



ADVANCE SHIP NOTICE MESSAGE

ANSI X12 ASN 856 Version 002040



Table of Contents

1 THE ADVANCE SHIP NOTICE MESSAGE4

1.1 Introduction4

1.2 Status.....4

2 MESSAGE STRUCTURE CHART5

3 SEGMENTS DESCRIPTION7

4 SEGMENTS LAYOUT9

4.1 ISA Segment (Interchange Control Header)10

4.2 GS Segment (Functional Group Header).....11

4.3 ST Segment (Transaction Set Header).....12

4.4 BSN Segment (Begin Ship Notice)13

4.5 DTM Segment (Date/Time Reference).....14

4.6 HL Segment (Hierarchical Level).....15

4.7 MEA Segment (Measurements).....16

4.8 TD1 Segment (Carrier Details—Quantity and Weight)17

4.9 TD5 Segment (Carrier Details- Routing Sequence)18

4.10 TD3 Segment (Carrier Details-Equipment)18

4.11 REF Segment (Reference Numbers)260

4.12 N1 Segment (Name)21

4.13 HL Segment (Hierarchical Level).....22

4.14 LIN Segment (Item Identification Detail).....23

4.15 SN1 Segment (Item Detail-Shipment)24

4.16 PRF Purchase Order Reference25

4.17 REF Segment (Reference Numbers)26

4.18 HL Segment (Hierarchical Level).....27

4.19 SN1 Segment (Item Detail-Shipment)28

4.20 REF Segment (Reference Numbers)29

4.21 CTT Segment(Transaction Totals).....30

4.22 SE Segment(Transaction Set Trailer)31

4.23 GE Segment(Functional Group Trailer).....32

4.24 IEA Segment(Interchange Control Trailer)33

5 EXAMPLE OF ADVANCE SHIP NOTICE34

History of changes

Ver.	Release date	Author / Responsibility	Reason of change	Chapter / Pages
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1 THE ADVANCE SHIP NOTICE MESSAGE

1.1 Introduction

This document provides the definition of an ASN message, based on the ANSI X12 856 V2040, to be used in Electronic Data Interchange (EDI) between a VALEO Operating Company and its Trading Partners.

This documentation is intended to be fully comprehensive and allows the implementation of the ANSI X12 ADVANCE SHIP NOTICE without the necessity for any additional standard related documentation.

1.2 Status

MESSAGE TYPE	: ASN 856
REFERENCE DIRECTORY	: 002040
VALEO SUBSET VERSION	: 1.0

* * *

2 Message Structure Chart

SEG	REQ	MAX USE	SEGMENT NAME	LOOP	VALEO USE
ISA	M	1	Interchange Control Header		YES
GS	M	1	Functional Group Header		YES
TABLE 1 – Heading Area					YES
ST	M	1	Transaction Set Header		YES
BSN	M	1	Begin Ship Notice		YES
NTE	C	100	Note Special Instructions		NO
DTM	O	10	Date/Time Reference		YES
TABLE 2A – Shipment Level					YES
HL	M	1	Hierarchical Level	HL/200000	YES
LIN	O	1	Item Identification Detail		NO
SN1	O	1	Item Detail-Shipment		NO
SLN	O	100	Item Detail-Shipment		NO
PRF	O	1	Purchase Order Reference		NO
PO4	O	1	Item Physical Details		NO
PID	O	200	Product/Item Description		NO
MEA	O	40	Measurements		YES
PWK	O	25	Paperwork		NO
PKG	O	25	Marking, Packaging, Loading		NO
TD1	O	20	Carrier Details-Quantity and Weight		YES
TD5	O	12	Carrier Details-Routing Sequence		YES
TD3	O	12	Carrier Details- Equipment		YES
TD4	O	5	Carrier Details-Special Handling		NO
REF	O	200	Reference Numbers		YES
PER	O	1	Administrative Communications Contacts		NO
CLD	O	1	Load Detail	CLD/200	NO
REF	O	200	Reference Numbers		NO
MAN	O	10	Marks and Numbers		NO
DTM	O	10	Date/Time Reference		NO
FOB	O	1	F.O.B Relative Instructions		NO
N1	O	200	Name	N1/200	YES
N2	O	200	Additional Name Information		NO
N3	O	200	Address Information		NO
N4	O	200	Geographic Location		NO
REF	O	200	Reference Numbers		NO
PER	O	1	Administrative Communications Contacts		NO
FOB	O	1	F.O.B Relative Instructions		NO
SDQ	O	50	Destination Quantity		NO
ETD	O	1	Excess Transportation Detail		NO
CUR	O	1	Currency		NO
ITA	O	10	Allowance Charge or Service		NO
TABLE 2B – Detail Area Tare Level					NO
TABLE 2C – Order Level					YES
HL	M	1/200000	Hierarchical Level	1/200000	YES
LIN	O	1	Item Identification Detail		YES
SN1	O	1	Item Detail-Shipment		YES
SLN	O	100	Item Detail-Shipment		NO

