



Message Implementation Guideline

DSV Bookingconfirmation X12 990 outbound

based on

990

Response to a Load Tender

X12 004010

Version: V2.0
Issue date: 2026-09-14
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2 Message Structure	2
3 Branching Diagram	3
4 Segments	5
5 Example	15



Structure / Table of Contents

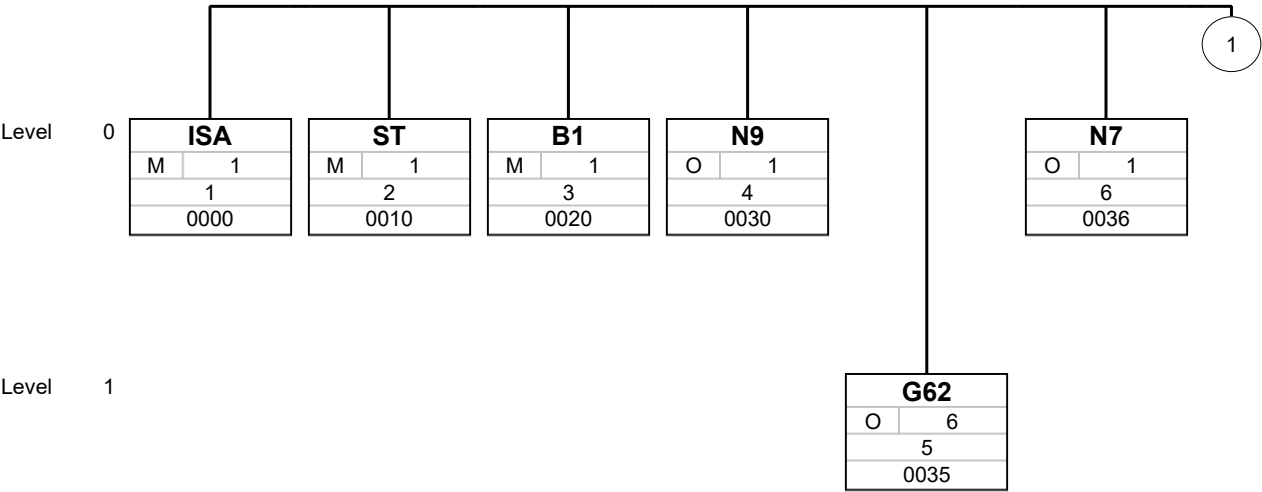
Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	ISA	M	1	0	Interchange Control Header
0010	2	ST	M	1	0	Transaction Set Header
0020	3	B1	M	1	0	Beginning Segment for Booking or Pick-up/Delivery
0030	4	N9	O	1	0	Reference Identification
0035	5	G62	O	6	1	Date/Time
0036	6	N7	O	1	0	Equipment Details
0060	7	K1	O	10	1	Remarks
0070	8	SE	M	1	0	Transaction Set Trailer
0000	9	IEA	M	1	0	Interchange Control Trailer

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

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



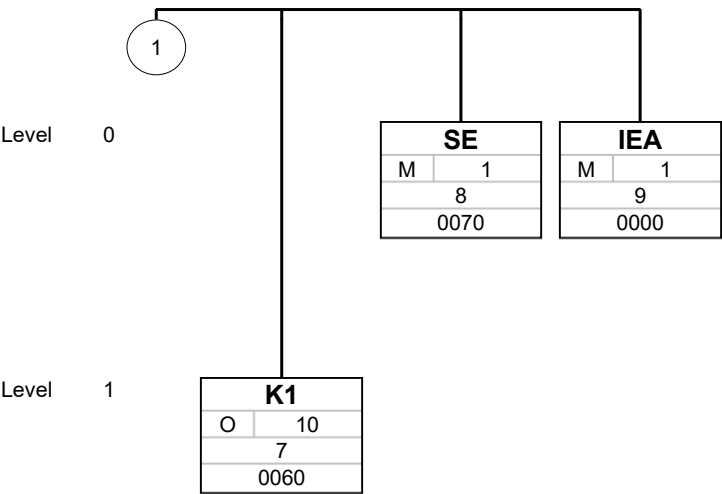
Branching Diagram of Used Segments/Groups



DSV public

Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
MaxOcc = Maximum occurrence of the segment/group
No = Consecutive segment number
Counter = Counter of segment/group within the standard



DSV public

Tag
St
MaxOcc
No
Counter

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Counter = Counter of segment/group within the standard



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	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*230417*1524*U*00401*99999999
9*0*P*:~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010	2	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 990 Response To a Load Tender
329	Transaction Set Control Number	M AN 4/9	M AN 4/9	

Segment Remarks:

General Notes

TRANSACTION SET HEADER

Example:

ST*990*12345~

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

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	3	B1	M	1	0	Beginning Segment for Booking or Pick-up/Delivery

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
B1				
140	Standard Carrier Alpha Code	O ID 2/4	O ID 2/4	
145	Shipment Identification Number	M AN 1/30	M AN 1/30	
373	Date	O DT 8/8	O DT 8/8	
558	Reservation Action Code	O ID 1/1	O ID 1/1	
				List of valid codes A Reservation Accepted D Reservation Cancelled

