

Translation Format : OTH856 ASN OTH 4010
 Document Type : SH 856 Ship Notice/Manifest
 Version : X12-004010 ANSI 12/97
 User File Definition . . . : ROTH856 ASN OTH 4010
 Organization : VFFO VFO

Status : Active
 Direction : Receive

Disable syntax checking for segment and loop occurrence : No
 Add CTT hash total without regard to decimal points or signs : No
 Print summary report after translation : No
 Maximum translation error severity : 10

Created by:
 WHITLOA 03/06/2006 11:21:39
 Last modified by:
 WHITLOA 03/09/2006 09:47:09
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 WHITLOA 03/09/2006 09:47:24

Format notes: VFO 856 Standardized ASN Map (OTH)

Standard Document

Mapping Instructions

DOCUMENT ENVELOPE AREA:	Req	Max Occur	-- Element -- Typ	Min	Max
ST (10) Transaction Set Header	M	1			
1.0 0143 Transaction Set Identifier Code	M	1	ID	3	3
2.0 0329 Transaction Set Control Number	M	1	AN	4	9
DOCUMENT HEADER AREA:					
BSN (20) Beginning Segment for Ship Notice	M	1			
1.0 0353 Transaction Set Purpose Code	M	1	ID	2	2
2.0 0396 Shipment Identification	M	1	AN	2	30
3.0 0373 Date	M	1	DT	8	8
4.0 0337 Time	M	1	TM	4	8
DOCUMENT DETAIL AREA:					
HL Loop (S) Shipment -----	M	200,000			
HL (50) Hierarchical Level	M	1			
1.0 0628 Hierarchical ID Number	M	1	NO	1	12
Standards being overridden:			AN		
2.0 0734 Hierarchical Parent ID Number	O	1	NO	1	12
Standards being overridden:			AN		
3.0 0735 Hierarchical Level Code	M	1	ID	1	2
TD1 (150) Carrier Details (Quantity and Weight)	O	20			
2.0 0080 Lading Quantity	C	1	NO	1	7
6.0 0187 Weight Qualifier	O	1	ID	1	2
Qualifier for 7.0					
7.0 0081 Weight	C	1	R	1	10
Qualified by 6.0					

MAPPING INSTRUCTIONS FOR ST SEGMENT:
 VALIDATE ST 1.0 = 856
 MAP ST 2.0 TO D01 EDICTL

MAPPING INSTRUCTIONS FOR BSN SEGMENT:
 VALIDATE BSN 1.0 = 00
 MAP BSN 2.0 TO D01 SHIPNBR

MAPPING INSTRUCTIONS FOR HL SEGMENT:
 MAP HL 3.0 TO D01 EDITYP
 VALIDATE HL 3.0 = S

MAPPING INSTRUCTIONS FOR TD1 SEGMENT:
 MAP TD1 7.0 TO D01 BOLWGT
 MAP TD1 2.0 TO D01 BOLCTNS

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Mapping Instructions

DOCUMENT DETAIL AREA: Req Max -- Element--
 Occur Typ Min Max

TD5 (160) Carrier Details (Routing Sequence/Tra	O	12			
1.0 0133 Routing Sequence Code	O	1	ID	1	2
2.0 0066 Identification Code Qualifier	C	1	ID	1	2
Qualifier for 3.0					
3.0 0067 Identification Code	C	1	AN	2	80
Qualified by 2.0					
4.0 0091 Transportation Method/Type Code	C	1	ID	1	2
5.0 0387 Routing	C	1	AN	1	35
REF (200) Reference Identification	O	+++++++			
1.0 0128 Reference Identification Qualifier	M	1	ID	2	3
2.0 0127 Reference Identification	C	1	AN	1	30
DTM (380) Date/Time Reference	O	10			
1.0 0374 Date/Time Qualifier	M	1	ID	3	3
2.0 0373 Date	C	1	DT	8	8
FOB (390) F.O.B. Related Instructions	O	1			
1.0 0146 Shipment Method of Payment	M	1	ID	2	2
2.0 0309 Location Qualifier	C	1	ID	1	2
Qualifier for 3.0					
3.0 0352 Description	O	1	AN	1	80
Qualified by 2.0					
N1 Loop -----	O	200			
N1 (420) Name	M	1			
1.0 0098 Entity Identifier Code	M	1	ID	2	3
2.0 0093 Name	C	1	AN	1	60
3.0 0066 Identification Code Qualifier	C	1	ID	1	2
Qualifier for 4.0					
4.0 0067 Identification Code	C	1	AN	2	80
Qualified by 3.0					
N2 (430) Additional Name Information	O	2			
1.0 0093 Name	M	1	AN	1	60
N3 (440) Address Information	O	2			
1.0 0166 Address Information	M	1	AN	1	55

