Modell's Sporting Goods

Interchange Envelopes and Functional Groups

		VICS Requirements	Modell's Requirements
Seg ID	Name	Requirement Des.	Requirement Des.
	Interchange Envelope		
ISA	Interchange Control Header	M	M
	Functional Group		
GS	Functional Group Header	M	M
	Transaction Set Detail		
	See document sections (e.g., 850 Purchase Order, 852 Product Data Inventory and etc.) for Transaction Set Detail requirements.		
	Functional Group		
GE	Group Control Trailer	M	M
	Interchange Envelope		
IEA	Interchange Control Trailer	M	M

Segment: **ISA** **Transaction Set Header**
Level: Envelope
Usage: Mandatory
Purpose: To start and identify an interchange of one or more functional groups and interchange related control segments.
Comments: The interchange control number value in this header must match the value in the corresponding interchange control trailer.
Notes: This ISA segment is fixed length (min/max are equal for each element, however, data element separators are used between data elements to be consistent with the basic syntax of segment structure).

Modell's Segment Terminator: ~
Modell's Element Separator: *
Modell's Sub-element Separator: ^

DATA ELEMENT SUMMARY

			VICS Requirements			Modell's Requirements		
REF. DES.	DATA ELEMENT	NAME	REQ	TYPE	MIN/MAX	REQ	TYPE	MIN/MAX
ISA01	**I01**	**Authorization Information Qualifer** Code to identify the type of information in the authorization information. Valid Values: 00 — No Authorization Information present (No meaningful information in I02)	**M**	**ID**	**2/2**	**M**	**ID**	**2/2**
ISA02	**I02**	**Authorization Information** This field is blank.	**M**	**A/N**	**10/10**	**M**	**A/N**	**10/10**
ISA03	**I03**	**Security Information Qualifier** Code used to identify the type of information in the Security Information. Valid Values: 00 — No Security Information present (No meaningful information in I04)	**M**	**ID**	**2/2**	**M**	**A/N**	**2/2**
ISA04	**I04**	**Security Information** This field is blank.	**M**	**AN**	**10/10**	**M**	**AN**	**10/10**

REF. DES.	DATA ELEMENT	NAME	VICS Requirements REQ	TYPE	MIN/MAX	Modell's Requirements REQ	TYPE	MIN/MAX
ISA05	**I05**	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver id element being qualified. **Comments:** The Interchange ID Qualifier is used to define the code used, in ISA06, to identify sender of the interchange. The Uniform Code Council assigned Communication Identification Number is the convention for the identification of the sender and receiver of the EDI transmission. Modell's Preference: 08 — (UPC Council) UCC Assigned Communications ID, VICS EDI COMM ID	**M**	**ID**	**2/2**	**M**	**ID**	**2/2**
ISA06	**I06**	**Interchange Sender ID** Identification code published by the sender for other parties to use as the receiver id to route data to them. The sender always codes this number in the sender id element. **Comments:** The identification code described by ISA05. Left justified, blank fill. Modell's Sender ID: 6123470000	**M**	**ID**	**15/15**	**M**	**ID**	**15/15**
ISA07	**I05**	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver id element being qualified. **Comments:** The Interchange ID Qualifier is used to define the code used, in ISA08, to identify receiver of the interchange. Modell's Preference: 08 — (UPC Council) UCC Assigned Communications ID, VICS EDI COMM ID	**M**	**ID**	**2/2**	**M**	**ID**	**2/2**

			VICS Requirements			Modell's Requirements		
REF. DES.	DATA ELEMENT	NAME	REQ	TYPE	MIN/MAX	REQ	TYPE	MIN/MAX
ISA08	**I07**	**Interchange Receiver ID** Modell's Receiver ID: 6123470000	**M**	**ID**	**15/15**	**M**	**ID**	**15/15**
ISA09	**I08**	**Date** Date of the Interchange.	**M**	**DT**	**6/6**	**M**	**DT**	**6/6**
ISA10	**I09**	**Time** Time of the Interchange. **Comments:** The time the interchange was created in the sender's system; submit time. Format is HHMM; 24 hour clock.	**M**	**TM**	**4/4**	**M**	**TM**	**4/4**
ISA11	**I10**	**Interchange Standards Identifier** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and footer. Valid Value: U — U.S. EDI community of X12, TDCC, and UCS	**M**	**ID**	**1/1**	**M**	**ID**	**1/1**
ISA12	**I11**	**Interchange Version ID** This version number covers the interchange control segments only. Positions 1-3 of the field = major version 4-5 of the field = release level of the version. **Comments:** This version number is for the envelope only. It is not the same as the version number in the GS segments. Valid Values: 0040 — The Current Value Version 4, Release 0	**M**	**ID**	**5/5**	**M**	**ID**	**5/5**
ISA13	**I12**	**Interchange Control Number** This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.	**M**	**N0**	**9/9**	**M**	**N0**	**9/9**

