

STATER BROS. MARKETS

UCS PRODUCT ACTIVITY DATA

Daily POS Scan Sales

Outbound From Stater Bros to the Vendor

852/Version 004010UCS

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	Sender Interchange ID Qualifier	2/2	ID	M	UCC EDI Communications ID 08
ISA06	I06	Interchange Sender ID	15/15	AN	M	ID Code described by ISA05 9257450000
ISA07	I05	Receiver Interchange ID Qualifier	2/2	ID	M	Communications ID
ISA08	I07	Interchange Receiver ID	15/15	AN	M	ID Code described by ISA07
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 – DAILY POS SCAN SALES (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	9097838918
GS03	124	Application Receivers Code	2/15	AN	M	Receiver’s GS ID
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 the Reporting Period – Format CCYYMMDD
XQ03	373	Date	8/8	DT	O	End Date of the Reporting Period – Format CCYYMMDD

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	CQ = Retailer - Mandatory VN = Vendor – Mandatory
N102	93	Name	1/35	AN	M	Company Name - Mandatory
N103	66	ID Code Qualifier	1/2	ID	M	9 = Duns plus 4 digit suffix (if no suffix, use 0000)
N104	67	ID Code	2/20	AN	M	For N101 = CQ or VN, N104 = 13 characters (9 digit duns plus a 4 digit suffix) - Mandatory

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	UK – GTIN 14 digit item code qualifyery
LIN03	234	Product/Service ID	1/48	AN	M	14 digit GTIN item code with the check digit
LIN04	235	Prod/Serv ID Qual	2/2	ID	M	ZZ Date the sales were sent to the vendor – format YYYYMMDD ZZ – Mandatory if an addendum ADDENDUM – Used to convey addendums – Mandatory if an addendum
LIN05	234	Product/Service ID	1/48	AN	M	
LIN06	235	Prod/Serv ID Qual	2/2	ID	O/M	
LIN07	234	Product/Service ID	1/48	AN	O/M	

Note: An addendum is sent when a POS sale was already sent for the specific vendor, store and date sold

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	QS = Quantity Sold
ZA04	374	Date/Time Qualifier	3/3	ID	M	051 = Cumulative Quantity Start
ZA05	373	Date	8/8	DT	M	Date the product was sold - format YYYYMMDD

SEGMENT: **CTP** – Pricing Information
 LEVEL: Detail
 USAGE: Optional
 PURPOSE: To specify pricing information

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
CTP02	236	Price ID Code	3/3	ID	M	PUR - Net Cost Qualifier UCP - List Cost Qualifier SPC - Allowance Amount Qualifier
CTP03	212	Unit Price	1/17	R4	M	Net Cost, Current List Cost or Total Current Promotion

SEGMENT: SDQ – Destination Quantity
 LEVEL: Detail
 USAGE: Mandatory
 PURPOSE: To specify destination and quantity detail
 Note: The 12 digit invoice number will be included for SBT only. The invoice number will not be included for DSD 852 Sales. The elements are: SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19 and SDQ21.

Reference Designator	Data Element	Name	Min/Max	Type	Mandatory (M)/ Optional (O)	Values
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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 plus a hyphen plus a 12 digit Invoice Number
SDQ04	380	Quantity	1/15	R3	M	Quantity – For SDQ03
SDQ05	067	ID Code	2/80	AN	Paired with 5 and 6	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ06	380	Quantity	1/15	R3	Paired with 5 and 6	Quantity – For SDQ05
SDQ07	067	ID Code	2/80	AN	Paired with 7 and 8	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ08	380	Quantity	1/15	R3	Paired with 7 and 8	Quantity – For SDQ07
SDQ09	067	ID Code	2/80	AN	Paired with 9 and 10	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ10	380	Quantity	1/15	R3	Paired with 9 and 10	Quantity – For SDQ09
SDQ11	067	ID Code	2/80	AN	Paired with 11 and 12	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ12	380	Quantity	1/15	R3	Paired with 11 and 12	Quantity – For SDQ11
SDQ13	067	ID Code	2/80	AN	Paired with 13 and 14	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ14	380	Quantity	1/15	R3	Paired with 13 and 14	Quantity – For SDQ13
SDQ15	067	ID Code	2/80	AN	Paired with 15 and 16	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ16	380	Quantity	1/15	R3	Paired with 15 and 16	Quantity – For SDQ15
SDQ17	067	ID Code	2/80	AN	Paired with 17 and 18	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ18	380	Quantity	1/15	R3	Paired with 17 and 18	Quantity – For SDQ17
SDQ19	067	ID Code	2/80	AN	Paired with 19 and 20	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ20	380	Quantity	1/15	R3	Paired with 19 and 20	Quantity – For SDQ19
SDQ21	067	ID Code	2/80	AN	Paired with 21 and 22	Store Number – 3 Digit Store Number plus a hyphen plus a 12 digit Invoice Number
SDQ22	380	Quantity	1/15	R3	Paired with 21 and 22	Quantity – For SDQ21

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)/ Optional (O)	Values
CTT01	354	Number of Line Items	1/6	N0	O	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	
SE02	329	Transaction Set Cntl Number	4/9	AN	M	

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 TS included	1/6	N0	M	Number of TS
IEA02	112	Group Cntl Number	1/9	N0	M	Cntl Number

Sample Daily POS Scan Sales Transaction – no Addendum – consisting of multiple stores for sales on 5/16/2012 sent on 5/17/2012

ST*852*00002001~
XQ*H*20120517~
N1*CQ*STATER BROS.*9*107728420000~
N1*VN*ABC BAKERY (SBT)*9*0018945680000~
LIN**UK*00092250003988*ZZ*20120517~
ZA*QS***051*20120516~
CTP**PUR*2.24~
SDQ*EA*92*003*2*008*1*022*1*023*1*024*2*025*2*028*1*040*1*049*1*054*1~
SDQ*EA*92*057*1*059*1*065*2*069*1*074*2*078*2*080*1*081*1*082*1*084*2~
SDQ*EA*92*086*1*091*1*096*1*098*1*101*2*113*1*115*1*120*1*123*1*135*1~
SDQ*EA*92*147*1*148*2*154*1*155*1*156*1*157*1*165*1*169*1*171*1*173*1~
SDQ*EA*92*174*1*180*1*181*1*182*1*183*1*185*1*188*1~
LIN**UK*00098250004787*ZZ*20120517~
ZA*QS***051*20120516~
CTP**PUR*2.24~
SDQ*EA*92*003*2*006*1*018*1*019*1*022*1*023*1*025*1*029*1*033*1*035*1~
SE*172*00002001~

Sample Daily POS Scan Sales Transaction – with an Addendum – consisting of stores 147, 065, 101, 057 and 040 for sales on 5/16/2012 sent on 5/21/2012

ST*852*00003001~
XQ*H*20120521~
N1*CQ*STATER BROS.*9*107728420000~
N1*VN*HOLSUM BAKERY, INC (SBT)*9*0032945680000~
LIN**UK*00092250003988*ZZ*20120521*ZZ*ADDENDUM~
ZA*QS***051*20120501~
CTP**PUR*2.24~
SDQ*EA*92*040*1*057*1*065*2*101*2*147*1~
LIN**UK*00098250004787*ZZ*20120521*ZZ*ADDENDUM~
ZA*QS***051*20120501~
CTP**PUR*2.24~
SDQ*EA*92*057*1*101*3~
LIN**UK*00065450004862*ZZ*20120521*ZZ*ADDENDUM~
ZA*QS***051*20120501~
CTP**PUR*2.24~
SDQ*EA*92*040*1~
SE*53*00003001~