Southern Logistics Group – EDI204 Specification

4/21/2017

ISA Interchange Control Header

Element	Description	Comment
ISA01	Authorization Info Qualifier	"00" – no authorization info
ISA02	Authorization Information	spaces
ISA03	Security Information Qualifier	"00" – no security info
ISA04	Security Information	spaces
ISA05	Interchange Id Qualifier	"02" - SCAC
ISA06	Interchange Sender Id	"SOLG"
ISA07	Interchange Id Qualifier	"02" – SCAC
ISA08	Interchange Receiver Id	Receiver's unique id
ISA09	Interchange Date	Creation Date (YYMMDD)
ISA10	Interchange Time	Creation Time (HHMM)
ISA11	Interchange Control Id	"U" – USA
ISA12	Interchange Version Id	"00401"
ISA13	Interchange Control Number	(Our shipment id)
ISA14	Acknowledgement Requested	"1" (997 requested)
ISA15	Test Indicator	"P" – Production
ISA16	Sub-Element Separator	">"
ISA17	Segment Separator	"~"

IEA Interchange Control Trailer

Element	Description	Comment
IEA01	Number of included functional groups	Number of GS segments between ISA and IEA
IEA02	Interchange control number	Same as ISA13

GS Functional Group Header

Element	Description	Comment
GS01	Functional Group Id	
GS02	Application Sender Id	"SOLG"
GS03	Application Receiver Id	Carrier SCAC
GS04	Interchange Date	"YYYYMMDD"
GS05	Interchange Time	"HHMM"
GS06	Group Control Number	(Our shipment id)
GS07	Responsible Agency Code	Always "X"
GS08	Standards Version	"004010"

ST – Starting Segment

Element	Description	Comment
ST01	Transaction Set Id	"204"

ST02	Transaction Set Control Number	(Our shipment id)

B2 – Beginning Segment for 204 Transaction

Element	Description	Comment
B201	Tariff Service Code	(blank)
B202	Standard Carrier Alpha Code	Carrier SCAC
B203	Standard Point Location Codoe	(blank)
B204	Shipment Id Number (SID)	Customer visible shipment id (BOL#)
B205	Weight Unit Qualifier	"L" (pounds)
B206	Shipment Method of Payment	"PP" – Prepaid "CC" – Collect "TP" – Third Party
B207	Shipment Qualifier	(not used)
B208	Total Equipment	(not used)
B209	Shipment Weight Code	(not used)
B210	Customs Document Handling Code	(not used)
B211	Transportation Terms Code	(not used)
B212	Payment Method Code	(not used)

B2A Set Purpose

Element	Description	Comment
B2A01	Transaction Set Purpose	"00" – Original "01" – Cancellation "04" – Update
B2A02	Application Type	"LT" – Load Tender

L11 Reference Numbers

Element	Description	Comment
L1101	Reference Identification	Reference number
L1102	Reference Identification Qualifier	"CN" – Pro# "BM" – BOL#
L1103	Description	Free-form description

N Segments for Bill-To Party (see N Segments in Appendix A)

S5 Stop Details for stop 1 (origination)

Element	Description	Comment
S501	Stop Number	"SH" – Shipper "CN" – Consignee "BT" – Bill-To
S502	Stop Reason Code	"CL" – Complete Load
S503	Weight	Numeric
S504	Weight Unit Code	"L" - pounds
S505	Number of units shipped	(not used)
S506	Not used	(not used)

G62 Date/Time (ship date)

Element	Description	Comment
G6201	Date Qualifier	"10" – Ship Date
G6202	Date	"YYYYMMDD"
G6203	Time Qualifier	(not used)
G6204	Time	(not used)
G6205	Time Code	(not used)
G6206	Century	(not used)

N Segments for Shipper (see Appendix A)

G61 Contact

Element	Description	Comment
G6101	Contact Function Code	"IC" – Information contact
G6102	Name	Contact name when available
G6103	Communication Number Qualifier	"TE" - Telephone
G6104	Communication Number	Phone# when available
G6105	Contact Inquiry Reference	(not used)

L5 Description Marks & Numbers (being shipped)

Element	Description	Comment
L501	Lading Line Item Number	Sequential line#
L502	Lading Description	
L503	Commodity Code	
L504	Commodity Code Qualifier	"N" - NMFC

AT8 Shipment Weight, Packaging and Quantity Date (being shipped)

