



Message Implementation Guideline

## DSV Shipment X12 204 inbound

based on

**204**

Motor Carrier Load Tender

**X12 004010**

Version: v1.2

Issue date: 2024-09-26

Author: DSV A/S, EDI



## Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	<b>ISA</b>	M	1	0	Interchange Control Header
0000	2	<b>GS</b>	C	1	0	Functional Group Header
0010	3	<b>ST</b>	M	1	0	Transaction Set Header
0020	4	<b>B2</b>	M	1	0	Beginning Segment for Shipment Information Transaction
0030	5	<b>B2A</b>	M	1	0	Set Purpose
0080	6	<b>L11</b>	O	50	1	Business Instructions and Reference Number
0090	7	<b>G62</b>	O	1	0	Date/Time
0100	8	<b>MS3</b>	O	1	0	Interline Information
0110	9	<b>AT5</b>	O	6	1	Bill of Lading Handling Requirements
0120	10	<b>PLD</b>	O	1	0	Pallet Information
0130	11	<b>NTE</b>	O	10	1	Note/Special Instruction
0140		<b>0100</b>	O	5	1	N1-N3-N4-L11-G61
0140	12	<b>N1</b>	M	1	1	Name
0160	13	<b>N3</b>	O	2	2	Address Information
0170	14	<b>N4</b>	O	1	2	Geographic Location
0180	15	<b>L11</b>	O	1	2	Business Instructions and Reference Number
0190	16	<b>G61</b>	O	3	2	Contact
0200		<b>0200</b>	O	10	1	N7-N7A-M7
0200	17	<b>N7</b>	M	1	1	Equipment Details
0203	18	<b>N7A</b>	O	1	2	Accessorial Equipment Details
0210	19	<b>M7</b>	O	2	2	Seal Numbers
0010		<b>0300</b>	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0010	20	<b>S5</b>	M	1	1	Stop Off Details
0020	21	<b>L11</b>	O	50	2	Business Instructions and Reference Number
0030	22	<b>G62</b>	O	2	2	Date/Time
0040	23	<b>AT8</b>	O	1	2	Shipment Weight, Packaging and Quantity Data
0050	24	<b>LAD</b>	O	999	2	Lading Detail
0060	25	<b>AT5</b>	O	6	2	Bill of Lading Handling Requirements
0063	26	<b>PLD</b>	O	1	2	Pallet Information
0065	27	<b>NTE</b>	O	20	2	Note/Special Instruction
0070		<b>0310</b>	O	1	2	N1-N3-N4-G61
0070	28	<b>N1</b>	M	1	2	Name
0090	29	<b>N3</b>	O	2	3	Address Information
0100	30	<b>N4</b>	O	1	3	Geographic Location
0120	31	<b>G61</b>	O	3	3	Contact
0130		<b>0320</b>	O	99	2	L5-AT8-0325
0130	32	<b>L5</b>	M	1	2	Description, Marks and Numbers
0135	33	<b>AT8</b>	O	1	3	Shipment Weight, Packaging and Quantity Data

Counter = Counter of segment/group within the standard  
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St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



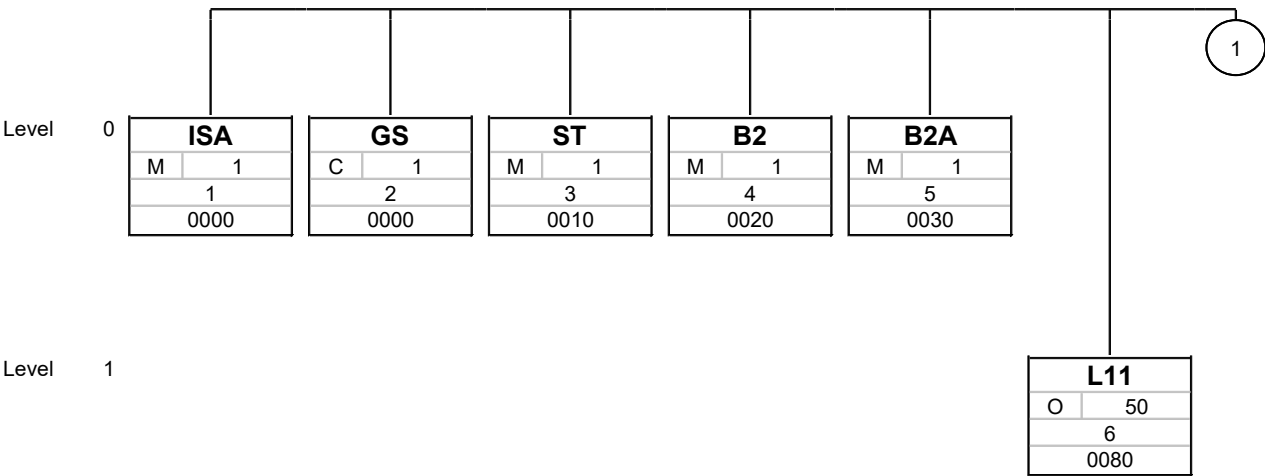
Counter	No	Tag	St	MaxOcc	Level	Content
0140		<b>0325</b>	O	99	3	G61-0330
0140	34	<b>G61</b>	M	1	3	Contact
0143		<b>0330</b>	O	25	4	LH1-LH2-LH3-LFH
0143	35	<b>LH1</b>	M	1	4	Hazardous Identification Information
0144	36	<b>LH2</b>	O	4	5	Hazardous Classification Information
0145	37	<b>LH3</b>	O	10	5	Hazardous Material Shipping Name
0146	38	<b>LFH</b>	O	20	5	Freeform Hazardous Material Information
0150		<b>0350</b>	O	999	2	OID-G62-0360
0150	39	<b>OID</b>	M	1	2	Order Identification Detail
0160	40	<b>G62</b>	O	2	3	Date/Time
0190		<b>0360</b>	O	99	3	L5-AT8-0365
0190	41	<b>L5</b>	M	1	3	Description, Marks and Numbers
0195	42	<b>AT8</b>	O	1	4	Shipment Weight, Packaging and Quantity Data
0200		<b>0365</b>	O	99	4	G61-0370
0200	43	<b>G61</b>	M	1	4	Contact
0203		<b>0370</b>	O	25	5	LH1-LH2-LH3-LFH
0203	44	<b>LH1</b>	M	1	5	Hazardous Identification Information
0204	45	<b>LH2</b>	O	4	6	Hazardous Classification Information
0205	46	<b>LH3</b>	O	10	6	Hazardous Material Shipping Name
0206	47	<b>LFH</b>	O	20	6	Freeform Hazardous Material Information
0010	48	<b>L3</b>	O	1	0	Total Weight and Charges
0020	49	<b>SE</b>	M	1	0	Transaction Set Trailer
0000	50	<b>GE</b>	C	1	0	Functional Group Trailer
0000	51	<b>IEA</b>	M	1	0	Interchange Control Trailer

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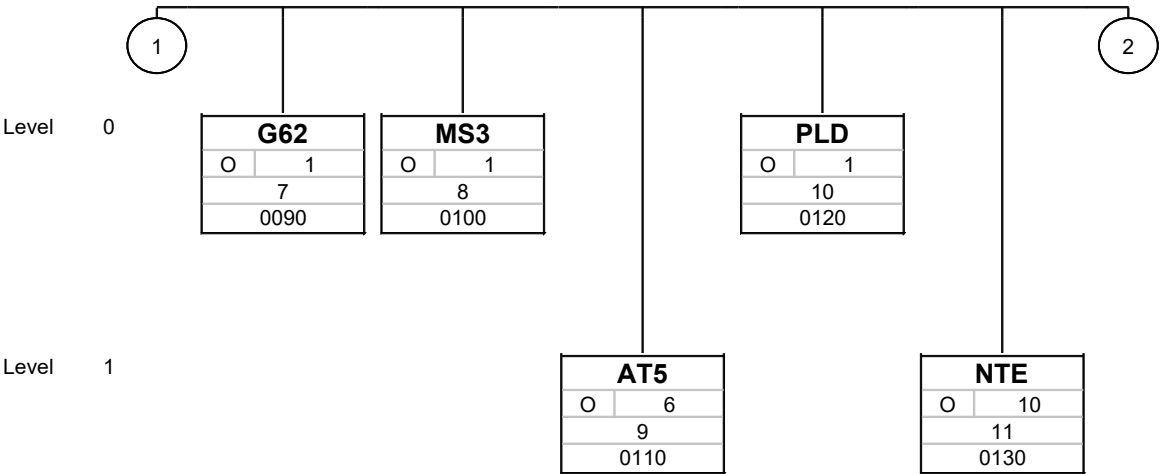