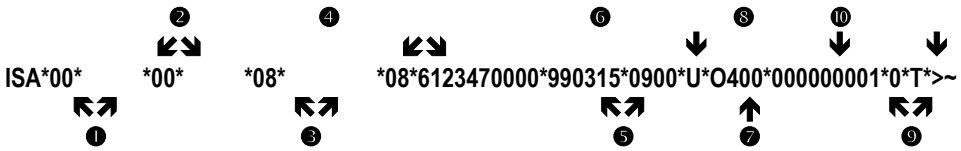
			VICS Requirements			Modell's Requirements		
REF. DES.	DATA ELEMENT	NAME	REQ	TYPE	MIN/MAX	REQ	TYPE	MIN/MAX
ISA14	**I13**	**Acknowledgment Requested** Code set by the sender to request an interchange acknowledgment. **Comments:** The retail industry is not using transmission acknowledgments. The transmission acknowledgment is not the same as the functional group acknowledgment. Valid Value: 0 — No Acknowlegment Requested	**M**	**ID**	**1/1**	**M**	**ID**	**1/1**
ISA15	**I14**	**Test Indicator** Code to indicate whether data enclosed by this interchange envelope is test or production. **Comments:** The test indicator is valuable for startup system tests. The indicator applies to the entire transmission. Valid Values: P — Production Data T — Test Data	**M**	**ID**	**1/1**	**M**	**ID**	**1/1**
ISA16	**I15**	**Subelement Separator** This is a field reserved for future expansion in separating data element subgroups. **Comments:** The value identified for retail use is ">."	**M**	**AN**	**1/1**	**M**	**AN**	**1/1**

ISA — Interchange Control Header

Example 1 (when Modell's is sending):

	Value	Element/Description/Comments
❶	**00,**	ISA01 — Indicates there is no information in I02. ISA02 — Blanks indicate no meaningful information is being sent.
❷	**00,**	ISA03 — Indicates that no security information is present in I04 ISA04 — Blanks indicate no meaningful information.
❸	**08,6123470000**	ISA05 — Indicates that the Uniform Code Council assigned Communication ID Number is used in ISA06 to identify the sender id element. ISA06 — Modell's sender ID is "6123470000."
❹	**08,**	ISA07 — Indicates the interchange receiver ID in ISA08 is a Communication ID Number. ISA08 — The interchange receiver ID number is " ." This would be your company's communication ID number.
❺	**990315, 0900**	ISA09 — The date the interchange was created was March 15, 1999. ISA10 —The time the interchange was created was 9:00 a.m.
❻	**U**	ISA11 — Indicates that the U.S. EDI community of X12, TDCC, and UCS is responsible for the control standard used by the message in the interchange header and trailer.
❼	**O400**	ISA12 — Indicates that the interchange version ID is 0400.
❽	**000000001**	ISA13 — The interchange control number is "000000001."
❾	**0, T**	ISA14 — Indicates a transmission acknowledgment is not requested. ISA15 — Indicates the data enclosed by this envelope is test.
❿	**>**	ISA16 — Sub-element separator is ">."

Example 2 (when Modell's is receiving):



	Value	Element/Description/Comments
❶	**00,**	ISA01 — Indicates there is no information in I02. ISA02 — No additional information or authorization in the interchange.
❷	**00,**	ISA03 — Indicates that no security information is present in I04 ISA04 — No additional security information.
❸	**08,**	ISA05 — Indicates that the Uniform Code Council assigned Communication ID Number is used in ISA06 to identify the sender or receiver id element. ISA06 — This would be your company's (vendor's) Sender ID.
❹	**08, 6123470000**	ISA07 —Indicates the interchange receiver ID in ISA08 is a Communication ID Number. ISA08 — Modell's receiver ID number is "6123470000**.**"
❺	**990315, 0900**	ISA09 — The date the interchange was created was March 15, 1999. ISA10 — The time the interchange was created was 9:00 a.m.
❻	**U**	ISA11 — Indicates that the U.S. EDI community of X12, TDCC, and UCS is responsible for the control standard used by the message in the interchange header and trailer.
❼	**O400**	ISA12 — Indicates that the interchange version ID is O400.
❽	**000000001**	ISA13 — The interchange control number is "000000001."
❾	**0, T**	ISA14 — Indicates a transmission acknowledgment is not requested. ISA15 — Indicates the data enclosed by this envelope is test.
❿	**>**	ISA16 — Sub-element separator is ">."

