

STATER BROS. MARKETS

UCS PRODUCT ACTIVITY DATA

DELIVERY/RETURNS

852/Version 004010UCS

Using SDQ Segments

CONTROL SEGMENTS

SEGMENT: **ISA** – Interchange Control Header
 LEVEL: Header
 USAGE: Mandatory
 PURPOSE: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
ISA01	I01	Author Information Qualifier	2/2	ID	M	00 – No authorization information present
ISA02	I02	Author Information	10/10	AN	M	Blank filled
ISA03	I03	Security Information Qualifier	2/2	ID	M	00 – No security information present
ISA04	I04	Security Information	10/10	AN	M	Blank filled
ISA05	I05	Interchange ID Qualifier	2/2	ID	M	UCC EDI Communications ID
ISA06	I06	Interchange Sender ID	15/15	AN	M	ID Code described by ISA05
ISA07	I05	Interchange ID Qualifier	2/2	ID	M	08 – UCC EDI Communications ID
ISA08	I07	Interchange Receiver ID	15/15	AN	M	ID Code described by ISA07 9257450000
ISA09	I08	Interchange Date	6/6	DT	M	YYMMDD – the date the interchange was created in the sender's system
ISA10	I09	Interchange time	4/4	TM	M	HHMM – The time the interchange was created in the sender's system
ISA11	I10	Interchange Cntl Standards Identifier	1/1	ID	M	U – U.S. EDI community of ASC X12, TDCC, and UCS
ISA12	I11	Interchange Cntl Version Number	5/5	ID	M	00401
ISA13	I12	Interchange Cntl Number	9/9	N0	M	Control number assigned by the interchange sender
ISA14	I13	Acknowledgment Requested	1/1	ID	M	0 – no acknowledgement requested
ISA15	I14	Test Indicator	1/1	ID	M	P – Production T – Test
ISA16	I15	Component Element Separator	1/1		M	> – HEX 6E in EBCDIC

UCS PRODUCT ACTIVITY DATA – DELIVERY/RETURNS (cont.)

SEGMENT: **GS** – Functional Group Header
 LEVEL: Header
 USAGE: Mandatory
 PURPOSE: To indicate the beginning of a functional group and to provide control information

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
GS01	479	Functional ID Code	2/2	ID	M	PD
GS02	142	Application Senders Code	2/15	AN	M	Sender's GS ID
GS03	124	Application Receivers Code	2/15	AN	M	9097838918
GS04	373	Date	8/8	DT	M	CCYYMMDD
GS05	337	Time	4/8	TM	M	HHMM
GS06	28	Group Cntl Number	1/9	N0	M	Sender Assigned
GS07	455	Responsible Agency Code	1/2	ID	M	T
GS08	480	Version/Release ID Code	1/12	AN	M	004010UCS

HEADER AREA

SEGMENT: **ST** – Transaction Set Header
 LEVEL: Header
 USAGE: Mandatory
 PURPOSE: To indicate the start of a transaction set and to assign a control number

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
ST01	143	Transaction Set ID Code	1/2	ID	M	852
ST02	329	Transaction Set Cntl Number	4/9	AN	M	Assigned by the originator of the transaction set

SEGMENT: **XQ** – Reporting Date/Action
 LEVEL: Header
 USAGE: Mandatory
 PURPOSE: To specify reporting date and action to be taken

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
XQ01	305	Transaction Handle Code	1/2	ID	M	H
XQ02	373	Date	8/8	DT	M	Start Date of Reporting Period – Format CCYYMMDD
XQ03	373	Date	8/8	DT	O	End Date of the Reporting Period – Format CCYYMMDD

SEGMENT: N9 – Reference Identification
LEVEL: Header
USAGE: Mandatory
PURPOSE: To transmit identifying information as specified by the Reference Identification Qualifier
Notes: This segment is used to identify Delivery/Return.
**** Deliveries and Returns must be in a separate ST/SE transaction. Do not mix deliveries and returns in the same ST/SE transaction. ****

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
N901	128	Reference Ident Qual	2/3	ID	M	ZZ
N902	127	Reference Ident	1/30	AN	M	DELIVERY or RETURN

SEGMENT: N9 – Reference Identification
LEVEL: Header
USAGE: Mandatory
PURPOSE: To transmit identifying information as specified by the Reference Identification Qualifier
Notes: This segment is used to identify a delivery or return
Notes: This segment is used to transmit the Delivery or Return ticket number
Note: Transmit only 1 delivery ticket per store

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
N901	128	Reference Ident Qual	2/3	ID	M	DJ or IK or DI
N902	127	v	1/30	AN	M	Invoice Number

SEGMENT: N1 – Name
LEVEL: Header
USAGE: Mandatory
PURPOSE: To identify a party by type of organization, name and code

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
----------------------	--------------	------	---------	------	-----------------------------	--------

N101	98	Entity ID Code	2/2	ID	M	SF = Ship From Vendor - Mandatory ST = Ship to Retailer SN = Retailer Store - Mandatory
N102	93	Name	1/35	AN	M	Company Name - Mandatory
N103	66	ID Code Qualifier	1/2	ID	M	9 = 9 digit Duns plus 4 digit suffix (if no suffix, use 0000) - Mandatory For N101 = SN, N103 = 92 - Mandatory
N104	67	ID Code	2/20	AN	M	For N101 = SF N104 = 9 digit Duns plus 4 Digit Suffix for the vendor - Mandatory For N101 = ST, N104 = 1077284200000 - Mandatory For N101 = SN, N104 = 3 Digit Stater Bros store number - Mandatory

