Business Message Documentation

Application Type	**EDI Business Message (EBM)**
M3 version	**BE15**
M3 Business Message	**COI - Customer Order Invoice**
Message Direction	**Outbound**
Message Application	**X12 810 4060**

Map name	**M3BE15_COI_Out_X12_810_4060**

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				
	AMT **C** 9999999			AMT - Monetary Amount Information
			0478 **C**	Credit/Debit Flag Code
			0522 **M**	Amount Qualifier Code
			0782 **M**	Monetary Amount
	BIG **M** 1			BIG - Beginning Segment for Invoice
			0076 **M**	Invoice Number
			0324 **C**	Purchase Order Number
			0373 **M**	Date
			0640 **C**	Transaction Type Code
	CAD **C** 1			CAD - Carrier Details
			0091 **M**	Transportation Method/Type Code
	CTT **C** 1			CTT - Transaction Totals
			0354 **M**	Number of Line Items
	CUR **C** 1			CUR - Currency
			0098 **M**	Entity Identifier Code
			0100 **M**	Currency Code
	DTM **C** 10			DTM - Date/Time Reference
			0373 **C**	Date
			0374 **M**	Date/Time Qualifier

Group	Segment	Composite /Element	Element	Description
0　**M　1**				
	FOB　**C　1**			FOB - F.O.B. Related Instructions
			0146　**M**	Shipment Method of Payment
			0335　**C**	Transportation Terms Code
	ITD　**C　9999999**			ITD - Terms of Sale/ Deferred Terms of Sale
			0336　**C**	Terms Type Code
			0446　**C**	Terms Net Due Date
	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

Group	Segment	Composite /Element	Element	Description
1 C 200				Loop Id N1
	N1 C 1			N1 - Party Identification
			0066 C	Identification Code Qualifier
			0067 C	Identification Code
			0098 M	Entity Identifier Code
	N2 C 2			N2 - Additional Name Information
			0093 M	Name
	N3 C 2			N3 - Party Location
			0166 M	Address Information
	N4 C 1			N4 - Geographic Location
			0019 C	City Name
			0026 C	Country Code
			0116 C	Postal Code
			0156 C	State or Province Code
	PER C 3			PER - Administrative Communications Contact
			0093 C	Name
			0366 M	Contact Function Code
	REF C 12			REF - Reference Information
			0127 C	Reference Identification
			0128 M	Reference Identification Qualifier

Group	Segment	Composite /Element	Element	Description
3 C 1				Loop Id N9
	MSG C 10			MSG - Message Text
			0933 M	Free-form Message Text
	N9 C 1			N9 - Extended Reference Information
			0128 M	Reference Identification Qualifier
6 C 200000				Loop Id IT1
	CAD C 9999999			CAD - Carrier Details
			0091 M	Transportation Method/Type Code
	DTM C 10			DTM - Date/Time Reference
			0373 C	Date
			0374 M	Date/Time Qualifier
	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

Group	Segment	Composite /Element	Element	Description
6 C 200000				Loop Id IT1
	IT3 C 5			IT3 - Additional Item Data
			0355 C	Unit or Basis for Measurement Code
			0382 C	Number of Units Shipped
			0383 C	Quantity Difference
	REF C 9999999			REF - Reference Information
			0127 C	Reference Identification
			0128 M	Reference Identification Qualifier
	TXI C 9999999			TXI - Tax Information
			0782 C	Monetary Amount
			0954 C	Percentage as Decimal
			0963 M	Tax Type Code
7 C 1000				Loop Id PID
	PID C 1			PID - Product/Item Description
			0349 M	Item Description Type
			0352 C	Description
8 C 9999999				Loop Id SAC
	SAC C 1			SAC - Service
			0248 M	Allowance or Charge Indicator
			0332 C	Percent
			0610 C	Amount
			1300 C	Service

Group	Segment	Composite /Element	Element	Description
9　C　9999999				Loop Id TXI
	TXI　C　1			TXI - Tax Information
			0782　C	Monetary Amount
			0954　C	Percentage as Decimal
			0963　M	Tax Type Code
11　C　200				Loop Id N1
	N1　C　1			N1 - Party Identification
			0066　C	Identification Code Qualifier
			0067　C	Identification Code
			0098　M	Entity Identifier Code
	N2　C　2			N2 - Additional Name Information
			0093　M	Name
	N3　C　2			N3 - Party Location
			0166　M	Address Information
	N4　C　1			N4 - Geographic Location
			0019　C	City Name
			0026　C	Country Code
			0116　C	Postal Code
			0156　C	State or Province Code
15　C　9999999				Loop Id SAC
	SAC　C　1			SAC - Service
			0248　M	Allowance or Charge Indicator
			0332　C	Percent
			0610　C	Amount

Group	Segment	Composite /Element	Element	Description
15 C 9999999				Loop Id SAC
	SAC C 1			SAC - Service
			1300 C	Service
16 C 9999999				Loop Id TXI
	TXI C 1			TXI - Tax Information
			0782 C	Monetary Amount
			0954 C	Percentage as Decimal
			0963 M	Tax Type Code

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.

