

bigg's HYPER MARKETS
ELECTRONIC DATA INTERCHANGE MANUAL
VERSION 4010VICS PURCHASE ORDER AND INVOICE
Edition 1
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bigg's HYPER MARKETS

ELECTRONIC DATA INTERCHANGE MANUAL

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ELECTRONIC DATA INTERCHANGE MANUAL

OVERVIEW

bigg's Hyper Markets utilizes Electronic Data Interchange (EDI) as a means of transmitting and receiving data with its vendors. In order to avoid security and compatibility problems, all of our data must pass through a third party network. The network which bigg's Hyper Markets uses is Sterling Commerce. At this time, we support only the VICS subset of the ANSI X.12 Standards for data formatting. For companies using something other than this, Sterling does offer a translation service.

bigg's Hyper Markets in-house contacts for all EDI related questions and issues are:

Sharon Seitz, Director of MIS, Ext. 402
Paul Smith, EDI Coordinator, Ext. 494
Paul.G.Smith@Supervalu.com

biggs Hyper Markets
25 Whitney Drive
Milford, Oh 45150
Phone: (513) 248-9300
Fax: (513) 831-5829

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GENERAL SPECIFICATIONS

MAILBOX INFORMATION:

In order for bigg's Hyper Markets to have the ability to trade on a network with your company, we will need to exchange DUNS Numbers. Our DUNS Number is 108572843 with Qualifier of 01.

FORMAT STRUCTURE:

biggs Hyper Markets uses the VICS EDI Standards when sending and receiving data. We use the ISA-Interchange Control Header, the GS-Functional Group Header, and the ST-Transaction Set Header as an envelope for the data being transmitted or received.

DATA DELIMITERS:

We use certain characters to indicate the end of a record or field. The character that signifies the end of a record is the EBCDIC hex value "15". The element separator character is hex "5C" ("*"). The sub-element character is hex "6E" (">").

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PURCHASE ORDER
OVERVIEW

The following pages identify the VICS EDI segments and associated elements which bigg's Hyper Markets provides for the 850 Purchase Orders.

Purchase Orders will be transmitted by 1:00 p.m. and 6:00 p.m. (Eastern Standard Time) to the Sterling Commerce Network seven days a week.

biggs Hyper Markets transmits in VICS EDI Version 004010VICS for the 850-Purchase Order.

Functional Acknowledgments (997-FA) are expected.

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PURCHASE ORDER

SEGMENT DEFINITION

ISA			Interchange Control Header
	GS		Functional Group Header
		ST	Transaction Set Header
		BEG	Beginning Segment For P.O.
		REF	Internal Vendor Number
		ITD	Terms of Sales
		DTM	Cancel Date reference
		DTM	Ship By Date reference
		TD5	Carrier Details
		N1	Buying Party
		N1	Ship To Name
		N3	Ship To Address
		N4	Ship To City, State, Zip
		N1	Bill To Name
		N3	Bill To Address
		N4	Bill To City, State, Zip
		PO1	P.O. Line Items
		CTT	Transaction Totals
		SE	Transaction Set Trailer
	GE		Functional Group Trailer
IEA			Interchange Control Trailer

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PURCHASE ORDER

ELEMENT DEFINITION

ISA SEGMENT:

'00'	Authorization Information Qualifier
	Authorization Information
'00'	Security Information Qualifier
	Security Information
'01'	Interchange ID Qualifier
'108572843'	Interchange Sender ID
Vendor Qualifier	Interchange ID Qualifier
Vendor ID #	Interchange Receiver ID
YYMMDD	Date
HHMM	Time
'U'	Interchange Control Standard ID Code
'00401'	Interchange Version
Interchange Control #	Interchange Control Number
'0'	Acknowledge Requested
'P'	Production Indicator
'>'	Sub-element Separator

GS SEGMENT:

'PO'	Functional Identifier
'108572843'	Application Sender's Code
Vendor ID#	Application Receiver's Code
CCYYMMDD	Data Interchange Date
HHMM	Data Interchange Time
Data Interchange Control #	Data Interchange Control #
'X'	Responsible Agency Code
'004010VICS'	Version/Release/ Industry ID Code

ST SEGMENT:

'850'	Transaction Set Identifier Code
Transaction Set Control #	Transaction Set Control Number

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ELECTRONIC DATA INTERCHANGE
PURCHASE ORDER
ELEMENT DEFINITION

HEADER:

<u>SEGMENT</u>	<u>ELEMENT</u>	<u>TYPE</u>	<u>COMMENT</u>
BEG01	353	ID	'00' Original
BEG02	92	ID	'RE' Reorder
BEG03	324	AN	Purchase Order Number
BEG05	373	DT	Purchase Order Date CCYYMMDD
REF01	128	ID	'IA' Internal Vendor Number
REF02	127	AN	'#####' bigg's Internal Vendor No.
ITD01	336	ID	'14' Previously agreed upon
ITD02	333	ID	'2' Delivery Date
ITD07	386	AN	Terms Net Days
DTM01	374	ID	'001' Cancel After
DTM02	373	DT	Cancel Date CCYYMMDD
DTM03	337	TM	'2359' Cancel Time
DTM01	374	ID	'010' Requested Ship Date
DTM02	373	DT	Scheduled Ship Date CCYYMMDD
DTM03	337	TM	'2359' Scheduled Ship Time
TD501	133	ID	'B' Delivery/Shipping Method
TD505	387	AN	Routing Instructions
N101	98	ID	'BY' Buying Party
N103	66	ID	'92' Assigned By Buyer
N104	67	ID	Store Number

