ROSE'S STORES, INC. MAPPING GUIDELINES FOR 004010VICS

Introduction

This document provides all current and future Rose's EDI Trading Partners with the guidelines needed to do business according to the 004010VICS standards. Incorporated in this document are the mapping guides for sending/receiving 810 Invoices, 850 Purchase Orders, 852 Inventory/Sales Activity and 856 Advanced Ship Notices. To meet Y2K compliance, 004010VICS is the minimal version that will be accepted by Rose's Stores, Inc.

The following individual will be your point of contact regarding the testing and implementation of the new version:

EDI Coordinator	Melissa Lawson	Phone 1-252-430-2714
		Fax 1-252-430-2066
		Email: rosesedi@ncol.net

All questions regarding documents you have or may not have received should be addressed to Melissa Lawson. Melissa will contact the appropriate EDI Trading Partner Coordinator and schedule testing. Once testing has been completed and approved by both Rose's and its Trading Partner, Rose's will require written approval stating the document(s) tested and the approval to proceed with the 004010VICS version in production. Rose's will provide the same documentation, if so desired, for documents being sent to a Trading Partner. Questions regarding the actual mapping or format of data being provided should be directed to Melissa Lawson.

Once both parties have agreed on and approved the document(s) for production all transactions will be transmitted under the new version 004010VICS as of that date.

Rose's looks forward to beginning this process and completing it in a timely manner.

CONTROL SEGMENTS
All EDI Documents Inbound/Outbound

Segment: ISA Control Segment
Level: Interchange Envelope
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ISA01	I01	**Authorization Information Qualifier** **00** No authorization information is present	**M ID 2/2**
ISA02	I02	**Authorization Information** **Blank** not used	**M AN 10/10**
ISA03	I03	**Security Information Qualifier** **00** No authorization information is present	**M ID 2/2**
ISA04	I04	**Security Information** **Blank** not used	**M AN 10/10**
ISA05	I05	**I/C Sender ID Qualifier** Code that qualifies your network ID **12** when Rose's Stores is the sender	**M ID 2/2**
ISA06	I06	**I/C Sender ID** Your network ID **8003473765** when Rose's Stores is the sender	**M AN 15/15**
ISA07	I07	**I/C Receiver ID Qualifier** Code that qualifies your network ID **12** when Rose's Stores is the receiver	**M ID 2/2**
ISA08	I08	**I/C Receiver ID** Your network ID **8003473765** when Rose's Stores is the receiver	**M AN 15/15**
ISA09	I09	**I/C Date (System Generated)** Date expressed as CCYYMMDD	**M DT 8/8**
ISA10	I10	**I/C Time (System Generated)** Time expressed in 24-hour clock time as follows: HHMM	**M TM 4/4**
ISA11	I11	**Interchange Standards ID** Interchange Control Standards Identifier **U** U.S. EDI Community of ASC X12, TDCC, and UCS are the responsible agencies for control structure	**M ID 1/1**
ISA12	I12	**I/C Version ID** Interchange Control Version Number **00401**	**M ID 5/5**
ISA13	I13	**I/C Control Number (System Generated)**	**M NO 9/9**
ISA14	I14	**Acknowledgement Request (TA1)**	**M ID 1/1**

Segment: ISA Control Segment (Continued)
Level: Interchange Envelope
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ISA15	I15	**Test Indicator** **P** indicates data being sent/received is production data **T** indicates data being sent/received is test data	**M ID 1/1**
ISA16	I16	**Sub-Element Separator**	**M AN 1/1**