PRF	O	1	Purchase Order Reference		NO
PO4	O	1	Item Physical Details		NO
PID	O	200	Product/Item Description		NO
MEA	O	40	Measurements		NO
PWK	O	25	Paperwork		NO
PKG	O	25	Marking, Packaging, Loading		NO
TD1	O	20	Carrier Details—Quantity and Weight		NO
TD5	O	12	Carrier Details—Equipment		NO
TD3	O	12	Carrier Details—Quantity and Weight		NO
TD4	O	5	Carrier Details—Equipment		NO
REF	O	200	Reference Numbers		YES
ITA	O	10	Allowance, Charge or Service		NO
TABLE 2D – Detail Area Item Level					YES
HL	M	1/200000	Hierarchical Level	1/200000	YES
SN1	O	1	Item Detail-Shipment		YES
MEA	O	40	Measurements		NO
REF	O	200	Reference Numbers		YES
TABLE 3 – Summary Area					YES
CTT	M	1	Transaction Totals		YES
SE	M	1	Transaction Set Trailer		YES
GE	M	1	Functional Group Trailer		YES
IEA	M	1	Interchange Control Trailer		YES

3 Segments Description

ISA Segment (Interchange Control Header)

This segment is used to start and identify an interchange of one or more functional groups.

GS Segment (Functional Group Header)

This segment is used to start and identify a group of related transactions sets and provide control and application and identification information.

ST Segment (Transaction Set Header)

The first segment of each transaction set, containing the transaction set identifier and control number

BSN Segment (Begin Ship Notice)

This segment is used to transmit identifying numbers, dates, and other basic data relating to the transaction set.

DTM Segment (Date/Time Reference)

This segment is used to specify pertinent dates and times.

HL Segment (Hierarchical Level)

This segment is used to identify dependencies among, and the context of, hierarchically groups of segments.

MEA Segment (Measurements)

This segment is used to specify physical measurements, including dimensions, tolerances, weights, and counts.

TD1 Segment (Carrier Details—Quantity and Weight)

This segment is used to specify transportation details relative to commodity, weight, and quantity.

TD5 Segment (Carrier Details—Routing Sequence/Transit Time)

This segment is used to specify the carrier and sequence of routing, and provide transit time information.

TD3 Segment (Carrier Details-Equipment)

This segment is used to specify transportation details relating to the equipment used by the carrier.

N1 Segment (Name)

This segment is used to identify a party by type of organization, name and code

LIN Segment (Item Identification Detail)

This segment is used to specify basic item identification data.

SN1 Segment (Item Detail-Shipment)

This segment is used to specify line item detail relative to shipment.

REF Segment (Reference Numbers)

This segment is used to specify the identifying numbers.

CTT Segment (Transaction Totals)

This segment is used to transmit a hash total for a specific element in the transaction set.

SE Segment (Transaction Set Trailer)

This segment is used to indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and the ending (SE) segments).

GE Segment (Functional Group Trailer)

This segment is used to indicate the end of a functional group and to provide control information.

IEA Segment (Interchange Control Trailer)

This segment is used to define the end of an interchange of zero or more functional groups and interchange-related control segments

* * *

4 Segments Layout

This section describes each segment used in the VALEO Ship Notice message. The original ANSI segment layout is listed. The appropriate comments relevant to the VALEO subset are indicated.

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. The conditional indicator may be completed by a **(R)equired** when the segment is intended to be systematically used by VALEO for its business or transmission needs.