Element	Description	Comment
AT801	Weight Qualifier	"G" - Gross
AT802	Weight Unit Code	"L" - Pounds
AT803	Weight	Weight
AT804	Lading Quantity (not unitized)	(not used)
AT805	Lading Quantity (unitized)	Qty of handling units that are unitized (for instance, on a pallet)
AT806	Volume Unit Qualifier	(not used)
AT807	Volume	(not used)

S5 Stop Details for stop 2 (destination)

Element	Description	Comment
S501	Stop Number	2
S502	Stop Reason Code	"CU" – Unload
S503	Weight	Numeric
S504	Weight Unit Code	"L" - pounds
S505	Number of units shipped	(not used)
S506	Not used	(not used)

N Segments for Consignee (see Appendix A)

L5 Description Marks & Numbers (being received)

Element	Description	Comment
L501	Lading Line Item Number	Sequential line#
L502	Lading Description	
L503	Commodity Code	
L504	Commodity Code Qualifier	"N" - NMFC

AT8 Shipment Weight, Packaging and Quantity Date (being received)

Element	Description	Comment
AT801	Weight Qualifier	"G" - Gross
AT802	Weight Unit Code	"L" - Pounds
AT803	Weight	Weight
AT804	Lading Quantity (not unitized)	(not used)

AT805	Lading Quantity (unitized)	Qty of handling units that are unitized (for instance, on a pallet)
AT806	Volume Unit Qualifier	(not used)
AT807	Volume	(not used)

OID – Order Id

Element	Description	Comment
OID01	Shipment Id	Our shipment id

G62 Date/Time (delivery date)

Element	Description	Comment
G6201	Date Qualifier	"68" – Delivery Date
G6202	Date	"YYYYMMDD" (if available)
G6203	Time Qualifier	(not used)
G6204	Time	(not used)
G6205	Time Code	(not used)
G6206	Century	(not used)

L3 Summary

Element	Description	Comment
L301	Total Weight	Numeric
L302	Weight Qualifier	"G" – Gross
L303-09 segments	Not used	(empty)
L310	Total Units	Numeric

SE Transaction Set Trailer

Element	Description	Comment
SE01	Number of included segments	
SE02	Transaction Set Control Number	Sames as ST02

GE Control Trailer

Element	Description	Comments
GE01	Number of included sets	
GE02	Group Control Number	Matches GS06

Appendix A – N Segments Described

N1 Name

Element	Description	Comment
N101	Entity Identifier Code	"SH" – Shipper "CN" – Consignee "BT" – Bill-To
N102	Name	
N103	Identification Code Qualifier	(not used)
N104	Identification Code	(not used)
N105	Entity Relationship Code	(not used)
N106	Entity Identifier Coee	(not used)

N3 Address Information

Element	Description	Comment
N301	Address Information	Street Address
N302	Address Information	

N4 Geographic Location

Element	Description	Comment
N401	City Name	
N402	State/Province Code	
N403	Postal Code	
N404	Country Code	"USA" if not provided
N405	Location Qualifier	(not used)
N406	Location Identifier	(not used)

Appendix B - Sample

ISA*00* *00* *02*SLG-LLC *02*ABFS *170421*1630*U*00401*000568186*1*P*>~

GS*SM*SLG-LLC*ABFS*20170421*1630*568186*X*004010~

ST*204*000568186~

B2**ABFS**0000551549*L*PP~

B2A*00*LT~

L11*102219*CN~

L11*0000551549*BM~

N1*BT*ZZZZ ENTERPRISES C/O (YOUR CO. NAME HERE)~

N3*P O BOX 1620~

N4*OCEAN SPRINGS*MS*39566~

S5*1*CL*300*L~

G62*10*20170421~

N1*SH*ZZZZ ENTERPRISES BATON ROUGE 1~

N3*260 EAST HIGHLAND AVENUE~

N4*BATON ROUGE*LA*70806~

G61*IC*DAVID GROTH*TE*414-467-5432~

L5*1*BATH TUB*158260-04*N~

AT8*G*L*300**1~

S5*2*CU*300*L~

N1*CN*BLARG ENTERPRISES~

N3*123 MAIN STREET~

N4*GERMANTOWN*MD*20874~

L5*1*BATH TUB*158260-04*N~

AT8*G*L*300**1~

OID*568186~

L3*300*G*********1~

SE*25*000568186~

GE*1*568186~

IEA*1*000568186~