Transaction Set 850 Version 4010VICS, Electronic Purchase Order

Segment: ISA - INTERCHANGE CONTROL HEADER		Level: ENVELOPE
Loop:	Max Use: 1	Usage: MANDATORY

PURPOSE: To start and identify an interchange of one or more functional groups.

	Data Element Name	NEXCOM Codes/Values
ISA01	Authorization Information Qualifier	"00"
ISA02	Authorization Information	Ten blank positions.
ISA03	Security Information Qualifier	"00"
ISA04	Security Information	Ten blank positions.
ISA05	Interchange ID Qualifier	"08" for Production. "ZZ" for Testing.
ISA06	Interchange Sender ID	"9252681859" for Production. "NEXCOM" for Testing.
ISA07	Interchange ID Qualifier	Supplier's ID qualifier.
ISA08	Interchange Receiver Id	Supplier's ID.
ISA09	Interchange Date	CCYYMMDD
ISA10	Interchange Time	HHMM
ISA11	Interchange Control Standards Identifier	"U" = ACS X12.
ISA12	Interchange Control Version Number	"00401"
ISA13	Interchange Control Number	Sequential Number.
ISA14	Acknowledgment Requested	"0"
ISA15	Test Indication	"P" for Production. "T" for Testing.
ISA16	Subelement Separator	">"

Segment: GS - FUNCTIONAL GROUP HEADER		Level: GROUP
Loop:	Max Use: 1	Usage: MANDATORY

PURPOSE: To start and identify a functional group of related transaction sets and provide control and application identification information.

	Data Element Name	NEXCOM Codes/Values
GS01	Functional Identifier Code	"PO" - Purchase Order.
GS02	Application Sender's Code	"9252671859" for Production. "NEXCOM" for Testing.
GS03	Application Receiver's Code	Supplier's ID.
GS04	Date	CCYYMMDD.
GS05	Time	HHMM.
GS06	Group Control Number	Sequential Number.
GS07	Responsible Agency Code	"X" - X12.
GS08	Version/Release/Industry Identifier Code	"004010VICS".

Segment: ST - TRANSACTION SET HEADER   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To indicate the start of a purchase order transaction set and to assign a control number.

	Data Element Name	**NEXCOM Codes/Values**
ST01	Transaction ID	"850"
ST02	Control Number	Sequential Number.

Segment: BEG - BEGINNING SEGMENT   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To identify a purchase order number and date.

	Data Element Name	**NEXCOM Codes/Values**
BEG01	Transaction Set Purpose Code	"00"
BEG02	Purchase Order Type Code	"SA" - Stand Alone.
BEG03	Purchase Order Number	Purchase Order Number.
BEG04	Release Number	Not used by NEXCOM.
BEG05	Purchase Order Date	CCYYMMDD

Segment: REF - REFERENCE NUMBER   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: REQUIRED**

PURPOSE: To specify identifying numbers.

	Data Element Name	**NEXCOM Codes/Values**
REF01	Reference Number Qualifier	"DP"
REF02	Reference Number	Department Number.

Segment: REF - REFERENCE NUMBER   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: REQUIRED**

PURPOSE: To specify identifying numbers.

	Data Element Name	**NEXCOM Codes/Values**
REF01	Reference Number Qualifier	"IA"
REF02	Reference Number	Duns Number

Segment: CSH - HEADER SALE CONDITION   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: REQUIRED**

PURPOSE: To specify general conditions or requirements of the sale.

	Data Element Name	**NEXCOM Codes/Values**
		"N" - No Back Order.
CSH01	Sales Requirement Code	"Y" - Back Order if Out of Stock.

Segment: SAC - ALLOWANCE OR CHARGE   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: OPTIONAL**

PURPOSE: To request or identify an allowance or charge and to specify the amount or a percentage of the allowance or charge.

	Data Element Name	**NEXCOM Codes/Values**

SAC01	Allowance/Charge Indicator	"A" - Allowance. "C" - Charge.
SAC02	Allowance/Charge Code	
SAC03	Agency Qualifier Code	Not used by NEXCOM.
SAC04	Agency Allowance/Charge Code	Not used by NEXCOM.
SAC05	Allowance/Charge Amount	
SAC06	Allowance/Charge Percent Qualifier	"3" - Discount/Gross.
SAC07	Allowance/Charge Percentage	
SAC08	Allowance/Charge Rate	
SAC12	Method of Handling	"02" - Off Invoice.

Note: The SAC segment may appear in the header or detail area of the transaction set.
If the segment appears in the header area, the data applies to the entire transaction set.
If the data appears in the detail area, the data applies only to that line item.

Segment: ITD - TERMS OF SALE **Level: HEADER**
Loop: **Max Use: 5** **Usage: OPTIONAL**

PURPOSE: To specify terms of sale.