2. Reading from left to right, in column one, the descriptions is shown, followed by in the second column the ANSI status (M or C).

Following the ANSI information, VALEO specific information is provided in the third column. In the third column a status indicator for the use of (C)onditional ANSI data elements (see 2.1 through 2.3 below).

In the fourth and the fifth column we have the data element tags, the field format, and the picture of the data elements.

And in the last column notes and code values used for specific data elements in the message are described.

2.1 **(M)andatory** data elements in ANSI segments retain their status in VALEO.

2.2 Additionally, there are two types of status for data elements with a (C)onditional ANSI 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.
- 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.

* * *

4.1 ISA Segment (Interchange Control Header)

Function: To start and identify an interchange of one or more functional groups.

Field Description	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID			'ISA'
Authorization Information Qualifier.	I01	2/2	'00'
Authorization Information	I02	10/10	' '
Security Information Qualifier	I03	2/2	'00'
Security Information	I04	10/10	' '
Interchange ID Qualifier	I05	2/2	Sender's Qualifier
Interchange Sender ID	I06	15/15	Sender's ID
Interchange ID Qualifier	I05	2/2	Receiver's Qualifier
Interchange ID Receiver	I07	15/15	Receiver's ID
Interchange Date	I08	6/6	Current Date (YYMMDD)
Interchange Time	I09	4/4	Current Time (HHMM)
Interchange Control Standards Identifier	I10	1/1	'U'
Interchange Control Version Number	I11	5/5	'00204'
Interchange Control Number	I12	9/9	000000001 - 999999999
Acknowledgment Requested	I13	1/1	'0'-(NO)
Test Indicator	I14	1/1	'P'-Production Data
Component Element Separator	I15	1/1	'!'

Example:

ISA*00* *00* *ZZ*SUPPLIER *ZZ*VALEO *031113*1455*U*00200*000000001*0*P*::~

4.2 GS Segment (Functional Group Header)

Function: To start and identify a group of related transactions sets and provide control and application and identification information.

Field Description	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID			'GS'
Functional Identifier Code	479	2/2	'SH'-Ship Notice/Manifest (856)
Application Sender's Code	142	2/15	Sender's ID
Application Receiver's Code	124	2/15	Valeo Receiver Site Code
Date	373	6/6	Current Date (YYMMDD)
Time	337	4/8	Current Time (HHMM)
Group Control Number	28	1/9	00000001-99999999
Responsible Agency Code	455	1/2	'X'
Version/Release/Industry Identifier Code	480	1/12	'002040'

Example:

GS*SH*SUPPLIER*W013*031113*1455*1*X*002040~

4.3 ST Segment (Transaction Set Header)

Function: The first segment of each transaction set, containing the transaction set identifier and control number

Field Description	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID			'ST'
Transaction Set ID	143	3/3	'856'
Transaction Set Control Number	329	4/9	A unique control number 0000-9999

Example:

ST*856*0009~

4.4 BSN Segment (Begin Ship Notice)

Function: To transmit identifying numbers, dates, and other basic data relating to the transaction set.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'BSN'
Transaction Set Purpose Code	M	M	353	2/2	'00'-Original
Shipment Identification	M	M	396	2/10	Shipper's Ship Notice Identification (SID) Number 00000-99999
Date	M	M	373	6/6	Local Creation Date (YYMMDD)
Time	M	M	337	4/8	Local Creation Time (HHMM)

Notes: The Shipment Identification number should be unique and must not be repeated within the last twelve months.

Example:

BSN*00*1234*031113*1245~

4.5 DTM Segment (Date/Time Reference)

Function: To specify pertinent dates and times.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'DTM'
Date/Time Qualifier	M	M	374	3/3	'011'-Shipped
Date	C	R	373	6/6	Ship Date (YYMMDD)
Time	C	R	337	4/8	Ship Time (HHMM)
Time Zone Qualifier	C	R	623	2/2	Time Zone qualifier

Notes: Values accepted for Time Zone Qualifier are:

NorthAmerica / Europe

- ET = Eastern Time
- CT = Central Time
- MT = Mountain Time
- PT = Pacific Time
- ED = Eastern Daylight Time
- CD = Central Daylight Time
- MD = Mountain Daylight Time
- PD = Pacific Daylight Time
- GM = Greenwich Mean Time (GMT England)