Segment: GS Control Segment
Level: Group Envelope
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
GS01	479	**Functional ID** Identifies what is contained within the functional group **IN** Invoices 810 (Inbound to Rose's) **PO** Purchase Order 850 (Outbound from Rose's) **PD** Inventory/Sales Activity 852 (Outbound from Rose's) **SH** Advanced Ship Notices 856 (Inbound to Rose's)	**M ID 2/2**
GS02	142	**Application Sender ID** Your network ID **8003473765** when Rose's Stores is the sender	**M AN 2/15**
GS03	124	**Application Receiver ID** Your network ID **8003473765** when Rose's Stores is the receiver	**M AN 2/15**
GS04	373	**Group Date (System Generated)** Date expressed as CCYYMMDD	**M DT 8/8**
GS05	337	**Group Time (System Generated)** Time expressed in 24-hour clock time as follows: HHMM	**M TM 4/4**
GS06	28	**Group Control Number (System Generated)**	**M NO 1/9**
GS07	455	**Responsibility Agency Code** Code that qualifies your network ID **X** when Rose's Stores is the receiver	**M ID 1/2**
GS08	480	**Version-Release-Association** Your network ID **004010VICS**	**M AN 1/12**

VICS EDI 810 Invoice

Introduction

FUNCTIONAL GROUP ID = IN

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

	SEG ID	NAME	REQ. DES	MAX USE	LOOP REPEAT
Header	ST	Transaction Set Header	M	1	
	BIG	Beginning Segment for Invoice	M	1	
	REF	Reference Identification	M	2	
	PER	Administrative Communications Contact	M	1	
	N1	Name	M	2	2
	N2	Additional Name Information	C	1	
	N3	Address Information	C	1	
	N4	Geographic Location	C	1	
	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
	DTM	Date/Time Reference	O	1	
	FOB	F.O.B. Related Instructions	O	1	
Detail	IT1	Baseline Item Data (Invoice)	O	1	100000
	PID	Product/Item Description	O	1	
	PO4	Item Physical Details	O	1	
Summary	TDS	Total Monetary Value Summary	M	1	
	CAD	Carrier Detail	O	1	
	SAC	Service, Promotion, Allowance, Or Charge Information	O	1	
	ISS	Invoice Shipment Summary	O	1	
	CTT	Transaction Totals	O	1	
	SE	Transaction Set Trailer	M	1	

Segment: ST Transaction Set Header
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ST01	143	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set **810** Invoice	**M ID 3/3**
ST02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. **The sender, starting with one within each functional group sequentially assigns the number. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.**	**M AN 4/9**

Segment: BIG **Beginning Segment for Invoice**
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmits identifying numbers and dates

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
BIG01	373	**Date** Date expressed as CCYYMMDD	**M DT 8/8**
BIG02	76	**Invoice Number** Identifying number assigned by issuer	**M AN 1/22**
BIG03	373	**Date** Date expressed as CCYYMMDD **Retailer's original purchase order date**	**M DT 8/8**
BIG04	324	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser. **Retailer's original purchase order number.**	**M AN 1/22**

Segment: REF Reference Identification
Level: Header
Usage: Mandatory
Max Use: 2
Purpose: To specify identifying information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
REF01	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification **DP** Department Number **IA** Internal Vendor Number (Rose's assigned Vendor Number)	**M ID 2/3**
REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.	**C AN 1/30**

Segment: PER Administrative Communications Contact
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: To identify a person or office to which administrative communications should be directed

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named **CR** Customer Relations - **Customer service representative**	**M ID 2/2**
PER02	93	**Name** Free-form name	**O AN 1/60**
PER03	365	**Communication Number Qualifier** Code identifying the type of communication number **TE** Telephone	**C ID 2/2**
PER04	364	**Communication Number** Complete communications number including country or area code when applicable NNN-NNN-NNNN (Area Code – Prefix – Number)	**C AN 1/80**

Segment: N1 Name
Level: Header
Usage: Mandatory
Max Use: 2
Purpose: To identify a party by type of organization, name, and code

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	**Entity Identifier Code**	**M ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual	
		RI Remit To	
		ST Ship To	
N102	93	**Name**	**C AN 1/60**
		Free-form name	
N103	66	**Identification Code Qualifier**	**C ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
N104	67	**Identification Code**	**C AN 2/80**
		Code identifying a party or other code	
		This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.	

Note: **When N101 (98) = 'ST' than N101, N103 and N104 are applicable.**
When N101 (98) = 'RI' than N101, N102, N103 and N104 are applicable.

