Message Specification

ATLAS Shipment Status

Based on:

214
Transportation Carrier Shipment Status Message

X12 004010

Version: 1.0
Variant: PROD
Issue date: 2014-12-12
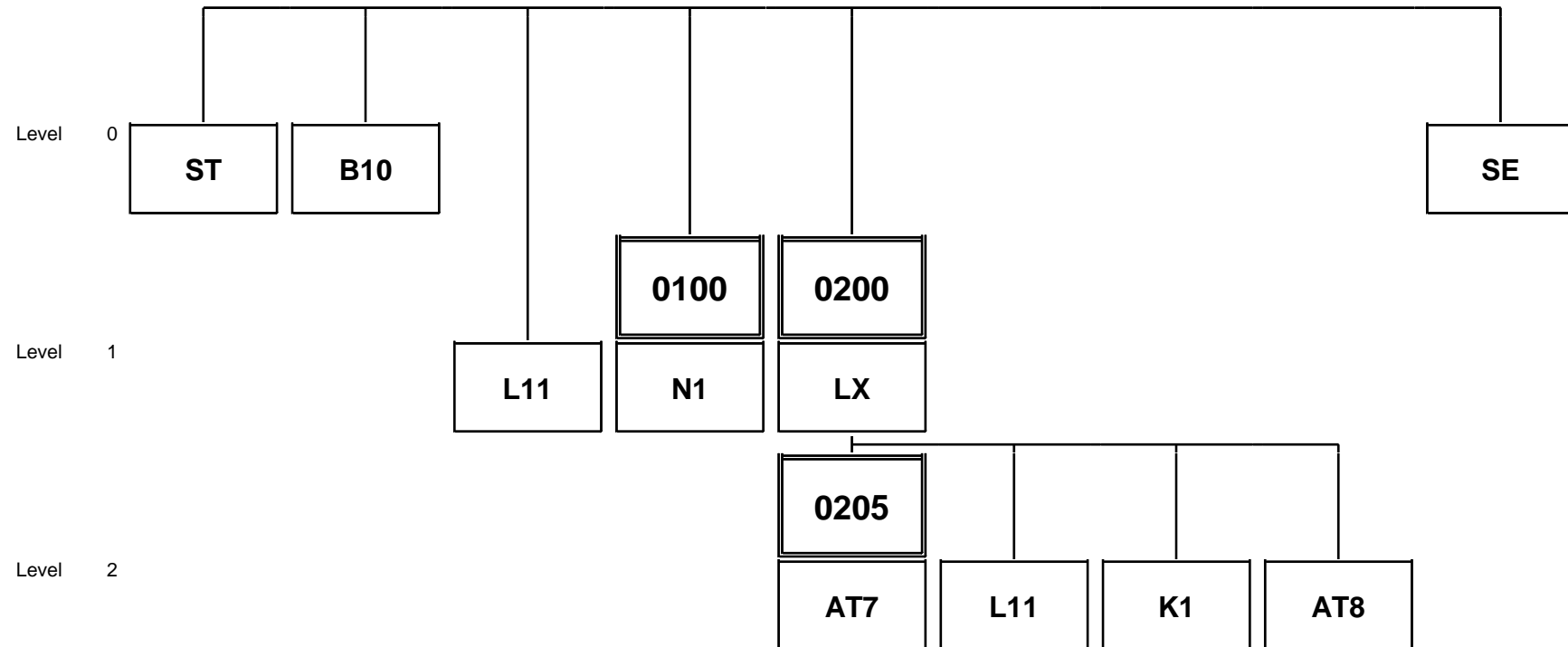Author: Volvo Information Technology AB

Message Structure

Counter	No	Tag	St	MaxOcc	Level	Content
0010	1	**ST**	M	1	0	Transaction Set Header
0020	2	**B10**	M	1	0	Beginning Segment for Transportation Carrier Shipment Status Message
0030	3	**L11**	D	300	1	Business Instructions and Reference Number
0050		**0100**	R	10	1	N1
0050	4	**N1**	M	1	1	Name
0130		**0200**	R	999999	1	LX-0205-L11-K1-AT8
0130	5	**LX**	M	1	1	Assigned Number
0140		**0205**	R	10	2	AT7
0140	6	**AT7**	M	1	2	Shipment Status Details
0150	7	**L11**	R	10	2	Business Instructions and Reference Number
0170	8	**K1**	D	10	2	Remarks
0200	9	**AT8**	D	10	2	Shipment Weight, Packaging and Quantity Data
0610	10	**SE**	M	1	0	Transaction Set Trailer

