

855 Purchase Order

Acknowledgment

The goal of this documentation is to present the UCS 855 004010 and how it is currently being utilized in Safeway's EDI communications. Safeway adheres to the UCS standards. This guide defines the segments and elements as required by Safeway according to these standards.

All trading Partners that send 855 transactions to Safeway must be capable of receiving processing and acknowledging 824 application advice. An 824 is sent to report errors in processing of the 855 and advise of the disposition of the errors. A detailed explanation of the possible errors and corrective action is included at the end of the 824 implementation guide

855 Purchase Order Acknowledgment
Version Release 004030UCS

Functional Group ID = PR

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	BAK	Purchase Order ID	M	1
150	DTM	Reference Identification	O	10
LOOP ID 300 – N1 (Loop Repeat 200)				
300	N1	Name	O	1

DETAIL

Position	Segment ID	Name	Req	Max Use
LOOP ID 010 – PO1 (Loop Repeat 100000)				
010	PO1	Line Item Detail - Product	M	1

SUMMARY

Position	Segment ID	Name	Req	Max Use
LOOP ID 010 – CTT (Loop Repeat 1)				
010	CTT	Total Purchase Order	O	1
030	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

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EDI	NAME	STANDARDS					SAFEWAY
		Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

HEADER

ISA	Interchange Control Header						
ISA01	AUTHORIZATION INFO QUALIFIER	101	M	2	2	ID	00 = NO AUTHORIZATION INFO PRESENT
ISA02	AUTHORIZATION INFORMATION	102	M	10	10	AN	NO INFO BUT BLANK-FILLED
ISA03	SECURITY INFO QUALIFIER	103	M	2	2	ID	00 = NO SECURITY INFO REQUIRED
ISA04	SECURITY INFORMATION	104	M	10	10	AN	NO INFO BUT BLANK-FILLED
ISA05	INTERCHANGE ID QUALIFIER	105	M	2	2	ID	__ = SENDER'S EDI ID QUALIFIER
ISA06	INTERCHANGE SENDER ID	106	M	15	15	AN	SENDER'S ISA COMM ID
ISA07	INTERCHANGE ID QUALIFIER	105	M	2	2	ID	08 = SAFEWAY'S UCC QUALIFIER
ISA08	INTERCHANGE RECEIVER ID	107	M	15	15	AN	9251750000 = SAFEWAY'S ISA COMM ID
ISA09	INTERCHANGE DATE	108	M	6	6	DT	DATE IN YYMMDD FORMAT
ISA10	INTERCHANGE TIME	109	M	4	4	TM	TIME IN HHMM FORMAT
ISA11	REPITITION SEPARATOR	110	M	1	1		^ = HEX IE in EBCDIC and ASCII
ISA12	ISA CONTROL VERSION NUMBER	111	M	5	5	ID	VERSION USED = 00403
ISA13	INTERCHANGE CONTROL NUMBER	112	M	9	9	NO	INTERCHANGE CONTROL NUMBER
ISA14	ACK REQUESTED	113	M	1	1	ID	0 = NO ACKNOWLEDGEMENT REQUESTED
ISA15	USAGE INDICATOR	114	M	1	1	ID	P = PRODUCTION DATA (T = TEST)
ISA16	COMPONENT ELEMENT SEPARATOR	115	M	1	1	ID	> = SUB-ELEMENT SEPARATOR
SAFEWAY USES THE FOLLOWING CHARACTERS:							* = ELEMENT SEPARATOR (ASTERISK)
							~ = SEGMENT TERMINATOR (TILDE)

Sample Data:

ISA*00* *00* *12*716000000 *08*9251750000*030228*1300*^*00403*000012636*0*P*>~

GS	Functional Group Header						
GS01	FUNCTIONAL ID CODE	479	M	2	2	ID	FUNCTIONAL ID CODE: PR
GS02	APPLICATION SENDER CODE	142	M	2	15	AN	TRADING PARTNER'S GS ID
GS03	APPLICATION RECEIVER CODE	124	M	2	15	AN	SAFEWAY'S GS ID = 8019721193
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 #
GS07	RESPONSIBLE AGENCY CODE	455	M	1	2	ID	T FOR UCS
GS08	VERSION/RELEASE ID CODE	480	M	1	12	AN	VERSION RELEASE 004030 UCS

Sample Data:

GS*PR*716000000*8019721193*20030128*1040*12636*T*004030UCS~

ST	Transaction Set Header						
ST01	TRANSACTION SET ID CODE	143	M	3	3	ID	TRANSACTION SET CODE: 855
ST02	TRANSACTION SET CONTROL NUMBER	329	M	4	9	AN	CONTROL NUMBER RELATIVE TO GS06

Sample Data:

ST*855*126360001~

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		STANDARDS					SAFEWAY	
EDI	NAME	Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED	

BAK	Beginning Segment for Purchase Order Acknowledgment						
BAK01	TRANSACTION SET PURPOSE CODE	353	M	2	2	ID	'00' = ORIGINAL NOTIFICATION OF PRODUCTS BEING SHIPPED
BAK02	ACKNOWLEDGMENT TYPE	587	M	2	2	ID	'AP' = ACKNOWLEDGE PRODUCT REPLENISHMENT
BAK03	PURCHASE ORDER NUMBER	324	M	1	22	AN	PURCHASE ORDER NUMBER MUST BE 6 DIGITS
BAK04	DATE	373	M	8	8	DT	PO DATE ASSIGNED BY THE SUPPLIER