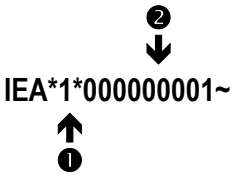
Segment: **IEA** **Interchange Control Trailer**
Level: Envelope
Usage: Mandatory
Purpose: To define the end of an interchange of one or more functional groups and interchange related control segments.
Comments: The interchange control number in this trailer must match the value in the same data element in the corresponding interchange control header.

DATA ELEMENT SUMMARY

			VICS Requirements			Modell's Requirements		
REF. DES.	DATA ELEMENT	NAME	REQ	TYPE	MIN/MAX	REQ	TYPE	MIN/MAX
IEA01	I16	**Number of Included Groups** A count of the number of Functional Groups included in a transmission. **Comments:** The count of GS segments within the transmission.	M	N0	1/5	M	N0	1/5
IEA02	I12	**Interchange Control Number** This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number. **Comments:** Must be the same number as in the ISA segment (ISA13) for the transmission.	M	N0	9/9	M	N0	9/9

IEA — Interchange Control Trailer

Example:



	Value	Element/Description/Comments
❶	**1**	IEA01 — Indicates there is one functional group included in the transmission.
❷	**000000001**	IEA02 — The interchange control number is "000000001."

Segment: **GS** **Functional Group Header**
Level: Group
Usage: Mandatory
Purpose: To indicate the beginning of a functional group and to provide control information.

DATA ELEMENT SUMMARY

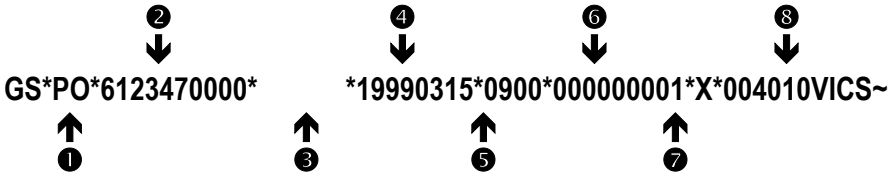
			VICS Requirements			Modell's Requirements		
REF. DES.	DATA ELEMENT	NAME	REQ	TYPE	MIN/MAX	REQ	TYPE	MIN/MAX
GS01	**479**	**Functional ID** Code identifying a group of application related transaction sets. Valid Values: FA — Functional Acknowledgment (997) PO — Purchase Order (850) PD — Product Activity Data (852) SC — Price Sales Catalog (832) SH — Ship Notice/Manifest (856) PR — Purchase Order Acknowledgment (855)	**M**	**ID**	**2/2**	**M**	**ID**	**2/2**
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission. Modell's Sender ID: 6123470000 **Comments:** A unique code to identify the sender. This is usually the same as the code used in ISA06. It could be used to define sub organizations, i.e. companies of a corporation, departments, etc. The trading partners must agree on the codes.	**M**	**ID**	**2/12**	**M**	**ID**	**2/12**

REF. DES.	DATA ELEMENT	NAME	VICS Requirements REQ	VICS Requirements TYPE	VICS Requirements MIN/MAX	Modell's Requirements REQ	Modell's Requirements TYPE	Modell's Requirements MIN/MAX
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission. Modell's Receiver ID: 6123470000 **Comments:** A unique code to identify the receiver. This is usually the same as the code used in ISA08. It could be used to define sub organizations, i.e. companies of a corporation, departments, etc. The trading partners must agree on the codes.	**M**	**ID**	**2/12**	**M**	**ID**	**2/12**
GS04	**29**	**Data Interchange Date** Date sender generated a functional group of transaction sets.	**M**	**DT**	**6/6**	**M**	**Dt**	**6/6**
GS05	**30**	**Data Interchange Time** Time (HHMM) expressed in 24-hour clock time when the sender generated a functinoal group of transaction sets (local time at sender's location) (time range: 0000 through 2359). **Comments:** The time the group was created in the sender's system; submit time. Format is HHMM; 24-hour clock.	**M**	**TM**	**4/4**	**M**	**TM**	**4/4**
GS06	**28**	**Data Interchange Control Number** Assigned number originated and maintained by the sender. **Comments:** The number assigned by the sender must be unique within each trading partner. The trading partner at the group level is defined by the Application Receiver Code (GS03). The uniqueness must be maintained until such time that a Functional Acknowledgment is received for that group.	**M**	**N0**	**1/9**	**M**	**N0**	**1/9**
GS07	**455**	**Responsible Agency Code** Code used in conjunction with the version data element to identify the issuer of the standard. Valid Values: X — Accredited Standards Committee X12	**M**	**ID**	**1/2**	**M**	**ID**	**1/2**