Segment: N2 Additional Name Information
Level: Header
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N201	**93**	**Name** Free form name	**M AN 1/60**
N202	**93**	**Name** Free form name	**O AN 1/60**

Segment: N3 Address Information
Level: Header
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N301	**166**	**Address Information** Address information	**M AN 1/55**
N302	**166**	**Address Information** Address information	**O AN 1/55**

Segment: N4 Geographic Location
Level: Header
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N401	19	**City Name** Free-form text for city name	**O AN 2/30**
N402	156	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O ID 2/2**
N403	116	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O ID 3/15**

Segment: ITD Terms of Sale/Deferred Terms of Sale
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: To specify terms of sale

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	**Terms Type Code** Code identifying type of payment terms **14** Previously agreed upon	O ID 2/2
ITD02	333	**Terms Basis Date Code** Code identifying the beginning of the term's period **3** Invoice Date	O ID 1/2
ITD03	338	**Terms Discount Percent** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.	O R 1/6
ITD04	370	**Terms Discount Due Date** Date payment is due if discount is to be earned expressed in format CCYYMMDD	C DT 8/8
ITD05	351	**Terms Discount Days Due** Number of days in the terms discount period by which payment is due if terms discount is earned.	C N0 1/3
ITD06	446	**Terms Net Due Date** Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8
ITD07	386	**Terms Net Days** Number of days until total invoice amount is due (discount not applicable).	O N0 1/3
ITD08	362	**Terms Discount Amount** Total amount of term's discount	O N2 1/10
ITD09	388	**Terms Deferred Due Date** Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	O DT 8/8
ITD10	389	**Deferred Amount Due** Deferred amount due for payment	C N2 1/10
ITD11	342	**Percent of Invoice Payable** Amount of invoice payable expressed in percent.	C R 1/5
ITD12	352	**Description** A free-form description to clarify the related data elements and their content	O AN 1/80
ITD14	107	**Payment Method Code** Code identifying type of payment procedures **L** Letter of Credit (Imports Only)	O ID 1/2

Segment: DTM Date/Time Reference
Level: Header
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time **007** Effective **For terms** **-Or-** **011** Shipped	**M ID 3/3**
DTM02	373	**Date** Date expressed as CCYYMMDD	**C DT 8/8**

Segment: **FOB** **F.O.B. Related Instructions**
Level: Header
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	**Shipment Method of Payment** Code identifying payment terms for transportation charges **DF** Defined by Buyer and Seller	**M ID 2/2**
FOB02	309	**Location Qualifier** Code identifying type of location **OR** Origin (Shipping Point)	**C ID 1/2**
FOB03	352	**Description** A free-form description to clarify the related data elements and their content. **Free-form name of transportation responsibility location**	**O AN 1/80**

Segment: IT1 **Baseline Item Data (Invoice)**
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
IT101	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
IT102	358	**Quantity Invoiced** Number of units invoiced (supplier units)	C R 1/10
IT103	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken from original purchase order. **EA** Eaches	C ID 2/2
IT104	212	**Unit Price** Cost per unit of product, service, commodity, etc.	C R 1/17
IT105	639	**Basis of Unit Price Code** Code identifying the type of unit price for an item **NC** No Charge **TE** Contract Price per Each	O ID 2/2
IT106	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CB** Buyer's Catalog Number (**This code will be deleted after Version 004010).** **IT** Buyer's Style Number	C ID 2/2
IT107	234	**Product/Service ID** Identifying number for a product or service Rose's Item/SKU Number 999999999	C AN 1/48
IT108	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **VA** Vendor's Style Number	C ID 2/2
IT109	234	**Product/Service ID** Identifying number for a product or service Vendor Item Code/Style Number	C AN 1/48
IT110	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **VE** Vendor Color	C ID 2/2
IT111	234	**Product/Service ID** Identifying number for a product or service **This is the code assigned by the vendor.**	C AN 1/48