Branching Diagram of Used Segments/Groups



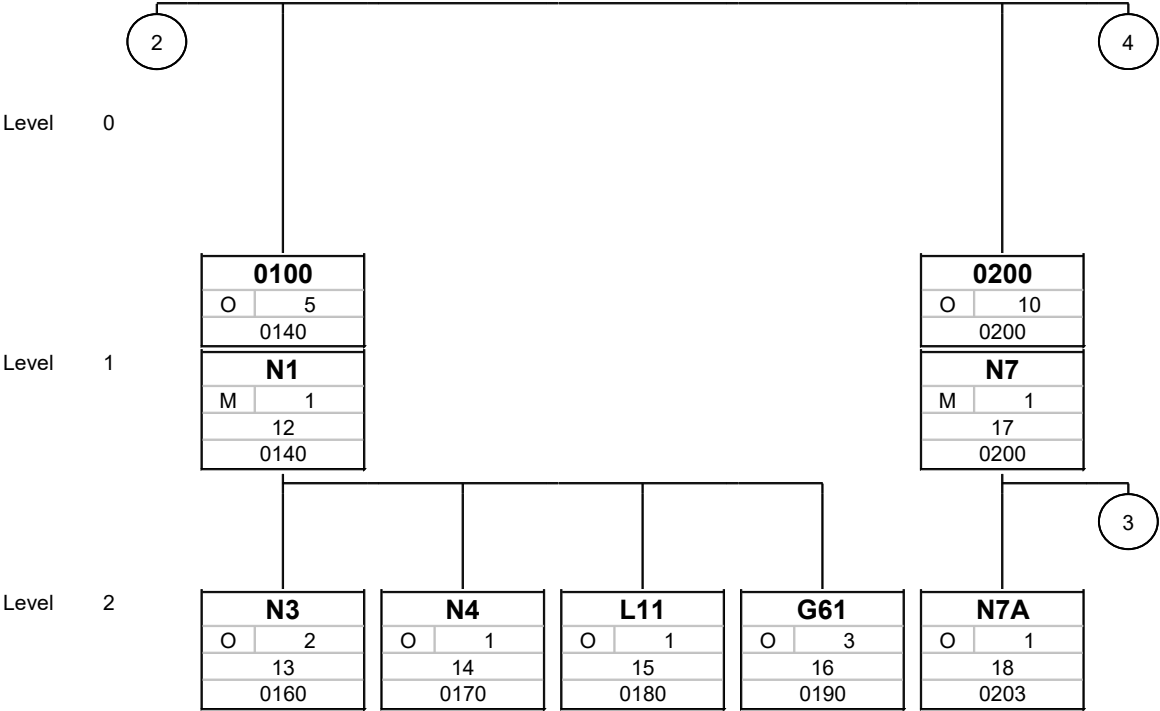
Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag  
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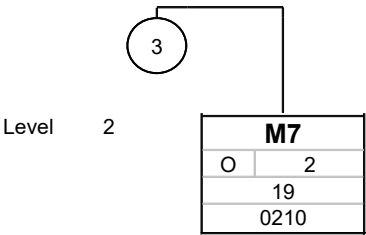
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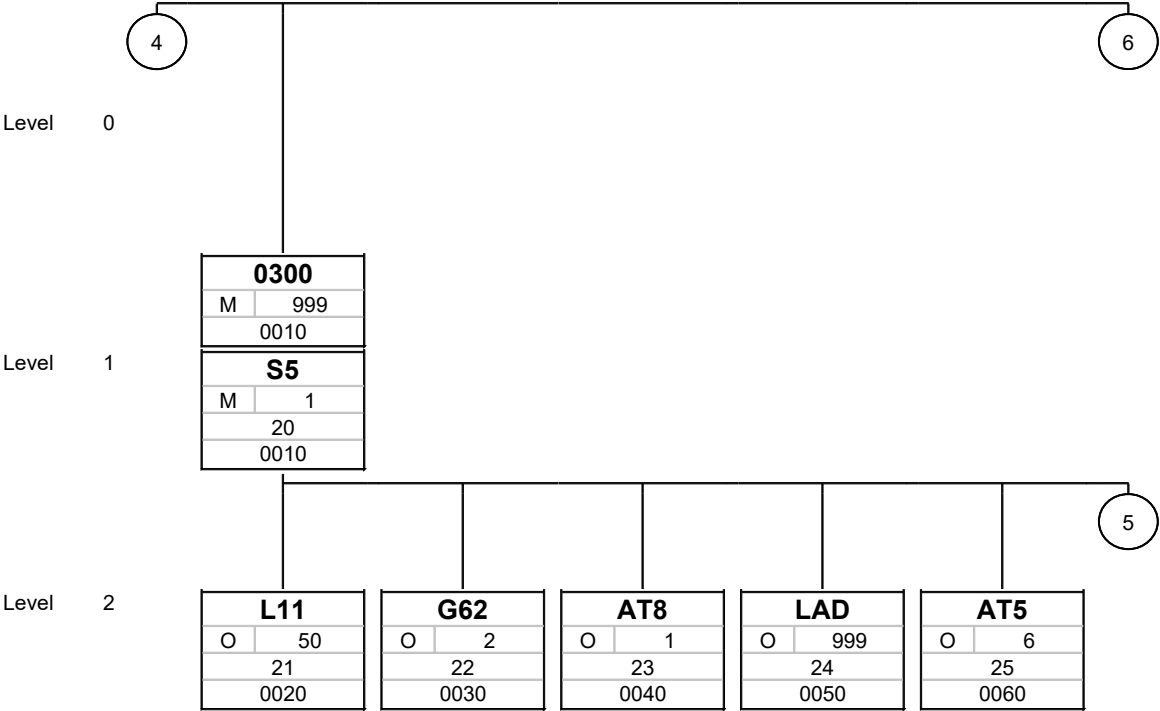
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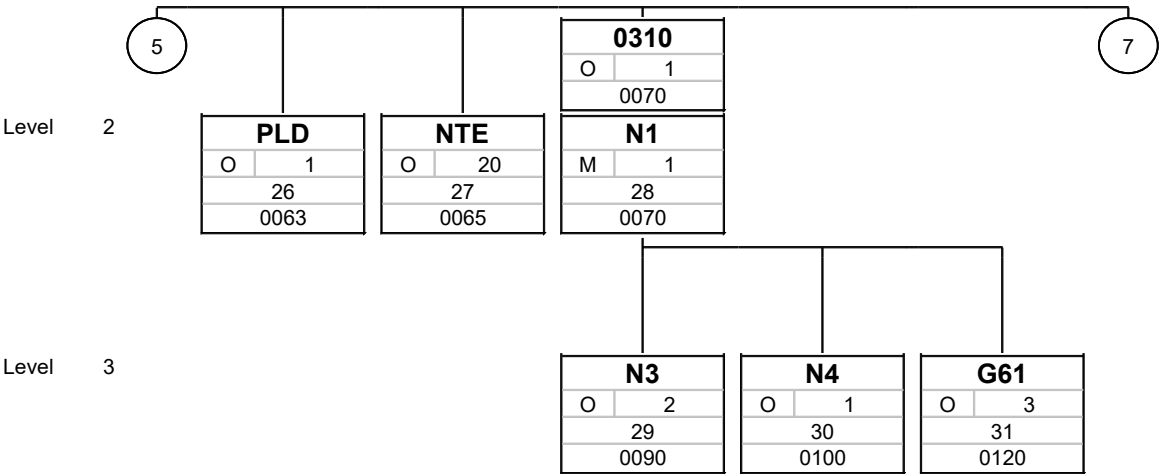
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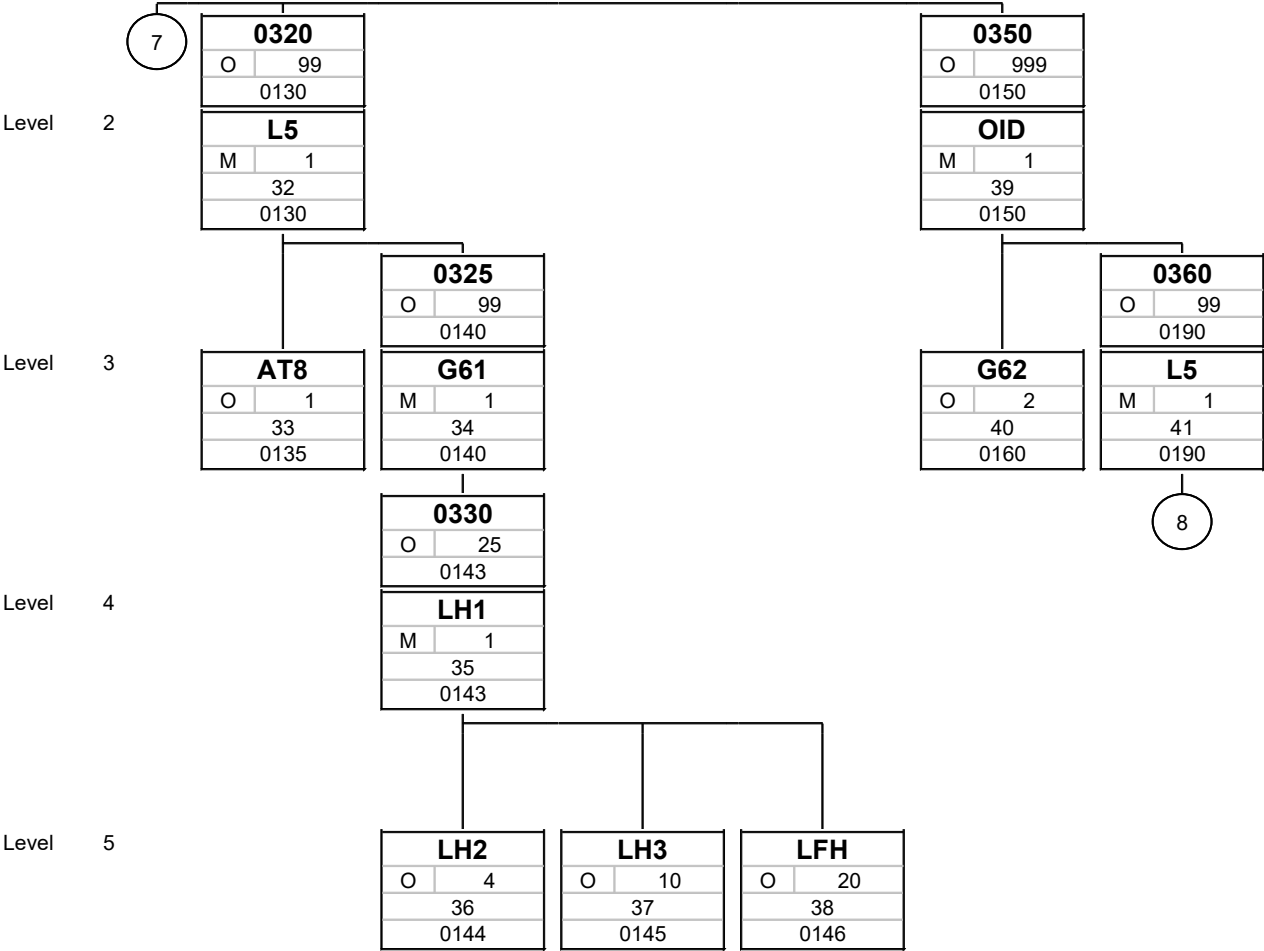
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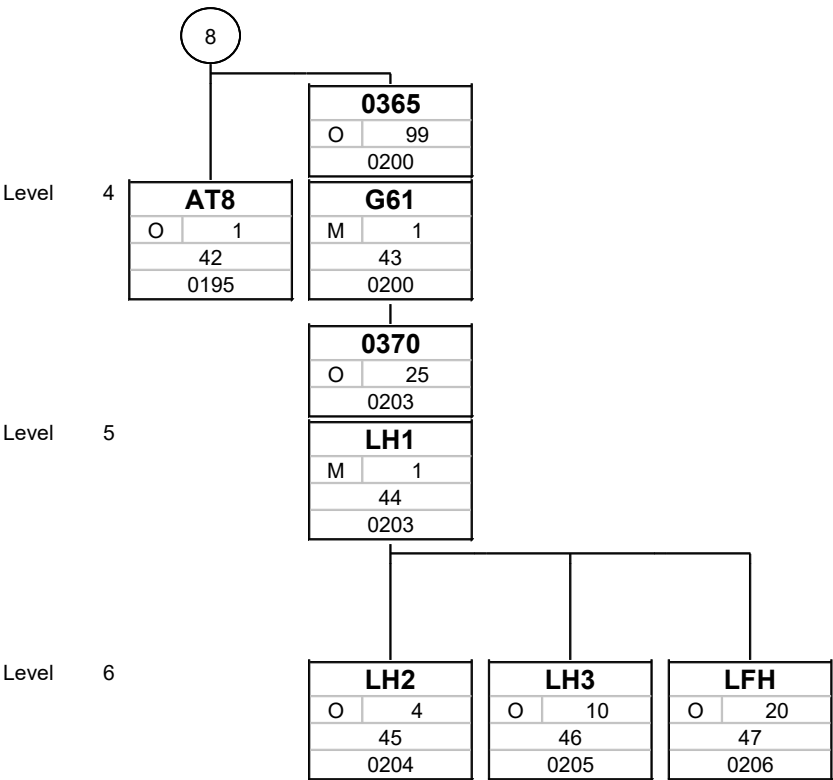
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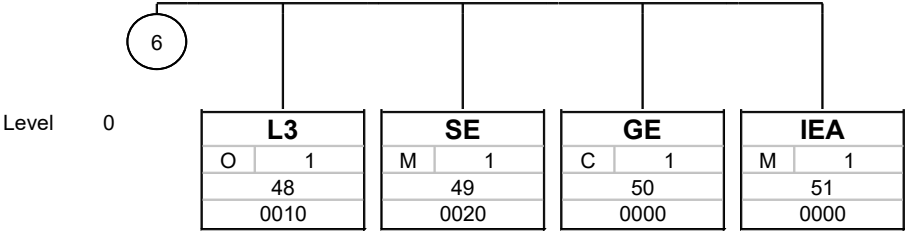
Tag
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Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	1	ISA	M	1	0	Interchange Control Header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
ISA				
I01	Authorization Information Qualifier	M ID 2/2	M ID 2/2	
I02	Authorization Information	M AN 10/10	M AN 10/10	
I03	Security Information Qualifier	M ID 2/2	M ID 2/2	
I04	Security Information	M AN 10/10	M AN 10/10	
I05	Interchange ID Qualifier	M ID 2/2	M ID 2/2	
I06	Interchange Sender ID	M AN 15/15	M AN 15/15	<b>General Notes</b> SENDER IDENTIFICATION Mutually agreed
I05	Interchange ID Qualifier	M ID 2/2	M ID 2/2	
I07	Interchange Receiver ID	M AN 15/15	M AN 15/15	<b>General Notes</b> RECEIVER IDENTIFICATION Mutually agreed
I08	Interchange Date	M DT 6/6	M DT 6/6	
I09	Interchange Time	M TM 4/4	M TM 4/4	
I10	Interchange Control Standards Identifier	M ID 1/1	M ID 1/1	
I11	Interchange Control Version Number	M ID 5/5	M ID 5/5	
I12	Interchange Control Number	M N0 9/9	M N0 9/9	
I13	Acknowledgment Requested	M ID 1/1	M ID 1/1	
I14	Usage Indicator	M ID 1/1	M ID 1/1	
I15	Component Element Separator	M AN 1/1	M AN 1/1	

