



Business Message Documentation

Application Type	EDI Business Message (EBM)
M3 version	BE15
M3 Business Message	COI - Customer Order Invoice
Message Direction	Outbound
Message Application	Wal-Mart X12 810 5010

Map name	M3BE15_COI_Out_Wal-Mart_X12_810_5010
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Introduction

This document is a Message Implementation Guideline (MIG) for an EDI Business Message (EBM) used in Infor's enterprise application, M3. It defines in detail the collaboration logic between an EDI message specification and the M3 system. This logic is implemented in an EBM, which is a component in the M3 EDI solution.

The MIG supplied by Infor is usually based on a standard MIG from an EDI implementation standardization organization such as EANCOM, Odette or VICS, and is a subset of the standard MIG, based on the business functionality in M3.

This document consists of two major sections: Elements Used and Element Documentation. The section Elements Used provides an overall view of all EDI elements used in this MIG. The section Element Documentation provides detailed specifications of each and every group, segment, composite and element implemented in the EBM. The element information is presented in the order in which the elements are defined in the standard EDI message.



Elements Used

This section contains a summary of all elements used in this message application, that is, the elements that have documentation attached. Group number, segment name, composite name (if applicable), element name and description are provided for these elements. The elements are listed in message structure order.



Group	Segment	Composite /Element	Element	Description
0 M 1				
	BIG M 1			BIG - Beginning Segment for Invoice
			0076 M	Invoice Number
			0324 C	Purchase Order Number
			0373 M	Date
	CAD C 1			CAD - Carrier Details
			0091 M	Transportation Method/Type Code
	CTT C 1			CTT - Transaction Totals
			0354 M	Number of Line Items
	DTM C 10			DTM - Date/Time Reference
			0373 C	Date
			0374 M	Date/Time Qualifier
	FOB C 1			FOB - F.O.B. Related Instructions
			0146 M	Shipment Method of Payment
	ITD C 9999999			ITD - Terms of Sale/ Deferred Terms of Sale
			0333 C	Terms Basis Date Code
			0336 C	Terms Type Code
			0352 C	Description
			0386 C	Terms Net Days
			0446 C	Terms Net Due Date

Group	Segment	Composite /Element	Element	Description
0 M 1				
	REF C 12			REF - Reference Information
			0127 C	Reference Identification
			0128 M	Reference Identification Qualifier
	ST M 1			ST - Transaction Set Header
			0143 M	Transaction Set Identifier Code
			0329 M	Transaction Set Control Number
	TDS M 1			TDS - Total Monetary Value Summary
			0610 M	Amount
	TXI C 9999999			TXI - Tax Information
			0782 C	Monetary Amount
			0954 C	Percentage as Decimal
			0963 M	Tax Type Code
1 C 200				Loop Id N1
	N1 C 1			N1 - Party Identification
			0066 C	Identification Code Qualifier
			0067 C	Identification Code
			0093 C	Name
			0098 M	Entity Identifier Code
	N3 C 2			N3 - Party Location
			0166 M	Address Information

Group	Segment	Composite /Element	Element	Description
1 C 200				Loop Id N1
	N4 C 1			N4 - Geographic Location
			0019 C	City Name
			0026 C	Country Code
			0116 C	Postal Code
			0156 C	State or Province Code
6 C 200000				Loop Id IT1
	IT1 C 1			IT1 - Baseline Item Data (Invoice)
			0212 C	Unit Price
			0234 C	Product/Service ID
			0235 C	Product/Service ID Qualifier
			0350 C	Assigned Identification
			0355 C	Unit or Basis for Measurement Code
			0358 C	Quantity Invoiced
			0639 C	Basis of Unit Price Code
	PO4 C 1			PO4 - Item Physical Details
			0356 C	Pack
			0810 C	Inner Pack
7 C 1000				Loop Id PID
	PID C 1			PID - Product/Item Description
			0349 M	Item Description Type
			0352 C	Description



Group	Segment	Composite /Element	Element	Description
8 C 9999999				Loop Id SAC
	SAC C 1		0248 M	SAC - Service Allowance or Charge Indicator
			0332 C	Percent
			0610 C	Amount
			1300 C	Service
15 C 9999999				Loop Id SAC
	SAC C 1		0248 M	SAC - Service Allowance or Charge Indicator
			0332 C	Percent
			0610 C	Amount
			1300 C	Service
17 C 9999999				Loop Id ISS
	ISS C 1			ISS - Invoice Shipment Summary
			0355 C	Unit or Basis for Measurement Code
			0382 C	Number of Units Shipped



Element Documentation

This section is based on the same structure as the section Elements Used, but here you see all the available descriptions, sequence numbers (in the complete message) for segments and elements (within parentheses). It also includes M3 application documentation and the XPath for the corresponding XML element (XML is one of the technologies that is used for EBM applications), which specifies the position of the element in the message structure. M3 application documentation, as well as the corresponding XPath, can exist on a group, segment, composite and/or element level. Most common is the element level.

