



Message Implementation Guideline

DSV Status X12 214 Air outbound

based on

214

Transportation Carrier Shipment Status Message

X12 004010

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Structure / Table of Contents

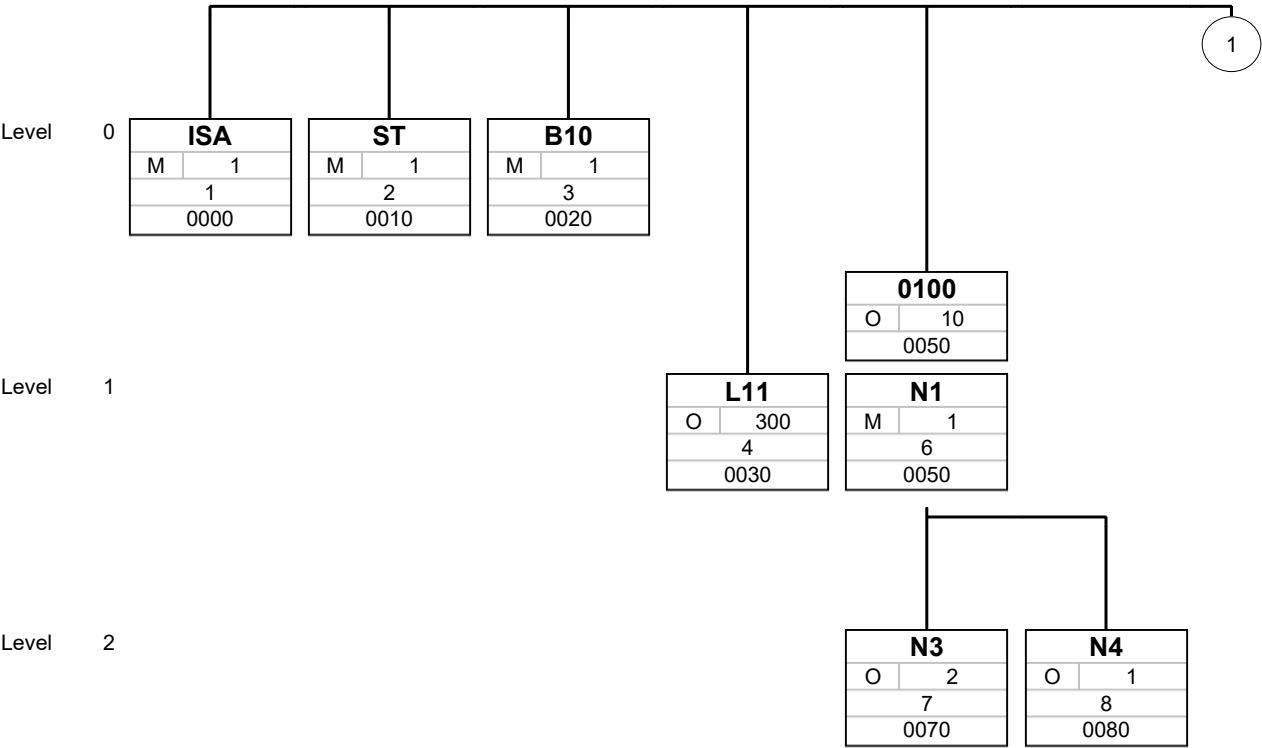
Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	ISA	M	1	0	Interchange Control Header
0010	2	ST	M	1	0	Transaction Set Header
0020	3	B10	M	1	0	Beginning Segment for Transportation Carrier Shipment Status Message
0030	4	L11	O	300	1	Business Instructions and Reference Number
0030	5	L11	O	300	1	Business Instructions and Reference Number
0050		0100	O	10	1	N1-N3-N4
0050	6	N1	M	1	1	Name
0070	7	N3	O	2	2	Address Information
0080	8	N4	O	1	2	Geographic Location
0130		0200	O	999999	1	LX-0205
0130	9	LX	M	1	1	Assigned Number
0140		0205	O	10	2	AT7-MS1-MS2
0140	10	AT7	M	1	2	Shipment Status Details
0143	11	MS1	O	1	3	Equipment, Shipment, or Real Property Location
0146	12	MS2	O	1	3	Equipment or Container Owner and Type
0610	13	SE	M	1	0	Transaction Set Trailer
0000	14	IEA	M	1	0	Interchange Control Trailer