**Segment Remarks:**  
**General Notes**  
INTERCHANGE CONTROL HEADER

**Example:**  
ISA\*00\*                  \*00\*                  \*01\*XXXXXXXXXXXXXXXX\*01\*XXXXXXXXXXXXXXXX\*230601\*1107\*U\*00401\*99999999  
9\*0\*P\*::~~



Counter	No	Tag	St	MaxOcc	Level	Name
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0000	2	<b>GS</b>	C	1	0	Functional Group Header
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GS				
479	Functional Identifier Code	M ID 2/2	M ID 2/2	<a href="#">List of valid codes</a> <b>SM</b> Motor Carrier Load Tender (204)
142	Application Sender's Code	M AN 2/15	M AN 2/15	<a href="#">General Notes</a> SENDER IDENTIFICATION Mutually agreed
124	Application Receiver's Code	M AN 2/15	M AN 2/15	<a href="#">General Notes</a> RECEIVER IDENTIFICATION Mutually agreed
373	Date	M DT 8/8	M DT 8/8	
337	Time	M TM 4/8	M TM 4/8	
28	Group Control Number	M N0 1/9	M N0 1/9	
455	Responsible Agency Code	M ID 1/2	M ID 1/2	
480	Version / Release / Industry Identifier Code	M AN 1/12	M AN 1/12	

**Segment Remarks:**

**General Notes**

FUNCTIONAL GROUP HEADER

**Example:**

GS\*SM\*XX\*XX\*20240901\*1107\*1\*X\*004010~

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Counter	No	Tag	St	MaxOcc	Level	Name
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0010    3    **ST**    M    1    0    Transaction Set Header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
ST				
143	Transaction Set Identifier Code	M ID 3/3	M ID 3/3	<a href="#">List of valid codes</a> <b>204</b> Motor Carrier Load Tender
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

**Segment Remarks:**

**General Notes**

TRANSACTION SET HEADER

**Example:**

ST\*204\*XXXX~

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Counter	No	Tag	St	MaxOcc	Level	Name
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0020    4    **B2**    M    1    0    **Beginning Segment for Shipment Information Transaction**

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
B2				
375	Tariff Service Code	O ID 2/2	N	
140	Standard Carrier Alpha Code	O ID 2/4	O ID 2/4	
154	Standard Point Location Code	O ID 6/9	N	
145	Shipment Identification Number	O AN 1/30	O AN 1/30	<b>General Notes</b> Shipment Identification  THIS ELEMENT IS REQUIRED BY DSV
188	Weight Unit Code	O ID 1/1	N	
146	Shipment Method of Payment	M ID 2/2	M ID 2/2	<b>General Notes</b> Shipment method of payment  <b>List of valid codes</b>  <b>CC</b> Collect <b>PP</b> Prepaid (by Seller) <b>TP</b> Third Party Pay
147	Shipment Qualifier	O ID 1/1	O ID 1/1	<b>General Notes</b> Shipment Qualifier  <b>List of valid codes</b>  <b>C</b> Consolidated Shipment <b>L</b> Single Load (Blind Memo) Memo--Incomplete Documentation
86	Total Equipment	O N0 1/3	N	
460	Shipment Weight Code	O ID 1/1	N	
501	Customs Documentation Handling Code	O ID 2/2	N	
335	Transportation Terms Code	O ID 3/3	O ID 3/3	<b>General Notes</b> Transportation Terms code  <b>List of valid codes</b>  <b>CAF</b> Cost and Freight <b>CFR</b> Cost and Freight <b>CIF</b> Cost, Insurance, and Freight <b>CIP</b> Carriage and Insurance Paid To <b>CPT</b> Carriage Paid To <b>DAF</b> Delivered at Frontier <b>DDP</b> Delivered Duty Paid <b>DDU</b> Deliver Duty Unpaid <b>DEQ</b> Delivered Ex Quay <b>DES</b> Delivered Ex Ship <b>DOM</b> Domestically Supplied <b>DUP</b> Delivered; Duty Unpaid <b>EXQ</b> Ex Quay <b>EXS</b> Ex Ship <b>EXW</b> Ex Works <b>FAS</b> Free Alongside Ship <b>FCA</b> Free Carrier

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				<b>FCI</b> Freight Carriage and Insurance Paid To <b>FCP</b> Freight Carriage Paid To <b>FOB</b> Free on Board <b>FOR</b> Free on Rail <b>FOT</b> Free on Truck <b>NPF</b> Non-privileged Foreign <b>PPF</b> Privileged Foreign
591	Payment Method Code	O ID 3/3	N	

Segment Remarks:

General Notes

BEGINNING SEGMENT FOR SHIPMENT INFORMATION TRANSACTION

Example:

B2\*\*SCAC\*\*SHIPID\*\*CC\*L\*\*\*\*CAF~

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Counter	No	Tag	St	MaxOcc	Level	Name
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00305

**B2A**

M

1

0

Set Purpose

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
B2A				
353	Transaction Set Purpose Code	M ID 2/2	M ID 2/2	<div>List of valid codes</div> <div><div>00</div>Original</div> <div><div>01</div>Cancellation</div> <div><div>02</div>Add</div> <div><div>03</div>Delete</div> <div><div>04</div>Change</div> <div><div>05</div>Replace</div> <div><div>21</div>Transaction on Hold</div>

Segment Remarks:  
General Notes  
TRANSACTION SET PURPOSE

Example:  
B2A\*00\*LT~



Counter	No	Tag	St	MaxOcc	Level	Name
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00806

L11

O

50

1

Business Instructions and Reference Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L11				
127	Reference Identification	C AN 1/30	C AN 1/30	<b>General Notes</b> REFERENCE IDENTIFICATION  Required if element 128 is provided
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	<b>General Notes</b> REFERENCE IDENTIFICATION QUALIFIER  Required if element 127 is provided  <b>List of valid codes</b>  4P Affiliation Number ACD Class Code BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice) DJ Delivery Ticket Number IA Internal Vendor Number IL Internal Order Number JB Job (Project) Number LT Lot Number MB Master Bill of Lading PO Purchase Order Number QN Stop Sequence Number SCA Standard Carrier Alpha Code (SCAC) SI Shipper's Identifying Number for Shipment (SID) SL Sales/Territory Code SO Shipper's Order (Invoice Number) ST Store Number WU Vessel
352	Description	C AN 1/80	N	

Segment Remarks:  
**General Notes**  
SHIPMENT REFERENCES

Example:  
L11\*REF\*IA~



Counter	No	Tag	St	MaxOcc	Level	Name
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0090    7    **G62**    O    1    0    Date/Time

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G62				
432	Date Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> DATE QUALIFIER  Required if element 373 is provided  <b>List of valid codes</b> 02      Delivery Requested on This Date 09      Process Date 10      Requested Ship Date/Pick-up Date 17      Estimated Delivery Date 37      Ship Not Before Date 38      Ship Not Later Than Date 53      Deliver Not Before Date 54      Deliver No Later Than Date 64      Must Respond By 68      Requested Delivery Date 69      Scheduled Pick-Up Date 70      Scheduled Delivery Date 78      Delivery Appointment Scheduled Date LP      Latest Pickup Date EP      Earliest Pickup Date
373	Date	C DT 8/8	C DT 8/8	<b>General Notes</b> DATE  Required if element 432 is provided
176	Time Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> TIME QUALIFIER  Required if element 337 is provided  <b>List of valid codes</b> 1      Must Respond By 3      Delivery Appointment Scheduled Time 4      Pickup Requested Scheduled Time 5      Delivery Requested Scheduled Time D      Estimated Departure Time ED      Earliest Delivery Time EP      Earliest Pickup Time G      Earliest Requested Deliver Time I      Earliest Requested Pick Up Time K      Latest Requested Pick Up Time L      Latest Requested Delivery Time LP      Latest Pickup Time LD      Latest Delivery Time T      Scheduled Arrival Time U      Scheduled Pick Up Time W      Effective Time X      Scheduled Delivery Time

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				<b>Y</b> Requested Pick Up Time <b>Z</b> Requested Delivery Time
337	Time	C TM 4/8	C TM 4/8	<b>General Notes</b> TIME Required if element 176 is provided
623	Time Code	O ID 2/2	N	

**Segment Remarks:**

**General Notes**

SHIPMENT DATES

At least one of 432 or 176 is required

**Example:**

G62\*17\*20240901\*1\*1107~

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Counter	No	Tag	St	MaxOcc	Level	Name
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01008MS3O10Interline Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MS3				
140	Standard Carrier Alpha Code	M ID 2/4	M ID 2/4	
133	Routing Sequence Code	M ID 1/2	M ID 1/2	<b>List of valid codes</b> <b>S</b> Origin Carrier, Shipper's Routing (Rail)
19	City Name	C AN 2/30	N	
91	Transportation Method/Type Code	O ID 1/2	O ID 1/2	<b>List of valid codes</b> <b>A</b> Air <b>J</b> Motor <b>LT</b> Less Than Trailer Load (LTL) <b>M</b> Motor (Common Carrier) <b>MB</b> Motor (Bulk Carrier) <b>MP</b> Motor (Package Carrier) <b>O</b> Containerized Ocean <b>R</b> Rail <b>S</b> Ocean <b>TT</b> Tank Truck
156	State or Province Code	O ID 2/2	N	

Segment Remarks:

General Notes

INTERLINE INFORMATION

Example:

MS3\*SCAC\*S\*\*J~

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Counter	No	Tag	St	MaxOcc	Level	Name
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01109

AT5

O

6

1

Bill of Lading Handling Requirements

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
AT5				
152	Special Handling Code	C ID 2/3	C ID 2/3	<b>General Notes</b> SPECIAL HANDLING CODE  At least one of elements 152 and 560 is required if element 153 is present  <b>List of valid codes</b> <b>DM</b> Domestic <b>LT</b> Less Than Full Carload <b>LTT</b> Less Than Truckload
560	Special Services Code	C ID 2/10	C ID 2/10	<b>List of valid codes</b> <b>H1</b> Temperature Protection
153	Special Handling Description	C AN 2/30	C AN 2/30	

**Segment Remarks:**  
**General Notes**  
HANDLING REQUIREMENTS

**Example:**  
AT5\*DM\*H1\*FINISHED GOODS~



Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

012010

PLD

O

1

0

Pallet Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PLD				
406	Quantity of Pallets Shipped	M N0 1/3	M N0 1/3	
399	Pallet Exchange Code	O ID 1/1	N	
188	Weight Unit Code	C ID 1/1	N	
81	Weight	C R 1/10	N	

Segment Remarks:

General Notes

PALLET INFORMATION

Example:

PLD\*9~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0130 11 **NTE** O 10 1 Note/Special Instruction

