



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

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Structure / Table of Contents

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

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



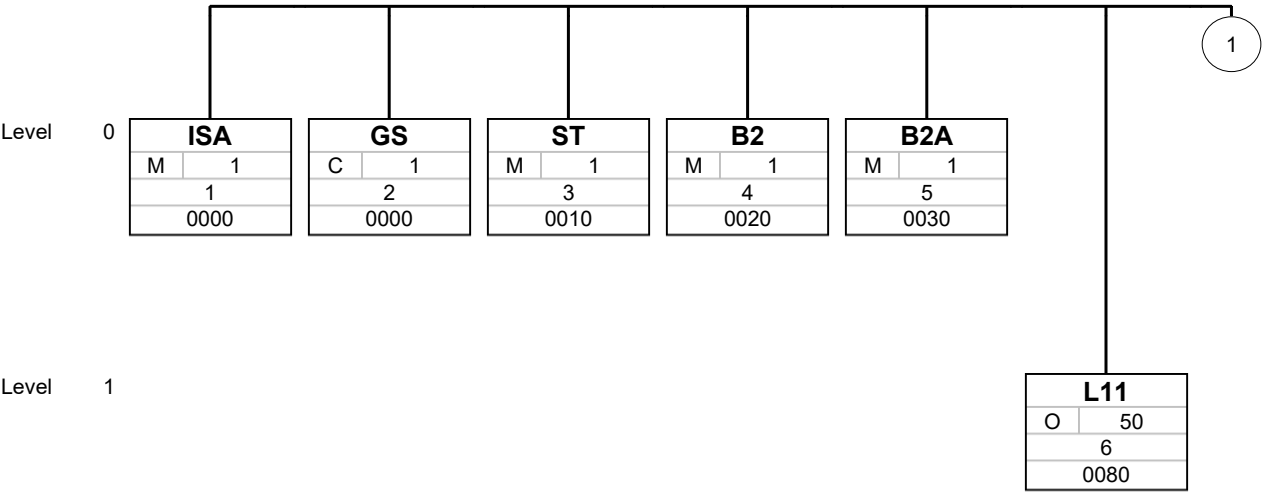
Counter	No	Tag	St	MaxOcc	Level	Content
0140		0325	O	99	3	G61-0330
0140	34	G61	M	1	3	Contact
0143		0330	O	25	4	LH1-LH2-LH3-LFH
0143	35	LH1	M	1	4	Hazardous Identification Information
0144	36	LH2	O	4	5	Hazardous Classification Information
0145	37	LH3	O	10	5	Hazardous Material Shipping Name
0146	38	LFH	O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

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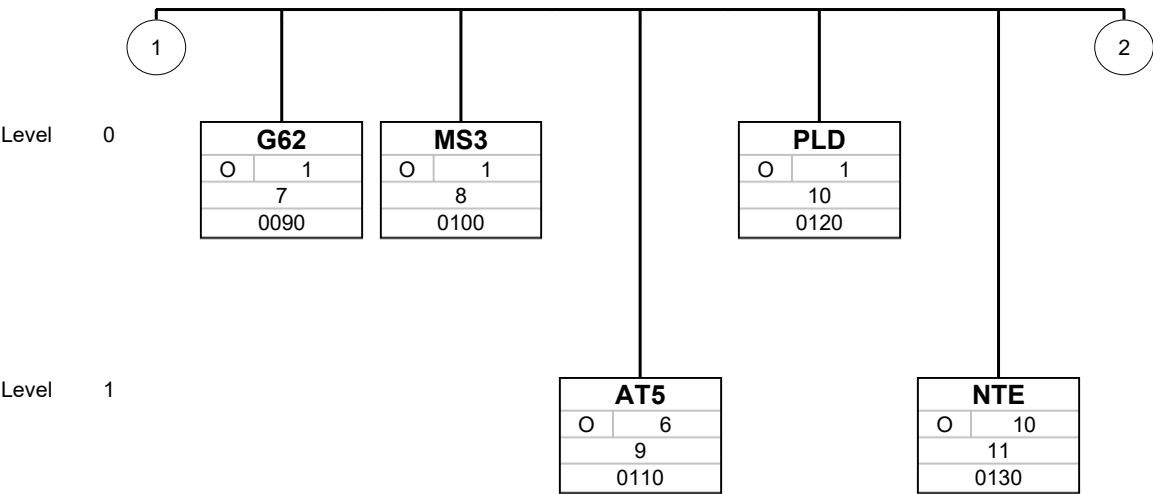
Branching Diagram of Used Segments/Groups