Any other location

- | | |
|--------------|--------------|
| 01 = GMT +1 | 13 = GMT -1 |
| 02 = GMT +2 | 14 = GMT -2 |
| 03 = GMT +3 | 15 = GMT -3 |
| 04 = GMT +4 | 16 = GMT -4 |
| 05 = GMT +5 | 17 = GMT -5 |
| 06 = GMT +6 | 18 = GMT -6 |
| 07 = GMT +7 | 19 = GMT -7 |
| 08 = GMT +8 | 20 = GMT -8 |
| 09 = GMT +9 | 21 = GMT -9 |
| 10 = GMT +10 | 22 = GMT -10 |
| 11 = GMT +11 | 23 = GMT -11 |
| 12 = GMT +12 | 24 = GMT -12 |

Examples:

DTM*011*031113*1450*CT~
 DTM*011*040124*2315*10~

4.6 HL Segment (Hierarchical Level)

Function: To identify dependencies among, and the context of, hierarchically groups of segments.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID					'HL'
Hierarchical ID Number	M	M	628	1/12	Hierarchical ID number: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.
Hierarchical Parent ID Number	C	N	734	1/12	Hierarchical parent ID number: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
Hierarchical Level Code	M	M	735	1/2	'S'-Shipment

Example:

HL*1**S~

4.7 MEA Segment (Measurements)

Function: To specify physical measurements, including dimensions, tolerances, weights, and counts.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'MEA'
Measurement Reference ID Code	O	R	737	2/2	'PD'-Physical Dimensions
Measurement Qualifier	O	R	738	1/1	'G'-Gross Weight 'N'-Net Weight
Measurement Value	C	R	739	1/7	Weight. No decimal points allowed
Composite Unit of Measure	C	R	C001	2/2	'KG' - Kilograms 'LB' - Pounds

Example:

MEA*PD*G*288*KG~
 MEA*PD*N*212*KG~

4.8 TD1 Segment (Carrier Details—Quantity and Weight)

Function: To specify transportation details relative to commodity, weight, and quantity.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID					'TD1'
Packaging Code	O	R	103	3/5	Any valid AIAG code
Lading Quantity	C	R	80	1/5	Number of bundles/pallets in shipment

Example:

TD1*PLT71*2~

4.9 TD5 Segment (Carrier Details—Routing Sequence/Transit Time)

Function: To specify the carrier and sequence of routing and to provide transit time information.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID					'TD5'
Routing Sequence Code	M	M	133	1/1	'B' = Originating Carrier
ID Code Qualifier	M	M	66	1/2	"02" = Standard Carrier Alphabetic Code (SCAC)
ID Code	M	M	67	2/4	Carrier's SCAC Code
Transportation Method Mode	M	M	91	1/2	"A" = Air "AC" = Air Charter "C" = Consolidation "E" = Expedited Truck "JT" = Just In Time "LT" = Less than truck load "M" = Motor "R" = Rail "O" = Ocean "P" = Private Parcel Service

Example:

TD5*B*02*SCAC*M~

4.10 TD3 Segment (Carrier Details-Equipment)

Function: To specify transportation details relating to the equipment used by the carrier.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'TD3'
Equipment Description Code	M	M	40	2/2	Any valid AIAG code
Equipment Initial	O	R	206	1/4	Alpha part of Equipment ID. AAAA-ZZZZ
Equipment Number	C	R	207	1/7	Numeric part of Equipment ID. 0000000-9999999

Example:

TD3*TL*CK*6789~

4.11 REF Segment (Reference Numbers)

Function: to transmit the shipment's Bill of lading number.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'REF'
Reference Number Qualifier	M	M	128	2/2	'BM'-Bill of Lading
Reference Number	C	R	127	1/30	Bill of Lading. Must match the SID number.

Example:

REF*BM*1234~

4.12 N1 Segment (Name)

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

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'N1'
Entity Identifier Code	M	M	98	2/2	'SU'-Supplier code 'ST'-Ship-to 'SF'-Ship-from
Name	C		93	1/1	
Identification Code Qualifier	C	R	66	1/2	'92'-Buyer-assigned ID
Identification Code	C	R	67	2/6	Identification code : If N1_98 = "SU" it would contain the supplier code assigned by the Valeo plant. If N1_98 = "ST" it would contain a Valeo assigned platform, consignee code, or plant code. If N1_98 = "SF" it would contain the departure destination location.