Segment Remarks:
General Notes
BEGINNING SEGMENT FOR SHIPMENT INFORMATION TRANSACTION

Example:
B1*ABCD*ShipmentId*20260914*A~

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

0030 4 **N9** O 1 0 Reference Identification

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
N9				
128	Reference Identification Qualifier	M ID 2/3	M ID 2/3	List of valid codes 3Z Customs Broker Reference Number 4C Shipment Destination Code ACT Accounting Code AE Authorization for Expense (AFE) Number BAI Business Identification Number BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice) CR Customer Reference Number DC Dealer purchase order number DJ Delivery Ticket Number DT Downstream Shipper Contract Number FI File Identifier FJ Line Item Control Number GZ General Ledger Account IID Image Identifier IT Internal Customer Number IV Seller's Invoice Number IX Item Number MB Master Bill of Lading MD Magazine Code PO Purchase Order Number Q1 Quote Number QN Stop Sequence Number QY Service Performed Code RU Route Number RV Receiving Number RZ Returned Goods Authorization Number SI Shipper's Identifying Number for Shipment (SID) SV Service Charge Number TN Transaction Reference Number U5 Successor Account VD Volume Number WH Master Reference (Link) Number WO Work Order Number Z5 Load Line Certificate TN Transaction Reference Number WO Work Order Number
127	Reference Identification	C AN 1/30	C AN 1/30	
369	Free-form Description	C AN 1/45	C AN 1/45	
373	Date	O DT 8/8	N	
337	Time	C TM 4/8	N	
623	Time Code	O ID 2/2	N	
C040	Reference Identifier	O	N	
128	Reference Identification	M ID 2/3	N	

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
	Qualifier			
127	Reference Identification	M AN 1/30	N	
128	Reference Identification	C ID 2/3	N	
	Qualifier			
127	Reference Identification	C AN 1/30	N	
128	Reference Identification	C ID 2/3	N	
	Qualifier			
127	Reference Identification	C AN 1/30	N	

Segment Remarks:

General Notes

REFERENCES

Example:

N9*SI*ReferenceId*Description~

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Counter	No	Tag	St	MaxOcc	Level	Name
0035	5	G62	O	6	1	Date/Time

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
G62				
432	Date Qualifier	C ID 2/2	C ID 2/2	List of valid codes BT Acceptance BU Rejection
373	Date	C DT 8/8	C DT 8/8	
176	Time Qualifier	C ID 1/2	C ID 1/2	List of valid codes W Effective Time
337	Time	C TM 4/8	C TM 4/8	
623	Time Code	O ID 2/2	O ID 2/2	List of valid codes LT Local Time

Segment Remarks:
General Notes
DATES

Example:
G62*BT*20260914*W*152401*LT~

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Counter	No	Tag	St	MaxOcc	Level	Name
0036	6	N7	O	1	0	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	N	
187	Weight Qualifier	C ID 1/2	N	
167	Tare Weight	C NO 3/8	N	
232	Weight Allowance	O NO 2/6	N	
205	Dunnage	O NO 1/6	N	
183	Volume	C R 1/8	N	
184	Volume Unit Qualifier	C ID 1/1	N	
102	Ownership Code	O ID 1/1	N	
40	Equipment Description Code	O ID 2/2	N	
140	Standard Carrier Alpha Code	O ID 2/4	N	
319	Temperature Control	O AN 3/6	N	
219	Position	O AN 1/3	N	
567	Equipment Length	O NO 4/5	N	
571	Tare Qualifier Code	C ID 1/1	N	
188	Weight Unit Code	O ID 1/1	N	
761	Equipment Number Check Digit	O NO 1/1	O NO 1/1	
56	Type of Service Code	O ID 2/2	N	
65	Height	O R 1/8	N	
189	Width	O R 1/8	N	
24	Equipment Type	O ID 4/4	O ID 4/4	
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*****7****22G0~

No = Consecutive segment number
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Status
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Counter	No	Tag	St	MaxOcc	Level	Name
0060	7	K1	O	10	1	Remarks

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
K1				
61	Free-Form Message	M AN 1/30	M AN 1/30	
61	Free-Form Message	O AN 1/30	O AN 1/30	

Segment Remarks:
General Notes
REMARKS

Example:
K1*REJECT*SPLA~

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0070	8	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*13*12345~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0000	9	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*0*999999999~

No = Consecutive segment number
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No	Tag	Example
01	ISA	ISA*00*00*01*XXXXXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXXXXX*230417*1524*U*00401*999999999*0*P*:~
02	ST	ST*990*12345~
03	B1	B1*ABCD*ShipmentId*20260914*A~
04	N9	N9*SI*ReferenceId*Description~
05	G62	G62*BT*20260914*W*152401*LT~
06	N7	N7*ABCD*123456*****7***22G0~
07	K1	K1*REJECT*SPLA~
08	SE	SE*13*12345~
09	IEA	IEA*0*999999999~

DSV public