DSV public

Tag
St MaxOcc
No
Counter

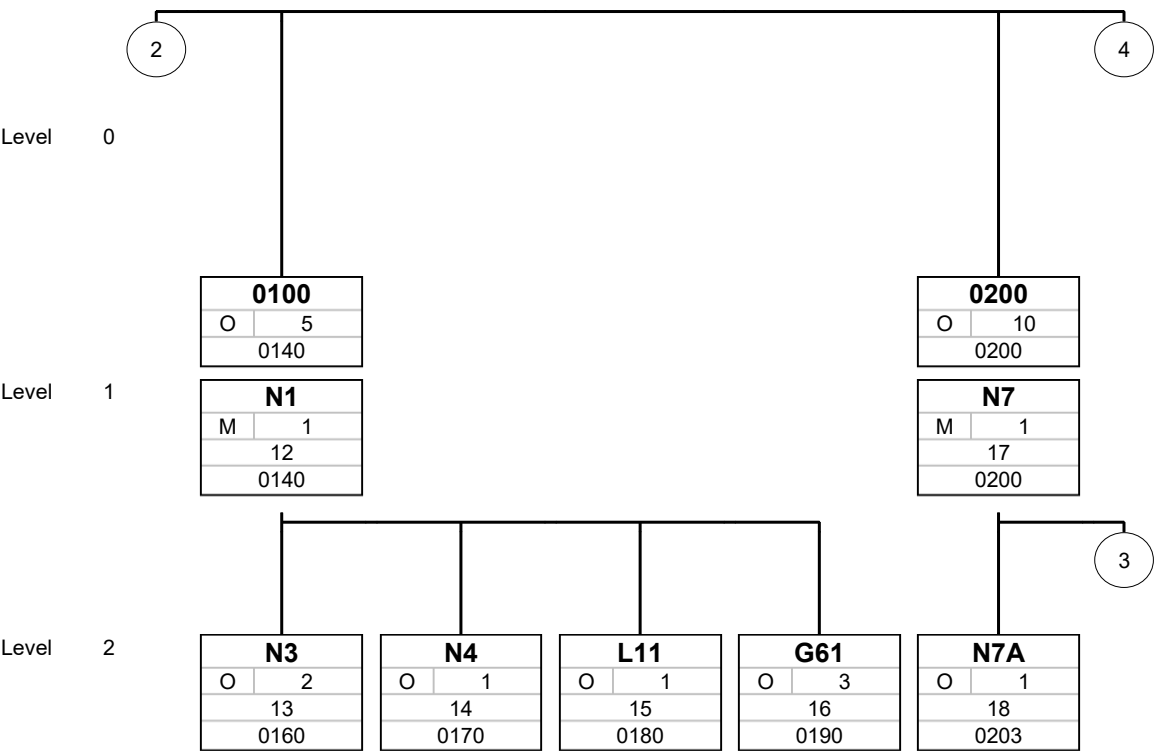
Tag = Segment/Group Tag
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DSV public