MAPPING INSTRUCTIONS FOR TD5 SEGMENT:
 MAP TD5 5.0 TO D01 EDICR
 MAP TD5 3.0 TO D01 SCAC

MAPPING INSTRUCTIONS FOR REF SEGMENT:
 FOR REF 1.0=BM (Bill of Lading Number)
 MAP REF 2.0 TO D01 EDIBM
 FOR REF 1.0=MB (Master Bill of Lading)
 MAP REF 2.0 TO D01 PPNCDE

MAPPING INSTRUCTIONS FOR DTM SEGMENT:
 FOR DTM 1.0=011 (Shipped)
 MAP DTM 2.0 TO D01 EDIDTE

MAPPING INSTRUCTIONS FOR N1 SEGMENT:
 FOR N1 1.0=SF (Ship From)
 MAP N1 2.0 TO D01 SFDC
 FOR N1 1.0=ST (Ship To)
 MAP N1 4.0 TO D01 EDISTR

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DOCUMENT DETAIL AREA:		Req	Max	-- Element--		
			Occur	Typ	Min	Max
N4	(450) Geographic Location	O	1			
	1.0 0019 City Name	O	1	AN	2	30
	2.0 0156 State or Province Code	O	1	ID	2	2
	3.0 0116 Postal Code	O	1	ID	3	15
	End of N1 Loop -----+					
	End of HL Loop -----+					
HL	Loop (O) Order -----+	M	200,000			
HL	(650) Hierarchical Level	M	1			
	1.0 0628 Hierarchical ID Number	M	1	NO	1	12
	Standards being overridden:			AN		
	2.0 0734 Hierarchical Parent ID Number	O	1	NO	1	12
	Standards being overridden:			AN		
	3.0 0735 Hierarchical Level Code	M	1	ID	1	2
PRF	(690) Purchase Order Reference	O	1			
	1.0 0324 Purchase Order Number	M	1	AN	1	22
	4.0 0373 Date	O	1	DT	8	8
TD5	(760) Carrier Details (Routing Sequence/Tra	O	12			
	4.0 0091 Transportation Method/Type Code	C	1	ID	1	2
	5.0 0387 Routing	C	1	AN	1	35
	6.0 0368 Shipment/Order Status Code	C	1	ID	2	2
REF	(800) Reference Identification	O	++++++			
	1.0 0128 Reference Identification Qualifier	M	1	ID	2	3
	2.0 0127 Reference Identification	C	1	AN	1	30
N1	Loop -----+	O	200			
N1	(1020) Name	M	1			
	1.0 0098 Entity Identifier Code	M	1	ID	2	3
	2.0 0093 Name	C	1	AN	1	60
	3.0 0066 Identification Code Qualifier	C	1	ID	1	2
	Qualifier for 4.0					
	4.0 0067 Identification Code	C	1	AN	2	80
	Qualified by 3.0					
	End of N1 Loop -----+					

MAPPING INSTRUCTIONS FOR N4 SEGMENT:
 FOR N1 1.0=SF (Ship From)
 MAP N4 1.0 TO D01 SFCITY
 MAP N4 2.0 TO D01 SFST
 MAP N4 3.0 TO D01 SFZIP

MAPPING INSTRUCTIONS FOR HL SEGMENT:
 MAP HL 3.0 TO D02 EDITYP
 VALIDATE HL 3.0 = O

MAPPING INSTRUCTIONS FOR PRF SEGMENT:
 MAP PRF 1.0 TO D02 EDIORD

MAPPING INSTRUCTIONS FOR REF SEGMENT:
 FOR REF 1.0=IV (Seller's Invoice Number)
 MAP REF 2.0 TO D02 EDIINV

