

DATA ELEMENT CROSS REFERENCE TO ASC X12

Usage Codes: M - Mandatory, C - Conditional, SO – Sender's Option, BC - Business Conditional, MA - Mutually Agreeable, nu - not used

Heading:

Segment	Usage	Segment Name/NAESB Data Element Name
ST	M	Transaction Set Header segment
BIG	M	Beginning Segment for Invoice (Producer Imbalance) segment
REF	M	Statement Basis
DTM	M	Imbalance Period
DTM	M	Statement Date/Time
N1	M	Statement Recipient ID/Statement Recipient ID Proprietary Code
N1	M	Preparer ID/Preparer ID Proprietary Code
PER	M	Preparer Contact Name
	M	Preparer Contact Phone Number
	SO	Preparer Contact Fax Number
	SO	Preparer Contact E-mail Address

Detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Location)
IT1	M	Baseline Item Data segment
MEA	C	Reporting Pressure Base
	C	Unit of Measure
QTY	M	Grand Total Production Deliveries
	M	Unit of Measure
NM1	M	Location Operator/Location Operator Proprietary Code
LCD	M	Location Code/Location Proprietary Code

Sub-detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Transportation Service Provider)
IT1	M	Baseline Item Data segment
QTY	M	Total Production Deliveries
NM1	M	Transportation Service Provider/ Transportation Service Provider Proprietary Code

Sub-sub-detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Interest Owner Quantities)
IT1	M	Baseline Item Data segment
MEA	M	Interest Owner Percentage
QTY	M	Beginning Imbalance Quantity
QTY	M	Entitlement Quantity
QTY	M	Production Delivery
QTY	M	Imbalance Quantity
QTY	M	Ending Imbalance Quantity
NM1	M	Interest Owner/Interest Owner Proprietary Code

Sub-sub-sub-detail:

Segment	Usage	Segment Name/NAESB Data Element Name
HL	M	Hierarchical Level segment (Interest Owner Cumulative Quantities)
IT1	M	Baseline Item Data segment
QTY	M	Cumulative Beginning Imbalance Quantity
QTY	M	Cumulative Imbalance Quantity
QTY	M	Cumulative Prior Period Adjustment
QTY	M	Cumulative Ending Imbalance Quantity
NM1	M	Interest Owner/Interest Owner Proprietary Code

Summary:

Segment	Usage	Segment Name/NAESB Data Element Name
TDS	M	Total Monetary Value Summary segment
SE	M	Transaction Set Trailer

SAMPLE ASC X12 TRANSACTION

Create Producer Imbalance Sample – this is the shipper imbalance sample.

ST*811*0001
BIG*19990608*1****F6
DTM*102****DT*199906082223
DTM*582****CM*199905
N1*40**1*123456789
N1*41**1*987654321
PER*IC*JOE ACCOUNTANT*TE*18005551212
HL*1**IB
IT1*1
LQ*IRT*PR
QTY*CB*175
NM1*78*3*****1*123456789
REF*KSR*X-1.0128
HL*2*1*9
IT1*1
NM1*US*3*****1*345678901
REF*UP*K1234
LCD**M2***DR*100158
NM1*DW*3*****1*234567890
REF*DT*K5678
LCD**MQ***DR*21098
HL*3*2*IA
IT1*1
DTM*405****RDT*199905010900-199906010900
LQ*EAR*A
QTY*G5*100
QTY*G6*90
QTY*R9*10
TDS*0
SE*30*0001