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NTE				
363	Note Reference Code	O ID 3/3	O ID 3/3	<div><b>List of valid codes</b> <b>AAA</b> Agent Details <b>AAB</b> Associated Business Areas <b>AAC</b> Borrower <b>AAD</b> Nationality Details <b>AAE</b> Assets <b>AAF</b> Liabilities <b>ABN</b> Abbreviated Nomenclature <b>ACC</b> Access Instructions <b>ACI</b> Additional Claim Information <b>ACN</b> Action Taken <b>ACS</b> Actual Solution <b>ACT</b> Action <b>ADD</b> Additional Information <b>AES</b> Actual Evaluation Summary <b>AET</b> Adverse Event Terms <b>ALG</b> Allergies <b>ALL</b> All Documents <b>ALT</b> Alerts <b>AMN</b> Additional Manufacturer Narrative <b>AOO</b> Area of Operation <b>APN</b> Application Notes <b>APS</b> Appropriation Specifications <b>BBD</b> Bank Description <b>BBF</b> Business Founder <b>BBH</b> Business History <b>BBN</b> Banking Notes <b>BBO</b> Business Origin Description <b>BBT</b> Brand Names <b>BFD</b> Business Financing Details <b>BOL</b> Bill of Lading Note <b>BUR</b> Bureau Remarks <b>CAA</b> Authentication Information <b>CAB</b> Line of In-State Business <b>CAC</b> Relationship Information <b>CAD</b> Basis for Amount Due <b>CAE</b> Type of Debt <b>CAF</b> Land Use Purpose <b>CAG</b> Land Description <b>CAH</b> Basis of Calculation <b>CAI</b> General Business Description <b>CAJ</b> Type of Business <b>CAK</b> Character of Business <b>CAL</b> Representation of Value <b>CAM</b> Supporting Statement, Tax, and Fee Computation <b>CAN</b> Cooperative Corporation Statement <b>CAO</b> Close Corporation Statement</div>



Standard		Implementation	
Tag	Name	St Format	Usage / Remark
			<b>CAP</b> Agreement to Abide by Laws <b>CAQ</b> Stock Restrictions <b>CAR</b> Other Related Information <b>CAS</b> Prohibition Against Being an Officer <b>CAT</b> Qualification of Director <b>CAU</b> Nature of Charter <b>CAV</b> Statement of Assets and Liabilities <b>CAW</b> Bankruptcy Information <b>CAX</b> Certificate of Disclosure <b>CAZ</b> Asset Detail <b>CBA</b> Statement Related to Regulation <b>CBB</b> Consideration to be Received <b>CBC</b> Other Lawful Provisions <b>CBH</b> Monetary Amount Description <b>CBI</b> Description of Title <b>CCA</b> Competition <b>CCB</b> Construction Details <b>CCC</b> Construction Financing <b>CCD</b> Construction Line of Business <b>CCE</b> Contract Details <b>CCF</b> Corporate Filing Details <b>CCG</b> Customer Description <b>CCN</b> Copyright Notice <b>CDD</b> Contingent Debt Details <b>CER</b> Certification Narrative <b>CHG</b> Change <b>CIG</b> Cigarette Information <b>CLN</b> Classifying Information <b>CLR</b> Security Clearance Instructions <b>CMP</b> Concomitant Medical Product Description <b>CMT</b> Maintenance Comment <b>COD</b> Corrected Data <b>COM</b> Consumer Comments <b>CON</b> Conviction Act Details <b>CRA</b> Credit Report Alerts <b>CRK</b> Closing Comment <b>CRN</b> Credit Report Notes <b>CUS</b> Customs declaration <b>DCP</b> Goals, Rehabilitation Potential, or Discharge Plans <b>DEE</b> Event Description <b>DEL</b> Delivery <b>DEP</b> Problem Description <b>DFR</b> Dose, Frequency and Route Description <b>DFS</b> Departure from Specification Comment <b>DGN</b> Diagnosis Description <b>DME</b> Durable Medical Equipment (DME) and Supplies <b>DOD</b> Description of Damage <b>DOI</b> Outcome Description <b>ECD</b> Environmental Conditions Description <b>ECM</b> Estimate Comment <b>ECN</b> Equipment Condition Description <b>ECT</b> Emergency Certification <b>EED</b> Equipment Description <b>EFD</b> Equipment Function Description <b>ELE</b> Equipment Log Entry <b>EMC</b> Employment Comments <b>EMD</b> Estimate Method Description

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Standard		Implementation	
Tag	Name	St Format	St Format Usage / Remark
			<b>ENR</b> Explanation for Non-Return of Device to Manufacturer <b>ERN</b> Error Notes <b>EVL</b> Event Location <b>EXE</b> Exemption Description <b>EXR</b> Exercise Routine <b>EXT</b> Exterior Description <b>FEE</b> Fee Description <b>FUT</b> Future Plans <b>GEN</b> Entire Transaction Set <b>GPI</b> General Product or Process Information <b>GSI</b> General Specification Information <b>HHI</b> Household Goods Information <b>ICN</b> Interviewee Conversation <b>IDT</b> Intangible Description <b>IID</b> Inventory (Stock) Description <b>IIE</b> Investment Description <b>IIR</b> Intercompany Relations <b>IMP</b> Problem Impact <b>INS</b> Insurance <b>INT</b> General Order Instructions <b>INV</b> Invoice Instruction <b>IVC</b> Income Verification Comments <b>JVD</b> Joint Venture Description <b>LAB</b> Labeling Instructions <b>LBD</b> Laboratory Data <b>LBS</b> Labeled Strength <b>LEN</b> Lender Use <b>LIN</b> Line Item <b>LIQ</b> Liquor Information <b>LLA</b> Letters of Liability Agreements <b>LLB</b> Loan Details <b>LLC</b> Long Term Debt Description <b>LOC</b> Location Description Information <b>LOI</b> Loading Instructions <b>LSD</b> Legal Structure Details <b>MCD</b> Marital Contract Details <b>MDO</b> Device Operator Description <b>MED</b> Medications <b>MFG</b> Manufacturing Instructions <b>MKN</b> Marketing Notes <b>MMD</b> Merger Description <b>MSD</b> Marketable Securities Description <b>NCD</b> Nonconformance Specification <b>NPD</b> Nameplate Data <b>NTR</b> Nutritional Requirements <b>OBI</b> Originator to Beneficiary Instructions <b>OBL</b> Obligation Description <b>OCA</b> Other Current Asset Description <b>OCC</b> Occupancy Information <b>OCL</b> Other Current Liability Description <b>OCP</b> Occupation <b>OCR</b> Outside the Continental U.S. (OCONUS) Rating Information <b>ODT</b> Orders for Disciplines and Treatments <b>OLS</b> Original Legal Structure <b>OPO</b> Occupation Definition

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Standard		Implementation	
Tag	Name	St Format	Usage / Remark
			<b>ORA</b> Test Results Other Than Room Air <b>ORE</b> Other Remedial Action <b>ORI</b> Order Instructions <b>OTH</b> Other Instructions <b>OTN</b> Another Type of Number Description <b>OTS</b> Report Source Description <b>PAY</b> Payables <b>PCS</b> Process Specification <b>PDS</b> Product Specification <b>PED</b> Employee Sharing Arrangements <b>PEN</b> Penalty Description <b>PES</b> Partial Pressure of Oxygen (PO2) is 60 millimeters (MM) of Mercury (Hg) or above, or arterial blood oxygen saturation is 90% or above <b>PID</b> Property Improvement Description <b>PKG</b> Packaging Instructions <b>PMT</b> Payment <b>POB</b> Primary Observation <b>POC</b> Principals or Organization Comments <b>POL</b> Property Owner Location Information <b>PPC</b> Principal Procedure Code Description <b>PRI</b> Priority <b>PRN</b> Public Record Notes <b>PRO</b> Previous Registered Office <b>PRR</b> Price Range <b>PSY</b> Problem Summary <b>PUR</b> Purchasing <b>QUL</b> Qualifications <b>QUT</b> Quotation Instruction <b>RDI</b> Reason for Delinquency Information <b>REC</b> Recommendation <b>REG</b> Registered Activity <b>REP</b> Report <b>REV</b> Receivables <b>RFL</b> Reason for Leaving <b>RHB</b> Functional Limitations, Reason Homebound, or Both <b>RLA</b> Reason for Leave of Absence <b>RLH</b> Reasons Patient Leaves Home <b>RNH</b> Times and Reasons Patient Not at Home <b>RNI</b> Missing Report Explanation <b>ROU</b> Circuit Routing Instructions <b>RPT</b> Report Remarks <b>RST</b> Place Where a Report was Submitted <b>RVC</b> Rent Verification Comments <b>SAN</b> Settlement Amount Notes <b>SCN</b> Ocean Shipping Container Information <b>SDD</b> Sentence Description <b>SET</b> Unusual Home, Social Environment, or Both <b>SFM</b> Safety Measures <b>SMD</b> Selling Means Description <b>SOB</b> Secondary Observation <b>SOW</b> Statement of Work <b>SPH</b> Special Handling <b>SPT</b> Supplementary Plan of Treatment <b>SPV</b> Closing Instructions <b>SSA</b> School Attended Details

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				<b>SSC</b> Status Comment <b>SSD</b> Sales Description <b>SSE</b> Spouse Information <b>SSG</b> School Graduated Details <b>SSH</b> Security Service Information <b>SSI</b> Shareholding Information <b>SSS</b> Signing Authority <b>SST</b> Sales Territory <b>TAF</b> Tariff Abbreviation <b>TCF</b> Tariff Commodity Footnotes <b>TDA</b> Turkish Defense Affairs Authorization Information <b>TES</b> Task Statement <b>TIL</b> Tariff Index <b>TLF</b> Tariff Rule <b>TLR</b> Tradeline Remarks <b>TPO</b> Third Party Organization Notes <b>TRA</b> Transportation <b>TRE</b> Reportable Event Description <b>TRF</b> Tariff Rate Footnotes <b>TRS</b> Quality Information <b>TSD</b> Terms of Sale Description <b>TSF</b> Tariff Section Footnotes <b>TST</b> Test Results <b>UPI</b> Updated Information <b>VEC</b> Verification Comments <b>VNN</b> Variation Notes <b>WHI</b> Warehouse Instruction <b>WRP</b> Wrapping Instructions <b>ZZZ</b> Mutually Defined
352	Description	M AN 1/80	M AN 1/80	

Segment Remarks:

General Notes

NOTES OR INSTRUCTIONS

Example:

NTE\*AAA\*NOTE OR INSTRUCTION~

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Counter	No	Tag	St	MaxOcc	Level	Name
0140		0100	O	5	1	N1-N3-N4-L11-G61
0140	12	N1	M	1	1	Name

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	<b>List of valid codes</b> <b>BT</b> Bill-to-Party <b>CA</b> Carrier <b>CI</b> Consignor <b>CN</b> Consignee <b>CS</b> Consolidator <b>FW</b> Forwarder <b>HA</b> Owner <b>N1</b> Notify Party no. 1 <b>PW</b> Pick Up Address <b>SF</b> Ship From <b>SH</b> Shipper <b>ST</b> Ship To
93	Name	C AN 1/60	C AN 1/60	<b>General Notes</b> PARTY NAME  Required if element 98 is provided
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> IDENTIFICATION CODE QUALIFIER  Required if element 67 is provided  <b>List of valid codes</b> <b>93</b> Code assigned by the organization originating the transaction set <b>94</b> Code assigned by the organization that is the ultimate destination of the transaction set <b>97</b> Receiver's Code
67	Identification Code	C AN 2/80	C AN 2/80	<b>General Notes</b> IDENTIFICATION CODE  Required if element 66 is provided
706	Entity Relationship Code	O ID 2/2	N	
98	Entity Identifier Code	O ID 2/3	N	

Segment Remarks:

**General Notes**  
PARTY NAME

Example:

N1\*BT\*PARTY NAME\*93\*PTYID~

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Counter	No	Tag	St	MaxOcc	Level	Name
0140		0100	O	5	1	N1-N3-N4-L11-G61
0160	13	N3	O	2	2	Address Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N3				
166	Address Information	M AN 1/55	M AN 1/55	
166	Address Information	O AN 1/55	O AN 1/55	

Segment Remarks:  
General Notes  
PARTY ADDRESS

Example:  
N3\*ADDR LINE 1\*ADDR LINE 2~



Counter	No	Tag	St	MaxOcc	Level	Name
0140		0100	O	5	1	N1-N3-N4-L11-G61
0170	14	N4	O	1	2	Geographic Location

