

Brugola, USA

EDIFACT D97.A DESADV

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v 2.0

Created by:



Revision History

Revision	Date	Description
1.0	06/30/2015	Created
1.1	07/20/2015	Added PCI and MEA Segments at Container level

Header Section:

Pos	Code	Name	Req.	Max. Use
010	UNH	Message Header	M	1
020	BGM	Beginning of Message	M	1
030	DTM	Date/Time/Period	M	3
050	MEA	Measurements	M	1
080	RFF	Reference	M	1
110	NAD	Name and Address	M	2
240	TDT	Details of Transport	M	1
300	EQD	Equipment Details	M	1

Item Detail Section:

Pos	Code	Name	Req.	Max. Use
***	***	CPS Segment Loop	M	1000
380	CPS	Consignment Packaging Sequence	M	1
***	***	PAC Segment Loop	M	1000
410	PAC	Package	O	1
***	***	LIN Segment Loop	M	1000
560	LIN	Item Identification	M	1
570	PIA	Additional Product ID	M	1
600	QTY	Quantity	M	2
720	RFF	Reference	M	2
***	***	PCI Segment Loop	M	200
890	PCI	Package Identification	M	1
900	MEA	Measurements	M	1

Summary Section:

Pos	Code	Name	Req.	Max. Use
1040	UNT	Message Trailer	M	1

Segment: BGM – Beginning of Message
Position: 010
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

BGM+351+5041423+9'

Pos	Code	Name	Req.	Type	Length	Comments
BGM01	C002	Document/Message Name	M			
BGM0101	1001	Document/Message Name, Coded	M	AN	3 / 3	'351' – Despatch Advice
BGM02	C106	Document/Message Identification	M			
BGM0201	1004	Document/Message Number	M	AN	1 / 9	Shipment Identification Number (SID)
BGM03	1225	Message Function, Coded	M	AN	1 / 1	'9' – Original

Segment: DTM – Date/Time/Period
Position: 020
Loop Ending Position: 020
Section: Header
Usage: Mandatory
Max Use: 3
Notes:

DTM+11:20151031:102'
 DTM+132:20151102:102'
 DTM+137:20151031:102'

Pos	Code	Name	Req.	Type	Length	Comments
DTM01	C507	Date/Time/Period	M			
DTM0101	2005	Date/Time/Period Qualifier	M	AN	2 / 3	'11' – Despatch Date '132' – Estimated Arrival Date '137' – Document/Message Create Date
DTM0102	2380	Date/Time/Period	M	AN	8 / 12	
DTM0103	2379	Date/Time/Period Format Qualifier	M	AN	3 / 3	'102' – CCYYMMDD '203' – CCYYMMDDHHMM

Segment: MEA – Measurements
Position: 050
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

MEA+AAX+G+LBR:30'

Pos	Code	Name	Req.	Type	Length	Comments
MEA01	6311	Measurement Purpose Qualifier	M	AN	3 / 3	‘AAX’ – Consignment measurements
MEA02	C502	Measurement Details	M			
MEA0201	6313	Property measured, coded	M	AN	1 / 1	‘G’ – Gross Weight
MEA03	C174	Value / Range	M			
MEA0301	6411	Measurement Unit Qualifier	M	AN	1 / 3	
MEA0302	6314	Measurement Value	M	N	1 / 9	

Segment: RFF – Reference
Position: 080
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

RFF+MB:5041423'

Pos	Code	Name	Req.	Type	Length	Comments
RFF01	C506	Reference	M			
RFF0101	1153	Reference Qualifier	M	AN	2 / 2	'BM' – Bill of Lading Number
RFF0102	1154	Reference Number	M	AN	1 / 35	

Segment: NAD – Name and Address
Position: 110
Loop Ending Position: 110
Section: Header
Usage: Mandatory
Max Use: 2
Notes:

NAD+SU+50000999::92++SUPPLIER CORP'
 NAD+ST+50000000::92++BRUGOLA USA'

Pos	Code	Name	Req.	Type	Length	Comments
NAD01	3035	Party Qualifier	M	AN	2 / 2	'ST' – Ship-to 'SU' – Supplier
NAD02	C082	Party Identification Details	M			
NAD0201	3039	Party ID Identification	M	AN	1 / 35	
NAD0202	1131	Code List Qualifier				Not Used
NAD0203	3055	Code List Responsible Agency, Coded	M	AN	2 / 2	'16' – DUN & Bradstreet (DUNS) '92' – Assigned by Buyer Not Used
NAD03	C058	Name and Address				
NAD04	C080	Party Name	O			
NAD0401	3036	Party Name	O	AN	1 / 35	Name of the Party..

