



US FARATHANE

856 ADVANCE SHIP NOTICE

EDI SPECIFICATIONS

VERSION 004010



Segment: **BSN** Beginning Segment for Advance Ship Notice

Level: Header

Usage: Mandatory

Example: BSN*00*123456*20010815*1015

BSN Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
BSN01	353	Transaction Set Purpose Code	Mandatory	ID	02 – 02

- 00 Original
- 01 Cancellation

BSN02	396	Ship Notice Number	Mandatory	Alpha	02 – 30
BSN03	729	Ship Notice Date	Mandatory	Date	08
BSN04	730	Ship Notice Time	Mandatory	Time	04 – 04



Segment: DTM Date/Time Reference

Level: Header

Usage: Mandatory

Example: DTM*011*20010815*1015

DTM Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
DTM01	374	Date/Time Qualifier	Mandatory	ID	03 - 03

011 Ship Date

DTM02	373	Date	Mandatory	Date	08
DTM03	337	Time	Mandatory	Time	04 - 04



Segment: **HL** **Hierarchical Level**

Level: Header

Usage: Mandatory

Example: HL*1**S

HL Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
HL01	628	Hierarchical ID Number	Mandatory	N	01 – 12
HL02	734	Hierarchical Parent ID	Optional	N	01 – 12
HL03	735	Hierarchical Level Code	Mandatory	Alpha	01 – 02

S Shipment



Segment: MEA Measurements

Level: Header

Usage: Mandatory

Example: MEA*PD*G*4778*LB

MEA Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
MEA01	737	Measurement Reference ID	Mandatory	ID	02 – 02
MEA02	738	Measurement Dimension Qualifier ID	Mandatory	ID	01 – 03

G Gross Weight
 N Net Weight

MEA03	739	Measurement Value	Mandatory	N	01 – 10
MEA04	355	Unit Of Measure	Mandatory	ID	02 – 02

LB Pounds

Notes: 2 MEA segments are required. One for Gross Weight, and one for Net Weight.



Segment: TD1 Carrier Details (Quantities and Weights)

Level: Header

Usage: Mandatory

Example: TD1*CTN90*2

TD1 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
TD101	103	Package Code	Mandatory	ID	05 - 05
TD102	80	Lading Quantity	Mandatory	N	01 - 07

Notes: Send a TD1 segment for each Package Code



Segment: TD5 Carrier Detail (Routing)

Level: Header

Usage: Mandatory

Example: TD5*B*02*PSKL*M

TD5 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
TD501	133	Routing Sequence Code	Mandatory	ID	01 – 02

B Carrier is origin/delivery carrier

TD502	66	ID Code Qualifier	Mandatory	ID	01 – 02
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02

TD503	67	ID Code – Carrier SCAC Code	Mandatory	ID	02 – 04
TD504	91	Mode	Mandatory	ID	01 – 02

M Motor

A Air



Segment: TD3 Carrier Details (Equipment)

Level: Header

Usage: Mandatory

Example: TD3*TL**12345

TD3 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
TD301	40	Equipment Description Code	Mandatory	ID	02 – 02

TL Trailer Number

TD302	206	Equipment Initial	Optional	Alpha	01 – 04
TD303	207	Equipment Number	Mandatory	Alpha	01 – 10



Segment: REF Reference Numbers

Level: Header

Usage: Mandatory

Example: REF*BM*123456
REF*PK*123456

REF Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
REF01	128	Reference Number Qualifier	Mandatory	ID	02 – 02

BM Bill of Lading
PK Packing Slip

REF02	127	Reference Number	Mandatory	Alpha	01 – 30
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Notes: 2 REF segments are required at this level. One for Bill of Lading number, and one for Packing Slip number.



Segment: N1 Name

Level: Header

Usage: Conditional

Example: N1*MI*1*018106265

N1 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
N101	098	Entity Identifier Code	Mandatory	ID	02 – 03

MI Material Issuer

N102	093	Name	Conditional	Alpha	01 – 60
N103	066	Identification Code Qualifier	Conditional	ID	01 – 02

1 DUNS Number
 92 Assigned by Buyer, Buyer's Agent

N104	067	Identification Code	Mandatory	Alpha	02 – 80
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Notes: This segment is required if you receive this segment in 830 Material Release. This segment is sent when the material issuer is different than the ship to location.