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	O ID 2/2	O ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	O ID 2/3	O ID 2/3	
309	Location Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> LOCATION QUALIFIER  Required if element 310 is provided  <b>List of valid codes</b> <b>UN</b> United Nations Location Code (UNLOCODE)
310	Location Identifier	O AN 1/30	O AN 1/30	<b>General Notes</b> LOCATION IDENTIFIER  Required if element 309 is provided

**Segment Remarks:**  
**General Notes**  
PARTY GEOGRAFIC LOCATION

**Example:**  
N4\*CITY\*ST\*ZIP\*US\*UN\*USMIA~





Counter	No	Tag	St	MaxOcc	Level	Name
0140		0100	O	5	1	N1-N3-N4-L11-G61
0180	15	L11	O	1	2	Business Instructions and Reference Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L11				
127	Reference Identification	C AN 1/30	C AN 1/30	<b>General Notes</b> REFERENCE IDENTIFICATION  Required if element 128 is provided
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	<b>General Notes</b> REFERENCE IDENTIFICATION QUALIFIER  Required if element 127 is provided  <b>List of valid codes</b>  4P Affiliation Number ACD Class Code BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice) DJ Delivery Ticket Number IA Internal Vendor Number IL Internal Order Number JB Job (Project) Number LT Lot Number MB Master Bill of Lading PO Purchase Order Number QN Stop Sequence Number SCA Standard Carrier Alpha Code (SCAC) SI Shipper's Identifying Number for Shipment (SID) SL Sales/Territory Code SO Shipper's Order (Invoice Number) ST Store Number WU Vessel
352	Description	C AN 1/80	N	

Segment Remarks:  
General Notes  
PARTY REFERENCES

Example:  
L11\*PARTYREF\*CN~



Counter	No	Tag	St	MaxOcc	Level	Name
0140		0100	O	5	1	N1-N3-N4-L11-G61
0190	16	G61	O	3	2	Contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G61				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>General Notes</b> All valid X12 values  <b>List of valid codes</b>  <b>BI</b> Bill Inquiry Contact <b>DC</b> Delivery Contact <b>SH</b> Shipper Contact
93	Name	M AN 1/60	M AN 1/60	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> COMMUNICATION NUMBER QUALIFIER  Required if element 364 is provided  <b>List of valid codes</b>  <b>CP</b> Cellular Phone <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone
364	Communication Number	C AN 1/80	C AN 1/80	<b>General Notes</b> COMMUNICATION NUMBER  Required if element 365 is provided
443	Contact Inquiry Reference	O AN 1/20	N	

**Segment Remarks:**  
**General Notes**  
PARTY CONTACT DETAILS

**Example:**  
G61\*BI\*CONTACT NAME\*CP\*1~202-5551234~



Counter	No	Tag	St	MaxOcc	Level	Name
0200		0200	O	10	1	N7-N7A-M7
0200	17	N7	M	1	1	Equipment Details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N7				
206	Equipment Initial	O AN 1/4	O AN 1/4	
207	Equipment Number	M AN 1/10	M AN 1/10	
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT Required if element 187 is provided
187	Weight Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> WEIGHT QUALIFIER  Required if element 81 is provided <b>List of valid codes</b> <b>G</b> Gross Weight
167	Tare Weight	C NO 3/8	C NO 3/8	
232	Weight Allowance	O NO 2/6	N	
205	Dunnage	O NO 1/6	N	
183	Volume	C R 1/8	C R 1/8	<b>General Notes</b> VOLUME  Required if element 184 is provided
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is provided <b>List of valid codes</b> <b>E</b> Cubic Feet <b>X</b> Cubic Meters
102	Ownership Code	O ID 1/1	N	
40	Equipment Description Code	O ID 2/2	O ID 2/2	<b>List of valid codes</b> <b>CN</b> Container
140	Standard Carrier Alpha Code	O ID 2/4	N	
319	Temperature Control	O AN 3/6	O AN 3/6	
219	Position	O AN 1/3	N	
567	Equipment Length	O NO 4/5	O NO 4/5	
571	Tare Qualifier Code	C ID 1/1	N	
188	Weight Unit Code	O ID 1/1	O ID 1/1	<b>List of valid codes</b> <b>K</b> Kilograms <b>L</b> Pounds
761	Equipment Number Check Digit	O NO 1/1	O NO 1/1	

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
56	Type of Service Code	O ID 2/2	N	
65	Height	O R 1/8	O R 1/8	
189	Width	O R 1/8	O R 1/8	
24	Equipment Type	O ID 4/4	O ID 4/4	<b>General Notes</b> ISO Container type
140	Standard Carrier Alpha Code	O ID 2/4	N	
301	Car Type Code	O ID 1/4	N	

Segment Remarks:

General Notes

EQUIPMENT DETAILS

Example:

N7\*ABCD\*123456\*200.02\*G\*100\*\*\*20.02\*E\*\*CN\*\*10F\*\*5300\*\*K\*7\*\*1.2\*1.5\*22G1~

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Counter	No	Tag	St	MaxOcc	Level	Name
0200		0200	O	10	1	N7-N7A-M7
0203	18	N7A	O	1	2	Accessorial Equipment Details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N7A				
1042	Load or Device Code	O ID 2/2	O ID 2/2	<div>List of valid codes<div>ACAir Compressor</div><div>BLBlower</div><div>BSBlower, Stainless Steel</div><div>NPNon Preload (DSV specific)</div><div>PLPreload (DSV specific)</div><div>PS Pump, Stainless Steel</div><div>PUPump</div></div>
82	Length	O R 1/8	N	
1043	Diameter	O R 1/2	N	
1044	Hose Type Code	O ID 3/3	N	
1043	Diameter	O R 1/2	N	
1043	Diameter	O R 1/2	N	
1045	Inlet or Outlet Material Type Code	O ID 2/2	N	
1046	Inlet or Outlet Fitting Type Code	O ID 2/2	N	
1047	Miscellaneous Equipment Code	O ID 2/2	N	

Segment Remarks:

General Notes

ACCESSORIAL EQUIPMENT DETAILS

Example:

N7A\*AC~

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Counter	No	Tag	St	MaxOcc	Level	Name
0200		0200	O	10	1	N7-N7A-M7
0210	19	M7	O	2	2	Seal Numbers

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
M7				
225	Seal Number	M AN 2/15	M AN 2/15	
225	Seal Number	O AN 2/15	O AN 2/15	
225	Seal Number	O AN 2/15	O AN 2/15	
225	Seal Number	O AN 2/15	N	
98	Entity Identifier Code	O ID 2/3	N	

Segment Remarks:

General Notes

SEAL NUMBERS

Example:

M7\*SEAL1\*SEAL2\*SEAL3~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0010	20	S5	M	1	1	Stop Off Details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
S5				
165	Stop Sequence Number	M N0 1/3	M N0 1/3	
163	Stop Reason Code	M ID 2/2	M ID 2/2	<b>List of valid codes</b> <b>AL</b> Advance Loading <b>CL</b> Complete <b>CN</b> Consolidate <b>CU</b> Complete Unload <b>DR</b> Deramp and Ramp for Subsequent Loading <b>DT</b> Drop Trailer <b>HT</b> Heat the Shipment <b>IN</b> Inspection <b>LD</b> Load <b>LE</b> Spot for Load Exchange (Export) <b>PA</b> Pick-up Pre-loaded Equipment <b>PL</b> Part Load <b>PU</b> Part Unload <b>RT</b> Retrieval of Trailer <b>SL</b> Spot for Load <b>SU</b> Spot for Unload <b>TL</b> Transload <b>UL</b> Unload <b>WL</b> Weigh Loaded
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 188 is provided
188	Weight Unit Code	C ID 1/1	C ID 1/1	<b>General Notes</b> WEIGHT UNIT  Required if element 81 is provided <b>List of valid codes</b> <b>E</b> Metric Ton <b>G</b> Grams <b>K</b> Kilograms <b>L</b> Pounds <b>M</b> Measurement Ton <b>O</b> Ounces <b>S</b> Short Ton <b>T</b> Long Ton
382	Number of Units Shipped	C R 1/10	C R 1/10	<b>General Notes</b> NUMBER OF UNITS SHIPPED  Required if element 355 is provided

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
355	Unit or Basis for Measurement Code	C ID 2/2	C ID 2/2	<p><b>General Notes</b></p> <p>UNIT OF MEASUREMENT</p> <p>All X12 valid codes</p> <p>Required if element 382 is provided</p> <p><b>List of valid codes</b></p> <p><b>PC</b> Piece</p> <p><b>16</b> 115 Kilogram Drum</p> <p><b>17</b> 100 Pound Drum</p> <p><b>18</b> 55 Gallon Drum</p> <p><b>19</b> Tank Truck</p> <p><b>20</b> 20 Foot Container</p> <p><b>21</b> 40 Foot Container</p> <p><b>43</b> Super Bulk Bag</p> <p><b>44</b> 500 Kilogram Bulk Bag</p> <p><b>45</b> 300 Kilogram Bulk Bag</p> <p><b>46</b> 25 Kilogram Bulk Bag</p> <p><b>47</b> 50 Pound Bag</p> <p><b>48</b> Bulk Car Load</p> <p><b>95</b> 20,000 Gallon Tankcar</p> <p><b>96</b> 10,000 Gallon Tankcar</p> <p><b>97</b> 10 Kilogram Drum</p> <p><b>98</b> 15 Kilogram Drum</p> <p><b>1N</b> Count</p> <p><b>1P</b> Tank Car</p> <p><b>2W</b> Bin</p> <p><b>4A</b> Bobbin</p> <p><b>4E</b> 20-Pack</p> <p><b>4F</b> 100-Pack</p> <p><b>AB</b> Bulk Pack</p> <p><b>AS</b> Assortment</p> <p><b>B4</b> Barrel, Imperial</p> <p><b>B7</b> Cycles</p> <p><b>BA</b> Bale</p> <p><b>BB</b> Base Box</p> <p><b>BC</b> Bucket</p> <p><b>BD</b> Bundle</p> <p><b>BE</b> Beam</p> <p><b>BG</b> Bag</p> <p><b>BN</b> Bulk</p> <p><b>BR</b> Barrel</p> <p><b>BS</b> Basket</p> <p><b>BU</b> Bushel</p> <p><b>BV</b> Bushel, Dry Imperial</p> <p><b>BX</b> Box</p> <p><b>C4</b> Carload</p> <p><b>CA</b> Case</p> <p><b>CH</b> Container</p> <p><b>CP</b> Crate</p> <p><b>CT</b> Carton</p> <p><b>CX</b> Coil</p> <p><b>DR</b> Drum</p> <p><b>EA</b> Each</p> <p><b>GD</b> Gross Barrels</p>

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used





Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				<b>HB</b> Hundred Boxes <b>HC</b> Hundred Count <b>KE</b> Keg <b>KT</b> Kit <b>PA</b> Pail <b>PF</b> Pallet (Lift) <b>PH</b> Pack (PAK) <b>PK</b> Package <b>PL</b> Pallet/Unit Load <b>RL</b> Roll <b>SJ</b> Sack <b>SV</b> Skid <b>TB</b> Tube <b>TK</b> Tank <b>UN</b> Unit <b>Z2</b> Chest <b>Z3</b> Cask
183	Volume	C R 1/8	C R 1/8	<b>General Notes</b> VOLUME  Required if element 184 is provided
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is provided  <b>List of valid codes</b> <b>C</b> Cubic Centimeters <b>E</b> Cubic Feet <b>N</b> Cubic Inches <b>X</b> Cubic Meters
352	Description	O AN 1/80	N	
154	Standard Point Location Code	O ID 6/9	N	
190	Accomplish Code	O ID 1/1	N	

