

880 Invoice
ANSI X.12 Version 4010

*** HEADER AREA ***

SEG ID	SEGMENT NAME	REQ DES	MAX USE	LOOP REPEAT
ISA	Interchange Control Header	M	1	
GS	Functional Group Header	M	1	
ST	Transaction Set Header	M	1	
G01	Invoice Identification	M	1	
N9	Reference Number	O	10	
G62	Date/Time	O	5	
G27	Carrier Detail	O	5	
G23	Terms of Sale	O	20	
G25	F.O.B. Information	O	1	
<i>Loop Id - 100</i>				<i>10</i>
N1	Name	M	1	
N3	Address Information	O	2	
N4	Geographic Location	O	1	
<i>Loop Id - 200</i>				<i>100</i>
G72	Allowance or Charge	O	1	
G73	Allowance or Charge Description	O	10	

*** DETAIL AREA ***

<i>Loop Id - 300</i>				<i>9999</i>
G17	Item Detail - Invoice	O	1	
G69	Line Item Detail - Description	O	5	
G20	Item Packing Detail	O	1	
<i>Loop Id - 310</i>				<i>100</i>
G72	Allowance or Charge	O	1	
G73	Allowance or Charge Description	O	10	

*** SUMMARY AREA ***

G31	Total Invoice Quantity	M	1	
G33	Total Dollars Summary	M	1	
SE	Transaction Set Trailer	M	1	
GE	Functional Group Trailer	M	1	
IEA	Interchange Control Trailer	M	1	

NOTE: The Mandatory and Optional indicators are in accordance with the segment's requirement within the ANSI standards. All segments shown are required by McLane.

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ISA Interchange Control Header

ISA*00* *00* *01*SENDERS ID*01*RECEIVERS
ID*YYMMDD*HHMM*U*00401*123456789* 0*P*>

Element Element #	Description	Qualifiers/Definitions	Length Min/Max
ISA01 I01	Authorization Information Qualifier	00 No Authorization Sent	2/2 ID
ISA02 I02	Authorization Information	Leave Blank	10/10 AN
ISA03 I03	Security Information Qualifier	00 No Security Information Present	2/2 ID
ISA04 I04	Security Information	Leave Blank	10/10 AN
ISA05 I05	Interchange ID Qualifier	01 DUNS Number 14 DUNS Number + 4 char suffix ZZ Mutually Defined	2/2 ID
ISA06 I06	Interchange Sender ID	Sender's Identification Number	15/15 AN
ISA07 I05	Interchange ID Qualifier	01 DUNS Number 16 DUNS + 4 char suffix	2/2 ID
ISA08 I07	Interchange Receiver ID	Receiver's Identification Number	15/15 AN
ISA09 I08	Interchange Date	YYMMDD	6/6 DT
ISA10 I09	Interchange Time	HHMM	4/4 TM
ISA11 I10	Interchange Control Standards Identifier	U X12	1/1 ID
ISA12 I11	Interchange Control Version Number	00401 Version 4, Release 1	5/5 ID
ISA13 I12	Interchange Control Number	Control Number assigned by the sender	9/9 NO
ISA14 I13	Acknowledgment Requested	0 Acknowledgment Requested	1/1 ID
ISA15 I14	Test Indicator	P Production T Test	1/1 ID
ISA16 I15	Subelement Separator	> EBCDIC - 6E ASCII - 3E	1/1

Note: Data Element ISA14 does not refer to the functional acknowledgment (transaction set 997). McLane requires the use of the Functional Acknowledgment (997) in all cases.

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The following data element attributes are used in this document.

Attribute Type	Symbol
Numeric	Nn (n indicates decimal positions)
Decimal Number	R
Identifier	ID
String	AN

Attribute Type	Symbol
ISA Date	DT (YYMMDD)
All other dates	DT (CCYYMMDD)
Time	TM (HHMMSSd..d)
Binary	B
Fixed-Length String	FS