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

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

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Branching Diagram of Used Segments/Groups

| Level | 0 | ST | B10 | | | | | SE |

```
                    ┌──────┬──────┬──────┬──────────────────────┐
Level 0          ┌──────┐ ┌──────┐                              ┌──────┐
                 │  ST  │ │ B10  │                              │  SE  │
                 └──────┘ └──────┘                              └──────┘

                          ┌────────┐ ┌────────┐
                          │  0100  │ │  0200  │
                          └────────┘ └────────┘
Level 1        ┌──────┐ ┌──────┐ ┌──────┐
               │ L11  │ │  N1  │ │  LX  │
               └──────┘ └──────┘ └──────┘
                                 ┌────────┐
                                 │  0205  │
                                 └────────┘
Level 2          ┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐
                 │ AT7  │ │ L11  │ │  K1  │ │ AT8  │
                 └──────┘ └──────┘ └──────┘ └──────┘
```

ATLAS SHIPMENT STATUS

Segment details

Segment:

<table>
<tr><td rowspan="3" style="text-align:center">ST</td><td>Seq. No.:</td><td>1</td><td>Level:</td><td>0</td><td rowspan="3">Transaction Set Header</td></tr>
<tr><td>Status:</td><td>M</td><td>Max. Occ.:</td><td>1</td></tr>
<tr><td>Counter:</td><td>0010</td><td></td><td></td></tr>
</table>

Name: **Transaction Set Header**

Description of segment:
To indicate the start of a transaction set and to assign a control number

Semantic Notes:
1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
ST					
143	Transaction Set Identifier Code	M ID 3/3	M ID 3/3	**214**	**= Transportation Carrier Shipment Status Message**
329	Transaction Set Control Number	M AN 4/9	M AN 4/9		

Remark:

Example:

```
ST*214*012345!
```

ATLAS SHIPMENT STATUS

Segment details

Segment:

B10	Seq. No.: 2 Level: 0
	Status: M Max. Occ.: 1
	Counter: 0020

Beginning Segment for Transportation Carrier Shipment Status Message

Name: **Beginning Segment for Transportation Carrier Shipment Status Message**

Description of segment:
To transmit identifying numbers and other basic data relating to the transaction set

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
B10					
127	Reference Identification	C AN 1/30	D AN 1/30	Carrier's PRO number.	
145	Shipment Identification Number	O AN 1/30	R AN 1/30	Mandatory to use TB id from 204 message, segment B204.	
140	Standard Carrier Alpha Code	M ID 2/4	D ID 2/4	SCAC code	

Remark:

Example:

B10*PRO NUMBER*B01234567890*SCAC!

ATLAS SHIPMENT STATUS

Segment details

Segment:	**L11**	Seq. No.:	3	Level:	1	**Business Instructions and Reference**
		Status:	D	Max. Occ.:	300	**Number**
		Counter:	0030			

Name: **Business Instructions and Reference Number**

Description of segment:
To specify instructions in this business relationship or a reference number

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
L11					
127	Reference Identification	C AN 1/30	D AN 1/30	Trailer number.	
128	Reference Identification Qualifier	C ID 2/3	D ID 2/3	**ZZ**	**= Mutually Defined**

Remark:

Example:

```
L11*TRAILER NUMBER*ZZ!
```

ATLAS SHIPMENT STATUS

Segment details

Group: **0100** Status: R Max. Occ.: 10 N1

Segment: **N1** Seq. No.: 4 Level: 1 **Name**
Status: M Max. Occ.: 1
Counter: 0050

Name: **Name**

Description of segment:
To identify a party by type of organization, name, and code

	UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks	
N1					
98	Entity Identifier Code	M ID 2/3	R ID 2/3	Qualifier CA is mandatory to use. FW is used if available. **CA** = **Carrier** **FW** = **Forwarder**	
93	Name	C AN 1/60	D AN 1/60		
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	**92** = **Assigned by Buyer or Buyer's Agent**	
67	Identification Code	C AN 2/80	R AN 2/80	Mandatory to use SCAC_PARMA identity description for carrier from 204 message LOOP 0100 segment N104.	