Examples:

N1*SU*SUPPLIER*92*799~

N1*ST*VALEO*92*W013~

N1*Sf*SUPPLIER*92*799~

4.13 HL Segment (Hierarchical Level)

Function: To identify dependencies among, and the context of, hierarchically groups of segments.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID					'HL'
Hierarchical ID Number	M	M	628	1/12	Hierarchical ID number: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.
Hierarchical Parent ID Number	C	R	734	1/12	Hierarchical parent ID number: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
Hierarchical Level Code	M	M	735	1/2	'O'-Order Level

Example:

HL*2*1*O~

4.14 LIN Segment (Item Identification Detail)

Function: To specify basic item identification data.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'LIN'
Assigned Identification	O	M	350	1/11	Line item Reference Number
Product/Service ID Qualifier	M	M	235	2/2	'BP'-Buyer's Part Number
Product/Service ID	M	M	234	1/15	Buyer's Part Number
Product/Service ID Qualifier	O	R	235	2/2	"PO"
Product Service ID	C	R	234	1/15	Customer Order Number
Product/Service ID Qualifier	O	R	235	2/2	"EC"
Product Service ID	C	R	234	1/8	Engineering Control Number

Example:

LIN*00010*BP*ARTICLEAB*PO*ORDER01*EC*B~

4.15 SN1 Segment (Item Detail-Shipment)

Function: To specify line item detail relative to shipment.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'SN1'
Assigned Identification	O	N	350	1/11	"-Not Used
Number of Units Shipped	M	M	382	1/7	Number of units shipped
Unit of Measure Code	M	M	355	2/2	Any valid AIAG code. Must match UOM sent in the 830 release.
Quantity Shipped to Date	M	M	646	1/9	Cumulative net quantity shipped from the last cumulate roll-back date, including the quantity in SN1_382.

Example:

SN1**900*EA*18900~

4.16 PRF Purchase Order Reference

Function: To transmit the dock location (if applicable) of the release issuing plant.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'PRF'
Purchase Order Number	M	M	324	01/22	Purchase Order Number

Example:

PRF*008967098~

4.17 REF Segment (Reference Numbers)

Function: To transmit the dock location (if applicable) of the release issuing plant.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'REF'
Reference Number Qualifier	M	M	128	2/2	'DK'-Dock Code
Reference Number	C	R	127	1/30	Plant's receiving Dock Code

Example:

REF*DK*SP01~

4.18 HL Segment (Hierarchical Level)

Function: To identify dependencies among, and the context of, hierarchically groups of segments.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID					'HL'
Hierarchical ID Number	M	M	628	1/12	Hierarchical ID number: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.
Hierarchical Parent ID Number	C	R	734	1/12	Hierarchical parent ID number: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
Hierarchical Level Code	M	M	735	1/2	'I'-Item Level

Example:

HL*3*2*I~

4.19 SN1 Segment (Item Detail-Shipment)

Function: To specify line item detail relative to shipment.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'SN1'
Assigned Identification	O	N	350	1/11	"-Not Used
Number of Units Shipped	M	M	382	1/7	Number of units shipped
Unit of Measure Code	M	M	355	2/2	Any valid AIAG code. Must match UOM sent in the 830 release.
Quantity Shipped to Date	M	M	646	1/9	Cumulative net quantity shipped from the last cumulate roll-back date, including the quantity in SN1_382.

Example:

SN1**900*EA*18900~

4.20 REF Segment (Reference Numbers)

Function: To transmit the dock location (if applicable) of the release issuing plant.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id					'REF'
Reference Number Qualifier	M	M	128	2/2	'LS'-Serial Number 'RE'-Kanban
Reference Number	C	R	127	1/30	Label serial number and Kanban Number (sent on 830 message).

Note: The kanban number is used only if the plant manage kanban with valeo.

Example:

Without Kanban

REF*LS*12345678~

With Kanban

REF*LS*12345678~

REF*RE*000000125000101234567890~

4.21 CTT Segment (Transaction Totals)

Function: To transmit a hash total for a specific element in the transaction set.