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

DSV public
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



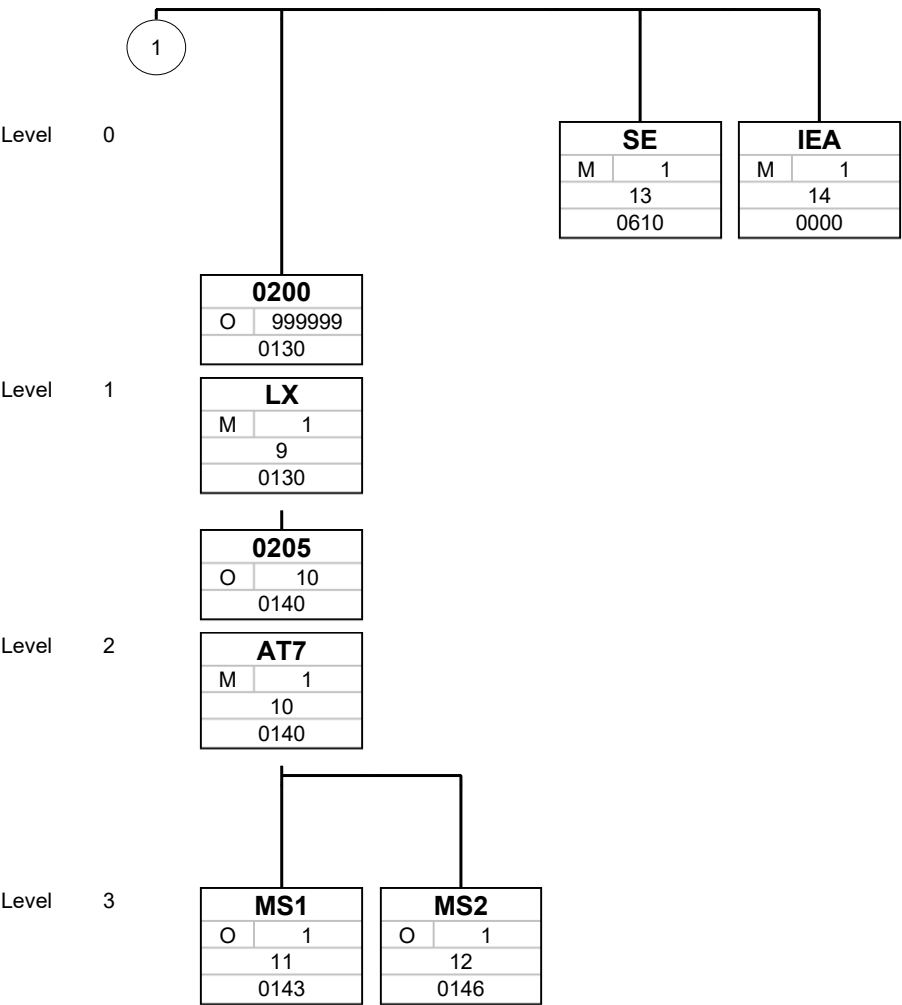
Branching Diagram of Used Segments/Groups



DSV public

Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
MaxOcc = Maximum occurrence of the segment/group
No = Consecutive segment number
Counter = Counter of segment/group within the standard



DSV public

Tag
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Tag = Segment/Group Tag
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MaxOcc = Maximum occurrence of the segment/group
No = Consecutive segment number
Counter = Counter of segment/group within the standard



Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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0000	1	ISA	M	1	0	Interchange Control Header
------	---	-----	---	---	---	----------------------------

