

EDI 990 – Minimum Requirements for Segments and Elements

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
	005	ISA	Interchange Control Header	O	1	
	008	GS	Functional Group Header	O	1	
M	010	ST	Transaction Set Header	M	1	
M	020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1	
M	070	SE	Transaction Set Trailer	M	1	
	072	GE	Functional Group Trailer	O	1	
	074	IEA	Interchange Control Trailer	O	1	

Segment: **ISA** Interchange Control Header
Position: 005
Loop:
Level:
Usage: Optional
Max Use: 1
Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ISA01	I01	Authorization Information Qualifier	M ID 2/2
M	ISA02	I02	Authorization Information	M AN 10/10
M	ISA03	I03	Security Information Qualifier	M ID 2/2
M	ISA04	I04	Security Information	M AN 10/10
M	ISA05	I05	Interchange ID Qualifier	M ID 2/2
M	ISA06	I06	Interchange Sender ID	M AN 15/15
M	ISA07	I05	Interchange ID Qualifier	M ID 2/2
M	ISA08	I07	Interchange Receiver ID	M AN 15/15
M	ISA09	I08	Interchange Date	M DT 6/6
M	ISA10	I09	Interchange Time	M TM 4/4
M	ISA11	I10	Interchange Control Standards Identifier	M ID 1/1
M	ISA12	I11	Interchange Control Version Number	M ID 5/5
M	ISA13	I12	Interchange Control Number	M N0 9/9
M	ISA14	I13	Acknowledgment Requested	M ID 1/1
M	ISA15	I14	Usage Indicator	M ID 1/1
M	ISA16	I15	Component Element Separator	M AN 1/1

Segment: **GS** Functional Group Header
Position: 008
Loop:
Level:
Usage: Optional
Max Use: 1
Syntax Notes:
Semantic Notes:

- 1 GS04 is the group date.
- 2 GS05 is the group time.
- 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	GS01	479	Functional Identifier Code	M ID 2/2
M	GS02	142	Application Sender's Code	M AN 2/15
M	GS03	124	Application Receiver's Code SMNN Receiver ID	M AN 2/15
M	GS04	373	Date	M DT 8/8
M	GS05	337	Time	M TM 4/8
M	GS06	28	Group Control Number	M N0 1/9
M	GS07	455	Responsible Agency Code	M ID 1/2
M	GS08	480	Version / Release / Industry Identifier Code	M AN 1/12

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
M	ST02	329	Transaction Set Control Number	M AN 4/9

Segment: **B1** Beginning Segment for Booking or Pick-up/Delivery
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Syntax Notes:
Semantic Notes:

- 1 B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
- 2 B103 is the booking date accepted by the carrier.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	B101	140 Standard Carrier Alpha Code	O ID 2/4
M	B102	145 Shipment Identification Number	M AN 1/30
		Notes:	
		This is equal to Manifest key sent in on 204	
	B103	373 Date	O DT 8/8
	B104	558 Reservation Action Code	O ID 1/1
		A Reservation Accepted	
		D Reservation Cancelled	
		R Delete	

Segment: **SE** Transaction Set Trailer
Position: 070
Loop:
Level:
Usage: Mandatory
Max Use: 1
Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments	M N0 1/10
M	SE02	329	Transaction Set Control Number	M AN 4/9

Segment: **GE** Functional Group Trailer
Position: 072
Loop:
Level:
Usage: Optional
Max Use: 1
Syntax Notes:
Semantic Notes: 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	GE01	97	Number of Transaction Sets Included	M N0 1/6
M	GE02	28	Group Control Number	M N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 074
Loop:
Level:
Usage: Optional
Max Use: 1
Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	IEA01	I16	Number of Included Functional Groups	M N0 1/5
M	IEA02	I12	Interchange Control Number	M N0 9/9