**Segment Remarks:****General Notes**

STOP OFF DETAILS

**Example:**

S5\*1\*LD\*10.01\*K\*5\*PC\*1.2\*C~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0020	21	L11	O	50	2	Business Instructions and Reference Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L11				
127	Reference Identification	C AN 1/30	C AN 1/30	<b>General Notes</b> REFERENCE IDENTIFICATION  Required if element 128 is provided
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	<b>General Notes</b> REFERENCE IDENTIFICATION QUALIFIER  Required if element 127 is provided  <b>List of valid codes</b>  4P Affiliation Number ACD Class Code BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice) DJ Delivery Ticket Number IA Internal Vendor Number IL Internal Order Number MB Master Bill of Lading PO Purchase Order Number QN Stop Sequence Number SI Shipper's Identifying Number for Shipment (SID) SO Shipper's Order (Invoice Number)
352	Description	C AN 1/80	N	

Segment Remarks:

General Notes  
REFERENCES

Example:

L11\*REF\*BM~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0030	22	G62	O	2	2	Date/Time

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G62				
432	Date Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> DATE QUALIFIER  Required if element 373 is provided  <b>List of valid codes</b>  10 Requested Ship Date/Pick-up Date 17 Estimated Delivery Date 37 Ship Not Before Date 38 Ship Not Later Than Date 53 Deliver Not Before Date 54 Deliver No Later Than Date 64 Must Respond By 69 Scheduled Pick-Up Date 70 Scheduled Delivery Date EP Earliest Pickup Date LP Latest Pickup Date
373	Date	C DT 8/8	C DT 8/8	<b>General Notes</b> DATE  Required if element 432 is provided
176	Time Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> TIME QUALIFIER  Required if element 337 is provided  <b>List of valid codes</b>  1 Must Respond By G Earliest Requested Deliver Time I Earliest Requested Pick Up Time K Latest Requested Pick Up Time L Latest Requested Delivery Time ED Earliest Delivery Time EP Earliest Pickup Time LD Latest Delivery Time LP Latest Pickup Time
337	Time	C TM 4/8	C TM 4/8	<b>General Notes</b> TIME  Required if element 176 is provided
623	Time Code	O ID 2/2	N	

**Segment Remarks:**  
**General Notes**  
STOP DATES

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



At least one of 432 or 176 is required

**Example:**  
G62\*10\*20240901\*K\*1107~



Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0040	23	AT8	O	1	2	Shipment Weight, Packaging and Quantity Data

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
AT8				
187	Weight Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> WEIGHT QUALIFIER  Required if element 188 is present  <b>List of valid codes</b> <b>G</b> Gross Weight <b>N</b> Actual Net Weight
188	Weight Unit Code	C ID 1/1	C ID 1/1	<b>General Notes</b> WEIGHT UNIT  Required if element 187 is present  <b>List of valid codes</b> <b>G</b> Grams <b>K</b> Kilograms <b>L</b> Pounds <b>O</b> Ounces
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 187 is present
80	Lading Quantity	O NO 1/7	O NO 1/7	
80	Lading Quantity	O NO 1/7	O NO 1/7	
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is present  <b>List of valid codes</b> <b>C</b> Cubic Centimeters <b>E</b> Cubic Feet <b>N</b> Cubic Inches <b>X</b> Cubic Meters
183	Volume	C R 1/8	C R 1/8	<b>General Notes</b> VOLUME  Required if element 184 is present

**Segment Remarks:**  
**General Notes**  
SHIPMENT WEIGHT, PACKAGING AND QUANTITY DATA

**Example:**

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



AT8\*G\*L\*10.01\*0\*5\*E\*0.5~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0050	24	LAD	O	999	2	Lading Detail

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LAD				
211	Packaging Form Code	C ID 3/3	C ID 3/3	<b>General Notes</b> PACKAGING FORM CODE  All valid X12 codes  Required if element 80 is present
80	Lading Quantity	C NO 1/7	C NO 1/7	<b>General Notes</b> LADING QUANTITY  Required if element 211 is present
188	Weight Unit Code	C ID 1/1	N	
395	Unit Weight	C R 1/8	N	
188	Weight Unit Code	C ID 1/1	C ID 1/1	<b>General Notes</b> WEIGHT UNIT  Required if element 81 is present  <b>List of valid codes</b>  <b>G</b> Grams <b>K</b> Kilograms <b>L</b> Pounds <b>O</b> Ounces
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 188 is present
235	Product/Service ID Qualifier	C ID 2/2	N	
234	Product/Service ID	C AN 1/48	N	
235	Product/Service ID Qualifier	C ID 2/2	N	
234	Product/Service ID	C AN 1/48	N	
235	Product/Service ID Qualifier	C ID 2/2	N	
234	Product/Service ID	C AN 1/48	N	
79	Lading Description	O AN 1/50	O AN 1/50	

Segment Remarks:

General Notes

LADING DETAIL

Example:

LAD\*AMM\*2\*\*\*L\*1.2\*\*\*\*\*LADING DESCR~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0060	25	AT5	O	6	2	Bill of Lading Handling Requirements

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
AT5				
152	Special Handling Code	C ID 2/3	C ID 2/3	<div>List of valid codes<div>DMDomestic</div><div>LTLess Than Full Carload</div><div>LTTLess Than Truckload</div></div>
560	Special Services Code	C ID 2/10	C ID 2/10	<div>List of valid codes<div>H1Temperature Protection</div></div>
153	Special Handling Description	C AN 2/30	N	

Segment Remarks:  
General Notes  
HANDLING REQUIREMENTS

Example:  
AT5\*DM\*H1~





Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0063	26	PLD	O	1	2	Pallet Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PLD				
406	Quantity of Pallets Shipped	M N0 1/3	M N0 1/3	
399	Pallet Exchange Code	O ID 1/1	N	
188	Weight Unit Code	C ID 1/1	N	
81	Weight	C R 1/10	N	

Segment Remarks:

General Notes

PALLET INFORMATION

Example:

PLD\*9~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0010		0300	M	999	1	S5-L11-G62-AT8-LAD-AT5-PLD-NTE-0310-0320-0350
0065	27	NTE	O	20	2	Note/Special Instruction

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NTE				
363	Note Reference Code	O ID 3/3	O ID 3/3	General Notes All valid X12 codes
352	Description	M AN 1/80	M AN 1/80	

Segment Remarks:  
General Notes  
NOTE/SPECIAL INSTRUCTION

Example:  
NTE\*AAA\*NOTE OR SPECIAL INSTR~



Counter	No	Tag	St	MaxOcc	Level	Name
0070		0310	O	1	2	N1-N3-N4-G61
0070	28	N1	M	1	2	Name

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N1				
98	Entity Identifier Code	M ID 2/3	M ID 2/3	<b>List of valid codes</b> <b>BT</b> Bill-to-Party <b>CA</b> Carrier <b>CI</b> Consignor <b>CN</b> Consignee <b>CS</b> Consolidator <b>FW</b> Forwarder <b>HA</b> Owner <b>N1</b> Notify Party no. 1 <b>PW</b> Pick Up Address <b>SF</b> Ship From <b>SH</b> Shipper <b>ST</b> Ship To
93	Name	C AN 1/60	C AN 1/60	<b>General Notes</b> PARTY NAME  Required if element 98 is provided
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> IDENTIFICATION CODE QUALIFIER  Required if element 67 is provided  <b>List of valid codes</b> <b>93</b> Code assigned by the organization originating the transaction set <b>94</b> Code assigned by the organization that is the ultimate destination of the transaction set <b>97</b> Receiver's Code
67	Identification Code	C AN 2/80	C AN 2/80	<b>General Notes</b> IDENTIFICATION CODE  Required if element 66 is provided
706	Entity Relationship Code	O ID 2/2	N	
98	Entity Identifier Code	O ID 2/3	N	

Segment Remarks:

**General Notes**  
PARTY NAME

Example:

N1\*SH\*PARTY NAME\*93\*PTYID~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0070		0310	O	1	2	N1-N3-N4-G61
0090	29	N3	O	2	3	Address Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N3				
166	Address Information	M AN 1/55	M AN 1/55	
166	Address Information	O AN 1/55	O AN 1/55	

Segment Remarks:

General Notes

PARTY ADDRESS

Example:

N3\*ADDR LINE1\*ADDR LINE2~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
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St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0070		<b>0310</b>	O	1	2	<b>N1-N3-N4-G61</b>
0100	30	<b>N4</b>	O	1	3	<b>Geographic Location</b>

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N4				
19	City Name	O AN 2/30	O AN 2/30	
156	State or Province Code	O ID 2/2	O ID 2/2	
116	Postal Code	O ID 3/15	O ID 3/15	
26	Country Code	O ID 2/3	O ID 2/3	
309	Location Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> LOCATION QUALIFIER  Required if element 310 is provided  <b>List of valid codes</b> <b>UN</b> United Nations Location Code (UNLOCODE)
310	Location Identifier	O AN 1/30	O AN 1/30	<b>General Notes</b> LOCATION IDENTIFIER  Required if element 309 is provided

**Segment Remarks:**  
**General Notes**  
 PARTY GEOGRAFIC LOCATION

**Example:**  
 N4\*CITY\*ST\*ZIP\*US\*UN\*USMIA~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0070		0310	O	1	2	N1-N3-N4-G61
0120	31	G61	O	3	3	Contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G61				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>General Notes</b> All valid X12 values  <b>List of valid codes</b>  <b>BI</b> Bill Inquiry Contact <b>DC</b> Delivery Contact <b>SH</b> Shipper Contact
93	Name	M AN 1/60	M AN 1/60	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> COMMUNICATION NUMBER QUALIFIER  Required if element 364 is provided  <b>List of valid codes</b>  <b>CP</b> Cellular Phone <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone
364	Communication Number	C AN 1/80	C AN 1/80	<b>General Notes</b> COMMUNICATION NUMBER  Required if element 365 is provided
443	Contact Inquiry Reference	O AN 1/20	N	

**Segment Remarks:**  
**General Notes**  
PARTY CONTACT DETAILS

**Example:**  
G61\*SH\*CONTACT NAME\*CP\*1~202-5551234~



Counter	No	Tag	St	MaxOcc	Level	Name
0130		0320	O	99	2	L5-AT8-0325
0130	32	L5	M	1	2	Description, Marks and Numbers

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L5				
213	Lading Line Item Number	O N0 1/3	O N0 1/3	
79	Lading Description	O AN 1/50	O AN 1/50	
22	Commodity Code	C AN 1/30	C AN 1/30	
23	Commodity Code Qualifier	C ID 1/1	N	
103	Packaging Code	O AN 3/5	O AN 3/5	<b>General Notes</b> All valid X12 values
87	Marks and Numbers	C AN 1/48	C AN 1/48	<b>General Notes</b> MARKS AND NUMBERS  Required if element 88 is present
88	Marks and Numbers Qualifier	O ID 1/2	O ID 1/2	<b>List of valid codes</b> <b>W</b> Pallet Number
23	Commodity Code Qualifier	C ID 1/1	N	
22	Commodity Code	C AN 1/30	N	
595	Compartment ID Code	O ID 1/1	N	

**Segment Remarks:**  
**General Notes**  
DESCRIPTION, MARKS AND NUMBERS

**Example:**  
L5\*1\*FREIGHT OF ALL KIND\*X\*\*PLT\*123456\*W~



Counter	No	Tag	St	MaxOcc	Level	Name
0130		0320	O	99	2	L5-AT8-0325
0135	33	AT8	O	1	3	Shipment Weight, Packaging and Quantity Data