Remark:

Example:
N1*CA*CARRIER NAME*92*SCAC_PARMA!

ATLAS SHIPMENT STATUS

Segment details

Group:

0200	Status: R Max. Occ.: 999999 LX-0205-L11-K1-AT8

In case of delay it is only needed to report it once per TB (Not needed on TBR or stop level)

Segment:

LX	Seq. No.: 5 Level: 1 **Assigned Number** Status: M Max. Occ.: 1 Counter: 0130

Name: Assigned Number

Description of segment:

To reference a line number in a transaction set

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
LX					
554	Assigned Number	M N0 1/6	M N0 1/6	Sequencial numbering. 1, 2, 3, etc	

Remark:

All SRN's sent in one message must always belong to the same TB, which is sent in B1002. It is allowed to send the SRN's belonging to one TB id in individual messages, each one repeating the same TB id. It is also allowed to send several/all SRN's belonging to the same TB id in one message by using LOOP 0200.

Example:

LX*1!

ATLAS SHIPMENT STATUS

Segment details

Group:	**0200**	Status:	R	Max. Occ.:	999999	LX-0205-L11-K1-AT8	
Group:	**0205**	Status:	R	Max. Occ.:	10	AT7	
Segment:	**AT7**	Seq. No.: Status: Counter:	6 M 0140	Level: Max. Occ.:	2 1	**Shipment Status Details**	

Name: **Shipment Status Details**

Description of segment:
To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

UN/EDIFACT				Implementation		
	Name	St	Format	St	Format	Use / Remarks
AT7						
1650	Shipment Status Code	C	ID 2/2	R	ID 2/2	Status event code CP can be sent together with CA for different SRN's in one message (0200 loop). No other mixes of status event codes are allowed in one message. In case of delay it is only needed to report it once per TB (not needed per SRN). **A9** = **Shipment Damaged** *Damaged but still shippable.* **CA** = **Shipment Cancelled** **CP** = **Completed Loading at Pick-up Location** **DP** = **Delayed Pick-up** **SD** = **Shipment Delayed** *Delayed delivery* **X1** = **Arrived at Delivery Location**
1651	Shipment Status or Appointment Reason Code	C	ID 2/2	N		not used
1652	Shipment Appointment Status Code	C	ID 2/2	R	ID 2/2	**AA** = **Pick-up Appointment Date and/or Time** *To be used when AT701 is CP* **AB** = **Delivery Appointment Date and/or Time** *To be used when AT701 is X1* **AC** = **Estimated Delivery Appointment Date and/or Time** *To be used when AT71 is SD or DP* **SC** = **Status Change date/time** *To be used when AT701 is A9 or CA*
1651	Shipment Status or Appointment Reason Code	C	ID 2/2	N		not used
373	Date	C	DT 8/8	R	DT 8/8	
337	Time	C	TM 4/8	R	TM 4/8	
623	Time Code	O	ID 2/2	R	ID 2/2	Use to reflect the relationship towards UTC time, PXX (XX = hour/s prior to UTC), MXX (XX = hour/s after UTC). **01** = **Equivalent to ISO P01** **02** = **Equivalent to ISO P02** **03** = **Equivalent to ISO P03** **04** = **Equivalent to ISO P04** **05** = **Equivalent to ISO P05** **06** = **Equivalent to ISO P06** **07** = **Equivalent to ISO P07** **08** = **Equivalent to ISO P08** **09** = **Equivalent to ISO P09** **10** = **Equivalent to ISO P10** **11** = **Equivalent to ISO P11** **12** = **Equivalent to ISO P12**