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

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 Specifiation
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: **AMT**	**C 9999999**	AMT - Monetary Amount Information
0478	C AN 1	Credit/Debit Flag Code

M3 Application Description
'C' = Credit

'D' = Debit

M3 Application Specification
Calculated data:

Condition: e02_0782 less than 0

Fixed data: "C"

Condition: e02_0782 greater than or equals 0

Fixed data: "D"

XPath
X12810/AMT/e03_0478

0522	M AN 3	Amount Qualifier Code

M3 Application Description
'1' = Line item total

'5' = Total invoice amount

'8' = Total monetary discount amount

M3 Application Specification
Fixed data: "1" or "5" or "8"

XPath
X12810/AMT/e01_0522

Group: 0	M 1	Segment Group: 0
Segment: **AMT**	**C 9999999**	AMT - Monetary Amount Information
0782	M N 18	Monetary Amount

M3 Application Description

'1' = Total line amount as Line item total

'5' = Amount due as Total invoice amount

'8' = Total discount amount as Total monetary discount amount

M3 Application Specification

Condition: e01_0522 equals "1"

Calculated data: Sum(API dataMI program: OIS350MI Transaction: LstInvLineByTyp (IVTP=31) Field: AMT2)

Condition: e01_0522 equals "5"

API dataMI program: OIS350MI Transaction: GetInvHead Field: AMT2

Condition: e01_0522 equals "8"

Calculated data: Sum(API dataMI program: OIS350MI Transaction: LstInvLineByTyp (IVTP=35) Field: AMT2) and

Calculated data: Sum(API dataMI program: OIS350MI Transaction: LstInvLineByTyp (IVTP=32) Field: AMT2)

XPath
X12810/AMT/e02_0782

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
X12810/BIG/e02_0076

Group: 0	M 1	Segment Group: 0

Segment: **BIG**	**M 1**	BIG - Beginning Segment for Invoice
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
X12810/BIG/e04_0324

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
X12810/BIG/e01_0373

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
X12810/BIG/e03_0373

0640	C AN 2	Transaction Type Code

M3 Application Description
'CN' = Credit invoice

M3 Application Specification
Condition: OIS350MI/GetInvHead/IVTP equals "02"
Fixed data: "CN"

XPath
X12810/BIG/e07_0640

Group: 0	M 1	Segment Group: 0

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: OIS350MI Transaction: GetDelHead Field: MODL

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g000/CAD" Data element: "e01_0091" Movex table: "OOHEAD" Movex field: "OAMODL"

XPath
X12810/CAD/e01_0091

Segment: **CTT**	C 1	CTT - Transaction Totals
0354	M N0 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
X12810/CTT/e01_0354

Group: 0	M 1	Segment Group: 0
Segment: **CUR**	C 1	CUR - Currency
0098	M AN 3	Entity Identifier Code

M3 Application Description
'VN' = Vendor

M3 Application Specification
Fixed data: "VN"

XPath
X12810/CUR/e01_0098

0100	M AN 3	Currency Code

M3 Application Description
Currency code 1 as Currency code

M3 Application Specification
API dataMI program: OIS350MI Transaction: GetInvHead Field: CUC1

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g000/CUR" Data element: "e02_0100" Movex table: "OOHEAD" Movex field: "OACUCD"

XPath
X12810/CUR/e02_0100

Segment: **DTM**	C 10	DTM - Date/Time Reference
0373	C AN 8	Date

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 dataMI program: OIS350MI Transaction: GetDelHead Field: DLDT

Condition: Number of deliveries equals 1

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

XPath
X12810/DTM/e02_0373

Group: 0	M 1	Segment Group: 0

Segment: **DTM**	**C 10**	DTM - Date/Time Reference
0374	M AN 3	Date/Time Qualifier

M3 Application Description
'011' = Shipped

M3 Application Specification
Fixed data: "011"

XPath
X12810/DTM/e01_0374

Segment: **FOB**	**C 1**	FOB - F.O.B. Related Instructions
0146	M AN 2	Shipment Method of Payment

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: "4060" Message: "810" Parent elements: "g000/FOB" Data element: "e01_0146" Movex table: "OOHEAD" Movex field: "OATEDL"

XPath
X12810/FOB/e01_0146

0335	C AN 3	Transportation Terms Code

M3 Application Description
Delivery terms as Transportation terms code

M3 Application Specification
Condition: Number of deliveries equals 1

API dataMI program: OIS350MI Transaction: LstDelHeadByInv Field: TEDL

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g000/FOB" Data element: "e05_0335" Movex table: "OOHEAD" Movex field: "OATEDL"

XPath
X12810/FOB/e05_0335

Group: 0	M 1	Segment Group: 0

Segment: **ITD**	**C 9999999**	ITD - Terms of Sale/Deferred Terms of Sale
0336	C AN 2	Terms Type Code

M3 Application Description
'03' = Fixed date

M3 Application Specification
Fixed data: "03"

XPath
X12810/ITD/e01_0336

0446	C AN 8	Terms Net Due Date

M3 Application Description
'03' = Due date as Terms net due date

M3 Application Specification
API dataMI program: OIS350MI Transaction: GetInvHead Field: DUDT

