

North State Grocery, Inc. EDI 852 Specification

The following specifications contain the Product Activity Transaction Set (EDI 852) for use to advise a trading partner of inventory, sales, and other product activity information. The Product Activity data (852) transaction set for the Scan Based Trading can be used to detail store level product sales and inventory cost movement. The receiver of the transaction set will maintain some type of inventory/product movement records for the trading partner to enable inventory movement at a store level based upon the data provided.



DOCUMENT STRUCTURAL HIERARCHY

COMMUNICATION CONTROL HEADERS

Position	Segment ID	Name	Req	Max Use
	ISA	Interchange Control Header	M	1
	GS	Functional Group Header	M	1

HEADER

Position	Segment ID	Name	Req	Max Use
010	ST	Transaction Set Header	M	1
020	XQ	Reporting Data/Action	M	1
040	N9	Reference Identification	O	>1

DETAIL

Position	Segment ID	Name	Req	Max Use
LOOP ID – LIN	(Loop Repeat 999999)			
010	LIN	Item Identification	O	1
LOOP ID – ZA	(Loop Repeat >1)			
080	ZA	Product Activity Reporting	O	1

SUMMARY

Position	Segment ID	Name	Req	Max Use
	CTT	Transaction Totals	O	1
	SE	Transaction Set Trailer	M	1

COMMUNICATION CONTROL TRAILERS

Position	Segment ID	Name	Req	Max Use
	GE	Functional Group Trailer	M	1
	IEA	Interchange Control Trailer	M	1



UCS 852 004010 PRODUCT ACTIVITY DATA for SCAN BASED TRADING



EDI	NAME	STANDARDS					NSG, Inc.
		Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

ISA	Interchange Control Header						
ISA01	AUTHORIZATION INFO QUALIFIER	I01	M	2	2	ID	00 = NO AUTHORIZATION INFO PRESENT
ISA02	AUTHORIZATION INFORMATION	I02	M	10	10	AN	NO INFO BUT BLANK-FILLED
ISA03	SECURITY INFO QUALIFIER	I03	M	2	2	ID	00 = NO SECURITY INFO REQUIRED
ISA04	SECURITY INFORMATION	I04	M	10	10	AN	NO INFO BUT BLANK-FILLED
ISA05	INTERCHANGE ID QUALIFIER	I05	M	2	2	ID	08 = NSG's UCC QUALIFIER
ISA06	INTERCHANGE SENDER ID	I06	M	15	15	AN	603448770 = NSG's ISA COMM ID
ISA07	INTERCHANGE ID QUALIFIER	I07	M	2	2	ID	_ _ = TRADING PARTNER'S EDI ID QUALIFIER
ISA08	INTERCHANGE RECEIVER ID	I08	M	15	15	AN	TRADING PARTNER'S ISA COMM ID
ISA09	INTERCHANGE DATE	I09	M	6	6	DT	DATE IN YYMMDD FORMAT
ISA10	INTERCHANGE TIME	I10	M	4	4	TM	TIME IN HHMM FORMAT
ISA11	INTERCHANGE CONTROL STANDARD ID	I11	M	1	1	ID	U = CODE VALUE for U.S. EDI COMMUNITY
ISA12	ISA CONTROL VERSION NUMBER	I12	M	5	5	ID	00401 = VERSION USED
ISA13	INTERCHANGE CONTROL NUMBER	I13	M	9	9	NO	INTERCHANGE CONTROL NUMBER
ISA14	ACK REQUESTED	I14	M	1	1	ID	0 = NO ACKNOWLEDGEMENT REQUESTED
ISA15	TEST INDICATOR	I15	M	1	1	ID	P = PRODUCTION DATA (T = TEST)
ISA16	COMPONENT ELEMENT SEPARATOR	I16	M	1	1	ID	> = SUB-ELEMENT SEPARATOR
NSG USES THE FOLLOWING CHARACTERS:							* = ELEMENT SEPARATOR (ASTERISK)
							~ = SEGMENT TERMINATOR (TILDE)

Sample Data:

ISA*00* *00* *08*603448770 *08*1234567890 *090820*2000*U*00401*000005651*0*P*>~

GS	Functional Group Header						
GS01	FUNCTIONAL ID CODE	479	M	2	2	ID	FUNCTIONAL ID CODE: PD
GS02	APPLICATION SENDER CODE	142	M	2	15	AN	NSG's GS ID = 603448770
GS03	APPLICATION RECEIVER CODE	124	M	2	15	AN	TRADING PARTNER'S GS ID
GS04	DATE	373	M	8	8	DT	DATE IN CCYYMMDD FORMAT
GS05	TIME	337	M	4	8	TM	TIME IN HHMM FORMAT
GS06	GROUP CONTROL NUMBER	28	M	1	9	NO	GS CONTROL # INCREMENTED WITHIN ISA
GS07	RESPONSIBLE AGENCY CODE	455	M	1	2	ID	T FOR UCS (X FOR VICS OR X12)
GS08	VERSION/RELEASE ID CODE	480	M	1	12	AN	004010UCS = VERSION RELEASE USED