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
AT8				
187	Weight Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> WEIGHT QUALIFIER  Required if element 188 is present  <b>List of valid codes</b> <b>G</b> Gross Weight <b>N</b> Actual Net Weight
188	Weight Unit Code	C ID 1/1	C ID 1/1	<b>General Notes</b> WEIGHT UNIT  Required if element 187 is present  <b>List of valid codes</b> <b>G</b> Grams <b>K</b> Kilograms <b>L</b> Pounds <b>O</b> Ounces
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 187 is present
80	Lading Quantity	O NO 1/7	O NO 1/7	
80	Lading Quantity	O NO 1/7	O NO 1/7	
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is present  <b>List of valid codes</b> <b>C</b> Cubic Centimeters <b>E</b> Cubic Feet <b>N</b> Cubic Inches <b>X</b> Cubic Meters
183	Volume	C R 1/8	C R 1/8	<b>General Notes</b> VOLUME  Required if element 184 is present

**Segment Remarks:**  
**General Notes**  
SHIPMENT WEIGHT, PACKAGING AND QUANTITY DATA

**Example:**

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
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AT8\*G\*L\*5.1\*9\*9\*E\*0.5~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0140		0325	O	99	3	G61-0330
0140	34	G61	M	1	3	Contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G61				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>General Notes</b> All valid X12 codes
93	Name	M AN 1/60	M AN 1/60	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> COMMUNICATION NUMBER QUALIFIER  Required if element 364 is provided  <b>List of valid codes</b> <b>CP</b> Cellular Phone <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone
364	Communication Number	C AN 1/80	C AN 1/80	<b>General Notes</b> COMMUNICATION NUMBER  Required if element 365 is provided
443	Contact Inquiry Reference	O AN 1/20	N	

Segment Remarks:

General Notes

CONTACT DETAILS

Example:

G61\*EC\*CONTACT NAME\*CP\*1-202-5551234~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0143		<b>0330</b>	O	25	4	LH1-LH2-LH3-LFH
0143	35	<b>LH1</b>	M	1	4	Hazardous Identification Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LH1				
355	Unit or Basis for Measurement Code	M ID 2/2	M ID 2/2	<b>General Notes</b> All valid X12 codes
80	Lading Quantity	M NO 1/7	M NO 1/7	
277	UN/NA Identification Code	O ID 6/6	O ID 6/6	
200	Hazardous Materials Page	O AN 1/6	N	
22	Commodity Code	O AN 1/30	N	
355	Unit or Basis for Measurement Code	O ID 2/2	N	
380	Quantity	O R 1/15	N	
595	Compartment ID Code	O ID 1/1	N	
665	Residue Indicator Code	O ID 1/1	N	
254	Packing Group Code	O ID 1/3	O ID 1/3	
1375	Interim Hazardous Material Regulatory Number	O AN 1/5	N	

**Segment Remarks:**

**General Notes**

HAZARDOUS IDENTIFICATION INFORMATION

**Example:**

LH1\*PK\*9\*UNDGNO\*\*\*\*\*III~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0143		0330	O	25	4	LH1-LH2-LH3-LFH
0144	36	LH2	O	4	5	Hazardous Classification Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LH2				
215	Hazardous Classification	O ID 1/30	O ID 1/30	
983	Hazardous Class Qualifier	O ID 1/1	O ID 1/1	
				List of valid codes
				P Primary
				S Secondary
218	Hazardous Placard Notation	O ID 14/40	N	
222	Hazardous Endorsement	O ID 4/25	N	
759	Reportable Quantity Code	O ID 2/2	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
408	Temperature	C R 1/4	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
408	Temperature	C R 1/4	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
408	Temperature	C R 1/4	N	

Segment Remarks:

General Notes

HAZARDOUS CLASSIFICATION INFORMATION

Example:

LH2\*X\*P~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0143		0330	O	25	4	LH1-LH2-LH3-LFH
0145	37	LH3	O	10	5	Hazardous Material Shipping Name

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LH3				
224	Hazardous Material Shipping Name	C AN 1/25	C AN 1/25	<b>General Notes</b> HAZARDOUS MATERIAL SHIPPING NAME  Required if element 984 is provided
984	Hazardous Material Shipping Name Qualifier	C ID 1/1	C ID 1/1	<b>General NotesGeneral Notes</b> All valid X12 codes HAZARDOUS MATERIAL SHIPPING NAME QUALIFIER  All valid X12 codes  Required if element 224 is provided
985	N.O.S. Indicator Code	O ID 3/3	N	
1073	Yes/No Condition or Response Code	O ID 1/1	N	

**Segment Remarks:**  
**General Notes**  
HAZARDOUS MATERIAL SHIPPING NAME

**Example:**  
LH3\*SHIPPING NAME\*C~



Counter	No	Tag	St	MaxOcc	Level	Name
0143		0330	O	25	4	LH1-LH2-LH3-LFH
0146	38	LFH	O	20	5	Freeform Hazardous Material Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LFH				
808	Hazardous Material Shipment Information Qualifier	M ID 3/3	M ID 3/3	<b>List of valid codes</b> <b>EMS</b> Emergency Schedule (EMS) Page Number <b>LQY</b> "Limited Quantity" Declaration <b>MFA</b> Medical First Aid Guide (MFAG) Page Number <b>MPI</b> Marine Pollutant <b>TEC</b> Technical or Chemical Group Name
809	Hazardous Material Shipment Information	M AN 1/25	M AN 1/25	
809	Hazardous Material Shipment Information	O AN 1/25	O AN 1/25	<b>General Notes</b> Only used for 808="TEC" (Technical Name)
1023	Hazard Zone Code	O ID 1/1	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
380	Quantity	C R 1/15	N	
380	Quantity	O R 1/15	N	

Segment Remarks:

General Notes

FREEFORM HAZARDOUS MATERIAL INFORMATION

Example:

LFH\*EMS\*TECH NAME LINE 1\*TECH NAME LINE 2~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0150		<b>0350</b>	O	999	2	<b>OID-G62-0360</b>
0150	39	<b>OID</b>	M	1	2	<b>Order Identification Detail</b>

Standard			Implementation									
Tag	Name	St Format	St Format	Usage / Remark								
OID												
127	Reference Identification	C AN 1/30	C AN 1/30	<b>General Notes</b> REFERENCE IDENTIFICATION  At least one of element 127 or 324 is required								
324	Purchase Order Number	C AN 1/22	C AN 1/22	<b>General Notes</b> PURCHASE ORDER NUMBER  At least one of element 127 or 324 is required								
127	Reference Identification	O AN 1/30	O AN 1/30	<b>General Notes</b> REFERENCE IDENTIFICATION  Required if element 324 is present								
355	Unit or Basis for Measurement Code	C ID 2/2	C ID 2/2	<b>General Notes</b> UNIT OF MEASURE  All valid X12 codes  Required if element 380 is provided								
380	Quantity	C R 1/15	C R 1/15	<b>General Notes</b> QUANTITY  Required if element 355 is present								
188	Weight Unit Code	C ID 1/1	C ID 1/1	<b>General Notes</b> WEIGHT UNIT  Required if element 81 is present  <b>List of valid codes</b> <table><tr><td><b>G</b></td><td>Grams</td></tr><tr><td><b>K</b></td><td>Kilograms</td></tr><tr><td><b>L</b></td><td>Pounds</td></tr><tr><td><b>O</b></td><td>Ounces</td></tr></table>	<b>G</b>	Grams	<b>K</b>	Kilograms	<b>L</b>	Pounds	<b>O</b>	Ounces
<b>G</b>	Grams											
<b>K</b>	Kilograms											
<b>L</b>	Pounds											
<b>O</b>	Ounces											
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 188 is present								
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is present  <b>List of valid codes</b> <table><tr><td><b>C</b></td><td>Cubic Centimeters</td></tr><tr><td><b>E</b></td><td>Cubic Feet</td></tr><tr><td><b>N</b></td><td>Cubic Inches</td></tr></table>	<b>C</b>	Cubic Centimeters	<b>E</b>	Cubic Feet	<b>N</b>	Cubic Inches		
<b>C</b>	Cubic Centimeters											
<b>E</b>	Cubic Feet											
<b>N</b>	Cubic Inches											

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
183	Volume	C R 1/8	C R 1/8	<b>X</b> Cubic Meters <b>General Notes</b> VOLUME Required if element 183 is present

Segment Remarks:

General Notes

ORDER IDENTIFICATION DETAIL

Example:

OID\*ORDREF\*PONO\*ORDREF\*PC\*9\*L\*1.2\*E\*0.6~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used





Counter	No	Tag	St	MaxOcc	Level	Name
0150		<b>0350</b>	O	999	2	<b>OID-G62-0360</b>
0160	40	<b>G62</b>	O	2	3	<b>Date/Time</b>

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G62				
432	Date Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> DATE QUALIFIER  Required if element 373 is provided  <b>List of valid codes</b> 10 Requested Ship Date/Pick-up Date 17 Estimated Delivery Date 37 Ship Not Before Date 38 Ship Not Later Than Date 53 Deliver Not Before Date 54 Deliver No Later Than Date 64 Must Respond By 69 Scheduled Pick-Up Date 70 Scheduled Delivery Date EP Earliest Pickup Date LP Latest Pickup Date
373	Date	C DT 8/8	C DT 8/8	<b>General Notes</b> DATE  Required if element 432 is provided
176	Time Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> TIME QUALIFIER  Required if element 337 is provided  <b>List of valid codes</b> 0 Original Transaction 1 Must Respond By G Earliest Requested Deliver Time I Earliest Requested Pick Up Time K Latest Requested Pick Up Time L Latest Requested Delivery Time ED Earliest Delivery Time EP Earliest Pickup Time LD Latest Delivery Time LP Latest Pickup Time
337	Time	C TM 4/8	C TM 4/8	<b>General Notes</b> TIME  Required if element 176 is provided
623	Time Code	O ID 2/2	N	

**Segment Remarks:**  
**General Notes**

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



ORDER DATES

At least one of 432 or 176 is required

Example:

G62\*10\*20240901\*0\*1107~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0190		0360	O	99	3	L5-AT8-0365
0190	41	L5	M	1	3	Description, Marks and Numbers

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L5				
213	Lading Line Item Number	O N0 1/3	O N0 1/3	
79	Lading Description	O AN 1/50	O AN 1/50	
22	Commodity Code	C AN 1/30	C AN 1/30	
23	Commodity Code Qualifier	C ID 1/1	C ID 1/1	
				List of valid codes
				Z Mutually defined
103	Packaging Code	O AN 3/5	N	
87	Marks and Numbers	C AN 1/48	C AN 1/48	General Notes
				MARKS AND NUMBERS
				Required if element 88 is present
88	Marks and Numbers Qualifier	O ID 1/2	O ID 1/2	
				List of valid codes
				SM Shipper Assigned
23	Commodity Code Qualifier	C ID 1/1	N	
22	Commodity Code	C AN 1/30	N	
595	Compartment ID Code	O ID 1/1	N	

Segment Remarks:  
General Notes  
DESCRIPTION, MARKS AND NUMBERS

Example:  
L5\*1\*LADING DESCR\*COMMCODE\*Z\*\*M&N\*SM~



Counter	No	Tag	St	MaxOcc	Level	Name
0190		0360	O	99	3	L5-AT8-0365
0195	42	AT8	O	1	4	Shipment Weight, Packaging and Quantity Data

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
AT8				
187	Weight Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> WEIGHT QUALIFIER  Required if element 188 is present  <b>List of valid codes</b> <b>G</b> Gross Weight <b>N</b> Actual Net Weight
188	Weight Unit Code	C ID 1/1	C ID 1/1	<b>General Notes</b> WEIGHT UNIT  Required if element 187 is present  <b>List of valid codes</b> <b>G</b> Grams <b>K</b> Kilograms <b>L</b> Pounds <b>O</b> Ounces
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 187 is present
80	Lading Quantity	O NO 1/7	O NO 1/7	
80	Lading Quantity	O NO 1/7	O NO 1/7	
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is present  <b>List of valid codes</b> <b>C</b> Cubic Centimeters <b>E</b> Cubic Feet <b>N</b> Cubic Inches <b>X</b> Cubic Meters
183	Volume	C R 1/8	C R 1/8	<b>General Notes</b> VOLUME  Required if element 184 is present