XPath
X12810/ITD/e06_0446

Segment: **REF**	**C 12**	REF - Reference Information
0127	C AN 50	Reference Identification

M3 Application Description
'DO' = Delivery index as Delivery order number

'VN' = Customer order number as Vendor's order number

'MR' = Ordertype as Merchandise type code

M3 Application Specification
Condition: Number of deliveries equals 1

Condition: e01_0128 equals "DO"

API dataMI program: OIS350MI Transaction: LstDelHeadByInv Field: DLIX

Condition: Number of deliveries equals 1

Condition: e01_0128 equals "VN"

API dataMI program: OIS100MI Transaction: GetHead Field: ORNO

Condition: Number of deliveries equals 1

Condition: e01_0128 equals "MR"

API dataMI program: OIS100MI Transaction: GetHead Field: ORTP

XPath
X12810/REF/e02_0127

Group: 0	M 1	Segment Group: 0
Segment: **REF**	**C 12**	REF - Reference Information
0128	M AN 3	Reference Identification Qualifier

M3 Application Description
'DO' = Delivery order number
'VN' = Vendor order number
'MR' = Merchandise type code

M3 Application Specification
Fixed data: "DO" or "VN" or "MR"

XPath
X12810/REF/e01_0128

Segment: **ST**	**M 1**	ST - Transaction Set Header
0143	M AN 3	Transaction Set Identifier Code

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
X12810/ST/e01_0143

Group: 0	M 1	Segment Group: 0

Segment: **ST**	**M 1**	ST - Transaction Set Header
0329	M AN 9	Transaction Set Control Number

M3 Application Description
Transaction set control number

M3 Application Specification
Fixed data: "0001"

XPath
X12810/ST/e02_0329

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
X12810/TDS/e01_0610

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
X12810/TXI/e02_0782

Group: 0	M 1	Segment Group: 0
Segment: **TXI**	**C 9999999**	TXI - Tax Information
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: "4060" Message: "810" Parent
elements: "g000/TXI" Data element: "e03_0954" Movex table:
"OOHEAD" Movex field: "OAVTCD"

XPath
X12810/TXI/e03_0954

0963	M AN 2	Tax Type Code

M3 Application Description
'VA' = Value added tax

M3 Application Specification
Fixed data: "VA"

XPath
X12810/TXI/e01_0963

Group: 1	C 200	Segment Group: 1
Segment: **N1**	**C 1**	N1 - Party Identification
0066	C AN 2	Identification Code Qualifier

M3 Application Description
'UL' = Global location number

M3 Application Specification
Fixed data: "UL"

XPath
X12810/LOOP_N1_g001/N1/e03_0066

Group: 1	C 200	Segment Group: 1
Segment: **N1**	**C 1**	N1 - Party Identification
0067	C AN 80	Identification Code

M3 Application Description

'BT' = Invoice recipient as Bill-To-Party

'BY' = Customer number as Buying party

'PR' = Payer as Payer

'ST' = Delivery address ID as Ship To

'SU' = Company and division as Supplier/manufacturer

M3 Application Specification

Condition: INRC not equals CUNO

Condition: e01_0098 equals "BT"

API dataMI program: OIS350MI Transaction: GetInvHead Field: INRC

API call: CRS886MI/CvtPtr

Input field CONO: CONO

Input field PTCG: "11"

Input field PAID: INRC Output from OIS350MI/GetInvHead Field: INRC

API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL.

Note ! if PAAL eq *Blank or NOK use INRC

Condition: PYNO not equals CUNO

Condition: e01_0098 equals "PR"

API dataMI program: OIS350MI Transaction: GetInvHead Field: PYNO

API call: CRS886MI/CvtPtr

Input field CONO: CONO

Input field PTCG: "11"

Input field PAID: INRC Output from OIS350MI/GetInvHead Field: PYNO

API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL.

Note ! if PAAL eq *Blank or NOK use INRC

Condition: e01_0098 equals "BY"

API dataMI program: OIS350MI Transaction: LstDelHeadByInv Field: CUNO

API call: CRS886MI/CvtPtr

Input field CONO: CONO

Input field PTCG: "11"

Input field PAID: CUNO Output from OIS350MI/LstDelHeadByInv Field: CUNO

API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL.

Note ! if PAAL eq *Blank or NOK use CUNO

Group: 1	C 200	Segment Group: 1
Segment: **N1**	C 1	N1 - Party Identification
0067	C AN 80	Identification Code

M3 Application Description

'BT' = Invoice recipient as Bill-To-Party

'BY' = Customer number as Buying party

'PR' = Payer as Payer

'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: "21"

API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL.