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
ISA				
I01	Authorization Information Qualifier	M ID 2/2	M ID 2/2	
I02	Authorization Information	M AN 10/10	M AN 10/10	
I03	Security Information Qualifier	M ID 2/2	M ID 2/2	
I04	Security Information	M AN 10/10	M AN 10/10	
I05	Interchange ID Qualifier	M ID 2/2	M ID 2/2	
I06	Interchange Sender ID	M AN 15/15	M AN 15/15	
I05	Interchange ID Qualifier	M ID 2/2	M ID 2/2	
I07	Interchange Receiver ID	M AN 15/15	M AN 15/15	
I08	Interchange Date	M DT 6/6	M DT 6/6	
I09	Interchange Time	M TM 4/4	M TM 4/4	
I10	Interchange Control Standards Identifier	M ID 1/1	M ID 1/1	
I11	Interchange Control Version Number	M ID 5/5	M ID 5/5	
I12	Interchange Control Number	M N0 9/9	M N0 9/9	
I13	Acknowledgment Requested	M ID 1/1	M ID 1/1	
I14	Usage Indicator	M ID 1/1	M ID 1/1	
I15	Component Element Separator	M AN 1/1	M AN 1/1	

Segment Remarks:

Example:

ISA*00* *00* *01*XXXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXXX*250527*1247*U*00401*99999999
9*0*P*:~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0010	2	ST	M	1	0	Transaction Set Header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
ST				
143	Transaction Set Identifier Code	M ID 3/3	M ID 3/3	List of valid codes 214 Transportation Carrier Shipment Status Message
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

Segment Remarks:

Example:

ST*214*XXXX~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

DSV public
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Counter	No	Tag	St	MaxOcc	Level	Name
0020	3	B10	M	1	0	Beginning Segment for Transportation Carrier Shipment Status Message

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
B10				
127	Reference Identification	C AN 1/30	C AN 1/30	
145	Shipment Identification Number	O AN 1/30	N	
140	Standard Carrier Alpha Code	M ID 2/4	M ID 2/4	
71	Inquiry Request Number	O NO 1/3	N	
128	Reference Identification Qualifier	C ID 2/3	N	
127	Reference Identification	C AN 1/30	N	
1073	Yes/No Condition or Response Code	O ID 1/1	N	

Segment Remarks:

Example:

B10*SSH1234567890**CA~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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Counter	No	Tag	St	MaxOcc	Level	Name
0030	4	L11	O	300	1	Business Instructions and Reference Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L11				
127	Reference Identification	C AN 1/30	C AN 1/30	
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	General Notes Codes listed are generally available. Additional codes can be included by agreement. List of valid codes BM Bill of Lading Number CR Customer Reference Number SI Shipper's Identifying Number for Shipment (SID)
352	Description	C AN 1/80	N	

Segment Remarks:

Example:
L11*1234567890*BM~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	L11	O	300	1	Business Instructions and Reference Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L11				
127	Reference Identification	C AN 1/30	C AN 1/30	General Notes Codes listed are generally available. Additional codes can be included by agreement. List of valid codes MB Master Bill of Lading
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	
352	Description	C AN 1/80	N	

Segment Remarks:

Example:

L11*9876543210*MB~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		0100	O	10	1	N1-N3-N4
0050	6	N1	M	1	1	Name

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	List of valid codes BY Buying Party (Purchaser) CA Carrier CN Consignee CS Consolidator N1 Notify Party no. 1 SF Ship From SH Shipper ST Ship To
93	Name	C AN 1/60	C AN 1/60	
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	List of valid codes 94 Code assigned by the organization that is the ultimate destination of the transaction set 93 Code assigned by the organization originating the transaction set ZZ Mutually Defined
67	Identification Code	C AN 2/80	C AN 2/80	
706	Entity Relationship Code	O ID 2/2	N	
98	Entity Identifier Code	O ID 2/3	N	

Segment Remarks:

Example:

N1*SH*Company*94*123456789~

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		0100	O	10	1	N1-N3-N4
0070	7	N3	O	2	2	Address Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N3				
166	Address Information	M AN 1/55	M AN 1/55	
166	Address Information	O AN 1/55	O AN 1/55	

Segment Remarks:

Example:

N3*Street1*Co street~

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		0100	O	10	1	N1-N3-N4
0080	8	N4	O	1	2	Geographic Location

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	O ID 2/2	O ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	O ID 2/3	O ID 2/3	
309	Location Qualifier	C ID 1/2	C ID 1/2	
				List of valid codes
				UN United Nations Location Code (UNLOCODE)
310	Location Identifier	O AN 1/30	O AN 1/30	

Segment Remarks:

Example:

N4*City*MA*Postcode*US*UN*USBOS~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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Counter	No	Tag	St	MaxOcc	Level	Name
0130		0200	O	999999	1	LX-0205
0130	9	LX	M	1	1	Assigned Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LX				
554	Assigned Number	M N0 1/6	M N0 1/6	

Segment Remarks:

Example:

LX*1~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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DSV public
Status
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Counter	No	Tag	St	MaxOcc	Level	Name
0140		0205	O	10	2	AT7-MS1-MS2
0140	10	AT7	M	1	2	Shipment Status Details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
AT7				
1650	Shipment Status Code	C ID 2/2	C ID 2/2	List of valid codes A1 Estimated Pickup AG Estimated Delivery AV Available for Delivery BF Booking Confirmed B6 Estimated to Arrive at Carrier Terminal C1 Estimated to Depart Terminal Location K2 Customs Cleared P1 Departed Terminal Location X1 Arrived at Delivery Location X3 Arrived at Pick-up Location X4 Arrived at Terminal Location X9 Interim Receipt
1651	Shipment Status or Appointment Reason Code	C ID 2/2	C ID 2/2	List of valid codes NS Normal Status
1652	Shipment Appointment Status Code	C ID 2/2	N	
1651	Shipment Status or Appointment Reason Code	C ID 2/2	N	
373	Date	C DT 8/8	C DT 8/8	
337	Time	C TM 4/8	C TM 4/8	
623	Time Code	O ID 2/2	O ID 2/2	List of valid codes LT Local Time

Segment Remarks:**Example:**

AT7*AV*NS***20250527*1247*LT~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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Counter	No	Tag	St	MaxOcc	Level	Name
0140		0205	O	10	2	AT7-MS1-MS2
0143	11	MS1	O	1	3	Equipment, Shipment, or Real Property Location

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MS1				
19	City Name	C AN 2/30	C AN 2/30	
156	State or Province Code	C ID 2/2	N	
26	Country Code	C ID 2/3	C ID 2/3	
1654	Longitude Code	C ID 7/7	N	
1655	Latitude Code	C ID 7/7	N	
1280	Direction Identifier Code	O ID 1/1	N	
1280	Direction Identifier Code	O ID 1/1	N	

Segment Remarks:

Example:

MS1*CITY**AD~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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Counter	No	Tag	St	MaxOcc	Level	Name
0140		0205	O	10	2	AT7-MS1-MS2
0146	12	MS2	O	1	3	Equipment or Container Owner and Type

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MS2				
140	Standard Carrier Alpha Code	C ID 2/4	C ID 2/4	
207	Equipment Number	C AN 1/10	C AN 1/10	
40	Equipment Description Code	O ID 2/2	O ID 2/2	
				List of valid codes
				20 20 ft. IL Container (Open Top)
761	Equipment Number Check Digit	O N0 1/1	O N0 1/1	

Segment Remarks:

Example:
MS2*XX*AMFU879590*20*4~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0610	13	SE	M	1	0	Transaction Set Trailer

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
SE				
96	Number of Included Segments	M N0 1/10	M N0 1/10	
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

Segment Remarks:

Example:

SE*54*XXXX~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0000	14	IEA	M	1	0	Interchange Control Trailer

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
IEA				
I16	Number of Included Functional Groups	M N0 1/5	M N0 1/5	
I12	Interchange Control Number	M N0 9/9	M N0 9/9	

Segment Remarks:

Example:
IEA*0*999999999~

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DSV public
Status
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**Example Message**

No	Tag	Example
01	ISA	ISA*00* *00* *01*XXXXXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXXXXX* 250527*1247*U*00401*999999999*0*P*:~
02	ST	ST*214*XXXX~
03	B10	B10*SSH1234567890**CA~
04	L11	L11*1234567890*BM~
05	L11	L11*9876543210*MB~
0100		
06	N1	N1*SH*Company*94*123456789~
07	N3	N3*Street1*Co street~
08	N4	N4*City*MA*Postcode*US*UN*USBOS~
0200		
09	LX	LX*1~
0205		
10	AT7	AT7*AV*NS***20250527*1247*LT~
11	MS1	MS1*CITY**AD~
12	MS2	MS2*XX*AMFU879590*20*4~
13	SE	SE*54*XXXX~
14	IEA	IEA*0*999999999~

No = Consecutive segment number

DSV public