REF. DES.	DATA ELEMENT	NAME	VICS Requirements REQ	VICS Requirements TYPE	VICS Requirements MIN/MAX	Modell's Requirements REQ	Modell's Requirements TYPE	Modell's Requirements MIN/MAX
GS08	**480**	**Version** The Version Code is used in conjunction with the Functional Identifier to specify an exact version of an EBDI standard. Format of the version is: Positions — Content 1 - 3 — Major Version Number 4 - 6 — Release Level of Version 7 - 12 — Industry or Trade Assoc. ID (Optionally assigned by user) **Comments:** Version/release number. This is the version and release of the transact)on sets within the group. This is not the same as the version number in the ISA segment. 003010VICS — ANSI ASC X12 version 3, release 1, the VICS subset	**M**	**ID**	**1/12**	**M**	**ID**	**10/10**

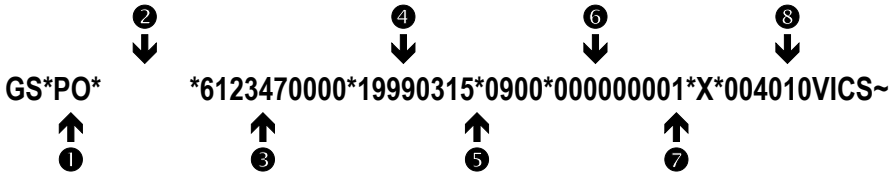
GS — Functional Group Header

Example 1 (when Modell's is sending data):



	Value	Element/Description/Comments
❶	**PO**	GS01 — Indicates the included transaction sets are purchase orders.
❷	**6123470000**	GS02 — Modell's sender ID is "6123470000."
❸		GS03 — This would be your company's (vendor's) receiver ID.
❹	**19990315**	GS04 — The date the sender generated the group of transaction sets, or the submit date, is March 15, 1999.
❺	**0900**	GS05 — The time the sender generated the group of transaction sets was 9:00 a.m.
❻	**000000001**	GS06 — The data interchange control number is "000000001."
❼	**X**	GS07 — The Accredited Standards Committee X12 issued the standards for the version data element.
❽	**004010VICS**	GS08 — The exact version of the EDI Standard is "004010VICS," ANSI ASC X12 version 4, release 1, the VICS subset.

Example 2 (when Modell's is receiving EDI data):



	Value	Element/Description/Comments
❶	**PO**	GS01 — Indicates the transaction sets are purchase orders.
❷		GS02 —This would be your company's (vendor's) sender ID.
❸	**6123470000**	GS03 — Modell's receiver ID is "6123470000."
❹	**19990315**	GS04 — The date the sender generated the group of transaction sets, or the submit date, is March 15, 1999.
❺	**0900**	GS05 — The time the sender generated the group of transaction sets was 9:00 a.m.
❻	**000000001**	GS06 — The data interchange control number is "1."
❼	**X**	GS07 — The Accredited Standards Committee X12 issued the standards for the version data element.
❽	**004010VICS**	GS08 — The exact version of the EDI Standard is "004010VICS," ANSI ASC X12 version 3, release 1, the VICS subset.

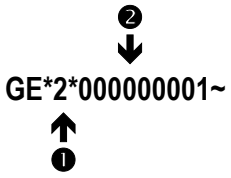
Segment: **GE** **Group Control Trailer**
Level: Group
Usage: Mandatory
Purpose: To indicate the end of a functional group and to provide control information.
Comments: The control number is the same as that used in the corresponding header.

DATA ELEMENT SUMMARY

REF. DES.	DATA ELEMENT	NAME	VICS Requirements REQ	VICS Requirements TYPE	VICS Requirements MIN/MAX	Modell's Requirements REQ	Modell's Requirements TYPE	Modell's Requirements MIN/MAX
GE01	**97**	**Number of Included Transaction Sets** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element. **Comments:** The count of ST segments within the Group.	**M**	**N0**	**1/6**	**M**	**N0**	**1/6**
GE02	**28**	**Data Interchange Control Number** Assigned number originated and maintained by the sender. **Comments:** Must be the same number as in the GS segment (GS09) for the group.	**M**	**N0**	**1/9**	**M**	**N0**	**1/9**

GE — Group Control Structure

Example:



	Value	Element/Description/Comments
❶	**2**	GE01 — Indicates there are two transaction sets (purchase order documents) in the functional group.
❷	**000000001**	GE02 — The data interchange control number is "000000001."