Note ! if PAAL eq *Blank or NOK use ADID

Condition: e01_0098 equals "SU"

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

M3 Data Translation

Condition: e01_0098 equals "BT"

Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "BT" Movex table: "OOHEAD" Movex field: "OAINRC"

Condition: e01_0098 equals "BY"

Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "BY" Movex table: "OOHEAD" Movex field: "OACUNO"

Group: 1	C 200	Segment Group: 1
Segment: **N1**	**C 1**	N1 - Party Identification
0067	C AN 80	Identification Code

M3 Application Description

'BT' = Invoice recipient as Bill-To-Party

'BY' = Customer number as Buying party

'PR' = Payer as Payer

'ST' = Delivery address ID as Ship To

'SU' = Company and division as Supplier/manufacturer

M3 Data Translation

Condition: e01_0098 equals "PR"

Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "PR" Movex table: "OOHEAD" Movex field: "OAPYNO"

Condition: e01_0098 equals "ST"

Condition: Number of deliveries equals 1

Message standard: "X12" Version: "4060" 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: "4060" 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

0098	M AN 3	Entity Identifier Code

M3 Application Description

'BT' = Bill-To-Party

'BY' = Buying party

'PR' = Payer

'ST' = Ship To

'SU' = Supplier/manufacturer

M3 Application Specification

Fixed data: "BT" or "BY" or "PR"or "ST" or "SU"

XPath
X12810/LOOP_N1_g001/N1/e01_0098

Group: 1	C 200	Segment Group: 1

Segment: **N2**	**C 2**	N2 - Additional Name Information
0093	M AN 60	Name

M3 Application Description
'ST' = 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

XPath
X12810/LOOP_N1_g001/N2/e01_0093

Segment: **N3**	**C 2**	N3 - Party Location
0166	M AN 55	Address Information

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
X12810/LOOP_N1_g001/N3/e01_0166

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
X12810/LOOP_N1_g001/N3/e02_0166

Group: 1	C 200	Segment Group: 1

Segment: **N4**	C 1	N4 - Geographic Location
0019	C AN 30	City Name

M3 Application Description
'ST' = Townas City name

M3 Application Specification
Condition: Number of deliveries equals 1

Condition: e01_0098 equals "ST"

API dataMI program: OIS100MI Transaction: GetAddress Field: TOWN

XPath
X12810/LOOP_N1_g001/N4/e01_0019

0026	C AN 3	Country Code

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: "4060" Message: "810" Parent elements: "g004/N4" Data element: "e02_0026" Movex table: "OOADRE" Movex field: "ODCSCD"

XPath
X12810/LOOP_N1_g001/N4/e04_0026

0116	C AN 15	Postal Code

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
X12810/LOOP_N1_g001/N4/e03_0116

Group: 1	C 200	Segment Group: 1

Segment: **N4**	**C 1**	N4 - Geographic Location
0156	C AN 2	State or Province Code

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: "4060" Message: "810" Parent elements: "g004/N4" Data element: "e02_0156" Movex table: "OOADRE" Movex field: "ODECAR"

XPath
X12810/LOOP_N1_g001/N4/e02_0156

Segment: **PER**	**C 3**	PER - Administrative Communications Contact
0093	C AN 60	Name

M3 Application Description

'SR' = Sales representative or department, BD = Buyer name or department

M3 Application Specification

Condition: e01_0098 equals "SU"

Condition: e01_0366 equals "SR"

API dataMI program: OIS100MI Transaction: GetHead Field: OREF

Condition: e01_0098 equals "BY"

Condition: e01_0366 equals "BD"

API dataMI program: OIS100MI Transaction: GetHead Field: YREF

XPath
X12810/LOOP_N1_g001/PER/e02_0093

0366	M AN 2	Contact Function Code

M3 Application Description

'SR' = Sales representative or department, BD = Buyer name or department

M3 Application Specification

Fixed data: "SR", "BD"

XPath
X12810/LOOP_N1_g001/PER/e01_0366

Group: 1	C 200	Segment Group: 1
Segment: **PER**	**C 3**	PER - Administrative Communications Contact

Segment: **REF**	**C 12**	REF - Reference Information
0127	C AN 50	Reference Identification

M3 Application Description
'VX' = VAT registration number as Value added tax registration number

M3 Application Specification
Condition: e01_0098 equals "BY"
API call: CRS610MI/GetFinancial
Input field CONO: MBMInit Output field: CONO
Input field CUNO: OIS350MI/LstDelHeadByInv Output field: CUNO

API dataMI program: CRS610MI Transaction: GetFinancial Field: VRNO

Condition: e01_0098 equals "SU"
API call: MNS100MI/GetBasicData
Input field CONO: MBMInit Output field: CONO
Input field DIVI: MBMInit Output field: DIVI

API dataMI program: MNS100MI Transaction: GetBasicData Field: VRNO

XPath
X12810/LOOP_N1_g001/REF/e02_0127

0128	M AN 3	Reference Identification Qualifier

M3 Application Description
'VX' = Value added tax registration number

M3 Application Specification
Fixed data: "VX"

XPath
X12810/LOOP_N1_g001/REF/e01_0128

Group: 3	C 1	Segment Group: 3
Segment: **MSG**	C 10	MSG - Message Text
0933	M AN 264	Free-form Message Text