M3 application documentation consists of three sections: M3 Application Description, M3 Application Data Translation and M3 Application Specification.

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M3 Application Description

This section provides a general description in “business process language” and describes how the element is used in relation to the M3 logic, for example, which qualifiers are used and which M3 data is used.

M3 Application Data Translation

This section specifies whether or not the data can be translated between M3 and the message. Data translation is used, for example, to translate unit of measure ("STK" to "PCS"), currency codes ("PND" to "GBP") and qualifiers ("BY" to "BU"). Data translations are managed by the M3 program "Business Message Data Translation. Display" (CRS881) and the program "Business Message Data. Translate" (CRS882). The key used in (CRS881) for the element's data translation is provided.

M3 Application Specification

This section contains the specification that constitutes the base for the EBM. It describes whether the element uses data from or transfers data to a M3 API, uses calculated data and/or fixed data. It also describes how and when to make the M3 API calls, which input and output fields to use, etc. Additional information may also be given, such as conditions or notes to clarify specific logic used.

Taken together, the sections M3 Application Description and M3 Application Specification define the functionality of the EBM.

Group: 0	M 1	Segment Group: 0
Segment: BIG	M 1	BIG - Beginning Segment for Invoice
0076	M AN 22	Invoice Number
	M3 Application Description Extended Invoice Number as Invoice number	
	M3 Application Specification API dataMI program: OIS350MI Transaction: GetInvHead Field: EXIN	
	XPath <i>X12810/BIG/e02_0076</i>	
0324	C AN 22	Purchase Order Number
	M3 Application Description Customer order number as Purchase order number	
	M3 Application Specification Condition: Number of deliveries equals 1 API dataMI program: OIS100MI Transaction: GetHead Field: CUOR	
	XPath <i>X12810/BIG/e04_0324</i>	
0373	M AN 8	Date
	M3 Application Description Invoice date as date	
	M3 Application Specification API call:OIS350MI/GetInvHead Input field CONO: MBMInit Output field: CONO Input field DIVI: MBMInit Output field: DIVI Input field YEA4: MBMInit Output field: YEA4 Input field IVNO: MBMInit Output field: IVNO Input field INPX: MBMInit Output field: INPX	
	API dataMI program: OIS350MI Transaction: GetInvHead Field: IDAT	
	XPath <i>X12810/BIG/e01_0373</i>	

Group: 0	M 1	Segment Group: 0
Segment: BIG	M 1	BIG - Beginning Segment for Invoice
0373	M AN 8	Date
M3 Application Description Order date as Date		
M3 Application Specification API call: OIS350MI/LstDelHeadByInv Input field CONO: MBMInit Output field: CONO Input field DIVI: MBMInit Output field: DIVI Input field YEA4: MBMInit Output field: YEA4 Input field IVNO: MBMInit Output field: IVNO Input field INPX: MBMInit Output field: INPX		
Condition: Number of deliveries equals 1 API call: OIS100MI/GetHead Input field CONO: MBMInit Output field: CONO Input field ORNO: OIS350MI/LstDelHeadByInv Output field: ORNO		
API dataMI program: OIS100MI Transaction: GetHead Field: ORDT		
XPath <i>X12810/BIG/e03_0373</i>		
Segment: CAD	C 1	CAD - Carrier Details
0091	M AN 2	Transportation Method/Type Code
M3 Application Description Delivery method as Transportation method		
M3 Application Specification Condition: Number of deliveries equals 1		
API dataMI program: OIS100MI Transaction: GetHead Field: MODL		
M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g000/CAD" Data element: "e01_0091" Movex table: "OOHEAD" Movex field: "OAMODL"		
XPath <i>X12810/CAD/e01_0091</i>		