Segment: TDT – Details of Transport
Position: 240
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

TDT+12++M++FEDX::182'

Pos	Code	Name	Req.	Type	Length	Comments
TDT01	8051	Transport Stage Qualifier	M	AN	2 / 2	'12' – At departure '25' – Delivery carrier all transport Not Used
TDT02	8028	Conveyance Reference Number	X			
TDT03	C220	Mode of Transport	M			
TDT0301	8067	Mode of Transport code	M	AN	1 / 2	'A' – Air 'AC' – Air Charter 'AE' – Air Express 'C' – Consolidation 'D' – Parcel Post 'E' – Expedited Truck 'G' – Piggyback 'GS' – Progressive pick-up 'H' – Customer pick-up 'LT' – Less than trailer load 'M' – Motor 'R' – Rail 'SE' – Seal / Air 'SR' – Supplier Truck 'SS' – Steam Ship 'T' – Best way 'TC' – (Taxi) Cab 'U' – Private parcel Service 'VE' – Vessel, Ocean 'W' – Waterway Not Used
TDT04	C228	Transport Means	X			
TDT05	C040	Carrier	M			
TDT0501	3127	Carrier Identification	M	AN	1 / 17	SCAC Code or Assigned ID Not Used
TDT0502	1131	Code list qualifier	X			
TDT0503	3055	Code list responsible agency code	M	AN	2 / 3	'92' – Assigned by buyer or buyer's agent '182' – Standard Carrier Alpha Code

Segment: EQD – Equipment Details
Position: 300
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

EQD+TE+773129 '

Pos	Code	Name	Req.	Type	Length	Comments
EQD01	8053	Equipment Qualifier	M	AN	2 / 2	'CN' – Container 'RR' – Rail car 'TE' – Trailer
EQD02	C237	Equipment Identification	M			
EQD0201	8260	Equipment Identification Number	M	AN	1 / 17	

Segment: CPS – Consignment Packaging Sequence
Position: 380
Loop Ending Position:
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

CPS+1+++4 '

Pos	Code	Name	Req.	Type	Length	Comments
CPS01	7164	Hierarchical ID Number	M	AN	1 / 3	
CPS02	7166	Hierarchical Parent ID	C	AN	1 / 12	Not Used
CPS03	7075	Packing Level Code	M	AN	1 / 3	'4' – No Packaging Hierarchy

Segment: PAC – Package
Position: 380
Loop Ending Position:
Section: Detail
Usage: Optional
Max Use: 1
Notes:

PAC+3++BIN25 '

Pos	Code	Name	Req.	Type	Length	Comments
PAC01	7224	Number of Packages	M	N0	1 / 8	
PAC02	C531	Packaging Details	X			Not Used
PAC03	C202	Package Type	M			
PAC0301	7065	Type of Package Identification	M	AN	1 17	

Segment: LIN – Line Item
Position: 560
Loop Ending Position:
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

LIN+++7010207491:IN'

Pos	Code	Name	Req.	Type	Length	Comments
LIN01	1082	Line Item Number				Not Used
LIN02	1229	Action Request/Notification, Coded				Not Used
LIN03	C212	Item Number Identification				
LIN0301	7140	Item Number	M	AN	1 / 35	
LIN0302	7143	Item Number Type, Coded	M	AN	2 / 2	'IN' – Buyer's Item Number

Segment: PIA – Additional Product ID
Position: 570
Loop Ending Position:
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

PIA+1+WASHER 05, 45X014, 48X01 '

Pos	Code	Name	Req.	Type	Length	Comments
PIA01	4347	Product ID Function Qualifier	M	AN	1 / 1	'1' – Additional Identification
PIA02	C212	Item Number Identification	M			
PIA0201	7140	Item Number	M	AN	1 / 35	
PIA0202	7143	Item Number Type Code	M	AN	2 / 2	'PD' – Part Description