Tag	
St	MaxOcc
No	
Counter	

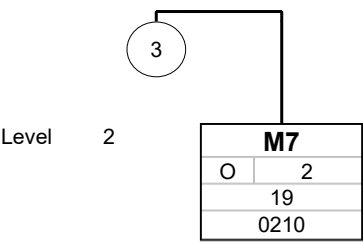
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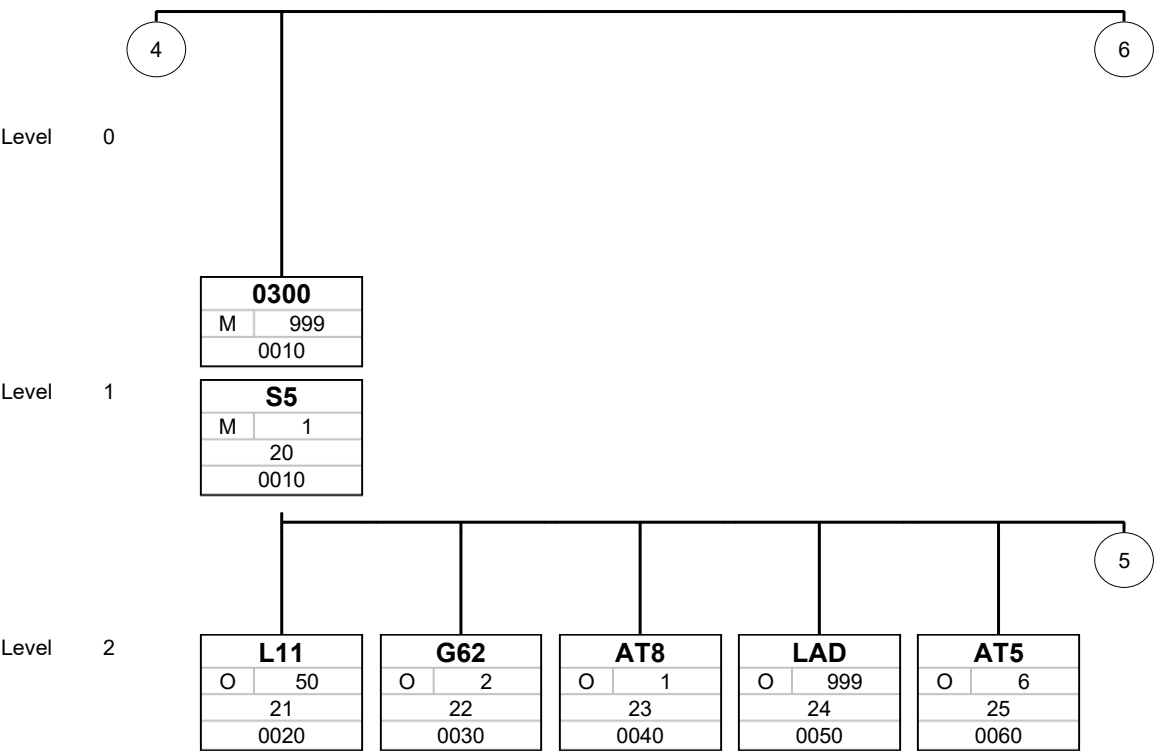
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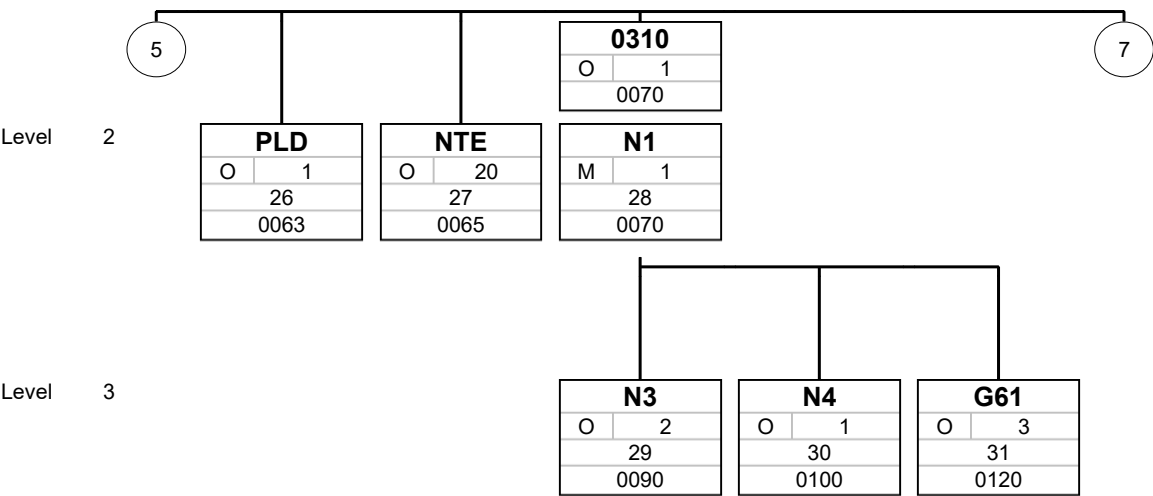
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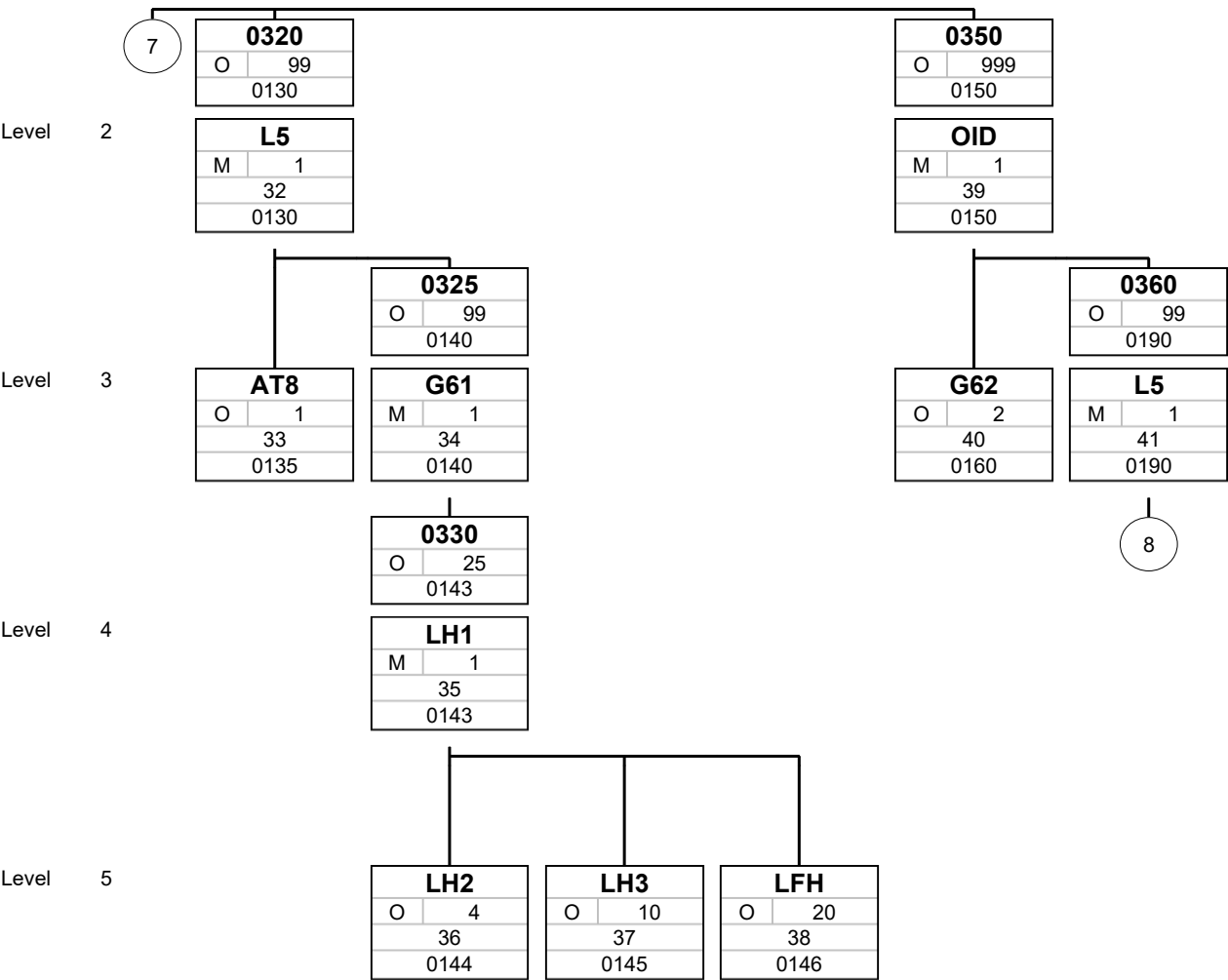
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Counter	