SEGMENT: **DTM** – Date/Time Reference
LEVEL: Header
USAGE: Mandatory
PURPOSE: To specify pertinent dates and times
Note: A separate EDI 852 delivery document is required for a specific delivery date.
This segment should be placed in N101 = “SN” segment

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
DTM01	374	Date/Time Qualifier	3/3	ID	M	035 = Delivery or Return Date
DTM02	373	Date	8/8	DT	M	CCYYMMDD

DETAIL AREA

SEGMENT: **LIN** – Item Identification
LEVEL: Detail
USAGE: Mandatory
PURPOSE: To specify basic item identification data

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
LIN01	350	Assigned ID	1/20	AN	O	Sequential Number
LIN02	235	Prod/Serv ID Qual	2/2	ID	M	UD = Consumer Package Code (Format 2-5-5) GR = Class Code
LIN03	234	Product/Service ID	1/48	AN	M	UPC Consumer Code – 12 Digit UPC Code – Format 2-5-5 – No check digit for LIN02 = UD;

						When LIN02 = GR, this is The class code
--	--	--	--	--	--	--

SEGMENT: **ZA** – Product Activity Reporting
LEVEL: Detail
USAGE: Mandatory
PURPOSE: To provide activity details concerning product being reported

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
ZA01	859	Activity Code	2/2	ID	M	

SEGMENT: **SDQ** – Destination Quantity
LEVEL: Detail
USAGE: Mandatory
PURPOSE: To specify destination and quantity detail

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
SDQ01	355	Unit Basis/Meas Code	2/2	ID	M	EA - Each
SDQ02	066	ID Code Qualifier	1/2	ID	M	92 = Assigned by Buyer or Buyer's Agent
SDQ03	967	ID Code	2/80	AN	M	Store Number – 3 Digit Store Number
SDQ04	380	Quantity	1/15	R3	M	Quantity – For SDQ03 Note: If a DELIVERY transaction, this value is positive. If a RETURN transaction, this value is negative.

SUMMARY AREA

SEGMENT: **CTT** – Transaction Totals
LEVEL: Summary
USAGE: Optional
PURPOSE: To transmit a hash total for a specific element in the transaction set

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/	Values
----------------------	--------------	------	---------	------	----------------	--------

					Optional (O)	
CTT01	354	Number of Line Items	1/6	N0	M	Count of the number of line items

SEGMENT: **SE** – Transaction Set Trailer
 LEVEL: Summary
 USAGE: Mandatory
 PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
SE01	96	Number of Included Segments	1/10	N0	M	Number of Segments
SE02	329	Transaction Set Cntl Number	4/9	AN	M	Cntl Number

CONTROL SEGMENTS

SEGMENT: **GE** – Functional Group Trailer
 LEVEL: Summary
 USAGE: Mandatory
 PURPOSE: To indicate the end of a functional group and to provide control information

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
GE01	97	Number of TS included	1/6	N0	M	Number of TS
GE02	28	Group Cntl Number	1/9	N0	M	Cntl Number

SEGMENT: **IEA** – Interchange Control Trailer
 LEVEL: Summary
 USAGE: Mandatory
 PURPOSE: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
IEA01	116	Number of Included Functional Group	1/5	N0	M	Count of GS segments within the transmission
IEA02	112	Interchange Cntl Number	9/9	N0	M	Same as ISA13

Sample Delivery Transaction.

ST*852*000255001~
XQ*H*20120416*20120423~
N9*ZZ*DELIVERY~
N9*DJ*ABCDE18789~ OR N9*IK*ABCDE18789~ OR N9*DI*ABCDE18789~ ← one unique invoice per store
N1*ST*STATER BROS.*9*1077284200000~
N1*SF*NESTLE DSD-ICE CREAM (SBT)*9*0665638590000~
N1*SN*STATER BROS.STORE #189*92*189~
DTM*035*20120417~
LIN*1*UD*007457065148~
ZA*QS~
SDQ*EA *92*189*4~
LIN*2*UD*002347065148~
ZA*QS~
SDQ*EA *92*189*4~
CTT*1~
SE*16*000255001~

Sample Return Transaction

ST*852*000255001~
XQ*H*20120416*20120423~
N9*ZZ*RETURN~
N9*DJ*ABCDE18789~ OR N9*IK*ABCDE18789~ OR N9*DI*ABCDE18789~ ← one unique invoice per store
N1*ST*STATER BROS.*9*1077284200000~
N1*SF*NESTLE DSD-ICE CREAM (SBT)*9*0665638590000~
N1*SN*STATER BROS.STORE #189*92*189~
DTM*035*20120417~
LIN*1*UD*007457065148~
ZA*QS~
SDQ*EA *92*189*-4~ ≤= **Note: Returned Quantities must be negative values**
LIN*2*UD*002347065148~
ZA*QS~
SDQ*EA *92*189*-4~ ≤= **Note: Returned Quantities must be negative values**
CTT*1~
SE*16*000255001~