Group: 0	M 1	Segment Group: 0
Segment: CTT	C 1	CTT - Transaction Totals
0354	M NO 6	Number of Line Items
M3 Application Description Total number of line items		
M3 Application Specification Calculated data: Count IT1-segments.		
Add UserFunction Manifest_Update setManifestInfo("map:keyField1", "CONO"); setManifestInfo("map:keyValue1", CONO); (MBMInit output field: CONO) setManifestInfo("map:keyField2", "DIVI"); setManifestInfo("map:keyValue2", DIVI); (MBMInit output field: DIVI) setManifestInfo("map:keyField3", "EXIN"); setManifestInfo("map:keyValue3", EXIN) (OIS350MI/GetInvHead output field: EXIN) setManifestInfo("map:keyField3", "YEA4"); setManifestInfo("map:keyValue3", YEA4); (MBMInit output field: YEA4)		
XPath <i>X12810/CTT/e01_0354</i>		



Group: 0	M 1	Segment Group: 0
Segment: DTM 0373	C 10 C AN 8 M3 Application Description '011' = Planned delivery date as Shipped date M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0374 equals "011" API call: OIS350MI/GetDelHead Input field CONO: MBMInit Output field: CONO Input field ORNO: OIS350MI/LstDelHeadByInv Output field: ORNO Input field WHLO: OIS350MI/LstDelHeadByInv Output field: WHLO Input field DLIX: OIS350MI/LstDelHeadByInv Output field: DLIX Input field TEPY: OIS350MI/LstDelHeadByInv Output field: TEPY API dataMI program: OIS350MI Transaction: GetDelHead Field: DLDT XPath <i>X12810/DTM/e02_0373</i>	DTM - Date/Time Reference Date
0374	M AN 3 M3 Application Description '011' = Shipped, '007' = Effective, for terms M3 Application Specification Fixed data: "011" XPath <i>X12810/DTM/e01_0374</i>	Date/Time Qualifier

Group: 0	M 1	Segment Group: 0
Segment: FOB 0146	C 1 M AN 2 M3 Application Description Delivery terms as Shipment method of payment M3 Application Specification Condition: Number of deliveries equals 1 API dataMI program: OIS350MI Transaction: LstDelHeadByInv Field: TEDL M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g000/FOB" Data element: "e01_0146" Movex table: "OOHEAD" Movex field: "OATEDL" XPath X12810/FOB/e01_0146	FOB - F.O.B. Related Instructions Shipment Method of Payment
Segment: ITD 0333	C 9999999 C AN 2 M3 Application Description '1' =Ship date, '3' =Invoice date, '7' = Effective date, '15' = Receipt of goods as Terms Basis Date Code M3 Application Specification Fixed data: "3" XPath X12810/ITD/e02_0333	ITD - Terms of Sale/Deferred Terms of Sale Terms Basis Date Code
0336	C AN 2 M3 Application Description '02' = End of Month, '05' = Discount Not applicable, '08' = basic discount offered M3 Application Specification Condition: Number of deliveries equals 1 API dataMI program: OIS100MI Transaction:GetHead Field: TEPY M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g000/ITD" Data element: "e01_0336" Movex table: "OOHEAD" Movex field: "OATEPY" XPath X12810/ITD/e01_0336	Terms Type Code

Group: 0	M 1	Segment Group: 0
Segment: ITD	C 9999999	ITD - Terms of Sale/Deferred Terms of Sale
0352	C AN 80	Description
	M3 Application Description	
	Terms of payment, text as Descripton	
	M3 Application Specification	
	API dataMI program: OIS350MI Transaction: GetInvHead Field: TXPY	
	XPath	
	<i>X12810/ITD/e12_0352</i>	
0386	C NO 3	Terms Net Days
	M3 Application Description	
	Terms net days	
	M3 Application Specification	
	Calculated data: Number of day's between OIS350MI/GetServerTime	
	Field: DATE and API dataMI program: OIS350MI Transaction:	
	GetInvHead Field: DUDT	
	XPath	
	<i>X12810/ITD/e07_0386</i>	
0446	C AN 8	Terms Net Due Date
	M3 Application Description	
	Due Date as Terms discount days due	
	M3 Application Specification	
	API dataMI program: OIS350MI Transaction: GetInvHead Field: DUDT	
	XPath	
	<i>X12810/ITD/e06_0446</i>	

Group: 0	M 1	Segment Group: 0
Segment: REF 0127	C 12 C AN 50 M3 Application Description 'IA' = Supplier as Internal vendor number 'MR' = Ordertype as Merchandise type code M3 Application Specification Condition: e01_0128 equals "IA" API call: CRS886MI/CvtPtr Input field CONO: CONO Input field PTCG: "01" Input field PAID: DIVI Output from MBMInit Field: DIVI API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL. Note ! if PAAL eq *Blank or NOK use DIVI Condition: Number of deliveries equals 1 Condition: e01_0128 equals "MR" API dataMI program: OIS100MI Transaction: GetHead Field: ORTP M3 Data Translation Condition: e01_0128 equals "IA" Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g000/REF" Data element: "e02_0127" Condition element: "e01_0128" Condition data: "IA" Movex table: "n/a" Movex field: "n/a" XPath X12810/REF/e02_0127	REF - Reference Information Reference Identification
0128	M AN 3 M3 Application Description 'DP' = Department number 'IA' = Internal vendor number 'MR' = Merchandise type code M3 Application Specification Fixed data: "IA" or "MR" XPath X12810/REF/e01_0128	Reference Identification Qualifier