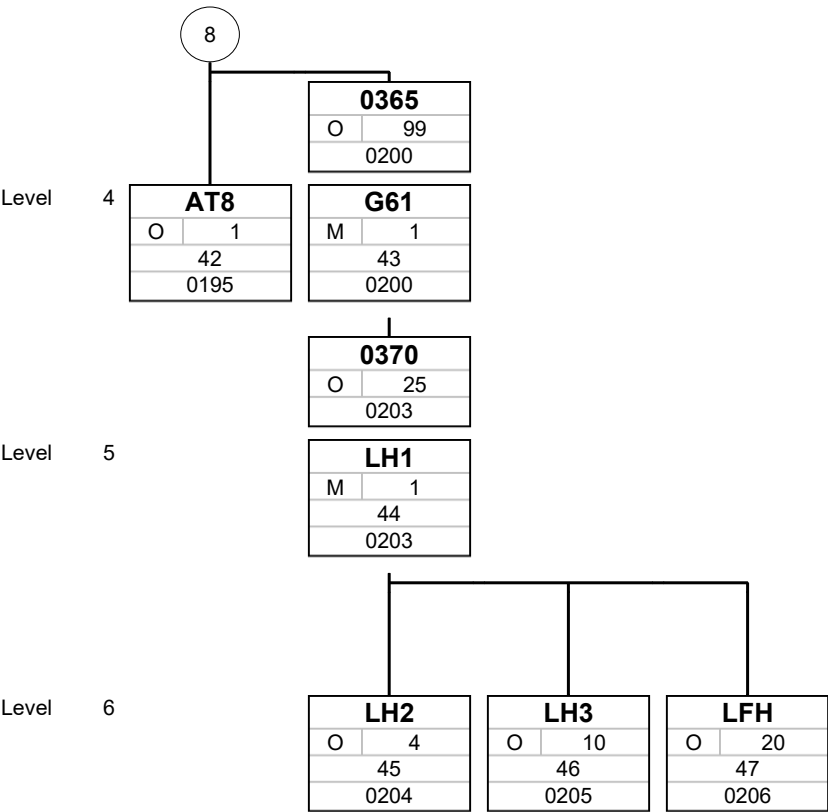
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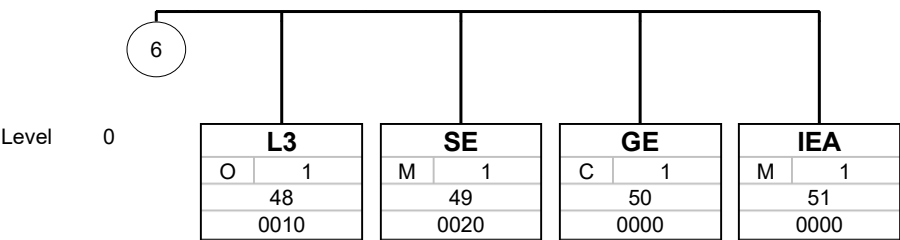
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Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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00001ISA 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	General Notes 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	General Notes 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*:~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	GS	C	1	0	Functional Group Header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GS				
479	Functional Identifier Code	M ID 2/2	M ID 2/2	List of valid codes SM Motor Carrier Load Tender (204)
142	Application Sender's Code	M AN 2/15	M AN 2/15	General Notes SENDER IDENTIFICATION Mutually agreed
124	Application Receiver's Code	M AN 2/15	M AN 2/15	General Notes 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 NO 1/9	M NO 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~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
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	List of valid codes 204 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~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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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	General Notes 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	General Notes Shipment method of payment List of valid codes CC Collect PP Prepaid (by Seller) TP Third Party Pay
147	Shipment Qualifier	O ID 1/1	O ID 1/1	General Notes Shipment Qualifier List of valid codes C Consolidated Shipment L Single Load (Blind Memo) Memo--Incomplete Documentation
86	Total Equipment	O NO 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	General Notes Transportation Terms code List of valid codes CAF Cost and Freight CFR Cost and Freight CIF Cost, Insurance, and Freight CIP Carriage and Insurance Paid To CPT Carriage Paid To DAF Delivered at Frontier DDP Delivered Duty Paid DDU Deliver Duty Unpaid DEQ Delivered Ex Quay DES Delivered Ex Ship DOM Domestically Supplied DUP Delivered; Duty Unpaid EXQ Ex Quay EXS Ex Ship EXW Ex Works