	Data Element Name	**NEXCOM Codes/Values**
ITD01	Terms Type Code	"01" for Basic, "02" for EOM.
ITD02	Terms Basis Date Code	"2" for Delivery Date, "3" for Invoice Date.
ITD03	Terms Discount Percent	
ITD04	Terms Discount Due Date	
ITD05	Terms Discount Days	
ITD06	Terms Net Due Date	CCYYMMDD
ITD07	Terms Net Days	

Segment: DTM - DATE/TIME REFERENCE **Level: HEADER**
Loop: **Max Use: 10** **Usage: OPTIONAL**

PURPOSE: To specify pertinent dates and times.

	Data Element Name	**NEXCOM Codes/Values**
DTM01	Date/Time Qualifier	"037" - Ship not before.
DTM02	Date	CCYYMMDD
DTM01	Date/Time Qualifier	"038" - Ship not after.
DTM02	Date	CCYYMMDD

Segment: N1 - NAME **Level: HEADER**
Loop: N1 Repeat 200 **Max Use: 1** **Usage: OPTIONAL**

PURPOSE: To identify a party by type of organization, name and code.

	Data Element Name	**NEXCOM Codes/Values**
N101	Entity Identifier Code	"ST" -Ship To.
N102	Name	Ship To Name.
N103	Identification Code Qualifier	"92" - Assigned by Buyer.
N104	Identification Code	Location Code

Note: Either an N1 segment or an SDQ segment must exist at all times. If SDQ segment is used the N1 Segment is optional.
If N1 segment is used and SDQ segment exists then goods wil be prepackaged for the location code

specified in the SDQ segment and shipped to the location code specified in the N104 segment.
If there is no N1 segment, goods will be shipped directly to the location codes specified in the SDQ segment.

	Segment: N2 - ADDITIONAL NAME INFORMATION		Level: HEADER
	Loop: N1	Max Use: 2	Usage: OPTIONAL

PURPOSE: To specify additional names or those longer than 35 characters in length.

	Data Element Name	NEXCOM Codes/Values
N201	Name	CALL 1-800-XXX-XXXX FOR ROUTING INSTRUCTIONS
N202	Name	PO SUBJECT TO TERMS & CONDITIONS IN PUB. 61

	Segment: N3 - ADDRESS INFORMATION		Level: HEADER
	Loop: N1	Max Use: 2	Usage: OPTIONAL

PURPOSE: To specify the location of the named party.

	Data Element Name	NEXCOM Codes/Values
N301	Address Information	Ship-To Street Address.

	Segment: N4 - GEOGRAPHIC LOCATION		Level: HEADER
	Loop: N1	Max Use: 1	Usage: OPTIONAL

PURPOSE: To specify the geographic place of the named party.

	Data Element Name	NEXCOM Codes/Values
N401	City Name	Ship-To City.
N402	State or Province Code	Ship-To State.
N403	Postal Code	Ship-To Zip Code.

	Segment: N1 - NAME		Level: HEADER
	Loop: N1 Repeat 200	Max Use: 1	Usage: OPTIONAL

PURPOSE: To identify a party by type of organization, name and code.

	Data Element Name	NEXCOM Codes/Values
N101	Entity Identifier Code	"BT" - Bill To.
N103	Identification Code Qualifier	"92" - Assigned by Buyer.
N104	Identification Code	Location Code.

	Segment: N2 - ADDITIONAL NAME INFORMATION		Level: HEADER
	Loop: N1	Max Use: 2	Usage: OPTIONAL

PURPOSE: To specify additional names or those longer than 35 characters in length.

	Data Element Name	NEXCOM Codes/Values
N201	Name	Bill-To Name.

	Segment: N3 - ADDRESS INFORMATION		Level: HEADER
	Loop: N1	Max Use: 2	Usage: OPTIONAL

PURPOSE: To specify the location of the named party.

	Data Element Name	NEXCOM Codes/Values
N301	Address Information	Bill-To Address.

Segment: N4 - GEOGRAPHIC LOCATION		**Level: HEADER**
Loop: N1	**Max Use: 1**	**Usage: OPTIONAL**

PURPOSE: To specify the geographic place of the named party.

	Data Element Name	NEXCOM Codes/Values
N401	City Name	Bill-To City.
N402	State or Province Code	Bill-To State.
N403	Postal Code	Bill-To Zip Code.

Segment: PO1 - BASELINE ITEM DATA		**Level: DETAIL**
Loop: PO1 Repeat 100000	**Max Use: 1**	**Usage: REQUIRED**

PURPOSE: To specify basic and most frequently used line item data.

	Data Element Name	NEXCOM Codes/Values
PO101	Assigned Identification	Not used by NEXCOM.
PO102	Quantity Ordered	Quantity Ordered.
PO103	Unit of Measure	"EA" - Each
PO104	Unit Price	Price per Unit.
PO105	Basis of Unit Price	"WE" - Wholesale.
PO106	Product/Service ID Qualifier	UP"= UPC (1-5-5-1) or "EN" = EAN (2-5-5-1)
PO107	Product/Service ID	UPC/EAN
PO108*	Product/Service ID Qualifier	"VA"
PO109*	Product/Service ID	Vendor's Style Number
PO110*	Product/Service ID Qualifier	"VE"
PO111*	Product/Service ID	Vendor Color
PO112*	Product/Service ID Qualifier	"SM"
PO113*	Product/Service ID	NRMA Size Code

* Segment/element may or may not be included in transmission.