Segment: QTY – Quantity
Position: 600
Loop Ending Position: 720
Section: Optionals
Usage: Mandatory
Max Use: 2
Notes:

QTY+3:2450:C62 '
QTY+12:100:C62 '

Pos	Code	Name	Req.	Type	Length	Comments
QTY01	C186	Quantity Details	M			
QTY0101	6063	Quantity Qualifier	M	AN	1 / 2	'3' –Cumulative Quantity Shipped. '12' – Despatch Quantity.
QTY0102	6060	Quantity	M	N	1 / 15	
QTY0103	6411	Measure Unit Qualifier	M	AN	1 / 3	

Segment: RFF – Reference
Position: 720
Loop Ending Position: 720
Section: Detail
Usage: Mandatory
Max Use: 2
Notes:

RFF+ON:15000047:0001 '
RFF+BT:50005169 '

Pos	Code	Name	Req.	Type	Length	Comments
RFF01	C506	Reference	M			
RFF0101	1153	Reference Qualifier	M	AN	2 / 2	‘ON’ – Purchase Order Number
						‘BT’ – Batch Number (Bin Number)
RFF0102	1154	Reference Number	M	AN	1 / 35	
RFF0103	1156	Line Number	M	AN	1 / 6	Purchase Order Line Number

Segment: PCI – Package Identification
Position: 890
Loop Ending Position: 900
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

PCI+30+000440024'

Pos	Code	Name	Req.	Type	Length	Comments
PCI01	4233	Marking Instructions, Coded	M	AN	1 / 3	'30' – Mark Serial Shipping Container Code
PCI02	C210	Marks & Labels	M			
PCI0201	7102	Shipping Marks	M	AN	1 / 35	

Segment: MEA – Measurements
Position: 900
Loop Ending Position: 900
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

MEA+AAX+G+LBR:2435'

Pos	Code	Name	Req.	Type	Length	Comments
MEA01	6311	Measurement Purpose Qualifier	M	AN	3 / 3	'AAX' – Consignment measurements
MEA02	C502	Measurement Details	M			
MEA0201	6313	Property measured, coded	M	AN	1 / 1	'G' – Gross Weight
MEA03	C174	Value / Range	M			
MEA0301	6411	Measurement Unit Qualifier	M	AN	1 / 3	Container Weight Unit of Measure
MEA0302	6314	Measurement Value	M	N	1 / 18	Container Weight

Segment: UNT – Message Trailer
Position: 1040
Loop Ending Position:
Section: Summary
Usage: Mandatory
Max Use: 1
Notes: End of message, and complete a check of message segments

UNT+32+1

Pos	Code	Name	Req.	Type	Length	Comments
UNT01	0074	Number of segments in message	M	N	1 / 6	Count of segments
UNT02	0062	Message Reference Number	M	AN	1 / 14	Must match the reference number in the UNH

UNB+UNOA:2+999999999:01+ICN12059:ZZ+150512:0945+121713742'
 UNH+1+DESADV:D:97A:UN'
 BGM+351+5041423+9'
 DTM+137:20170612:102'
 DTM+11:20170612:102'
 DTM+137:20170615:102'
 MEA+AAX+G+LBR:30'
 RFF+MB:5041423'
 NAD+SU+50000999::92++SUPPLIER CORP'
 NAD+ST+50000000::92++BRUGOLA USA'
 TDT+12++M++FEDX::182'
 EQD+TE+773129'
 CPS+1++4'
 PAC+3++BIN25'
 LIN+++7010207411:IN'
 PIA+1+WASHER 05, 45X014,48X01,50:PD'
 QTY+12:5:C62'
 QTY+3:100:C62'
 RFF+ON:15000047:0001'
 RFF+BT:50001023'
 PCI+30+000440023'
 MEA+AAX+G+LBR:2390'
 CPS+++4'
 PAC+3++BIN25'
 LIN+++7010207422:IN'
 PIA+1+WASHER 10, 45X014,48X01,50:PD'
 QTY+12:100:C62'
 QTY+3:800:C62'
 RFF+ON:15000047:0002'
 RFF+BT:50001024'
 PCI+30+000440024'
 MEA+AAX+G+LBR:2435'
 UNT+22+1'
 UNZ+1+121713742'