No = Consecutive segment number
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DSV public **EDIFACT** Status
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				FAS Free Alongside Ship FCA Free Carrier FCI Freight Carriage and Insurance Paid To FCP Freight Carriage Paid To FOB Free on Board FOR Free on Rail FOT Free on Truck NPF Non-privileged Foreign PPF 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~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	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	List of valid codes 00 Original 01 Cancellation 02 Add 03 Delete 04 Change 05 Replace 21 Transaction on Hold
346	Application Type	O ID 2/2	O ID 2/2	List of valid codes BL Bill of Lading LT Load Tender - Truckload (TL) Carrier Only

Segment Remarks:

General Notes

TRANSACTION SET PURPOSE

Example:

B2A*00*LT~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0080	6	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	General Notes REFERENCE IDENTIFICATION Required if element 128 is provided
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	General Notes REFERENCE IDENTIFICATION QUALIFIER Required if element 127 is provided List of valid codes 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~

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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	General Notes DATE QUALIFIER Required if element 373 is provided List of valid codes 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	General Notes DATE Required if element 432 is provided
176	Time Qualifier	C ID 1/2	C ID 1/2	General Notes TIME QUALIFIER Required if element 337 is provided List of valid codes 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
				Y Requested Pick Up Time Z Requested Delivery Time
337	Time	C TM 4/8	C TM 4/8	General Notes 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	List of valid codes S 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	List of valid codes A Air J Motor LT Less Than Trailer Load (LTL) M Motor (Common Carrier) MB Motor (Bulk Carrier) MP Motor (Package Carrier) O Containerized Ocean R Rail S Ocean TT 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
0110	9	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	General Notes SPECIAL HANDLING CODE At least one of elements 152 and 560 is required if element 153 is present List of valid codes DM Domestic LT Less Than Full Carload LTT Less Than Truckload
560	Special Services Code	C ID 2/10	C ID 2/10	List of valid codes H1 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~

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Counter	No	Tag	St	MaxOcc	Level	Name
0120	10	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~

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

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

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

DSV public
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	Usage / Remark
			EED Equipment Description EFD Equipment Function Description ELE Equipment Log Entry EMC Employment Comments EMD Estimate Method Description ENR Explanation for Non-Return of Device to Manufacturer ERN Error Notes EVL Event Location EXE Exemption Description EXR Exercise Routine EXT Exterior Description FEE Fee Description FUT Future Plans GEN Entire Transaction Set GPI General Product or Process Information GSI General Specification Information HHI Household Goods Information ICN Interviewee Conversation IDT Intangible Description IID Inventory (Stock) Description IIE Investment Description IIR Intercompany Relations IMP Problem Impact INS Insurance INT General Order Instructions INV Invoice Instruction IVC Income Verification Comments JVD Joint Venture Description LAB Labeling Instructions LBD Laboratory Data LBS Labeled Strength LEN Lender Use LIN Line Item LIQ Liquor Information LLA Letters of Liability Agreements LLB Loan Details LLC Long Term Debt Description LOC Location Description Information LOI Loading Instructions LSD Legal Structure Details MCD Marital Contract Details MDO Device Operator Description MED Medications MFG Manufacturing Instructions MKN Marketing Notes MMD Merger Description MSD Marketable Securities Description NCD Nonconformance Specification NPD Nameplate Data NTR Nutritional Requirements OBI Originator to Beneficiary Instructions OBL Obligation Description OCA Other Current Asset Description OCC Occupancy Information

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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Standard		Implementation	
Tag	Name	St Format	Usage / Remark
			OCL Other Current Liability Description OCP Occupation OCR Outside the Continental U.S. (OCONUS) Rating Information ODT Orders for Disciplines and Treatments OLS Original Legal Structure OPO Occupation Definition ORA Test Results Other Than Room Air ORE Other Remedial Action ORI Order Instructions OTH Other Instructions OTN Another Type of Number Description OTS Report Source Description PAY Payables PCS Process Specification PDS Product Specification PED Employee Sharing Arrangements PEN Penalty Description PES Partial Pressure of Oxygen (PO2) is 60 millimeters (MM) of Mercury (Hg) or above, or arterial blood oxygen saturation is 90% or above PID Property Improvement Description PKG Packaging Instructions PMT Payment POB Primary Observation POC Principals or Organization Comments POL Property Owner Location Information PPC Principal Procedure Code Description PRI Priority PRN Public Record Notes PRO Previous Registered Office PRR Price Range PSY Problem Summary PUR Purchasing QUL Qualifications QUT Quotation Instruction TDI Reason for Delinquency Information REC Recommendation REG Registered Activity REP Report REV Receivables RFL Reason for Leaving RHB Functional Limitations, Reason Homebound, or Both RLA Reason for Leave of Absence RLH Reasons Patient Leaves Home RNH Times and Reasons Patient Not at Home RNI Missing Report Explanation ROU Circuit Routing Instructions RPT Report Remarks RST Place Where a Report was Submitted RVC Rent Verification Comments SAN Settlement Amount Notes SCN Ocean Shipping Container Information SDD Sentence Description