M3 Application Description
Text as Free-form message text

M3 Application Specification
Condition: Number of deliveries equals 1
Condition: Textblock eq "ZZ"
First loop
API call: OIS100MI/GetHeadText
Input field CONO: MBMInit Output field: CONO
Input field ORNO: OIS350MI/LstDelHeadByInv Output field: ORNO
Input field TYTR: "1"
API dataMI program: OIS100MI Transaction: GetHeadText Field: TX60

Second loop
API call: OIS100MI/GetHeadText
Input field CONO: MBMInit Output field: CONO
Input field ORNO: OIS350MI/LstDelHeadByInv Output field: ORNO
Input field TYTR: "2"
API dataMI program: OIS100MI Transaction: GetHeadText Field: TX60

XPath
X12810/LOOP_N9_g003/MSG/e01_0933

Segment: **N9**	C 1	N9 - Extended Reference Information
0128	M AN 3	Reference Identification Qualifier

M3 Application Description
'ZZ' = Mutually defined

M3 Application Specification
Fixed data: "ZZ"

M3 Data Translation

Conversion 1: Convert OIS100MI/GetHeadText field: TXV9 to "ZZ" for all text valid for the message
Conversion 2: Convert "ZZ" to optional Reference Identification Qualifier

Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g003/N9" Data element: "e01_0128" Movex table: "CSYTXH" Movex field: "THTXV9"

XPath
X12810/LOOP_N9_g003/N9/e01_0128

Group: 3	C 1	Segment Group: 3
Segment: **N9**	C 1	N9 - Extended Reference Information
0128	M AN 3	Reference Identification Qualifier

M3 Application Description
'ZZ' = Mutually defined

M3 Application Specification
Fixed data: "ZZ"

Group: 6	C 200000	Segment Group: 6
Segment: **CAD**	C 9999999	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 greater than 1

API dataMI program: OIS350MI Transaction: GetDelHead Field: MODL

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g006/CAD" Data element: "e01_0091" Movex table: "OOHEAD" Movex field: "OAMODL"

XPath
X12810/LOOP_IT1_g006/CAD/e01_0091

Segment: **DTM**	C 10	DTM - Date/Time Reference
0373	C AN 8	Date

M3 Application Description
'011' = Planned delivery date as Shipped date

M3 Application Specification
Condition: Number of deliveries greater than 1
API call: OIS350MI/GetDelHead
Input field CONO: MBMInit Output field: CONO
Input field ORNO: SS_31/ORNO
Input field WHLO: SS_31/WHLO
Input field DLIX: SS_31/DLIX
Input field TEPY: OIS350MI/GetDelHead Output field: TEPY

API dataMI program: OIS350MI Transaction: GetDelHead Field: DLDT

XPath
X12810/LOOP_IT1_g006/DTM/e02_0373

Group: 6	C 200000	Segment Group: 6

Segment: **DTM**	**C 10**	DTM - Date/Time Reference
0373	C AN 8	Date
0374	M AN 3	Date/Time Qualifier

M3 Application Description
'011' = Shipped

M3 Application Specification
Fixed data: "011"

XPath
X12810/LOOP_IT1_g006/DTM/e01_0374

Segment: **IT1**	**C 1**	IT1 - Baseline Item Data (Invoice)
0212	C N 17	Unit Price

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

0234	C AN 48	Product/Service ID

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 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

API dataMI program: OIS100MI Transaction: GetLine Field: POPN

XPath
X12810/LOOP_IT1_g006/IT1/e07_0234

Group: 6	C 200000	Segment Group: 6
Segment: **IT1**	**C 1**	IT1 - Baseline Item Data (Invoice)
0234	C AN 48	Product/Service ID

M3 Application Description
'VN' = Item number as Vendor's item number

M3 Application Specification
API dataMI program: OIS100MI Transaction: GetLine Field: ITNO

XPath
X12810/LOOP_IT1_g006/IT1/e09_0234

0235	C AN 2	Product/Service ID Qualifier

M3 Application Description
'EN' = Alias number as EAN code
'UP' = Alias number as UPC
'IN' = Alias number as Buyers item number

M3 Application Specification
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
X12810/LOOP_IT1_g006/IT1/e06_0235

M3 Application Description
'VN' = Item number as Vendors Item number

M3 Application Specification
Fixed data: "VN"

XPath
X12810/LOOP_IT1_g006/IT1/e08_0235

Group: 6	C 200000	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). 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. 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. 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 1-5 of IVRF
Input field: POSX: pos 7-8 of IVRF

Calculated data: Counter: Start value = 1

XPath

Group: 6	C 200000	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

X12810/LOOP_IT1_g006/IT1/e01_0350

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: "4060" Message: "810" Parent elements: "g006/IT1" Data element: "e03_0355" Movex table: "OOHEAD" Movex field: "OAALUN"

XPath
X12810/LOOP_IT1_g006/IT1/e03_0355

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
X12810/LOOP_IT1_g006/IT1/e02_0358

Group: 6	C 200000	Segment Group: 6

Segment: **IT1**	**C 1**	IT1 - Baseline Item Data (Invoice)
0639	C AN 2	Basis of Unit Price Code

M3 Application Description
Sales price quantity as Basis of unit price code

M3 Application Specification
API dataMI program: OIS350MI Transaction: GetDelLine Field: SACD