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PURCHASE ORDERS

ELEMENT DEFINITION

HEADER:

<u>SEGMENT</u>	<u>ELEMENT</u>	<u>TYPE</u>	<u>COMMENT</u>
N101	98	ID	'ST' Ship To
N102	93	AN	Ship To Store Name
N103	66	ID	'92' Assigned by Biggs
N104	67	ID	Five Digit Store Number
N301	166	AN	Store Address 1
N401	19	AN	Store City
N402	156	ID	Store State
N403	116	ID	Store Zip Code
N101	98	ID	'BT' Bill To
N102	93	AN	'HYPER MARKETS' Bill To Name
N103	66	ID	'92' Assigned by Biggs
N104	67	ID	'00000' Corporate number
N301	166	AN	'25 WHITNEY DR' Bill To Address
N401	19	AN	'MILFORD' Bill To City
N402	156	ID	'OH' Bill To State
N403	116	ID	'45150' Bill To Zip

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PURCHASE ORDER

ELEMENT DEFINITION

DETAIL:

<u>SEGMENT</u>	<u>ELEMENT</u>	<u>TYPE</u>	<u>COMMENTS</u>
PO101	350	AN	Assigned Identification
PO102	330	R	Quantity Ordered
PO103	355	ID	'EA' Each
PO104	212	R	Cost
PO106	235	ID	'UP' = UPC or 'SK' = SKU
PO107	234	AN	UPC or SKU Number
PO108	235	ID	'VA" Vendor Style
PO109	234	AN	Vendor Style Number
PO110	235	ID	'IZ' Pack Size
PO111	234	AN	Vendors Pack Size

SUMMARY:

<u>SEGMENT</u>	<u>ELEMENT</u>	<u>TYPE</u>	<u>COMMENTS</u>
CTT01	354	N0	Number of Line Items
CTT02	347	R	Hash Totals

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ELECTRONIC DATA INTERCHANGE MANUAL

INVOICE

OVERVIEW

The following pages identify the VICS EDI segments and associated elements which bigg's Hyper Markets needs to process 810 Invoice.

Invoices will be received at 5:30 a.m. & 10:30 p.m. (Eastern Standard Time) to the Sterling Commerce Network seven days a week.

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EDI INVOICE

SEGMENT DEFINITION

ISA		Interchange Control Header
GS		Functional Group Header
	ST	Transaction Set Header
	BIG	Beginning Segment For Invoice
	N1	Remit To Name
	N3	Remit To Address
	N4	Remit To City, State, Zip
	N1	bigg's five digit Store Number
	ITD	Terms
	DTM	Date Time Qualifier
	FOB	F.O.B. Related Instructions
	IT1	Baseline Item Data
	PID	Product/Item Desc.
	TDS	Total Monetary Value Summary
	CAD	Carrier Detail
	SAC	Allowance, Charge, or Service
	ISS	Invoice Shipment Summary
	CTT	Transaction Totals
	SE	Transaction Set Trailer
GE		Functional Group Trailer
IEA		Interchange Control Trailer

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EDI INVOICE

MANDATORY SEGMENTS & ELEMENTS

ISA SEGMENT:

'00'	Authorization Information Qualifier
	Authorization Information
'00'	Security Information Qualifier
	Security Information
'01'	Interchange ID Qualifier
'108572843'	Interchange Sender ID
Vendor Qualifier	Interchange ID Qualifier
Vendor ID #	Interchange Receiver ID
YYMMDD	Date
HHMM	Time
'U'	Interchange Control Standard ID Code
'00401'	Interchange Version
Interchange Control #	Interchange Control Number
'0'	Acknowledge Requested
'P'	Production Indicator
'>'	Sub-element Separator

GS SEGMENT:

'IN'	Functional Identifier
Vendor ID#	Application Sender's Code
'108572843'	Application Receiver's Code
CCYYMMDD	Data Interchange Date
HHMM	Data Interchange Time
Data Interchange Control #	Data Interchange Control #
'X'	Responsible Agency Code
004010VICS	Version/Release/ Industry ID Code

ST SEGMENT:

'810'	Transaction Set Identifier Code
Transaction Set Control #	Transaction Set Control Number

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EDI INVOICE

HEADER:

<u>SEGMENT</u>	<u>ELEMENT</u>	<u>TYPE</u>	<u>CODE</u>	<u>COMMENT</u>
BIG01	373	DT	M	Invoice Date CCYYMMDD
BIG02	76	AN	M	Invoice Number
BIG03	373	DT	M	Purchase Order Date CCYYMMDD
BIG04	324	AN	M	Purchase Order Number
				<u>MUST BE biggs ORIGINAL P.O. NUMBER</u>
N101	98	ID	M	'RI' Remit To
N102	93	AN	M	Remit Name
N103	66	ID	M	'92'
N104	67	ID	M	'XXXXXXX' bigg's Internal Vendor No. (Contact bigg's EDI Coordinator)
N301	166	AN	M	Remit Address 1
N302	166	AN	O	Remit Address 2
N401	19	AN	M	Remit City
N402	156	ID	M	Remit State
N403	116	ID	M	Remit Zip
N101	98	ID	M	'ST' Ship To
N103	66	ID	M	'92'
N104	67	ID	M	'XXXXX' bigg's Five digit Store Number
ITD01	336	ID	O	Term Type Code
ITD02	333	ID	O	Term Basis Date Code
ITD03	338	R	O	Terms Discount %
ITD04	370	DT	O	Terms Discount Due Date
ITD05	351	NO	O	Terms Discount Days Due
ITD06	446	DT	O	Terms Net Due Date
ITD07	386	NO	O	Terms Net Days
ITD08	362	N2	O	Terms Discount Amount
ITD09	388	DT	O	Terms Deferred Due Date
ITD10	389	N2	O	Deferred Amount Due
ITD11	342	R	O	Percent of Invoice Payable
ITD12	352	AN	O	Terms Description

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<u>SEGMENT</u>	<u>ELEMENT</u>	<u>TYPE</u>	<u>CODE</u>	<u>COMMENT</u>
DTM01	374	ID	M	'011' Date/Time Qualifier Code
DTM02	373	DT	M	Ship Date CCYYMMDD
FOB01	146	ID	O	Ship Method of Payment
<u>DETAIL:</u>				
IT101	350	AN	O	Assigned Identification - Line #
IT102	358	R	M	Quantity Invoiced
IT103	355	ID	M	'EA' Unit of Measure
IT104	212	R	M	Unit Price
IT105	639	ID	O	Basis of Unit Price Code
IT106	235	ID	M	'UP' or 'SK'
IT107	234	AN	M	UPC or SKU Number
PID01	349	ID	O	Item Desc. Type 'F' Freeform Desc.
PID05	352	AN	O	Item Description
<u>SUMMARY:</u>				
TDS01	610	N2	M	Total Invoice Amount
TDS02	610	N2	O	Amount Subject to Discount
TDS03	610	N2	O	Discounted Amount Due
TDS04	610	N2	O	Terms Discount Amount
CAD05	387	AN	C	Routing
CAD07	128	ID	O	Reference Identification Qualifier
CAD08	127	AN	O	Reference Number (Bill of Lading)
Maximum of 4 Allowance or Charges (any combination)				
SAC01	248	ID	M	Allowance or Charge
SAC02	1300	ID	C	Allowance or Charge Code
SAC05	610	N2	C	Allowance Total Amount
SAC12	331	ID	O	Allowance or Charge Method Code
SAC15	352	AN	C	Allowance or Charge Description
ISS01	382	R	O	Number of Units Shipped
ISS02	355	ID	O	'EA' Unit of Measure Code
ISS03	81	R	O	Weight
ISS04	355	ID	O	'LB' Unit of Measure Code
CTT01	354	N0	M	Number of Line Items

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STORE LOCATION LIST

<u>#</u>	<u>STORE</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP</u>
00000	CORPORATE OFFICE	25 WHITNEY DR. SUITE 122	MILFORD	OH	45150
00001	bigg's EASTGATE	4450 EASTGATE BLVD.	CINCINNATI	OH	45245
00002	bigg's FOREST FAIR	550 CINCINNATI MILLS RD.	CINCINNATI	OH	45240
00003	bigg's HIGHLAND	1340 HIGHLAND AVE.	CINCINNATI	OH	45213
00006	bigg's CLARKSVILLE	951 LEWIS AND CLARK PKWY.	CLARKSVILLE	IN	47129
00007	bigg's FLORENCE	4874 HOUSTON RD.	FLORENCE	KY	41042
00008	bigg's WESTERN HILLS	5071 GLENCROSSING WAY	CINCINNATI	OH	45238
00009	bigg's MASON	9600 MASON MONTGOMERY RD.	MASON	OH	45040
00010	bigg's HARRISON	10501 NEW HAVEN ROAD	HARRISON	OH	45030
00011	bigg's SKYTOP	5218 BEECHMONT AVE.	CINCINNATI	OH	45230
00012	bigg's COLERAIN	8340 COLERAIN AVE.	CINCINNATI	OH	45239
00015	bigg's WEST CHESTER	4924 UNION CENTRE PAVILION	WEST CHESTER	OH	45069
00017	bigg's DELHI	5025 DELHI ROAD	CINCINNATI	OH	45238
00018	bigg's HYDE PARK	3872 PAXTON ROAD	CINCINNATI	OH	45209
00078	bigg's LIQUOR	4874 HOUSTON RD.	FLORENCE	KY	41042