Group: 0	M 1	Segment Group: 0
Segment: ST 0143	M 1 M AN 3 M3 Application Description '810' = Invoice M3 Application Specification Fixed data: "810" Create userfunction MBMInit Output field MessageCopy: MovexBusinessMessageInitiator/ MessageCopy Output field MessageDate: MovexBusinessMessageInitiator/ MessageDate Output field MessageTime: MovexBusinessMessageInitiator/ MessageTime Output field CONO: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value1 Output field DIVI: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value2 Output field ORNO: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value3 Output field YEA4 MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value4 Output field INPX: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value5 Output field IVNO: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value6 XPath <i>X12810/ST/e01_0143</i>	ST - Transaction Set Header Transaction Set Identifier Code
0329	M AN 9 M3 Application Description Transaction set control number M3 Application Specification Fixed data: "0001" XPath <i>X12810/ST/e02_0329</i>	Transaction Set Control Number

Group: 0	M 1	Segment Group: 0
Segment: TDS	M 1	TDS - Total Monetary Value Summary
0610	M N2 15	Amount
	M3 Application Description Amount due as Total amount of invoice	
	M3 Application Specification API dataMI program: OIS350MI Transaction: GetInvHead Field: AMT2	
	XPath <i>X12810/TDS/e01_0610</i>	
Segment: TXI	C 9999999	TXI - Tax Information
0782	C N 18	Monetary Amount
	M3 Application Description Invoiced amount, foreign currency as Monetary amount	
	M3 Application Specification API call: OIS350MI/LstInvLineByTyp Input field CONO: MBMInit Output field: CONO Input field DIVI: MBMInit Output field: DIVI Input field YEA4: MBMInit Output field: YEA4 Input field IVNO: MBMInit Output field: IVNO Input field INPX: MBMInit Output field: INPX Input field IVTP: "40" API dataMI program: OIS350MI Transaction: LstInvLineByTyp Field: AMT2	
	XPath <i>X12810/TXI/e02_0782</i>	
0954	C N 10	Percentage as Decimal
	M3 Application Description VAT-code as Percent	
	M3 Application Specification API dataMI program: OIS350MI Transaction: LstInvLineByTyp Field: IVRF(pos 1-2))	
	M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g000/TXI" Data element: "e03_0954" Movex table: "OOHEAD" Movex field: "OAVTCD"	
	XPath <i>X12810/TXI/e03_0954</i>	



Group: 0	M 1	Segment Group: 0
Segment: TXI 0963	C 9999999 M AN 2 M3 Application Description 'BE' = Harmonized Sales Tax, 'GS' = Goods and Services Tax, 'PG' = State or Privincial Tax on Goods M3 Application Specification Fixed data: "BE" XPath <i>X12810/TXI/e01_0963</i>	TXI - Tax Information Tax Type Code
Group: 1	C 200	Segment Group: 1
Segment: N1 0066	C 1 C AN 2 M3 Application Description 'UL' = UCC/EAN M3 Application Specification Fixed data: "UL" XPath <i>X12810/LOOP_N1_g001/N1/e03_0066</i>	N1 - Party Identification Identification Code Qualifier

Group: 1	C 200	Segment Group: 1
Segment: N1 0067	C 1 C AN 80 M3 Application Description 'ST' = Delivery address ID as Ship To 'SU' = Company and division as Supplier/manufacturer M3 Application Specification Condition: e01_0098 equals "ST" Condition: Number of deliveries equals 1 API dataMI program: OIS100MI Transaction: GetHead Field: ADID API call: CRS886MI/CvtPtr Input field CONO: CONO Input field PTCG: "12" Input field PAID: CUNO Output from OIS350MI/LstDelHeadByInv Field: CUNO Input field PAI1: ADID Output from OIS100MI/GetHead Field: ADID Input field PAAC: "22" Note ! if PAAL eq *Blank or NOK use ADID Condition: e01_0098 equals "SU" API call: CRS886MI/CvtPtrQual Input field CONO: CONO Input field PTCG: "01" Input field PAID: DIVI Output from MBMInit Field: DIVI Input field QCTG: "11" Input field QPAI: CUNO Output from OIS350MI/LstDelHeadByInv Field: CUNO Input field PAAC: "31" API dataMI program: CRS886MI MI Transaction: CnvPtr Field: PAAL. Note ! if PAAL eq *Blank or NOK use DIVI M3 Data Translation Condition: e01_0098 equals "ST" Condition: Number of deliveries equals 1 Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "ST" Movex table: "OOHEAD" Movex field: "OAADID" Condition: e01_0098 equals "SU" Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "SU" Movex table: "n/a" Movex field: "n/a" XPath X12810/LOOP_N1_g001/N1/e04_0067	N1 - Party Identification Identification Code