Segment details

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
				13 **= Equivalent to ISO M12**
				14 **= Equivalent to ISO M11**
				15 **= Equivalent to ISO M10**
				16 **= Equivalent to ISO M09**
				17 **= Equivalent to ISO M08**
				18 **= Equivalent to ISO M07**
				19 **= Equivalent to ISO M06**
				20 **= Equivalent to ISO M05**
				21 **= Equivalent to ISO M04**
				22 **= Equivalent to ISO M03**
				23 **= Equivalent to ISO M02**
				24 **= Equivalent to ISO M01**

Remark:

Example:

```
AT7*CP**AA**20120417*1303*01!
```

ATLAS SHIPMENT STATUS

Segment details

Group:	**0200**	Status: R	Max. Occ.: 999999	LX-0205-L11-K1-AT8	

In case of delay it is only needed to report it once per TB (Not needed on TBR or stop level)

Segment:	**L11**	Seq. No.: 7 Level: 2 Status: R Max. Occ.: 10 Counter: 0150		**Business Instructions and Reference Number**

Name: **Business Instructions and Reference Number**

Description of segment:

To specify instructions in this business relationship or a reference number

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
L11					
127	Reference Identification	C AN 1/30	R AN 1/30	Unique (SRN) id for original shipper/ultimate consignee within the transport assignment (TB). Shall be used for EDI exchange on corresponding level with ATLAS. The reference has been given in the 204 message, LOOP 320, segment L506.	
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	**FN**	**= Forwarder's/Agent's Reference Number**

Remark:

Example:

L11*S01234567890123*FN!

ATLAS SHIPMENT STATUS

Segment details

Group:	**0200**	Status: R	Max. Occ.: 999999	LX-0205-L11-K1-AT8

In case of delay it is only needed to report it once per TB (Not needed on TBR or stop level)

Segment:	**K1**	Seq. No.: 8 Level: 2	**Remarks**
		Status: D Max. Occ.: 10	
		Counter: 0170	

Name: **Remarks**

Description of segment:
To transmit information in a free-form format for comment or special instruction

UN/EDIFACT			Implementation		
	Name	St Format	St Format	Use / Remarks	
K1					
61	Free-Form Message	M AN 1/30	M AN 1/30		
61	Free-Form Message	O AN 1/30	D AN 1/30	If more information is needed.	

Remark:

Required for status code A9, CA, DP or SD in AT701, to specify status reason.

Example:

K1*INFORMATION*INFORMATION!

ATLAS SHIPMENT STATUS

Segment details

| Group: | **0200** | Status: R | Max. Occ.: 999999 | LX-0205-L11-K1-AT8 |

In case of delay it is only needed to report it once per TB (Not needed on TBR or stop level)

Segment:	**AT8**	Seq. No.: 9	Level: 2	**Shipment Weight, Packaging and Quantity**
		Status: D	Max. Occ.: 10	**Data**
		Counter: 0200		

Name: Shipment Weight, Packaging and Quantity Data

Description of segment:
To specify shipment details in terms of weight, and quantity of handling units

UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks
AT8				
187	Weight Qualifier	C ID 1/2	D ID 1/2	Gross weight on SRN level. **G** = **Gross Weight**
188	Weight Unit Code	C ID 1/1	D ID 1/1	**L** = **Pounds**
81	Weight	C R 1/10	D R 1/10	If available
80	Lading Quantity	O N0 1/7	N	not used
80	Lading Quantity	O N0 1/7	D N0 1/7	
184	Volume Unit Qualifier	C ID 1/1	D ID 1/1	**E** = **Cubic Feet**
183	Volume	C R 1/8	D R 1/8	If available

Remark:

Example:
AT8*G*L*3400**9*E*35!

ATLAS SHIPMENT STATUS

Segment details

Segment:	**SE**	Seq. No.: 10 Level: 0	**Transaction Set Trailer**

Seq. No.: 10 Level: 0
Status: M Max. Occ.: 1
Counter: 0610

Name: **Transaction Set Trailer**

Description of segment:
To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments
1. SE is the last segment of each transaction set.

	UN/EDIFACT			Implementation	
	Name	St Format	St Format	Use / Remarks	
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		

Remark:

Example:

SE*10*012345!