M3 Data Translation
Message standard: "X12" Version: "4060" 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

Segment: **IT3**	**C 5**	IT3 - Additional Item Data
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: "4060" Message: "810" Parent elements: "g006/IT3" Data element: "e02_0355" Movex table: "OOHEAD" Movex field: "OAALUN"

XPath
X12810/LOOP_IT1_g006/IT3/e02_0355

0382	C N 10	Number of Units Shipped

M3 Application Description
Delivered quantity as Number of units shipped

M3 Application Specification
API dataMI program: OIS350MI Transaction: GetDelLine Field: ORQA

XPath
X12810/LOOP_IT1_g006/IT3/e01_0382

Group: 6	C 200000	Segment Group: 6

Segment: **IT3**	**C 5**	IT3 - Additional Item Data
0383	C N 9	Quantity Difference

M3 Application Description

Invoiced quantity less delivered quantity as Quantity difference

M3 Application Specification

Calculated data: API dataMI program: OIS350MI Transaction: GetDelLine Field: QTY5 - (minus) API dataMI program: OIS100MI Transaction: GetLine Field: ORQA

Condition: Calculated data != 0

XPath
X12810/LOOP_IT1_g006/IT3/e04_0383

Segment: **REF**	**C 9999999**	REF - Reference Information
0127	C AN 50	Reference Identification

M3 Application Description

'CO' = Customer order number as Customer order number

'DO' = Delivery index as Delivery order number

'VN' = Customer order number as Vendor order number

M3 Application Specification

Condition Number of delivery heads greater than 1

Condition: e01_0128 equals "DO"

Output from field DLIX in SS(Sorting Structure)

Condition: e01_0128 equals "CO"

API dataMI program: OIS100MI Transaction: GetLine Field: CUOR

Condition: e01_1153 equals "VN"

Output from field ORNO in SS

XPath
X12810/LOOP_IT1_g006/REF/e02_0127

Group: 6	C 200000	Segment Group: 6

Segment: **REF**	**C 9999999**	REF - Reference Information
0128	M AN 3	Reference Identification Qualifier

M3 Application Description
'CO' = Customer order number
'DO' = Delivery order number
'VN' = Vendor order number

M3 Application Specification
Fixed data: "CO" or "DO" or "VN"

XPath
X12810/LOOP_IT1_g006/REF/e01_0128

Segment: **TXI**	**C 9999999**	TXI - Tax Information
0782	C N 18	Monetary Amount

M3 Application Description
VAT as Monetary Amount

M3 Application Specification
API dataMI program: OIS350MI Transaction: LstInvLineByTyp (IVTP 31) Field: VTAM

XPath
X12810/LOOP_IT1_g006/TXI/e02_0782

0954	C N 10	Percentage as Decimal

M3 Application Description
VAT code as Value added tax

M3 Application Specification
API dataMI program: OIS100MI Transaction: GetLine Field: VTCD

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g006/TXI" Data element: "e03_954" Movex table: "OOLINE" Movex field: "OBVTCD"

XPath
X12810/LOOP_IT1_g006/TXI/e03_0954

0963	M AN 2	Tax Type Code

M3 Application Description
'VA' = Value added tax

M3 Application Specification
Fixed data: "VA"

XPath
X12810/LOOP_IT1_g006/TXI/e01_0963

Group: 6	C 200000	Segment Group: 6
Segment: **TXI**	**C 9999999**	TXI - Tax Information
0963	M AN 2	Tax Type Code

M3 Application Description
'VA' = Value added tax

M3 Application Specification
Fixed data: "VA"

XPath
X12810/LOOP_IT1_g006/TXI/e01_0963

Group: 7	C 1000	Segment Group: 7
Segment: **PID**	**C 1**	PID - Product/Item Description
0349	M AN 1	Item Description Type

M3 Application Description
'F' = Free form

M3 Application Specification
Fixed data: "F"

XPath
X12810/LOOP_IT1_g006/LOOP_PID_g007/PID/e01_0349

0352	C AN 80	Description

M3 Application Description
'F' = Item description as Description

M3 Application Specification
API dataMI program: OIS100MI Transaction: GetLine Field: ITDS

XPath
X12810/LOOP_IT1_g006/LOOP_PID_g007/PID/e05_0352

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
X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e01_0248

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
X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e01_0248

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
X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e07_0332

Group: 8	C 9999999	Segment Group: 8
Segment: **SAC**	**C 1**	SAC - Service
0332	C N 6	Percent

M3 Application Description
Discount percentage as Percent

0610	C N2 15	Amount

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
X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e05_0610

Group: 8	C 9999999	Segment Group: 8
Segment: **SAC**	**C 1**	SAC - Service
1300	C AN 4	Service

M3 Application Description
Discount number or Charge as Service

M3 Application Specification
Condition: e01_0248 equals "A"

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: "4060" 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: "4060" Message: "810" Parent
elements: "g008/SAC" Data element: "e02_1300" Conditional element:
"e01_0248" Conditional data: "C" Movex table: "OOCHRG" Movex
field: "USCRID"