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GS Function Group Header

GS*IG*SENDERS ID*RECEIVERS ID*CCYYMMDD*HHMM*123456789*X*004010

GS*GP*SENDERS ID*RECEIVERS ID*CCYYMMDD*HHMM*123456789*X*004010

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
GS01 479	Functional Identifier Code	IG Invoice Information GP Grocery Products Invoice	2/2 ID
GS02 142	Application Sender's Code	Sender's Code	2/15 AN
GS03 124	Application Receiver's Code	Receiver's Code	2/15 AN
GS04 29	Group Date	CCYYMMDD	8/8 DT
GS05 30	Group Time	HHMM	4/8 TM
GS06 28	Group Control Number	Control Number assigned by the Sender	1/9 N0
GS07 455	Responsible Agency Code	X X12	1/2 ID
GS08 480	Version/Release/Industry Identifier Code	004010	1/12 AN

ST Transaction Set Header

ST*880*123456789

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
ST01 143	Transaction Set Identifier Code	880 Invoice	3/3 ID
ST02 329	Transaction Set Control Number	Control Number assigned by the Sender	4/9 AN

G01 Invoice Identification

G01*CCYYMMDD*123456789*CCYYMMDD*A12345-01

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G0101 373	Invoice Date	CCYYMMDD	8/8 DT
G0102 76	Invoice Number	Identifying Number assigned by Sender	1/22 AN
G0103 373	Purchase Order Date	CCYYMMDD	8/8 DT
G0104 324	Purchase Order Number	McLane Purchase Order Number Associated with this Invoice	1/22 AN

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N9 Reference Number
N9*BM*123456789

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
N901 128	Reference Number Qualifier	BM Bill of Lading Number	2/3 ID
N902 127	Reference Number	Bill of Lading Number	1/30 AN

G62 Date/Time
G62*11*CCYYMMDD

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G6201 432	Date Qualifier	11 Shipped on this date	2/2 ID
G6202 373	Date	CCYYMMDD	8/8 DT

G27 Carrier Detail
G27*M**ROADWAY**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G2701 91	Transportation Method/Type Code	K Back Haul M Motor (Common Carrier) R Rail U Private Parcel Service (Not a Complete List)	1/2 ID
G2705 387	Routing	Free form description of the routing requested for shipment, or the originating carrier's identity	1/35 AN

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G23 Terms of Sale

G23*01*3*2.50*20001230*15*20001231*17*25*975****2.5%, 15 net 17**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G2301 336	Terms Type Code	01 Basic 03 Fixed Date 04 Deferred or Installment 05 Discount not Applicable 07 Extended 08 Basic -Discount offered 09 Proximo 14 Previously agreed upon	2/2 ID
G2302 333	Terms Basis Date Code	1 Ship Date 2 Delivery Date 3 Invoice Date	1/2 ID
G2305 338	Terms Discount Percent	Discount percentage, expressed as a percent	1/6 R
G2306 370	Terms Discount Due Date	Date payment is due if discount is to be earned	8/8 DT
G2307 351	Terms Discount Days Due	Number of days in the terms discount period	1/3 N0
G2308 446	Terms Net Due Date	Date when total invoice amount becomes due	8/8 DT
G2309 386	Terms Net Days	Number of days until total invoice is due (discount not applicable)	1/3 N0
G2310 362	Terms Discount Amount	Total discount amount	1/10 N2
G2311 391	Discounted Amount Due	Amount of invoice due if paid by terms discount due date	1/10 N2
G2315 3	Description	Free Form Message	1/60 AN

Note: McLane requires a numeric value appear in data elements 370 (G2307) and 386 (G2309). Blanks in these fields will cause the invoice TO FAIL and will delay processing.

G25 F.O.B Information

G25*CC*1

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G2501 146	Shipment method of payment	CC Collect PP Prepaid (by Seller)	2/2 ID
G2502 433	F.O.B Point Code	Code identifying type of F.O.B point	2/2 ID

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N1 Name

N1*BT*McLane Company, INC.*9*0098305550960

N1*PD*John T. Buyer

N1*ST*McLane Southwest*9*0098305550100

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
N101 98	Entity Identifier Code	BT Bill To Party PD Purchasing Department Buyer ST Ship To	2/3 ID
N102 93	Name	Free form text name	1/60 AN
N103 66	Identification Code Qualifier	9 Duns Number + 4 char suffix	1/2 ID
N104 67	Identification Code	Identification Code	2/80 AN

N3 Address Information

N3*P. O. BOX 6131 (Bill To Address)

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
N301 166	Address Information	Free form text for line 1 of address	1/55 AN

N4 Geographic Location

N4*Temple*TX*76503 (Bill To Address)