Group: 1	C 200	Segment Group: 1
Segment: N1 0067	C 1 C AN 80 M3 Application Description 'ST' = Delivery address ID as Ship To 'SU' = Company and division as Supplier/manufacturer	N1 - Party Identification Identification Code
0093	C AN 60 M3 Application Description 'ST' = Customer name as Name, 'SU' = Customer name as Name M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API call OIS100MI/GetAddress Input field CONO: MBMInit Output field: CONO Input field ORNO: OIS350MI/LstDelHeadByInv Output field: ORNO Input field ADRT: "01" API dataMI program: OIS100MI Transaction: GetAddress Field: CUNM Condition: e01_3035 equals "SU" API call: OIS100MI Input field CONO: CONO Input field QLFI: "SU" Input field QLFV: DIVI (use CONO if no DIVI) API dataMI program: OIS100MI Transaction: GetAddressVreg Field: CUNM XPath <i>X12810/LOOP_N1_g001/N1/e02_0093</i>	Name



Group: 1	C 200	Segment Group: 1
Segment: N1 0098	C 1 M AN 3 M3 Application Description 'ST' = Ship To 'SU' = Supplier/manufacturer M3 Application Specification Fixed data: "ST" or "SU" XPath <i>X12810/LOOP_N1_g001/N1/e01_0098</i>	N1 - Party Identification Entity Identifier Code
Segment: N3 0166	C 2 M AN 55 M3 Application Description 'ST' = Customer address 1 as Address information M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API dataMI program: OIS100MI Transaction: GetAddress Field: CUA1 XPath <i>X12810/LOOP_N1_g001/N3/e01_0166</i> M3 Application Description 'ST' = Customer address 2 as Address information M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API dataMI program: OIS100MI Transaction: GetAddress Field: CUA2 XPath <i>X12810/LOOP_N1_g001/N3/e02_0166</i>	N3 - Party Location Address Information

Group: 1	C 200	Segment Group: 1
Segment: N4 0019	C 1 C AN 30 M3 Application Description 'ST' = Customer address 4 as City name M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API dataMI program: OIS100MI Transaction: GetAddress Field: CUA4 XPath <i>X12810/LOOP_N1_g001/N4/e01_0019</i>	N4 - Geographic Location City Name
0026	C AN 3 M3 Application Description 'ST' = Country as Country code M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API dataMI program: OIS100MI Transaction: GetAddress Field: CSCD M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g004/N4" Data element: "e04_0026" Movex table: "OOADRE" Movex field: "ODCSCD" XPath <i>X12810/LOOP_N1_g001/N4/e04_0026</i>	Country Code
0116	C AN 15 M3 Application Description 'ST' = Postal code as Postal code M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API dataMI program: OIS100MI Transaction: GetAddress Field: PONO XPath <i>X12810/LOOP_N1_g001/N4/e03_0116</i>	Postal Code

Group: 1	C 200	Segment Group: 1
Segment: N4 0156	C 1 C AN 2 M3 Application Description 'ST' = Area/state as State or province code M3 Application Specification Condition: Number of deliveries equals 1 Condition: e01_0098 equals "ST" API dataMI program: OIS100MI Transaction: GetAddress Field: ECAR M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g004/N4" Data element: "e02_0156" Movex table: "OOADRE" Movex field: "ODECAR" XPath X12810/LOOP_N1_g001/N4/e02_0156	N4 - Geographic Location State or Province Code
Group: 6	C 20000	Segment Group: 6
Segment: IT1 0212	C 1 C N 17 M3 Application Description Sales price as Unit price M3 Application Specification API dataMI program: OIS350MI Transaction: GetDelLine Field: SAPR XPath X12810/LOOP_IT1_g006/IT1/e04_0212	IT1 - Baseline Item Data (Invoice) Unit Price
0234	C AN 48 M3 Application Description 'EN' = Alias number as EAN code 'UP' = Alias number as UPC 'IN' = Alias number as Buyer's item number M3 Application Specification API dataMI program: OIS100MI Transaction: GetLine Field: POPN XPath X12810/LOOP_IT1_g006/IT1/e07_0234	Product/Service ID