Segment: N1 Name

Level: Header

Usage: Mandatory

Example: N1*ST**1*018106265

N1 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
N101	098	Entity Identifier Code	Mandatory	ID	02 – 03

ST Ship-to

N102	093	Name	Conditional	Alpha	01 – 60
N103	066	Identification Code Qualifier	Conditional	ID	01 – 02

- 1 DUNS Number
- 92 Assigned by Buyer, Buyer's Agent

N104	067	Identification Code	Mandatory	Alpha	02 – 80
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Notes: This segment is mandatory to identify the ship to location. The value received in the 830 release must be returned in the ASN.



Segment: N1 Name

Level: Header

Usage: Mandatory

Example: N1*SU**92*UR9999

N1 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
N101	098	Entity Identifier Code	Mandatory	ID	02 – 03

SU Supplier

N102	093	Name	Conditional	Alpha	01 – 60
N103	066	Identification Code Qualifier	Conditional	ID	01 – 02

1 DUNS Number
 92 Assigned by Buyer, Buyer's Agent

N104	067	Identification Code	Mandatory	Alpha	02 – 80
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Notes: This segment is mandatory to identify the supplier. The value received in the 830 release must be returned in the ASN.



Segment: **HL** Hierarchical Level

Level: Detail

Usage: Mandatory

Example: HL*2*1*1

HL Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
HL01	628	Hierarchical ID Number	Mandatory	N	01 – 12
HL02	734	Hierarchical Parent ID	Mandatory	N	01 – 12
HL03	735	Hierarchical Level Code	Mandatory	Alpha	01 – 02

I Item



Segment: **LIN** Item Identification

Level: Detail

Usage: Mandatory

Example: LIN**BP*F12345*PO*000999*RN*001

LIN Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
LIN01	350	Assigned Identification	Optional	Alpha	01 – 20
LIN02	235	Product / Service ID code	Mandatory	ID	02 – 02

BP Buyer Part
 PO Purchase Order Number
 RN Release Number

LIN03	234	Product / Service ID	Mandatory	Alpha	01 – 48
LIN04	235	Product / Service ID code	Mandatory	ID	02 – 02
LIN05	234	Product / Service ID	Mandatory	Alpha	01 – 48
LIN06	235	Product / Service ID code	Mandatory	ID	02 – 02
LIN07	234	Product / Service ID	Mandatory	Alpha	01 – 48

Notes: BP, PO, and RN are all required



Segment: SN1 Item Detail Shipment

Level: Detail

Usage: Mandatory

Example: SN1**1200*EA*2400

SN1 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
SN101	665	Ship Notice Line Number	Optional	Alpha	01 – 06
SN102	382	Number of Units Shipped	Mandatory	N	01 – 10
SN103	355	Unit of Measure Code	Mandatory	ID	02 – 02
SN104	646	Quantity Shipped to Date	Mandatory	N	01 – 10



Segment: CLD Item Detail Shipment

Level: Detail Packaging

Usage: Mandatory

Example: CLD*2*600*CTN90

SN1 Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
CLD01	622	Number of Customer Loads	Mandatory	N	01 – 05
CLD02	382	Units Shipped	Mandatory	N	01 – 10
CLD03	103	Packaging Code	Mandatory	ID	05 – 05



Segment: REF Reference Numbers

Level: Detail Packaging

Usage: Mandatory

Example: REF*LS*123456789

REF Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
REF01	128	Reference Number Qualifier	Mandatory	ID	02 - 02

LS Bar Code Shipping Label Serial Number

REF02	127	Reference Number	Mandatory	Alpha	02-09
REF03	352	Reference Number	Conditional	Alpha	02-09

Notes: Send 1 REF*LS segment for each Bar Code Shipping Label. REF02 is the serial number from the barcode container label. REF03 is the serial number from the barcode master label.



Segment: CTT Transaction Totals

Level: Trailer
Usage: Mandatory
Example: CTT*2*1200

CTT Data Element Summary					
Designator	Elem #	Name	Required	Type	Size
CTT01	354	Number of Line Items	Mandatory	N	01 – 06

Number of HL Segments

CTT02	347	Hash Total	Mandatory	N	01 – 10
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Total of quantities from SN102s



Sample 856

ST~856~000000001
BSN~00~123456~20020522~1200
DTM~011~20020522~1200
HL~1~~S
MEA~PD~N~3276~LB
MEA~PD~G~4778~LB
TD1~CTN90~2
TD5~B~02~PSKL~M
TD3~TL~~12345
REF~BM~123456
REF~PK~123456
N1~MI~~1~052452141
N1~ST~~1~052452141
N1~SU~~92~UR9999
HL~2~1~I
LIN~~BP~F12345~PO~000999~RN~001
SN1~~1200~LB~2400
CLD~2~600~CTN90
REF~LS~123456788~111111111
REF~LS~123456789~111111111
CTT~2~1200
SE~21~000000001