N4*Brookhaven*MS*39601 (Ship To Address)

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
N401 19	City Name	Free form text for city name	2/30 AN
N402 156	State or Province Code	State/Province Abbreviation	2/2 ID
N403 116	Postal Code	Zip Code	3/15 ID

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G72 Allowance or Charge
G72*5*02*1234510**2135**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G7201 340	Allowance or Charge Code	Refer to data element 340 for codes	1/3 ID
G7202 331	Allowance or Charge Method of Handling Code	01 Bill Back 02 Off Invoice (Not A Complete List)	2/2 ID
G7203 341	Allowance or Charge Number	Number referencing an allowance, promotion, deal or charge	1/16 AN
G7208 360	Allowance or Charge Total Amount	Total dollar amount for the allowance or charge	1/15 N2

G73 Allowance or Charge Description
G73*Promotional Allowance

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G7301 369	Free-form Description	Description of Allowance or Charge	1/45 AN

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G17 Item Detail - Invoice

G17*30*CA*10*001234567890*CB*123456*VN*ABCDEF

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G1701 358	Quantity Invoiced	Numeric value of quantity invoiced	1/10 R
G1702 355	Unit of Measurement code	CA Case EA Each PL Pallet/Unit Load	2/2 ID
G1703 237	Item List Cost	Gross unit cost within the appropriate price bracket	1/9 R
G1704 438	U.P.C. Case Code	Case code including two high order digits identifying the system	12/12 AN
G1705 235	Product Service ID Qualifier	CB Buyer's Catalog Number	2/2 ID
G1706 234	Product Service ID	McLane Item Number	1/40 AN
G1707 235	Product Service ID Qualifier	VN Vendor's Item Number	2/2 ID
G1708 234	Product Service ID	Vendor's Item Number	1/40 AN

G69 Line Item Detail - Description

G69*PRODUCT DESCRIPTION

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G6901 369	Free-form Description	Free-form description of the line item	1/45 AN

G20 Item Packing Details

G20*12

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G2001 356	Pack	Number of inner pack units per outer pack unit	1/6 NO

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G72 Allowance or Charge
G72*5*02*12345**1254**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G7201 340	Allowance or Charge Code	Refer to data element 340 for codes	1/3 ID
G7202 331	Allowance or Charge Method of Handling Code	01 Bill Back 02 Off Invoice (NOT COMPLETE LIST)	2/2 ID
G7203 341	Allowance or Charge Number	Number referencing an allowance, promotion, deal or charge	1/16 A N
G7208 360	Allowance or Charge Total Amount	Total dollar amount for the allowance or charge	1/9 N2

G73 Allowance or Charge Description
G73*Promotional Allowance

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G7301 369	Free-form Description	Description of Allowance or Charge	1/45 AN

G31 Total Invoice Quantity
G31*30*CA*3000*LB*14*CF

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G3101 382	Number of Units Shipped	Numeric value of units shipped	1/10 R
G3102 355	Unit or Basis for Measurement Code	CA Case	2/2 ID
G3103 81	Weight	Numeric value of weight	1/10 R
G3104 355	Unit or Basis for Measurement Code	LB Pounds	2/2 ID
G3105 183	Volume	Value of Volumetric Measure	1/8 R
G3106 355	Unit or Basis for Measurement Code	CF Cubic Feet	2/2 ID

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**G33 Total Dollars Summary
G33*975**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
G3301 610	Total Invoice Amount	Amount (including charges, less allowances) before terms discount (if discount applicable)	1/15 N2

**SE Transaction Set Trailer
SE*12*123456789**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
SE01 96	Number of included segments	Total number of segments including ST and SE segments	1/10 N0
SE02 329	Transaction Set Control Number	Same control number used in the ST segment	4/9 AN

**GE Functional Group Trailer
GE*1*123456789**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
GE01 97	Number of Transaction Sets Included	Total number of transaction sets included in the functional group	1/6 N0
GE02 28	Group Control Number	Same control number used in the GS segment	1/9 N0

**IEA Interchange Control Trailer
IEA*1*123456789**

Element Element #	Description	Qualifiers/Definition	Min/Max Attributes
IEA01 I16	Number of included functional groups	A count of functional groups included in a transmission	1/5 N0
IEA02 I12	Interchange Control Number	Same control number used in the ISA segment	9/9 N0