Group: 6	C 20000	Segment Group: 6
Segment: IT1 0235	C 1 C AN 2 M3 Application Description 'EN' = Alias number as EAN code 'UP' = Alias number as UPC 'IN' = Alias number as Buyers item number M3 Application Specification API call: OIS100MI/GetLine Input field CONO: MBMInit Output field: CONO Input field ORNO: SS_31/ORNO Input field PONR: SS_31/PONR Input field POSX: SS_31/POSX Condition: ALWT equals "02" Condition: ALWQ equals "EA08" or "EA13" Fixed data: "EN" Condition: ALWT equals "02" Condition: ALWQ equals "UPC" Fixed data: "UP" Condition: ALWT equals "06" Fixed data: "IN" XPath <i>X12810/LOOP_IT1_g006/IT1/e06_0235</i>	IT1 - Baseline Item Data (Invoice) Product/Service ID Qualifier

Group: 6	C 20000	Segment Group: 6
Segment: IT1	C 1	IT1 - Baseline Item Data (Invoice)
0350	C AN 20	Assigned Identification
M3 Application Description		
Counter as Assigned identification		
M3 Application Specification		
API call: OIS350MI/LstInvLineByTyp		
Input field CONO: MBMInit Output field: CONO		
Input field DIVI: MBMInit Output field: DIVI		
Input field YEA4: MBMInit Output field: YEA4		
Input field IVNO: MBMInit Output field: IVNO		
Input field INPX: MBMInit Output field: INPX		
Input field IVTP: "31"		
Note: Save to Sorting Structure (SS_31). Substring IVRF into line number(PONR) (pos 1-5), sub line (POSX) (pos 7-8).		
API call: OIS350MI/LstInvLineByTyp		
Input field CONO: MBMInit Output field: CONO		
Input field DIVI: MBMInit Output field: DIVI		
Input field YEA4: MBMInit Output field: YEA4		
Input field IVNO: MBMInit Output field: IVNO		
Input field IVTP: "32"		
Note: Save to SS_32_67. Substring IVRF into line number(PONR) (pos 1-5), sub line (POSX) (pos 7-8), discount number (DISNO) (pos 10).		
API call: OIS350MI/LstInvLineByTyp		
Input field CONO: MBMInit Output field: CONO		
Input field DIVI: MBMInit Output field: DIVI		
Input field YEA4: MBMInit Output field: YEA4		
Input field IVNO: MBMInit Output field: IVNO		
Input field INPX: MBMInit Output field: INPX		
Input field IVTP: "67"		
Note: Save to SS_32_67. Substring IVRF into line number (PONR) (pos 1-5), sub line (POSX) (pos 7-8), charge-ID (CRID) (pos 12-17).		
Loop		
List SS sorted by		
Input field: IVTP: "31"		
Input field: ORNO: OIS350MI/LstInvLineByTyp/ ORNO		
Input field: DLIX: OIS350MI/LstInvLineByTyp/DLIX		
Input field: PONR: pos 1-3 of IVRF		
Input field: POSX: pos 5-6 of IVRF		
Calculated data: Counter: Start value = 1, increase with 1		
XPath		

Group: 6	C 20000	Segment Group: 6
Segment: IT1	C 1	IT1 - Baseline Item Data (Invoice)
0350	C AN 20	Assigned Identification
	M3 Application Description Counter as Assigned identification <i>X12810/LOOP_IT1_g006/IT1/e01_0350</i>	
0355	C AN 2	Unit or Basis for Measurement Code
	M3 Application Description Alternate U/M as Unit or basis for measurement code M3 Application Specification API dataMI program: OIS350MI Transaction: GetDelLine Field: ALUN M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g006/IT1" Data element: "e03_0355" Movex table: "OOLINE" Movex field: "OBALUN" XPath <i>X12810/LOOP_IT1_g006/IT1/e03_0355</i>	
0358	C N 15	Quantity Invoiced
	M3 Application Description Invoiced quantity - alternate U/M as Quantity invoiced M3 Application Specification API call: OIS350MI/GetDelLine Input field CONO: MBMInit Output field: CONO Input field ORNO: SS_31/ORNO Input field DLIX: SS_31/DLIX Input field WHLO: SS_31/WHLO Input field PONR: SS_31/PONR Input field POSX: SS_31/POSX Input field TEPY: OIS350MI/GetDelHead Output field: TEPY API dataMI program: OIS350MI Transaction: GetDelLine Field: QTY5 XPath <i>X12810/LOOP_IT1_g006/IT1/e02_0358</i>	