Segment: CTP - PRICING INFORMATION *		**Level: DETAIL**
Loop: PO1	**Max Use: 25**	**Usage: OPTIONAL**

PURPOSE: To specify pricing information.

	Data Element Name	NEXCOM Codes/Values
CTP01	Class of Trade Code	Not used by NEXCOM.
CTP02	Price Identifier Code	"RES" - Resale
CTP03	Unit Price	Retail Price

* Segment/element may or may not be included in transmission.

Segment: PID - PRODUCT/ITEM DESCRIPTION *		**Level: DETAIL**
Loop: PO1/PID Repeat 1000	**Max Use: 1**	**Usage: OPTIONAL**

PURPOSE: To describe a product in code or free -form format.

	Data Element Name	NEXCOM Codes/Values

PID01	Item Description Type	"F" = Free-form.
PID02	Product Characteristic Code	"75"
PID03	Agency Qualifier Code	Not used by NEXCOM.
PID04	Product Description Code	Not used by NEXCOM.
PID05	Description	Buyer's Color Description.
PID02	Product Characteristic Code	"08"
PID03	Description	Product Description.

* Segment/element may or may not be included in transmission.

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Segment: PO4 - ITEM PHYSICAL DETAILS *   **Level: DETAIL**
Loop: PO1   **Max Use: 1**   **Usage: OPTIONAL**

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PURPOSE: To specify the physical qualities, packaging, weights and dimensions of the item.

	Data Element Name	**NEXCOM Codes/Values**
PO401	Pack	No. of inner pack units per outer pack.
PO402	Size	Size of supplier units in pack.
PO403	Unit or Basis for Measurement Code	"EA"

* Segment/element may or may not be included in transmission.

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Segment: SDQ - DESTINATION QUANTITY *   **Level: DETAIL**
Loop: PO1   **Max Use: 500**   **Usage: OPTIONAL**

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PURPOSE: To specify destination and quantity detail.

	Data Element Name	**NEXCOM Codes/Values**
SDQ01	Unit of Measure	Same as PO103
SDQ02	Identification Code Qualifier	"92" for Assigned by Buyer.
SDQ03	Identification Code	Location Code
SDQ04	Quantity	Quantity
SDQ05	Identification Code	Location Code
SDQ06	Quantity	Quantity
SDQ07	Identification Code	Location Code
SDQ08	Quantity	Quantity
SDQ09	Identification Code	Location Code
SDQ10	Quantity	Quantity
SDQ11	Identification Code	Location Code
SDQ12	Quantity	Quantity
SDQ13	Identification Code	Location Code
SDQ14	Quantity	Quantity
SDQ15	Identification Code	Location Code
SDQ16	Quantity	Quantity
SDQ17	Identification Code	Location Code
SDQ18	Quantity	Quantity
SDQ19	Identification Code	Location Code
SDQ20	Quantity	Quantity
SDQ21	Identification Code	Location Code
SDQ22	Quantity	Quantity

Note: Either an N1 segment or an SDQ segment must exist at all times. If SDQ segment is used, N1 segment is optional.

If N1 segment is used and SDQ segment exists then goods will be prepackaged for the location code specified in the SDQ segment and shipped to the location code specified in the N104 segment.
If there is no N1 segment, goods will be shipped directly to the location codes specified in the SDQ Segment.

* Segment/element may or may not be included in transmission.

Segment: CTT - TRANSACTION TOTALS		**Level: SUMMARY**
Loop:	**Max Use: 1**	**Usage: MANDATORY**

PURPOSE: To transmit a hash total for a specific element in the transaction set.

	Data Element Name	**NEXCOM Codes/Values**
CTT01	Number of Line Items	Total Number of Line Items (PO1's).

Segment: SE - TRANSACTION SET TRAILER		**Level: SUMMARY**
Loop:	**Max Use: 1**	**Usage: MANDATORY**

PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments.

	Data Element Name	**NEXCOM Codes/Values**
SE01	Number of Segments	Include ST and SE segments.
SE02	Control Number	Sequential Number, same as ST02.

Segment: GE - FUNCTIONAL GROUP TRAILER		**Level: SUMMARY**
Loop:	**Max Use: 1**	**Usage: MANDATORY**

PURPOSE: To define the end of a functional group of related transaction sets.

	Data Element Name	**NEXCOM Codes/Values**
GE01	Number of Transaction Sets Included	Total Number of Transaction Sets.
GE02	Group Control Number	Sequential Number, same as GS06.

Segment: IEA - INTERCHANGE CONTROL TRAILER		**Level: ENVELOPE**
Loop:	**Max Use: 1**	**Usage: MANDATORY**

PURPOSE: To define the end of an interchange of one or more functional groups and related control.

	Data Element Name	**NEXCOM Codes/Values**
IEA01	Number of Included Functional Groups	Count of GS Segments in Transmission.
IEA02	Interchange Control Number	Sequential number. Same as ISA 13.

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