Field Description	Ansi	Valeo	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment ID					'CTT'
Number of line items	M	M	354	1/6	Number of HL segments.
Hash Total	O	N	347	1/10	

Example:

CTT*2~

4.22 SE Segment (Transaction Set Trailer)

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

Field Description	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id			'SE'
Number of included segments	96	1/10	Number
Transaction set control number	329	4/9	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Example:

SE*19*0009~

4.23 GE Segment (Functional Group Trailer)

Function: To indicate the end of a functional group and to provide control information.

Field Description	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id			'GE'
Number of Transactions Sets included	97	1/6	Number
Group Control number	28	1/9	Assigned number originated and maintained by the sender.

Example:

GE*1*1~

4.24 IEA Segment (Interchange Control Trailer)

Function: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Field Description	Data Element Reference Number	Data Element Length (Min/Max)	Field Content
Segment Id			'IEA'
Number of included functional groups	I16	1/5	Quantity
Interchange Control Number	I12	9/9	A control number assigned by the interchange sender

Example:

IEA*1*000000001~

5 Example of ADVANCE SHIP NOTICE

5.1 Poor ASN

Example ASN with the minimum required information

```

ISA*00*      *00*      *ZZ*SUPPLIER  *ZZ*VALEO      *031113*1455*U*00204*000000001*0*P*:-~
GS*SH*SUPPLIER*W020*031113*1455*1*X*002040~
ST*856*0009~
BSN*00*1234*031113*1450~

DTM*011*031113*1445*CT~

HL*1**S~
MEA*PD*G*288*KG~
MEA*PD*N*212*KG~
TD1*PLT71*2~
TD5*B*2*EWCF*A~

TD3*TL*CK*6789~

REF*BM*1234~
N1*ST*VALEO*92*W013~

N1*SU*SUPPLIER*92*977~

N1*SF* SUPPLIER*92*977~

HL*2*1*O~
LIN*00010*BP*ARTICLEAB01*PO*ORDER01*EC*B~

SN1**900*EA*21800~

PRF*008967098~
REF*DK*SP01
CTT*2~
SE*16*0009~
GE*1*1~
IEA*1*000000001~
    
```

The message number is 1234 and the message was issued the 13th of november at 14h50. The ASN was issued the 13th of november at 14h45.

The gross weight for the ASN is 288 KG and the net weight is 212 KG
 There is two pallets PLT71 in the shipment
 The carrier's SCAC code is EWCF and it is an Air shipment.
 The carrier is a trailer with the identification number CK6789
 The Bill of lading matches BSN_396.
 The destination is identified by its name and site code.
 The seller is identified by its name, and the VALEO internal number.
 The departure site is identified by its name and site code.

The article invoiced is the VALEO article number ARICLEAB01 and the VALEO order number is ORDER01with the engineering control number C. Line item number 00010
 Shipped Quantity is 900 pieces. Cumulate reached is 21800 pieces.
 Purchase Order # 008967098
 Dock ID SP01
 There are two HL levels
 Message trailer

5.2 Rich ASN (Label Information)

Example ASN with two part numbers one of them with 2 pallets of the same quantity and the other with 2 pallets with different quantity and label information only.