Group: 6	C 20000	Segment Group: 6
Segment: IT1 0639	C 1 C AN 2 M3 Application Description Sales price quantity as Basis of unit price code M3 Application Specification Condition: if e04_0215 not equal 0 API dataMI program: OIS350MI Transaction: GetDelLine Field: SACD Condition: if e04_0215 equal 0 Fixed data: "NC" M3 Data Translation Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g006/IT1" Data element: "e05_0639" Movex table: "n/a" Movex field: "n/a" XPath X12810/LOOP_IT1_g006/IT1/e05_0639	IT1 - Baseline Item Data (Invoice) Basis of Unit Price Code
Segment: PO4 0356	C 1 C NO 6 M3 Application Description Number of inner containers or number of eaches if there are no inner containers M3 Application Specification Condition: if g006/IT1 e03_0355 equals "CA" API call: MWS410MI/LstItemPackages Input field CONO: MBMInit Output field: CONO Input field DLIX: SS_31 Output field: DLIX Input field ITNO: OIS100MI/GetLine Output field: ITNO Input field ITDE: "1" Input field PASO: "1" Condition: MWS410MI/LstItemPackages Field: PANR not equal 0 Condition: MWS410MI/LstItemPackages Field: PCON not equal 0 Number of occurances of LstItemPackages Condition: MWS410MI/LstItemPackages Field PCON equal 0 MWS410MI/LstItemPackages Field: DLQA XPath X12810/LOOP_IT1_g006/PO4/e01_0356	PO4 - Item Physical Details Pack

Group: 6	C 20000	Segment Group: 6
Segment: PO4 0810	C 1 C NO 6 M3 Application Description Number of eaches per inner containers M3 Application Specification Condition: if g006/IT1 e03_0355 equals "CA" Condition: MWS410MI/LstItemPackages Field: PANR not equal 0 Condition: MWS410MI/LstItemPackages Field PCON not equal 0 MWS410MI/LstItemPackages Field: DLQA XPath <i>X12810/LOOP_IT1_g006/PO4/e14_0810</i>	PO4 - Item Physical Details Inner Pack
Group: 7	C 1000	Segment Group: 7
Segment: PID 0349	C 1 M AN 1 M3 Application Description 'F' = Free form M3 Application Specification Fixed data: "F" XPath <i>X12810/LOOP_IT1_g006/LOOP_PID_g007/PID/e01_0349</i>	PID - Product/Item Description Item Description Type
0352	C AN 80 M3 Application Description 'F' = Item description as Description M3 Application Specification API dataMI program: OIS100MI Transaction: GetLine Field: ITDS XPath <i>X12810/LOOP_IT1_g006/LOOP_PID_g007/PID/e05_0352</i>	Description

Group: 8	C 9999999	Segment Group: 8
Segment: SAC	C 1	SAC - Service
0248	M AN 1	Allowance or Charge Indicator
	M3 Application Description 'A' = Allowance 'C' = Charge M3 Application Specification List SS_32_67 Fixed data: "A" or "C"	
	XPath <i>X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e01_0248</i>	
0332	C N 6	Percent
	M3 Application Description Discount percentage as Percent M3 Application Specification Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "1" API dataMI program: OIS100MI Transaction: GetLine Field: DIP1	
	Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "2" API dataMI program: OIS100MI Transaction: GetLine Field: DIP2	
	Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "3" API dataMI program: OIS100MI Transaction: GetLine Field: DIP3	
	Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "4" API dataMI program: OIS100MI Transaction: GetLine Field: DIP4	
	Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "5" API dataMI program: OIS100MI Transaction: GetLine Field: DIP5	
	Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "6" API dataMI program: OIS100MI Transaction: GetLine Field: DIP6	
	XPath <i>X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e07_0332</i>	

Group: 8	C 9999999	Segment Group: 8
Segment: SAC 0332	C 1 C N 6 M3 Application Description Discount percentage as Percent XPath <i>X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e07_0332</i>	SAC - Service Percent
0610	C N2 15 M3 Application Description Amount M3 Application Specification Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "1" Data field SS_32_67 Field: AMT2 Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "2" Data field SS_32_67 Field: AMT2 Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "3" Data field SS_32_67 Field: AMT2 Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "4" Data field SS_32_67 Field: AMT2 Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "5" Data field SS_32_67 Field: AMT2 Condition: e01_0248 equals "A" Condition: SS_32_67 Field: DISNO equals "6" Data field SS_32_67 Field: AMT2 Condition: e01_0248 equals "C" Data field SS_32_67 Field: AMT2 XPath <i>X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e05_0610</i>	Amount