Segment: IT1 **Baseline Item Data (Invoice) continued**
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
IT112	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **SZ** Vendor Alphanumeric Size Code (NRMA)	**C ID 2/2**
IT113	234	**Product/Service ID** Identifying number for a product or service **This is the code assigned by the vendor.**	**C AN 1/48**
IT114	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **UP** U.P.C. Consumer Package Code (1-5-5-1)	**C ID 2/2**
IT115	234	**Product/Service ID** Identifying number for a product or service **This is the code assigned by the vendor.** **UPC 1-5-5-1**	**C AN 1/48**

Segment: PID Product/Item Description
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free form format

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	**Item Description Type** Code indicating the format of a description **F** Free form. **The description will be found in PID05.**	**M ID 1/1**
PID02	750	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic **08** Product	**O ID 2/3**
PID03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values **VI** Voluntary Inter-Industry Commerce Standard (VICS) EDI	**C ID 2/2**
PID05	352	**Description** A free-form description to clarify the related data elements and their content From original purchase order	**C AN 1/80**

Segment: PO4 Item Physical Details
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PO401	356	**Pack**	**O N0 1/6**
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
PO402	357	**Size**	**C R 1/8**
		Size of supplier units in pack	
PO403	355	**Unit or Basis for Measurement Code**	**C ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		EA Eaches	

Segment: **TDS** **Total Monetary Value Summary**
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
TDS01	**610**	**Amount** Monetary amount Total Invoice Amount	**M N2 1/15**
TDS02	**610**	**Amount** Monetary amount Amount Subject to Terms	**O N2 1/15**
TDS03	**610**	**Amount** Monetary amount Discounted Amount	**O N2 1/15**
TDS04	**610**	**Amount** Monetary amount Terms Discount Amount	**O N2 1/15**

Segment: CAD Carrier Detail
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify transportation details for the transaction

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
CAD01	91	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment **H** Customer Pickup **M** Motor (Common Carrier) **U** Private Parcel Service	O ID 1/2
CAD03	207	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O AN 1/10
CAD04	140	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	C ID 2/4
CAD05	387	**Routing** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C AN 1/35

Segment: SAC Service, Promotion, Allowance, or Charge Information
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
SAC01	248	**Allowance or Charge Indicator** Code which indicates an allowance or charge for the service specified **A** Allowance **C** Charge **N** No Allowance or Charge	**M ID 1/1**
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** Code identifying the service, promotion, allowance, or charge	**C ID 4/4**
SAC03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values **VI** Voluntary Inter-Industry Commerce Standard (VICS) EDI	**C ID 2/2**
SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code** Agency maintained code identifying the service, promotion, allowance, or charge	**C AN 1/10**
SAC05	610	**Amount** Monetary amount. **When SAC01 contains code A or code C, then this data element is required.**	**O N2 1/15**
SAC06	378	**Allowance/Charge Percent Qualifier** Code indicating on what basis allowance or charge percent is calculated **3** Discount/Gross - **All allowances are off the gross price including cash discount.**	**C ID 1/1**
SAC07	332	**Percent** Percent expressed as a percent	**C R 1/6**
SAC12	331	**Allowance or Charge Method of Handling Code** Code indicating method of handling for an allowance or charge **02** Off Invoice - **The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.**	**O ID 2/2**

Segment: ISS Invoice Shipment Summary
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ISS01	382	**Number of Units Shipped** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set. Quantity shipped	**C R 1/10**
ISS02	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **EA** Eaches	**C ID 2/2**
ISS03	81	**Weight** Numeric value of weight in pounds	**C R 1/10**
ISS04	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **LB** Pounds	**C ID 2/2**

Segment: CTT **Transaction Totals**
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
CTT01	**354**	**Number of Line Items**	**M N0 1/6**
		Total number of line items in the transaction set. **The number of IT1 segments present in the transaction set**	

Segment: **SE** **Transaction Set Trailer**
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
SE01	**96**	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
SE02	**329**	**Transaction Set Control Number**	**M AN 4/9**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **This must be the same number as is in the ST segment (ST02) for the transaction set.**	