<p>ISA*00* *00* *ZZ*SUPPLIER *ZZ*VALEO *031113*1455*U*00204*00000001*0*P*:-~ GS*SH*SUPPLIER*W020*031113*1455*1*X*002040~ ST*856*0009~ BSN*00*1234*031113*1450~ DTM*011*031113*1445*CT~ HL*1**S~ MEA*PD*G*288*KG~ MEA*PD*N*212*KG~ TD1*PLT71*2~ TD5*B*2*EWCF*A~ TD3*TL*CK*6789~ REF*BM*1234~ N1*ST*VALEO*92*W013~ N1*SU*SUPPLIER*92*977~ N1*SF* SUPPLIER*92*977~ HL*2*1*O~ LIN*00010*BP*ARTICLEAB01*PO*ORDER01*EC*B~ SN1**900*EA*21800~ PRF*008967098~ REF*DK*SP01 HL*3*2*1~ SN1**450*EA~ REF*LS*90000003~ REF*LS*90000004~ HL*4*1*O~ LIN*00010*BP*ARTICLEAB02*PO*ORDER02*EC*B~ SN1**800*EA*21800~ REF*DK*SP01 HL*5*4*1~ SN1**600*EA~ REF*LS*90000010~ HL*6*4*1~ SN1**200*EA~ REF*LS*90000011~ CTT*7~ SE*34*0009~ GE*1*1~ IEA*1*000000001~</p>	<p>The message number is 1234 and the message was issued the 13th of november at 14h50. The ASN was issued the 13th of november at 14h45. The gross weight for the ASN is 288 KG and the net weight is 212 KG There is two pallets PLT71 in the shipment The carrier's SCAC code is EWCF and it is an Air shipment. The carrier is a trailer with the identification number CK6789 The Bill of lading matches BSN_396. The destination is identified by its name and site code. The seller is identified by its name, and the VALEO internal number. The departure site is identified by its name and site code. The article invoiced is the VALEO article number ARICLEAB01 and the VALEO order number is ORDER01with the engineering control number C. Line item number 00010 Shipped Quantity is 900 pieces. Cumulate reached is 21800 pieces. Purchase Order # 008967098 Dock ID SP01 There are three HL levels Quantity per label (450) Label # . 90000003 Label # . 90000004 There are Four HL levels The article invoiced is the VALEO article number ARICLEAB02 and the VALEO order number is ORDER02with the engineering control number C. Line item number 00010 Shipped Quantity is 800 pieces. Cumulate reached is 21800 pieces. Dock ID SP01 There are Five HL levels Quantity per label # 90000010 (600) Label # . 90000010 There are Seven HL levels Quantity per label # 90000011 (200) Label # . 90000011 There are Seven HL levels Message trailer</p>
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5.3 Rich ASN (Label Information and Kanban Information)

Example ASN with label information and kanban information.

```

ISA*00*      *00*      *ZZ*SUPPLIER  *ZZ*VALEO      *031113*1455*U*00204*000000001*0*P*:-~
GS*SH*SUPPLIER*W020*031113*1455*1*X*002040~
ST*856*0009~
BSN*00*1234*031113*1450~

DTM*011*031113*1445*CT~

HL*1**S~
MEA*PD*G*288*KG~
MEA*PD*N*212*KG~
TD1*PLT71*2~
TD5*B*02*EWCF*A~

TD3*TL*CK*6789~

REF*BM*1234~
N1*ST*VALEO*92*W013~

N1*SU*SUPPLIER*92*977~

N1*SF* SUPPLIER*92*977~

HL*2*1*O~
LIN*00010*BP*ARTICLEAB01*PO*ORDER01*EC*B~

SN1**900*EA*21800~

PRF*008967098~
REF*DK*SP01
HL*3*2*1~
SN1**450*EA~

REF*LS*90000003~
REF*RE*000000125000101234567890~
HL*4*2*1~
SN1**450*EA~

REF*LS*90000010~
REF*RE*000000125000201234567890~
CTT*4~
SE*34*0009~
GE*1*1~
IEA*1*000000001~
    
```

The message number is 1234 and the message was issued the 13th of november at 14h50. The ASN was issued the 13th of november at 14h45.

The gross weight for the ASN is 288 KG and the net weight is 212 KG
 There is two pallets PLT71 in the shipment
 The carrier's SCAC code is EWCF and it is an Air shipment.
 The carrier is a trailer with the identification number CK6789
 The Bill of lading matches BSN_396.
 The destination is identified by its name and site code.
 The seller is identified by its name, and the VALEO internal number.
 The departure site is identified by its name and site code.

The article invoiced is the VALEO article number ARICLEAB01 and the VALEO order number is ORDER01with the engineering control number C. Line item number 00010
 Shipped Quantity is 900 pieces. Cumulate reached is 21800 pieces.
 Purchase Order # 008967098
 Dock ID SP01
 There are three HL levels
 Quantity per label # 90000003 (450)

Label # . 90000003
 Kanban # 000000125000101234567890
 There are Five HL levels
 Quantity per label # 90000010 (450)

Label # . 90000010
 Kanban # 000000125000201234567890
 There are Seven HL levels
 Message trailer

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