Sample Data:
BAK*00*AP*328886*20030228~

DTM	Date/Time Reference						
DTM01	DATE/TIME QUALIFIER	374	M	3	3	ID	YOU MAY SEND 002, 017, 035, 065, 067 , 069, 070, 072, 073, 074, AND 075 DATE QUALIFIERS WHICH WILL ALL BE INTERPERATED AS THE EXPECTED RECEIVING DATE IN OUR WAREHOUSE FOR BOTH DELIVERED AND PICKED UP ORDERS. DATE QUALIFIERS 010, 011, 066, 068, 079, 080, 081, 083, 084, AND 110 WILL AL BE INTERPERATED AS SHIP DATE.
DTM02	DATE	373	C	8	8	DT	DATE P.O. WILL BE RECEIVED

Sample Data:
DTM*067*20030306~

N1	Vendor Name	Vendor information loop					
N101	ENTITY ID CODE	98	M	2	3	ID	'VN' = VENDOR NAME
N102	NAME	93	C	1	60	AN	VENDOR NAME
N103	ID CODE QUALIFIER	66	C	1	2	ID	'9' = INDICATES 'DUNS +4'
N104	ID CODE	67	C	2	80	AN	VENDOR DUNS +4

Sample Data:
N1*VN*Good Foods*9*001300000000~

N1	Ship-to Name	Ship-to information loop					
N101	ENTITY ID CODE	98	M	2	3	ID	'ST' = SHIP-TO ENTITY
N102	NAME	93	C	1	60	AN	
N103	ID CODE QUALIFIER	66	C	1	2	ID	'9' = INDICATES 'DUNS +4'
N104	ID CODE	67	C	2	80	AN	009137209XXXX – SEE 'SHIP-TO DUNS LIST'

Sample Data:
N1*ST**9*0091372092535~

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		STANDARDS					SAFEGWAY
EDI	NAME	Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

DETAIL

PO1	Baseline Item Data	Baseline Item Data Loop					
PO101	ASSIGNED IDENTIFICATION	350	O	1	20	AN	MAPPED, BUT NOT USED BY SAFEWAY
PO102	QUANTITY ORDERED	330	C	1	15	R0	QUANTITY ORDERED
PO103	UNIT OR BASIS OF MEASUREMENT CODE	355	O	2	2	ID	'CA' = CASE 'EA' = EACH
PO104	UNIT PRICE	212	C	1	17	R4	MAPPED, BUT NOT USED BY SAFEWAY PRICING IS PULLED BY THE SAFEWAY BUYING SYSTEM, NOT THIS TRANSACTION
PO105	BASIS OF UNIT PRICE CODE	639	O	2	2	ID	MAPPED, BUT NOT USED BY SAFEWAY
PO106	PRODUCT/SERVICE ID QUALIFIER	235	C	2	2	ID	'UA' = UPC/EAN CODE SAFEWAY ONLY ACCEPTS 'UA'. ALL OTHER VALUES ARE REJECTED
PO107	PRODUCT/SERVICE ID	234	C	1	48	AN	UPC PRODUCT ID

Sample Data:

PO1**2080*CA***UA*008760000000~

SUMMARY

CTT	Transaction Totals	Transaction Totals Loop					
CTT01	NUMBER OF LINE ITEMS	354	M	1	6	NO	NUMBER OF PO1 SEGMENTS PRESENT IN THE TRANSACTION SET

Sample Data:

CTT*1~

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*12*126360001~

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 <u>GS06</u>

Sample Data:

GE*1*1361~

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 <u>ISA13</u>

Sample Data:

IEA*1*000012636~

Sample UCS 855 004030 Raw Data

ISA*00* *00* *12*7160000000 *08*9251750000*030228*1300*^*00403*000012636*0*P*>~
GS*PR*7160000000*8019721193*20030228*1300*12636*T*004030UCS~
ST*855*126360001~
BAK*00*AP*328886*20030228~
DTM*067*20030306~
DTM*068*20030305~
TD5****H~
N1*VN*Good Foods*9*0013000000000~
N1*ST**9*0091372092535~
N1*SF**9*0013000000000~
PO1**2080*CA***UA*008760000000~
PO4*4~
CTT*1~
SE*12*126360001~
ST*855*126360002~
BAK*00*AP*300000*20030228~
DTM*067*20030306~
DTM*068*20030305~
TD5****H~
N1*VN*Good Foods*9*0013000000000~
N1*ST**9*0091372092535~
N1*SF**9*0013000000000~
PO1**75*CA***UA*008768402000~
PO4*4~
PO1**75*CA***UA*008768400000~
PO4*6~
PO1**320*CA***UA*008768400000~
PO4*4~
PO1**160*CA***UA*008768400000~
PO4*4~
PO1**320*CA***UA*008768400000~
PO4*4~
PO1**160*CA***UA*008768400000~
PO4*10~
PO1**160*CA***UA*008768400000~
PO4*10~
PO1**150*CA***UA*008768400000~
PO4*6~
PO1**480*CA***UA*008768400000~
PO4*4~
PO1**160*CA***UA*008768400000~
PO4*4~
CTT*10~
SE*30*126360002~
GE*2*12636~
IEA*1*000012636~

SUMMARY NOTES

Safeway has modified the 855 transaction to make the PO1 segment mandatory. This means that the 855 will be rejected and a 997 will be returned with error if there is not at least one line item (PO1) in the order.