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DOCUMENT DETAIL AREA: Req Occur Max -- Element-- Typ Min Max

Req	Occur	Max	Element	Typ	Min	Max	
End of HL Loop -----+							
HL			Loop (P) Pack	M		200,000	
HL			(1250) Hierarchical Level	M		1	
	1.0	0628	Hierarchical ID Number	M		1	12
			Standards being overridden:				
							NO
							AN
	2.0	0734	Hierarchical Parent ID Number	O		1	12
			Standards being overridden:				
							NO
							AN
	3.0	0735	Hierarchical Level Code	M		1	2
MAN			(1570) Marks and Numbers	O	++++++		
			Element Set: Qualifier Element Set -----			2	
	1.0	0088	Marks and Numbers Qualifier	M		1	2
			Qualifier for 2.0				
			Qualifier for 3.0				
	2.0	0087	Marks and Numbers	M		1	48
			Qualified by 1.0				
	3.0	0087	Marks and Numbers	O		1	48
			Qualified by 1.0				
			End of Element Set -----				
End of HL Loop -----+							
HL			Loop (I) Item	M		200,000	
HL			(1850) Hierarchical Level	M		1	
	1.0	0628	Hierarchical ID Number	M		1	12
			Standards being overridden:				
							NO
							AN
	2.0	0734	Hierarchical Parent ID Number	O		1	12
			Standards being overridden:				
							NO
							AN
	3.0	0735	Hierarchical Level Code	M		1	2
LIN			(1860) Item Identification	O		1	
	1.0	0350	Assigned Identification	O		1	20
			Element Set: Qualifier Element Set -----			15	
	2.0	0235	Product/Service ID Qualifier	M		1	2
			Qualifier for 3.0				
	3.0	0234	Product/Service ID	M		1	48
			Qualified by 2.0				
			End of Element Set -----				

MAPPING INSTRUCTIONS FOR HL SEGMENT:
MAP HL 3.0 TO D03 EDITYP
VALIDATE HL 3.0 = P

MAPPING INSTRUCTIONS FOR MAN SEGMENT:
VALIDATE MAN 1.0 = GM
MAP MAN 2.0 TO D03 CNTCDE

MAPPING INSTRUCTIONS FOR HL SEGMENT:
MAP HL 3.0 TO D04 EDITYP
VALIDATE HL 3.0 = I

MAPPING INSTRUCTIONS FOR LIN SEGMENT:
FOR LIN 2.0=UP (U.P.C. Consumer Packag...)
MAP LIN 3.0 TO D04 EDIUPC
FOR LIN 2.0=VC (Vendor's (Seller's) Ca...)
VALIDATE LIN 2.0 = VC
FOR LIN 2.0=VE (Vendor Color)
VALIDATE LIN 2.0 = VE
FOR LIN 2.0=SZ (Vendor Alphanumeric Si...)
VALIDATE LIN 2.0 = SZ
FOR LIN 2.0=UK (U.P.C./EAN Shipping Co...)
MAP LIN 3.0 TO D04 EDIUPC
FOR LIN 2.0=EN (European Article Numbe...)

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DOCUMENT DETAIL AREA: Req Max -- Element--
 Occur Typ Min Max