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				SET Unusual Home, Social Environment, or Both SFM Safety Measures SMD Selling Means Description SOB Secondary Observation SOW Statement of Work SPH Special Handling SPT Supplementary Plan of Treatment SPV Closing Instructions SSA School Attended Details SSC Status Comment SSD Sales Description SSE Spouse Information SSG School Graduated Details SSH Security Service Information SSI Shareholding Information SSS Signing Authority SST Sales Territory TAF Tariff Abbreviation TCF Tariff Commodity Footnotes TDA Turkish Defense Affairs Authorization Information TES Task Statement TIL Tariff Index TLF Tariff Rule TLR Tradeline Remarks TPO Third Party Organization Notes TRA Transportation TRE Reportable Event Description TRF Tariff Rate Footnotes TRS Quality Information TSD Terms of Sale Description TSF Tariff Section Footnotes TST Test Results UPI Updated Information VEC Verification Comments VNN Variation Notes WHI Warehouse Instruction WRP Wrapping Instructions ZZZ 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~

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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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	List of valid codes BTBill-to-Party CACarrier CIConsignor CNConsignee CSConsolidator FWForwarder HAAwner N1Notify Party no. 1 PWPick Up Address SFShip From SHShipper STShip To
93	Name	C AN 1/60	C AN 1/60	General Notes PARTY NAME Required if element 98 is provided
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	General Notes IDENTIFICATION CODE QUALIFIER Required if element 67 is provided List of valid codes 93Code assigned by the organization originating the transaction set 94Code assigned by the organization that is the ultimate destination of the transaction set 97Receiver's Code
67	Identification Code	C AN 2/80	C AN 2/80	General Notes 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~

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

DSV public
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		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~

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

DSV public
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		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	General Notes LOCATION QUALIFIER Required if element 310 is provided List of valid codes UN United Nations Location Code (UNLOCODE)
310	Location Identifier	O AN 1/30	O AN 1/30	General Notes LOCATION IDENTIFIER Required if element 309 is provided

Segment Remarks:

General Notes

PARTY GEOGRAFIC LOCATION

Example:

N4*CITY*ST*ZIP*US*UN*USMIA~

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MaxOcc = Maximum occurrence of the segment/group
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DSV public
Status
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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	General Notes REFERENCE IDENTIFICATION Required if element 128 is provided
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	General Notes REFERENCE IDENTIFICATION QUALIFIER Required if element 127 is provided List of valid codes 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~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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DSV public
Status
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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	General Notes All valid X12 values List of valid codes BI Bill Inquiry Contact DC Delivery Contact SH Shipper Contact
93	Name	M AN 1/60	M AN 1/60	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	General Notes COMMUNICATION NUMBER QUALIFIER Required if element 364 is provided List of valid codes CP Cellular Phone EM Electronic Mail FX Facsimile TE Telephone
364	Communication Number	C AN 1/80	C AN 1/80	General Notes 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~

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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A=Advised, N=Not used



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	General Notes WEIGHT Required if element 187 is provided
187	Weight Qualifier	C ID 1/2	C ID 1/2	General Notes WEIGHT QUALIFIER Required if element 81 is provided List of valid codes G Gross Weight
167	Tare Weight	C N0 3/8	C N0 3/8	
232	Weight Allowance	O N0 2/6	N	
205	Dunnage	O N0 1/6	N	
183	Volume	C R 1/8	C R 1/8	General Notes VOLUME Required if element 184 is provided
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	General Notes VOLUME UNIT Required if element 183 is provided List of valid codes E Cubic Feet X Cubic Meters
102	Ownership Code	O ID 1/1	N	
40	Equipment Description Code	O ID 2/2	O ID 2/2	List of valid codes CN 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 N0 4/5	O N0 4/5	
571	Tare Qualifier Code	C ID 1/1	N	
188	Weight Unit Code	O ID 1/1	O ID 1/1	List of valid codes K Kilograms

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

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 Status
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				L Pounds
761	Equipment Number Check Digit	O N0 1/1	O N0 1/1	
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	General Notes 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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DSV public
Status
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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	List of valid codes ACAir Compressor BLBlower BSBlower, Stainless Steel NPNon Preload (DSV specific) PLPreload (DSV specific) PS Pump, Stainless Steel PUPump
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~

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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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~

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

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

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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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	General Notes UNIT OF MEASUREMENT All X12 valid codes Required if element 382 is provided List of valid codes PC Piece 16 115 Kilogram Drum 17 100 Pound Drum 18 55 Gallon Drum 19 Tank Truck 20 20 Foot Container 21 40 Foot Container 43 Super Bulk Bag 44 500 Kilogram Bulk Bag 45 300 Kilogram Bulk Bag 46 25 Kilogram Bulk Bag 47 50 Pound Bag 48 Bulk Car Load 95 20,000 Gallon Tankcar 96 10,000 Gallon Tankcar 97 10 Kilogram Drum 98 15 Kilogram Drum 1N Count 1P Tank Car 2W Bin 4A Bobbin 4E 20-Pack 4F 100-Pack AB Bulk Pack AS Assortment B4 Barrel, Imperial B7 Cycles BA Bale BB Base Box BC Bucket BD Bundle BE Beam BG Bag BN Bulk BR Barrel BS Basket BU Bushel BV Bushel, Dry Imperial BX Box C4 Carload CA Case CH Container CP Crate CT Carton CX Coil DR Drum EA Each

