref ex UNB05 of preceeding message
		2.1	0004	O IC Sender ID	u	Previous sender ID (UNB02-1)
		3.1	0010	O IC Receiver ID	u	Previous Receiver ID (UNB03-1)
		4	0083	O Action Code	7,4	7=Ack all lvs, 4=Reject all (1 = Ack, retired)

Enveloping Header & Trailer Details

SG	Seg	Field	Element	Function	Target	Field Notes
	UNB	1.1	0001	M Syntax	"	UNOA=UN/ECE Level A
		1.2	0002	R Version	"	3= ISO 9735 Version 3
		2.1	0004	R Sender ID	"	Sender Mailbox ID
		2.2	0007	R Sender-Q	"	14=EAN Mailbox Loc code (n13), else ZZ
		3.1	0010	R Receiver ID	"	Receiver Mailbox ID
		3.2	0007	R Receiver-Q	"	14=EAN Mailbox Loc code, else ZZ
		4.1	0017	R Sender Date	"	YYMMDD date of I-C Creation Time
		4.2	0019	R Sender Time	"	HHMM time " (24 hour clock)
		5	0020	R Inter Ref #	"	Sequential # to track Interchanges
		9	0031	R Ack Request	1	1=CNTRL Acknowledgment required
		11	0035	R Test Indicator	"	1=TEST, else ASSUMED to be Production
	UNH	1	0062	M Message #	"	Sequential # assigned by Sender (for FA's)
		2.1	0065	R Msg Type	"	
		2.2	0052	R Version	"	D=EDIFACT Draft Directory
		2.3	0054	R Release List	"	96A for DESADV, 3 for CONTRL
		2.4	0051	R Agency	"	UN=United Nations
		2.5	0057	R Association	"	EANCOM Version #
	UNT	1	0074	M # of Sgmts	u	Control Count, inc, UNH and UNT segs.
		2	0062	R Msg Ref #	u	Same # as UNH-01
	UNZ	1	0036	M Control Count	u	No of messages within the Interchange
		2	0020	R Control Ref#	u	Identical to UNB-05

Despatch Advice (DESADV)

UNH+321+DESADV:D:96A:UN:EAN005

UNHeader+Message number+Message type ASN:Draft version:Release 96A:UN/CEFACT:GS1 version number

BGM+YA5::9+116290140+9

BeGIn Message+YA5::9+ASN number+Message function code

7 = Duplicate

9 = Original

cross docking despatch advice (GS1 Code) - YA5

GS1 - 9

DTM+137:200901220000:203

Date TiMe+137:200901220000:203

203 = CCYYMMDDHHMM

Document/message date/time - 137

Despatch date and/or time - 11

Delivery date/time, estimated - 17

102 = CCYYMMDD

DTM+11:20090123:102

Date TiMe+11:20090123:102

DTM+17:20090123:102

Date TiMe+17:20090123:102

ALI+++169+164

AdditionalL Information+++169+164

Standard pack shipment - 168

Pick pack shipment - 169

164 - Complete Consignment

165 - Split shipment

RFF+ON:904681

ReFereNce+Order Number:PO number

DTM+171:20090118:102

Date TiMe+171:200901220000:102

171 = Reference date/time

102 = CCYYMMDD

NAD+SU+9300618000005::9

Name & Address+Supplier+Destination EDI address (GLN)::Assigned by GS1

NAD+ST+5839::92

Name & Address+Ship To+4 digit DC number::Assigned by buyer

NAD+BY+9313938000532::9

Name & Address+BuYer+Sender EDI address (GLN)::Assigned by GS1

CPS+1++1E

Consignment Packing Sequence+level 1++1E

4 = No packaging hierarchy

5 = Shipment Level

PAC+59++CT::9

PaCkage+Total number of cartons on the ASN++CarTon::Assigned by GS1

CPS+2+1+3

Consignment Packing Sequence+Store level information

LIN+0

Dummy LiNe item segment, allows access to LOC 2 (store location) detail

LIN+0' is excluded from the total LiNe item count

LOC+8+5286::92

LOCation+Store number+5286::Assigned by Buyer

CPS+3+2+1

Consignment Packing Sequence+Packing information

PAC+1++CT::9

PaCkage information+1++CarTon::Assigned by GS1

PCI+33E

PaCkage Information+33E

33E = Marked with SSCC

GIN+BJ+00000500030001224230

Goods Id Number+BJ+SSCC Number

BJ = Serial shipping container code

LIN+1++5000394084742:SRV

LiNe item+1++APN (GTIN):SRV

1 = Sub-line information

SRV = GS1 Global Trade Item Number

QTY+12:4.000

QuanTiTY+12:number of products

12 = Despatch quantity

CPS+4+1+3

Consignment Packing Sequence+Pack level information

LIN+0

LOC+8+5146::92

CPS+7+6+1

PAC+1++CT::9

PCI+33E

segments repeated

GIN+BJ+00000500030001224247

LIN+3++5000394084742:SRV

QTY+12:4.000

CPS+8+1+3

CNT+2:61

CoNtrol Total+2:total number of LiNe items on the ASN, not counting LIN 0

2 = Number of line items in message

CNT+11:59

CoNtrol Total+11:total number of cartons on the ASN

11 = Total number of packages