XPath
X12810/LOOP_IT1_g006/LOOP_SAC_g008/SAC/e02_1300

Group: 9	C 9999999	Segment Group: 9
Segment: **TXI**	**C 1**	TXI - Tax Information
0782	C N 18	Monetary Amount

M3 Application Description
VAT as Monetary Amount

M3 Application Specification
Condition: g008/SAC/e01_0248 equals "C"

API dataMI program: OIS350MI Transaction: LstInvLineByTyp (IVTP
67) Field: VTAM

XPath
*X12810/LOOP_IT1_g006/LOOP_SAC_g008/LOOP_TXI_g009/TXI/
e02_0782*

Group: 9	C 9999999	Segment Group: 9
Segment: **TXI**	C 1	TXI - Tax Information
0954	C N 10	Percentage as Decimal

M3 Application Description
VAT code as Percentage as Decimal

M3 Application Specification
Condition: g008/SAC/e01_0248 equals "C"

API call OIS100MI/GetLineChrg
Input field CONO: MBMInit Output field: CONO
Input field ORNO: SS_32_67 Output field: ORNO
Input field PONR: SS_32_67 Output field: PONR
Input field POSX: SS_32_67 Output field: POSX
Input field CRID: SS_32_67 Output field: CRID
Input field CRTY: "0"
API dataMI program: OIS100MI Transaction: GetLineChrg Field: VTCD

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent
elements: "g009/TXI" Data element: "e03_0954" Movex table:
"CSYTAB" Movex field: "OAVTCD"

XPath
X12810/LOOP_IT1_g006/LOOP_SAC_g008/LOOP_TXI_g009/TXI/
e03_0954

0963	M AN 2	Tax Type Code

M3 Application Description
'VA' = Value added tax

M3 Application Specification
Condition: g008/SAC/e01_0248 equals "C"

Fixed data: "VA"

XPath
X12810/LOOP_IT1_g006/LOOP_SAC_g008/LOOP_TXI_g009/TXI/
e01_0963

Group: 11	C 200	Segment Group: 11
Segment: **N1**	**C 1**	N1 - Party Identification
0066	C AN 2	Identification Code Qualifier

M3 Application Description
'UL' = Global location number

M3 Application Specification
Fixed data: "UL"

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N1/e03_0066

Group: 11	C 200	Segment Group: 11
Segment: **N1**	**C 1**	N1 - Party Identification
0067	C AN 80	Identification Code

M3 Application Description

'BY' = Customer as Buyer

'ST' = Delivery address as Ship To

M3 Application Specification

Condition: e01_0098 equals "BY"

Condition: CUNO not equals CUNO in g001/N1/e04_0067

Condition: Number of deliveries greater than 1

API dataMI program: OIS350MI Transaction: GetDelHead Field: CUNO

API call: CRS886MI/CvtPtr

Input field CONO: CONO

Input field PTCG: "11"

Input field PAID: CUNO Output from OIS350MI/GetDelHead Field: CUNO

API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL.

Note ! if PAAL eq *Blank or NOK use CUNO

Condition: e01_0098 equals "ST"

Condition: Number of deliveries greater than 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/GetDelHead Field: CUNO

Input field PAI1: ADID Output from OIS100MI/GetHead Field: ADID

Input field PAAC: "21"

API dataMI program:CRS886MI MI Transaction: CnvPtr Field: PAAL.

Note ! if PAAL eq *Blank or NOK use ADID

M3 Data Translation

Condition:e01_0098 equals "BY"

Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g011/N1" Data element: "e04_0067" Conditional element: "e01_0098" Conditional data: "BY" Movex table: "OCUSMA" Movex field: "OKCUNO"

Condition:e01_0098 equals "ST"

Group: 11	C 200	Segment Group: 11
Segment: **N1**	**C 1**	N1 - Party Identification
0067	C AN 80	Identification Code

M3 Application Description
'BY' = Customer as Buyer

'ST' = Delivery address as Ship To

Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g011/N1" Data element: "e04_0067" Conditional element: "e01_0098" Conditional data: "ST" Movex table: "OCUSAD" Movex field: "OPADID"

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N1/e04_0067

0098	M AN 3	Entity Identifier Code

M3 Application Description
'BY' = Buyer

'ST' = Ship To

M3 Application Specification
Fixed data: "BY" or "ST"

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N1/e01_0098

Segment: **N2**	**C 2**	N2 - Additional Name Information
0093	M AN 60	Name

M3 Application Description
Customer name as Name

M3 Application Specification
Condition: e01_0098 equals "ST"

Condition: Number of deliveries greater than 1

API call OIS100MI/GetAddress

Input field CONO: MBMInit Output field: CONO

Input field ORNO: SS_31 Output field: ORNO

Input field ADRT: "01"

API dataMI program: OIS100MI Transaction: GetAddress Field: CUNM

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N2/e01_0093

Group: 11	C 200	Segment Group: 11

Segment: N3	C 2	N3 - Party Location
0166	M AN 55	Address Information

M3 Application Description
Customer address 1 as Address information

M3 Application Specification
Condition: e01_0098 equals "ST"
Condition: Number of deliveries greater than 1
API dataMI program: OIS100MI Transaction: GetAddress Field: CUA1