LIN (1860) Item Identification					
SN1 (1870) Item Detail (Shipment)	O	1			
2.0 0382 Number of Units Shipped	M	1	R	1	10
3.0 0355 Unit or Basis for Measurement Code	M	1	ID	2	2
4.0 0646 Quantity Shipped to Date	O	1	R	1	15
5.0 0330 Quantity Ordered	C	1	R	1	15
6.0 0355 Unit or Basis for Measurement Code	C	1	ID	2	2
SLN (1880) Subline Item Detail	O	1,000			
1.0 0350 Assigned Identification	M	1	AN	1	20
3.0 0662 Relationship Code	M	1	ID	1	1
4.0 0380 Quantity	C	1	R	1	15
5.0 C001 Composite Unit of Measure	C	1			
5.1 0355 Unit or Basis for Measurement C	M	1	ID	2	2
5.2 1018 Exponent	O	1	R	1	15
5.3 0649 Multiplier	O	1	R	1	10
5.4 0355 Unit or Basis for Measurement C	O	1	ID	2	2
5.5 1018 Exponent	O	1	R	1	15
5.6 0649 Multiplier	O	1	R	1	10
5.7 0355 Unit or Basis for Measurement C	O	1	ID	2	2
5.8 1018 Exponent	O	1	R	1	15
5.9 0649 Multiplier	O	1	R	1	10
5.10 0355 Unit or Basis for Measurement C	O	1	ID	2	2
5.11 1018 Exponent	O	1	R	1	15
5.12 0649 Multiplier	O	1	R	1	10
5.13 0355 Unit or Basis for Measurement C	O	1	ID	2	2
5.14 1018 Exponent	O	1	R	1	15
5.15 0649 Multiplier	O	1	R	1	10
6.0 0212 Unit Price	C	1	R	1	17
7.0 0639 Basis of Unit Price Code	O	1	ID	2	2
PID (1910) Product/Item Description	O	200			
1.0 0349 Item Description Type	M	1	ID	1	1
2.0 0750 Product/Process Characteristic Cod	O	1	ID	2	3
5.0 0352 Description	C	1	AN	1	80

MAP LIN 3.0 TO D04 EDIUPC
 MAPPING INSTRUCTIONS FOR SN1 SEGMENT:
 MAP SN1 2.0 TO D04 EDIQTY
 VALIDATE SN1 3.0 = EA

End of HL Loop -----+-----

DOCUMENT SUMMARY AREA:

CTT (2440) Transaction Totals	O	1			
1.0 0354 Number of Line Items	M	1	NO	1	6
2.0 0347 Hash Total	O	1	R	1	10

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Mapping Instructions

DOCUMENT ENVELOPE AREA:

	Req	Max Occur	-- Element -- Typ	Min	Max
SE (2450) Transaction Set Trailer	M	1			
1.0 0096 Number of Included Segments	M	1	NO	1	10
2.0 0329 Transaction Set Control Number	M	1	AN	4	9

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Standard Document (Segment Summary)

DOCUMENT ENVELOPE AREA:

ST (10) Transaction Set Header

DOCUMENT HEADER AREA:

BSN (20) Beginning Segment for Ship Notice

DOCUMENT DETAIL AREA:

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HL Loop (S) Shipment -----+
HL (50) Hierarchical Level
TD1 (150) Carrier Details (Quantity and Weight)
TD5 (160) Carrier Details (Routing Sequence/Tra
REF (200) Reference Identification
DTM (380) Date/Time Reference
FOB (390) F.O.B. Related Instructions
N1 Loop -----+
N1 (420) Name
N2 (430) Additional Name Information
N3 (440) Address Information
N4 (450) Geographic Location
End of N1 Loop -----+
End of HL Loop -----+
HL Loop (O) Order -----+
HL (650) Hierarchical Level
PRF (690) Purchase Order Reference
TD5 (760) Carrier Details (Routing Sequence/Tra
REF (800) Reference Identification
N1 Loop -----+
N1 (1020) Name
End of N1 Loop -----+
End of HL Loop -----+
HL Loop (P) Pack -----+
HL (1250) Hierarchical Level
MAN (1570) Marks and Numbers
End of HL Loop -----+
HL Loop (I) Item -----+
HL (1850) Hierarchical Level
LIN (1860) Item Identification
SN1 (1870) Item Detail (Shipment)
SLN (1880) Subline Item Detail
PID (1910) Product/Item Description
End of HL Loop -----+

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Standard Document (Segment Summary)

DOCUMENT SUMMARY AREA:

CTT (2440) Transaction Totals

DOCUMENT ENVELOPE AREA:

SE (2450) Transaction Set Trailer

Condition Definitions

Condition set	Condition name	Condition(s)
REF 1.0 (Set 2)	Bill of Lading Number Master Bill of Lading <Other>	REF 1.0=BM REF 1.0=MB None of the above
DTM 1.0	Shipped Current Schedule Delivery <Other>	DTM 1.0=011 DTM 1.0=067 None of the above
N1 Occurrence	N1 <Occurrence>=1 N1 <Occurrence>=2	<Occurrence>=1 <Occurrence>=2
N1 1.0	Ship From Ship To <Other>	N1 1.0=SF N1 1.0=ST None of the above
REF 1.0	Department Number Seller's Invoice Number Vendor Order Number	REF 1.0=DP REF 1.0=IV REF 1.0=VN
LIN 2.0	U.P.C. Consumer Packag... Vendor's (Seller's) Ca... Vendor Color Vendor Alphanumeric Si... U.P.C./EAN Shipping Co... European Article Numbe...	LIN 2.0=UP LIN 2.0=VC LIN 2.0=VE LIN 2.0=SZ LIN 2.0=UK LIN 2.0=EN

Record Associations

D01 record will be created by each occurrence of the HL loop in the detail area.

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D02 record will be created by each occurrence of the HL loop in the detail area.
D03 record will be created by each occurrence of the HL loop in the detail area.
D04 record will be created by each occurrence of the HL loop in the detail area.
D01 record will be created by each occurrence of the HL loop in the detail area.
D02 record will be created by each occurrence of the HL loop in the detail area.
D03 record will be created by each occurrence of the HL loop in the detail area.
D04 record will be created by each occurrence of the HL loop in the detail area.
D01 record will be created by each occurrence of the HL loop in the detail area.
D02 record will be created by each occurrence of the HL loop in the detail area.
D03 record will be created by each occurrence of the HL loop in the detail area.
D04 record will be created by each occurrence of the HL loop in the detail area.
D01 record will be created by each occurrence of the HL loop in the detail area.
D02 record will be created by each occurrence of the HL loop in the detail area.
D03 record will be created by each occurrence of the HL loop in the detail area.
D04 record will be created by each occurrence of the HL loop in the detail area.

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Definitions for referenced user file fields

Record ID	Field Name	Type	Dec	Date	Sep	Start	End	Description
D01	BOLCTNS	Zoned decimal	0			163	167	BOL CARTON CNT
D01	BOLWGT	Zoned decimal	3			154	162	BOL WEIGHT
D01	EDIBM	Alpha numeric				117	133	EDI Bill Of Lading
D01	EDICR	Alpha numeric				134	153	EDI Carrier
D01	EDICTL	Zoned decimal	0			87	95	VICS Control Number
D01	EDIDTE	Zoned decimal	0			53	60	VICS SETUP DATE
D01	EDISTR	Alpha numeric				3	6	VICS Store
D01	EDITYP	Alpha numeric				1	2	VICS Process Type Code
D01	PPNCDE	Alpha numeric				189	190	PPN CODE
D01	SCAC	Alpha numeric				168	171	SCAC CODE
D01	SFCITY	Alpha numeric				211	230	SHIP FROM CITY
D01	SFDC	Alpha numeric				191	210	SHIP FROM DC
D01	SFST	Alpha numeric				231	232	SHIP FROM ST
D01	SFZIP	Alpha numeric				233	241	SHIP FROM ZIP
D01	SHIPNBR	Alpha numeric				172	188	SHIPMENT NBR
D02	EDIINV	Alpha numeric				45	52	VICS Invoice
D02	EDIORD	Alpha numeric				33	44	VICS Order
D02	EDITYP	Alpha numeric				1	2	VICS Process Type Code
D03	CNTCDE	Alpha numeric				96	115	CARTON CODE
D03	EDITYP	Alpha numeric				1	2	VICS Process Type Code
D04	EDIQTY	Zoned decimal	0			69	74	VICS Units
D04	EDITYP	Alpha numeric				1	2	VICS Process Type Code
D04	EDIUPC	Zoned decimal	0			19	32	GTIN VICS UPC

TrustedLink 5.02.06 EDI400DTA

Translation Format Detail Report

AS400ITC

03/09/06

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User Link Section

Record ID	Field Name	Link Name	Link Description
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No user links defined