Sample Data:

GS*PD*603448770*1234567890*20090820*2000*5572*T*004010UCS~

ST	Transaction Set Header						
ST01	TRANSACTION SET ID CODE	143	M	3	3	ID	TRANSACTION SET CODE: 852
ST02	TRANSACTION SET CONTROL NUMBER	329	M	4	9	AN	CONTROL NUMBER RELATIVE TO GS06

Sample Data:

ST*852*0001~



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EDI	NAME	STANDARDS					NSG, Inc.
		Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

XQ	REPORTING DATA/ACTION						
XQ01	TRANSACTION HANDLING CODE	305	M	1	2	ID	H=NOTIFICATION ONLY
XQ02	DATE	373	M	8	8	DT	DATE EXPRESSED AS CCYYMMDD

Sample Data:
XQ*H*20081212~

N9	REFERENCE IDENTIFICATION						
N901	REFERENCE IDENTIFICATION QUALIFIER	128	M	2	3	ID	ST=STORE
N902	REFERENCE IDENTIFICATION	127	M	1	2	AN	STORE ID NUMBER
N903	STORE NAME	369	O	1	45	AN	FREE FORM STORE NAME

Sample Data:
N9*ST*000004*Holiday Quality Food~

LIN	ITEM IDENTIFICATION	Item Identification Loop					
LIN01	ASSIGNED ID	350	O	1	20	AN	ELEMENT NOT USED
LIN02	PROD/SERV ID QUALIFIER	235	M	2	2	ID	UD=UPC/EAN CONSUMER CODE(2-5-5)
LIN03	PROD/SERVICE ID	234	M	1	48	AN	CONSUMER UPC
LIN04	REFERENCE NUMBER QUALIFIER	234	M	2	2	ID	VN=VENDOR NUMBER
LIN05	PRODUCT ID		M	1	30	AN	PRODUCT ID

Sample Data:
LIN**UD*0007203000081*VN*617~

ZA	PRODUCT ACTIVITY REPORTING	Product Activity Reporting Loop					
ZA01	ACTIVITY CODE	859	M	2	2	ID	QS=QUANTITY SOLD
ZA02	QUANTITY	380	C	1	15	R3	QUANTITY SOLD
ZA03	UNIT/BASIS MEASURE CODE	355	C	2	2	ID	EA=EACH, UNIT OF MEASURE

Sample Data:
ZA*QS*3*EA~

CTT	TRANSACTION TOTALS						
CTT01	NUMBER OF LINE ITEMS	354	M	1	68	NO	TOTAL NUMBER OF ITEMS IN TRANSACTION

Sample
CTT*2~

SE	TRANSACTION SET TRAILER						
SE01	NUMBER OF INCLUDED SEGMENTS	96	M	1	10	NO	# OF SEGMENTS FROM ST TO SE
SE02	TRANSACTION SET CONTROL NUMBER	329	M	4	9	AN	MUST BE SAME # AS IN ST SEGMENT

Sample Data:
SE*9*0001~



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EDI	NAME	STANDARDS					NSG, Inc.
		Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

GE	FUNCTIONAL GROUP TRAILER						
GE01	NUMBER OF TRANSACTION SETS INCLUDED	97	M	1	6	NO	# OF SETS IN FUNCTIONAL GROUP
GE02	GROUP CONTROL NUMBER	28	M	1	9	NO	SAME AS GS06

Sample Data:
GE*1*5572~

IEA	INTERCHANGE CONTROL TRAILER						
IEA01	# OF INCLUDED FUNCTIONAL GROUP	116	M	1	5	NO	# OF GROUPS IN THE INTERCHANGE
IEA02	INTERCHANGE CONTROL NUMBER	112	M	9	9	NO	SAME NUMBER AS ISA13

Sample Data:
IEA*1*000005651~

SAMPLE 852 RAW DATA

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ISA*00*      *00*      *08*603448770  *08*1234567890  *090820*2000*U*00401*000005651*0*P*>~
GS*PD*603448770*1234567890*20090820*2000*5572*T*004010UCS~
ST*852*0001~
XQ*H*20081212~
N9*ST*000004*Holiday Quality Food~
LIN**UD*0007203000081*VN*617~
ZA*QS*3*EA~
LIN**UD*00072030000837*VN*598~
ZA*QS*1*EA~
CTT*2~
SE*9*0001~
GE*1*5572~
IEA*1*000005651~

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