

Note: This documentation supplement describes Newcor's minimum requirements for the 856/Advance Ship Notice transaction set. All segments are mandatory unless noted as optional.

Header Information

BSN Beginning Segment for Ship Notice / Manifest

BSN01	Transaction set purpose Code "00" – Original
BSN02	ASN number – Should be packing slip number. Must not duplicate within a 12 month period.
BSN03	Date Date ASN generated
BSN04	Time Time ASN generated

DTM Shipment Date and Time Segment

DTM01	"011" – Indicating "Shipped"
DTM02	Date Date of Shipment
DTM03	Time Time of Shipment

Shipment Level

HL Hierarchical Level - Shipment Level

HL01	"1" indicating first "HL" segment in transaction set
HL02	**Not used at the shipment level**
HL03	"S" indicating shipment level

MEA Measurement (Weight) Segment

MEA01	"PD" for Physical Dimension qualifier
MEA02	"G" – if indicating Gross weight; "N" – indicating Net weight
MEA03	Weight
MEA04	"LB" for pounds; "DB" for Dry Weight; "EA" for Each "Must match Unit of Measure in the corresponding 830"

TD1 Total Segment -- Number of Containers on Shipment

TD101	Container type (ex. BIN90, CNT71)
TD102	Lading Quantity Total number of containers shipped

TD5 Carrier Details

TD501	"B" – indicating origin / delivery carrier
TD502	"02" – indicating data contained in the TD503 is the SCAC code
TD503	Standard Carrier Alpha Code (SCAC)
TD504	Conveyance Mode Code "AE" – air express "E" - expedited truck "LT" – less than truck load "M" - motor (common carrier). Use for full trailer load shipments. "C" - Consolidation
TD505	**not used**
TD506	**not used**
TD507	if TD504 = "AE" then TD507 = "OR" if TD504 = "C" then TD507 = "PP" otherwise TD507 is not used
TD508	if TD504 = "AE" then TD508 = three character airport code otherwise TD508 is not used.

TD3 Equipment Delivering Shipment Details

TD301	<p>Equipment Code if TD504 = "AE" then TD301 = "AP" if TD504 = "E" then TD301 = "TL" if TD504 = "LT" then TD301 = "TL" if TD504 = "M" then TD301 = "TL" if TD504 = "C" then TD301 = "TL"</p>
TD302	<p>Equipment Identifier Part if TD504 = "AE" then TD302 is not used if TD504 = "E" then TD302 = SCAC of delivering carrier; otherwise not used if TD504 = "LT" then TD302 = SCAC of delivering carrier; otherwise not used if TD504 = "M" then TD302 = SCAC of delivering carrier; otherwise not used if TD504 = "C" then TD302 = SCAC of delivering carrier; otherwise not used</p>
TD303	<p>Equipment Identifier Part II if TD504 = "AE" then TD303 is not used if TD504 = "E" then TD303 = trailer number if TD504 = "LT" then TD303 = trailer number if TD504 = "M" then TD303 = trailer number if TD504 = "C" then TD303 = trailer number</p>

REF Shipment Documentation Reference Segment

REF01	<p>Paperwork Identifier "BM" – Bill of Lading Number "PK" -- Packing Slip</p>
REF02	<p>Paperwork identification number (i.e. BOL number, packing slip number)</p>

N1 Part Common Information Segment

N101	<p>Identifier "SF" – Ship From as provided on 862 Shipping Schedule "ST" – Ship To as provided on 862 Shipping Schedule</p>
N102	<p>Name Must match N102 in the corresponding 830/862</p>
N103	<p>Organization Qualifier Same qualifier as in the ISA (ex. 01, 12, ZZ, etc.)</p>
N104	<p>Organization Number Same ID as in the ISA (Duns Number)</p>

Detail Information

HL Hierarchical Level – Order Level

HL01	Sequential number indicating which HL segment is in this transaction set. First Order level HL will be "2".
HL02	"1" at the order level
HL03	"O" – order level

LIN Line Item Detail Segment – One LIN for each part and purchase order combination in the ASN.

LIN01	**Not used**
LIN02	Qualifier for LIN02 "BP" -- customer's (buyer's) part
LIN03	Part Number Customer's part number provided on the 830/862
LIN04	Qualifier for LIN05 "PO" – purchase order
LIN05	if LIN04 = "PO", then LIN05 = purchase order number provided on the 830/862
LIN06	Qualifier for LIN07 "EC" – engineering change level
LIN07	if LIN06 = "EC", then LIN07 = engineering change level provided on the 830/862

SN1 Actual Ship Quantities Segment

SN101	**Not used**
SN102	Quantity shipped of this item
SN103	Shipping unit of measure provided on the 830 Material Release and/or 862 Shipping Schedule
SN104	Cumulative quantity shipped including this shipment since last cum reset.

CTT Transmission Totals Segment

CTT01	Hash Total Total number of HL segments transmitted in this segment
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