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MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				GD Gross Barrels HB Hundred Boxes HC Hundred Count KE Keg KT Kit PA Pail PF Pallet (Lift) PH Pack (PAK) PK Package PL Pallet/Unit Load RL Roll SJ Sack SV Skid TB Tube TK Tank UN Unit Z2 Chest Z3 Cask
183	Volume	C R 1/8	C R 1/8	General Notes VOLUME Required if element 184 is provided
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	General Notes VOLUME UNIT Required if element 183 is provided List of valid codes C Cubic Centimeters E Cubic Feet N Cubic Inches X 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

DSV public
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	General Notes REFERENCE IDENTIFICATION Required if element 128 is provided
128	Reference Identification Qualifier	C ID 2/3	C ID 2/3	General Notes REFERENCE IDENTIFICATION QUALIFIER Required if element 127 is provided List of valid codes 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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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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
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	General Notes DATE QUALIFIER Required if element 373 is provided List of valid codes 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	General Notes DATE Required if element 432 is provided
176	Time Qualifier	C ID 1/2	C ID 1/2	General Notes TIME QUALIFIER Required if element 337 is provided List of valid codes 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	General Notes 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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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At least one of 432 or 176 is required

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

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

DSV public
Status
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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
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	General Notes WEIGHT QUALIFIER Required if element 188 is present List of valid codes G Gross Weight N Actual Net Weight
188	Weight Unit Code	C ID 1/1	C ID 1/1	General Notes WEIGHT UNIT Required if element 187 is present List of valid codes G Grams K Kilograms L Pounds O Ounces
81	Weight	C R 1/10	C R 1/10	General Notes WEIGHT Required if element 187 is present
80	Lading Quantity	O N0 1/7	O N0 1/7	
80	Lading Quantity	O N0 1/7	O N0 1/7	
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	General Notes VOLUME UNIT Required if element 183 is present List of valid codes C Cubic Centimeters E Cubic Feet N Cubic Inches X Cubic Meters
183	Volume	C R 1/8	C R 1/8	General Notes 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

DSV public
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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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

DSV public
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	General Notes PACKAGING FORM CODE All valid X12 codes Required if element 80 is present
80	Lading Quantity	C N0 1/7	C N0 1/7	General Notes 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	General Notes WEIGHT UNIT Required if element 81 is present List of valid codes G Grams K Kilograms L Pounds O Ounces
81	Weight	C R 1/10	C R 1/10	General Notes 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

DSV public
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	List of valid codes DMDomestic LTLess Than Full Carload LTTLess Than Truckload
560	Special Services Code	C ID 2/10	C ID 2/10	List of valid codes H1Temperature Protection
153	Special Handling Description	C AN 2/30	N	

Segment Remarks:
General Notes
HANDLING REQUIREMENTS

Example:
AT5*DM*H1~

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

DSV public
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
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

DSV public
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
352	Description	M AN 1/80	M AN 1/80	All valid X12 codes

Segment Remarks:

General Notes

NOTE/SPECIAL INSTRUCTION

Example:

NTE*AAA*NOTE OR SPECIAL INSTR~

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

DSV public
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
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	List of valid codes BT Bill-to-Party CA Carrier CI Consignor CN Consignee CS Consolidator FW Forwarder HA Owner N1 Notify Party no. 1 PW Pick Up Address SF Ship From SH Shipper ST Ship To
93	Name	C AN 1/60	C AN 1/60	General Notes PARTY NAME Required if element 98 is provided
66	Identification Code Qualifier	C ID 1/2	C ID 1/2	General Notes IDENTIFICATION CODE QUALIFIER Required if element 67 is provided List of valid codes 93 Code assigned by the organization originating the transaction set 94 Code assigned by the organization that is the ultimate destination of the transaction set 97 Receiver's Code
67	Identification Code	C AN 2/80	C AN 2/80	General Notes 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

DSV public
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
Counter = Counter of segment/group within the standard

DSV public
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
0100	30	N4	O	1	3	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	General Notes LOCATION QUALIFIER Required if element 310 is provided List of valid codes UN United Nations Location Code (UNLOCODE)
310	Location Identifier	O AN 1/30	O AN 1/30	General Notes 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

DSV public
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	General Notes All valid X12 values List of valid codes BI Bill Inquiry Contact DC Delivery Contact SH Shipper Contact
93	Name	M AN 1/60	M AN 1/60	
365	Communication Number Qualifier	C ID 2/2	C ID 2/2	General Notes COMMUNICATION NUMBER QUALIFIER Required if element 364 is provided List of valid codes CP Cellular Phone EM Electronic Mail FX Facsimile TE Telephone
364	Communication Number	C AN 1/80	C AN 1/80	General Notes 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~

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

DSV public
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
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	General Notes All valid X12 values
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 W 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~