**Segment Remarks:**  
**General Notes**  
SHIPMENT WEIGHT, PACKAGING AND QUANTITY DATA

**Example:**

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



AT8\*G\*L\*2.2\*9\*9\*N\*50.05~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0200		0365	O	99	4	G61-0370
0200	43	G61	M	1	4	Contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G61				
366	Contact Function Code	M ID 2/2	M ID 2/2	<b>General Notes</b> All valid X12 codes
93	Name	M AN 1/60	M AN 1/60	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> COMMUNICATION NUMBER QUALIFIER  Required if element 364 is provided  <b>List of valid codes</b> <b>CP</b> Cellular Phone <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone
364	Communication Number	C AN 1/80	C AN 1/80	<b>General Notes</b> COMMUNICATION NUMBER  Required if element 365 is provided
443	Contact Inquiry Reference	O AN 1/20	N	

Segment Remarks:

General Notes  
CONTACT DETAILS

Example:

G61\*EC\*CONTACT NAME\*TE\*1-202-5551234~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0203		0370	O	25	5	LH1-LH2-LH3-LFH
0203	44	LH1	M	1	5	Hazardous Identification Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LH1				
355	Unit or Basis for Measurement Code	M ID 2/2	M ID 2/2	<b>General Notes</b> All valid X12 codes
80	Lading Quantity	M NO 1/7	M NO 1/7	
277	UN/NA Identification Code	O ID 6/6	O ID 6/6	
200	Hazardous Materials Page	O AN 1/6	N	
22	Commodity Code	O AN 1/30	N	
355	Unit or Basis for Measurement Code	O ID 2/2	N	
380	Quantity	O R 1/15	N	
595	Compartment ID Code	O ID 1/1	N	
665	Residue Indicator Code	O ID 1/1	N	
254	Packing Group Code	O ID 1/3	O ID 1/3	
1375	Interim Hazardous Material Regulatory Number	O AN 1/5	N	

Segment Remarks:

General Notes

HAZARDOUS IDENTIFICATION INFORMATION

Example:

LH1\*01\*9\*UNDGNO\*\*\*\*\*III~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0203		0370	O	25	5	LH1-LH2-LH3-LFH
0204	45	LH2	O	4	6	Hazardous Classification Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LH2				
215	Hazardous Classification	O ID 1/30	O ID 1/30	
983	Hazardous Class Qualifier	O ID 1/1	O ID 1/1	
218	Hazardous Placard Notation	O ID 14/40	N	
222	Hazardous Endorsement	O ID 4/25	N	
759	Reportable Quantity Code	O ID 2/2	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
408	Temperature	C R 1/4	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
408	Temperature	C R 1/4	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
408	Temperature	C R 1/4	N	

Segment Remarks:  
General Notes  
HAZARDOUS CLASSIFICATION INFORMATION

Example:  
LH2\*X\*P~





Counter	No	Tag	St	MaxOcc	Level	Name
0203		0370	O	25	5	LH1-LH2-LH3-LFH
0205	46	LH3	O	10	6	Hazardous Material Shipping Name

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LH3				
224	Hazardous Material Shipping Name	C AN 1/25	C AN 1/25	
984	Hazardous Material Shipping Name Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> All valid X12 codes
985	N.O.S. Indicator Code	O ID 3/3	N	
1073	Yes/No Condition or Response Code	O ID 1/1	N	

**Segment Remarks:**  
**General Notes**  
HAZARDOUS MATERIAL SHIPPING NAME

**Example:**  
LH3\*HAZ SHIPPING NAME\*C~



Counter	No	Tag	St	MaxOcc	Level	Name
0203		0370	O	25	5	LH1-LH2-LH3-LFH
0206	47	LFH	O	20	6	Freeform Hazardous Material Information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LFH				
808	Hazardous Material Shipment Information Qualifier	M ID 3/3	M ID 3/3	<b>List of valid codes</b> <b>EMS</b> Emergency Schedule (EMS) Page Number <b>LQY</b> "Limited Quantity" Declaration <b>MFA</b> Medical First Aid Guide (MFAG) Page Number <b>MPI</b> Marine Pollutant <b>TEC</b> Technical or Chemical Group Name
809	Hazardous Material Shipment Information	M AN 1/25	M AN 1/25	
809	Hazardous Material Shipment Information	O AN 1/25	O AN 1/25	<b>General Notes</b> Only used for 808="TEC" (Technical Name)
1023	Hazard Zone Code	O ID 1/1	N	
355	Unit or Basis for Measurement Code	C ID 2/2	N	
380	Quantity	C R 1/15	N	
380	Quantity	O R 1/15	N	

**Segment Remarks:**  
**General Notes**  
FREEFORM HAZARDOUS MATERIAL INFORMATION

**Example:**  
LFH\*TEC\*TECH NAME LINE1\*TECH NAME LINE2~



Counter	No	Tag	St	MaxOcc	Level	Name
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0010 48 **L3** O 1 0 Total Weight and Charges

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
L3				
81	Weight	C R 1/10	C R 1/10	<b>General Notes</b> WEIGHT  Required if element 187 is present
187	Weight Qualifier	C ID 1/2	C ID 1/2	<b>General Notes</b> WEIGHT QUALIFIER  Required if element 81 is present  <b>List of valid codes</b> <b>G</b> Gross Weight
60	Freight Rate	C R 1/9	C R 1/9	<b>General Notes</b> FREIGHT RATE  Required if element 122 is present
122	Rate/Value Qualifier	C ID 2/2	C ID 2/2	<b>General Notes</b> RATE QUALIFIER  Required if element 60 is present
58	Charge	O N2 1/12	O N2 1/12	
191	Advances	O N2 1/9	N	
117	Prepaid Amount	O N2 1/9	N	
150	Special Charge or Allowance Code	O ID 3/3	N	
183	Volume	C R 1/8	C R 1/8	<b>General Notes</b> VOLUME  Required if element 184 is present
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	<b>General Notes</b> VOLUME UNIT  Required if element 183 is present  <b>List of valid codes</b> <b>C</b> Cubic Centimeters <b>E</b> Cubic Feet <b>N</b> Cubic Inches <b>X</b> Cubic Meters
80	Lading Quantity	O N0 1/7	O N0 1/7	
188	Weight Unit Code	O ID 1/1	O ID 1/1	<b>List of valid codes</b> <b>G</b> Grams <b>K</b> Kilograms <b>L</b> Pounds <b>O</b> Ounces

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status  
 EDIFACT: M=Mandatory, C=Conditional  
 User specific: R=Required, O=Optional, D=Dependent,  
 A=Advised, N=Not used



Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
171	Tariff Number	O AN 1/7	O AN 1/7	
74	Declared Value	C N2 2/12	N	
122	Rate/Value Qualifier	C ID 2/2	N	

Segment Remarks:

General Notes

TOTAL WEIGHT AND CHARGES

Example:

L3\*200.02\*G\*9\*AA\*10\*\*\*\*10.5\*E\*9\*L\*TRFNO~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
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0020 49 SE M 1 0 Transaction Set Trailer

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
SE				
96	Number of Included Segments	M N0 1/10	M N0 1/10	
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

Segment Remarks:

General Notes

TRANSACTION SET TRAILER

Example:

SE\*47\*XXXX~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0000 50 **GE** C 1 0 Functional Group Trailer

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GE				
97	Number of Transaction Sets Included	M N0 1/6	M N0 1/6	
28	Group Control Number	M N0 1/9	M N0 1/9	

Segment Remarks:

General Notes

FUNCTIONAL GROUP TRAILER

Example:

GE\*1\*1~

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status  
EDIFACT: M=Mandatory, C=Conditional  
User specific: R=Required, O=Optional, D=Dependent,  
A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0000	51	<b>IEA</b>	M	1	0	Interchange Control Trailer
------	----	------------	---	---	---	-----------------------------

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
IEA				
I16	Number of Included Functional Groups	M N0 1/5	M N0 1/5	
I12	Interchange Control Number	M N0 9/9	M N0 9/9	

**Segment Remarks:**  
**General Notes**  
INTERCHANGE CONTROL TRAILER

**Example:**  
IEA\*1\*999999999~



## Example Message

No	Tag	Example
01	ISA	ISA*00*                  *00*                  *01*XXXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXXX*230601*1107*U*00401*999999999*0*P*:~
02	GS	GS*SM*XX*XX*20240901*1107*1*X*004010~
03	ST	ST*204*XXXX~
04	B2	B2**SCAC**SHIPID**CC*L****CAF~
05	B2A	B2A*00*LT~
06	L11	L11*REF*IA~
07	G62	G62*17*20240901*1*1107~
08	MS3	MS3*SCAC*S**J~
09	AT5	AT5*DM*H1*FINISHED GOODS~
10	PLD	PLD*9~
11	NTE	NTE*AAA*NOTE OR INSTRUCTION~
0100		
12	N1	N1*BT*PARTY NAME*93*PTYID~
13	N3	N3*ADDR LINE 1*ADDR LINE 2~
14	N4	N4*CITY*ST*ZIP*US*UN*USMIA~
15	L11	L11*PARTYREF*CN~
16	G61	G61*BI*CONTACT NAME*CP*1-202-5551234~
0200		
17	N7	N7*ABCD*123456*200.02*G*100***20.02*E**CN**10F**5300**K*7**1.2*1.5*22G1~
18	N7A	N7A*AC~
19	M7	M7*SEAL1*SEAL2*SEAL3~
0300		
20	S5	S5*1*LD*10.01*K*5*PC*1.2*C~
21	L11	L11*REF*BM~
22	G62	G62*10*20240901*K*1107~
23	AT8	AT8*G*L*10.01*0*5*E*0.5~
24	LAD	LAD*AMM*2***L*1.2*****LADING DESCR~
25	AT5	AT5*DM*H1~
26	PLD	PLD*9~
27	NTE	NTE*AAA*NOTE OR SPECIAL INSTR~
0310		
28	N1	N1*SH*PARTY NAME*93*PTYID~
29	N3	N3*ADDR LINE1*ADDR LINE2~

No = Consecutive segment number





No	Tag	Example
30	N4	N4*CITY*ST*ZIP*US*UN*USMIA~
31	G61	G61*SH*CONTACT NAME*CP*1-202-5551234~
	0320	
32	L5	L5*1*FREIGHT OF ALL KIND*X**PLT*123456*W~
33	AT8	AT8*G*L*5.1*9*9*E*0.5~
	0325	
34	G61	G61*EC*CONTACT NAME*CP*1-202-5551234~
	0330	
35	LH1	LH1*PK*9*UNDGNO*****III~
36	LH2	LH2*X*P~
37	LH3	LH3*SHIPPING NAME*C~
38	LFH	LFH*EMS*TECH NAME LINE 1*TECH NAME LINE 2~
	0350	
39	OID	OID*ORDREF*PONO*ORDREF*PC*9*L*1.2*E*0.6~
40	G62	G62*10*20240901*0*1107~
	0360	
41	L5	L5*1*LADING DESCR*COMMCODE*Z**M&N*SM~
42	AT8	AT8*G*L*2.2*9*9*N*50.05~
	0365	
43	G61	G61*EC*CONTACT NAME*TE*1-202-5551234~
	0370	
44	LH1	LH1*01*9*UNDGNO*****III~
45	LH2	LH2*X*P~
46	LH3	LH3*HAZ SHIPPPING NAME*C~
47	LFH	LFH*TEC*TECH NAME LINE1*TECH NAME LINE2~
48	L3	L3*200.02*G*9*AA*10****10.5*E*9*L*TRFNO~
49	SE	SE*47*XXXX~
50	GE	GE*1*1~
51	IEA	IEA*1*999999999~

No = Consecutive segment number