Appendix A - ISA, GS, GE, and IEA

1.1 ISA - Interchange Header

Element ID	Element Number	Name	Length	Comment
ISA01	I01	Authorization Information Qualifier	2	'00' for No authorization information present.
ISA02	I02	Authorization Information	10	Not Used
ISA03	I03	Security Information Qualifier	2	'00' for No security information present.
ISA04	I04	Security Information	10	Not Used
ISA05	I05	Interchange ID Qualifier	2	'ZZ' for Mutually defined '01' for DUNS Number
ISA06	I06	Interchange Sender ID	15	Sender ID If sender is Dsco, then ID will be "DSCO" If sender is Vendor, the ID should be the Vendor's ISA ID number.
ISA07	I07	Interchange ID Qualifier	2	'ZZ' for Mutually defined
ISA08	I08	Interchange Receiver ID	15	Receiver's ID If receiver is Dsco, then ID should be "DSCO" If receiver is Vendor, the ID should be the Vendor's ISA ID number.
ISA09	I09	Date	6	Date envelope was generated. (YYMMDD)
ISA10	I10	Time	4	Time Envelope was generated. (HHMM)
ISA11 - 4010	I11	Interchange Standards Identifier	1	'U' for US. EDI Community of X12, TDCC, and UCS.
ISA11 - 5010	I11	Repeat Separator	1	'<'
ISA12	I12	Interchange Version ID	5	'00401' for 4010 and '00501' for 5010
ISA13	I13	Interchange Control Number	9	Sender assigned sequential number incremented by 1 for each transmission. Default starts at 1, unless edited within the portal.
ISA14	I14	Acknowledgment Requested	1	'0' for No Interchange Acknowledgment and '1' if requested.
ISA15	I15	Test Indicator	1	'P' for Production data 'T' for Test data
ISA16	I16	Sub-element Separator	1	'>'

1.2 GS - Group Header

Element ID	Element Number	Name	Length	Comment
GS01	479	Functional ID	2	Functional Identification Code **IB** Inventory Inquiry/Advice (846) **PO** Purchase Order (850) **PR** Purchase Order Acknowledgment (855) **RS** Order Status Information (870) **SH** Ship Notice/Manifest (856) **IN** Invoice Information (810) **FA** Functional Acknowledgment (997)
GS02	142	Application Sender's Code	2/15	Sender's ID.
GS03	124	Application Receiver's Code	2/15	Receiver's ID.
GS04	29	Data Interchange Date	8	Date Group was generated. (CCYYMMDD)
GS05	30	Data Interchange Time	4	Time Group was generated. (HHMM)
GS06	28	Data Interchange Control Number	1/9	Control number increased by 1 for each group generated. Default starts at 1, unless edited within the portal.
GS07	455	Responsible Agency Code	1/2	'X' for Accredited Standards Committee X12.
GS08	480	Version	1/12	'004010VICS' for 4010 and '005010' for 5010

1.3 GE - Group Trailer

Element ID	Element Number	Name	Length	Comment
GE01	97	Number of Included Transaction Sets	1/6	Number of ST segments within the group.
GE02	28	Data Interchange Control Number	2/9	Must match GS06.

1.4 IEA - Interchange Trailer

Element ID	Element Number	Name	Length	Comment
IEA01	116	Number of Included Groups	5	Number of GS segments within the transmission.
IEA02	112	Interchange Control Number	9	Must match ISA13.