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N3/e01_0166

M3 Application Description
Customer address 2 as Address information

M3 Application Specification
Condition: e01_0098 equals "ST"
Condition: Number of deliveries greater than 1
API dataMI program: OIS100MI Transaction: GetAddress Field: CUA2

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N3/e02_0166

Segment: N4	C 1	N4 - Geographic Location
0019	C AN 30	City Name

M3 Application Description
Town as City name

M3 Application Specification
Condition: e01_0098 equals "ST"
Condition: Number of deliveries greater than 1
API dataMI program: OIS100MI Transaction: GetAddress Field: TOWN

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N4/e01_0019

Group: 11	C 200	Segment Group: 11

Segment: **N4**	**C 1**	N4 - Geographic Location
0026	C AN 3	Country Code

M3 Application Description
Country as Country code

M3 Application Specification
Condition: e01_0098 equals "ST"

Condition: Number of deliveries greater than 1

API dataMI program: OIS100MI Transaction: GetAddress Field: CSCD

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent
elements: "g011/N4" Data element: "e04_0026" Movex table:
"OOHEAD" Movex field: "OACSCD"

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N4/e04_0026

0116	C AN 15	Postal Code

M3 Application Description
Postal code as Postal code

M3 Application Specification
Condition: e01_0098 equals "ST"

Condition: Number of deliveries greater than 1

API dataMI program: OIS100MI Transaction: GetAddress Field: PONO

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N4/e03_0116

Group: 11	C 200	Segment Group: 11
Segment: **N4**	C 1	N4 - Geographic Location
0156	C AN 2	State or Province Code

M3 Application Description
Area/state as State or province code

M3 Application Specification
Condition: e01_0098 equals "ST"

Condition: Number of deliveries greater than 1

API dataMI program: OIS100MI Transaction: GetAddress Field: ECAR

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g011/N4" Data element: "e02_0156" Movex table: "OOHEAD" Movex field: "OAECAR"

XPath
X12810/LOOP_IT1_g006/LOOP_N1_g011/N4/e02_0156

Group: 15	C 9999999	Segment Group: 15
Segment: **SAC**	C 1	SAC - Service
0248	M AN 1	Allowance or Charge Indicator

M3 Application Description
'A' = Allowance

'C' = Charge

M3 Application Specification
Fixed data: "A" or "C"

XPath
X12810/LOOP_SAC_g015/SAC/e01_0248

0332	C N 6	Percent

M3 Application Description
Discount percent as Percent

M3 Application Specification
Condition: e01_0248 equals "A"

API dataMI program: OIS100MI Transaction: GetHead Field: OTDP

Condition: Number of deliveries equals 1

XPath
X12810/LOOP_SAC_g015/SAC/e07_0332

Group: 15	C 9999999	Segment Group: 15

Segment: SAC
0610

C 1
C N2 15

SAC - Service
Amount

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

1300

C AN 4

Service

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: "4060" 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

Group: 16	C 9999999	Segment Group: 16
Segment: **TXI**	C 1	TXI - Tax Information
0782	C N 18	Monetary Amount

M3 Application Description
VAT as Monetary Amount

M3 Application Specification
Condition: g015/SAC/e01_0248 equals "C"

API dataMI program: OIS350MI Transaction: LstInvLineByTyp (IVTP 60) Field: VTAM

XPath
X12810/LOOP_SAC_g015/LOOP_TXI_g016/TXI/e02_0782

0954	C N 10	Percentage as Decimal

M3 Application Description
VAT code as Percentage as Decimal

M3 Application Specification
Condition: g008/SAC/e01_0248 equals "C"

API call OIS100MI/GetDelHeadChrg

Input field CONO: MBMInit Output field: CONO

Input field ORNO: OIS350MI/LstInvLineByTyp (IVTP 60) Output field: ORNO

Input field DLIX: OIS350MI/LstInvLineByTyp (IVTP 60) Output field: DLIX

Input field CRID: OIS350MI/LstInvLineByTyp (IVTP 60) Output field: CRID (IVRF pos 1-6)

Input field WHLO: OIS350MI/LstInvLineByTyp (IVTP 60) Output field: WHLO

API dataMI program: OIS100MI Transaction: GetDelHeadChrg
Output field: VTCD

M3 Data Translation
Message standard: "X12" Version: "4060" Message: "810" Parent elements: "g016/TXI" Data element: "e03_0954" Movex table: "CSYTAB" Movex field: "OAVTCD"

XPath
X12810/LOOP_SAC_g015/LOOP_TXI_g016/TXI/e03_0954

Group: 16	C 9999999	Segment Group: 16
Segment: **TXI**	**C 1**	TXI - Tax Information
0963	M AN 2	Tax Type Code

M3 Application Description
'VA' = Value added tax

M3 Application Specification
Condition: g015/SAC/e01_0248 equals "C"

Fixed data: "VA"

XPath
X12810/LOOP_SAC_g015/LOOP_TXI_g016/TXI/e01_0963