Group: 8	C 9999999	Segment Group: 8
Segment: SAC 1300	C 1 C AN 4 M3 Application Description Discount number or Charge as Service M3 Application Specification Condition: e01_0248 equals "A" API call: OIS100MI/GetHead Input field CONO: MBMInit Output field: CONO Input field ORNO: SS_31/ORNO Calculated data: (API dataMI program: OIS100MI Transaction: Gethead Field: DISY + SS_32_67 Field: DISNO Note: Concatenate fields. Condition: e01_0248 equals "C" SS_32_67 Field: CRID M3 Data Translation Condition:e01_0248 equals "A" Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g008/SAC" Data element: "e02_1300" Conditional element: "e01_0248" Conditional data: "A" Movex table: "N/A" Movex field: "N/A" Condition:e01_0248 equals "C" Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g008/SAC" Data element: "e02_1300" Conditional element: "e01_0248" Conditional data: "C" Movex table: "OOCHRG" Movex field: "USCRID" XPath <i>X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e02_1300</i>	SAC - Service Service
Group: 15	C 9999999	Segment Group: 15
Segment: SAC 0248	C 1 M AN 1 M3 Application Description 'A' = Allowance 'C' = Charge M3 Application Specification Fixed data: "A" or "C" XPath <i>X12810/LOOP_SAC_g015/SAC/e01_0248</i>	SAC - Service Allowance or Charge Indicator



Group: 15	C 9999999	Segment Group: 15
Segment: SAC 0332	C 1 C N 6 M3 Application Description Discount percent as Percent M3 Application Specification Condition: e01_0248 equals "A" Condition: Number of deliveries equals 1 API dataMI program: OIS100MI Transaction: GetHead Field: OTDP XPath X12810/LOOP_SAC_g015/SAC/e07_0332	SAC - Service Percent
0610	C N2 15 M3 Application Description 'C' = Invoiced amount, foreign currency as Amount 'A' = Invoiced amount, foreign currency as Amount M3 Application Specification Condition: e01_0248 equals "C" API dataMI program: OIS350MI Transaction: LstInvLineByTyp Field: AMT2 Note: AMT2 returned by LstInvLineByType IVTP = 60 Condition: e01_0248 equals "A" API dataMI program: OIS350MI Transaction: LstInvLineByTyp Field: AMT2 Note: AMT2 returned by LstInvLineByType IVTP= 35. XPath X12810/LOOP_SAC_g015/SAC/e05_0610	Amount

Group: 15	C 999999	Segment Group: 15
Segment: SAC 1300	C 1 C AN 4 M3 Application Description Invoice reference as Services M3 Application Specification Condition: e01_0248 equals "C" API call: OIS350MI/LstInvLineByTyp Input field CONO: CONO Input field DIVI: DIVI Input field YEA4: YEA4 Input field IVNO: IVNO Input field INPX: INPX Input field IVTP: "60" Condition: API equals OK API dataMI program: OIS350MI Transaction: LstInvLineByTyp Field: IVRF pos (1,6 - CRID) M3 Data Translation Condition: e01_0248 equals "C" Message standard: "X12" Version: "5010" Message: "810" Parent elements: "g015/SAC" Data element: "e02_1300" Conditional element: "e01_0248" Conditional data: "C" Movex table: "ODCHRG" Movex field: "USCRID" XPath X12810/LOOP_SAC_g015/SAC/e02_1300	SAC - Service Service
Group: 17	C 999999	Segment Group: 17
Segment: ISS 0355	C 1 C AN 2 M3 Application Description Unit or Basis for Measurement Code M3 Application Specification Same value as in g006/IT1 e03_0355 XPath X12810/LOOP_ISS_g017/ISS/e02_0355	ISS - Invoice Shipment Summary Unit or Basis for Measurement Code



Group: 17	C 999999	Segment Group: 17
Segment: ISS 0382	C 1 C N 10 M3 Application Description Number of units shipped M3 Application Specification Calculated date: Summarize all OIS350MI Transaction: GetDelLine Field: QTY5 XPath <i>X12810/LOOP_ISS_g017/ISS/e01_0382</i>	ISS - Invoice Shipment Summary Number of Units Shipped