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

DSV public
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
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	General Notes WEIGHT QUALIFIER Required if element 188 is present List of valid codes G Gross Weight N Actual Net Weight
188	Weight Unit Code	C ID 1/1	C ID 1/1	General Notes WEIGHT UNIT Required if element 187 is present List of valid codes G Grams K Kilograms L Pounds O Ounces
81	Weight	C R 1/10	C R 1/10	General Notes WEIGHT Required if element 187 is present
80	Lading Quantity	O N0 1/7	O N0 1/7	
80	Lading Quantity	O N0 1/7	O N0 1/7	
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	General Notes VOLUME UNIT Required if element 183 is present List of valid codes C Cubic Centimeters E Cubic Feet N Cubic Inches X Cubic Meters
183	Volume	C R 1/8	C R 1/8	General Notes 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

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



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

DSV public
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	General Notes 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	General Notes COMMUNICATION NUMBER QUALIFIER Required if element 364 is provided List of valid codes CP Cellular Phone EM Electronic Mail FX Facsimile TE Telephone
364	Communication Number	C AN 1/80	C AN 1/80	General Notes 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

DSV public
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
0143	35	LH1	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	General Notes 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

DSV public
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

DSV public
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	General Notes HAZARDOUS MATERIAL SHIPPING NAME Required if element 984 is provided
984	Hazardous Material Shipping Name Qualifier	C ID 1/1	C ID 1/1	General NotesGeneral Notes 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~

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

DSV public
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
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	List of valid codes EMSEmergency Schedule (EMS) Page Number LQY"Limited Quantity" Declaration MFAMedical First Aid Guide (MFAG) Page Number MPIMarine Pollutant TECTechnical 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	General Notes 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

DSV public
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		0350	O	999	2	OID-G62-0360
0150	39	OID	M	1	2	Order Identification Detail

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

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

DSV public
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
				X Cubic Meters
183	Volume	C R 1/8	C R 1/8	General Notes 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

DSV public
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		0350	O	999	2	OID-G62-0360
0160	40	G62	O	2	3	Date/Time

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G62				
432	Date Qualifier	C ID 2/2	C ID 2/2	General Notes DATE QUALIFIER Required if element 373 is provided List of valid codes 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	General Notes DATE Required if element 432 is provided
176	Time Qualifier	C ID 1/2	C ID 1/2	General Notes TIME QUALIFIER Required if element 337 is provided List of valid codes 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	General Notes 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

DSV public
 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

DSV public
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~

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

DSV public
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
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	General Notes WEIGHT QUALIFIER Required if element 188 is present List of valid codes G Gross Weight N Actual Net Weight
188	Weight Unit Code	C ID 1/1	C ID 1/1	General Notes WEIGHT UNIT Required if element 187 is present List of valid codes G Grams K Kilograms L Pounds O Ounces
81	Weight	C R 1/10	C R 1/10	General Notes WEIGHT Required if element 187 is present
80	Lading Quantity	O N0 1/7	O N0 1/7	
80	Lading Quantity	O N0 1/7	O N0 1/7	
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	General Notes VOLUME UNIT Required if element 183 is present List of valid codes C Cubic Centimeters E Cubic Feet N Cubic Inches X Cubic Meters
183	Volume	C R 1/8	C R 1/8	General Notes 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

DSV public
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~

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DSV public
Status
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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	General Notes 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	General Notes COMMUNICATION NUMBER QUALIFIER Required if element 364 is provided List of valid codes CP Cellular Phone EM Electronic Mail FX Facsimile TE Telephone
364	Communication Number	C AN 1/80	C AN 1/80	General Notes 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
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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	General Notes All valid X12 codes
80	Lading Quantity	M N0 1/7	M N0 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~

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DSV public
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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~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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DSV public
Status
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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	General Notes 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~

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

DSV public
Status
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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	List of valid codes EMSEmergency Schedule (EMS) Page Number LQY"Limited Quantity" Declaration MFAMedical First Aid Guide (MFAG) Page Number MPIMarine Pollutant TECTechnical 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	General Notes 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~

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

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	General Notes WEIGHT Required if element 187 is present
187	Weight Qualifier	C ID 1/2	C ID 1/2	General Notes WEIGHT QUALIFIER Required if element 81 is present List of valid codes G Gross Weight
60	Freight Rate	C R 1/9	C R 1/9	General Notes FREIGHT RATE Required if element 122 is present
122	Rate/Value Qualifier	C ID 2/2	C ID 2/2	General Notes 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	General Notes VOLUME Required if element 184 is present
184	Volume Unit Qualifier	C ID 1/1	C ID 1/1	General Notes VOLUME UNIT Required if element 183 is present List of valid codes C Cubic Centimeters E Cubic Feet N Cubic Inches X 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	List of valid codes G Grams K Kilograms L Pounds O Ounces

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
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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:

I3*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

DSV public
Status
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Counter	No	Tag	St	MaxOcc	Level	Name
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

DSV public
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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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Counter	No	Tag	St	MaxOcc	Level	Name
0000	51	IEA	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~

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

DSV public
Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
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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*22G 1~
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~
30	N4	N4*CITY*ST*ZIP*US*UN*USMIA~

No = Consecutive segment number

DSV public



No	Tag	Example
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

DSV public