Business Message Documentation

Application Type	**EDI Business Message (EBM)**
M3 version	**BE15**
M3 Business Message	**CO - Customer Order**
Message Direction	**Inbound**
Message Application	**X12 850 4010**

Map name	**M3BE15_CO_In_X12_850_4010**

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				
	BEG M 1			BEG - Beginning Segment for Purchase Order
			0092 M	Purchase Order Type Code
			0324 M	Purchase Order Number
			0373 M	Date
	DTM C 10			DTM - Date/Time Reference
			0337 C	Time
			0373 C	Date
			0374 M	Date/Time Qualifier
	FOB C 9999999			FOB - F.O.B. Related Instructions
			0335 C	Transportation Terms Code
			0352 C	Description
	PER C 3			PER - Administrative Communications Contact
			0093 C	Name
			0366 M	Contact Function Code
	REF C 9999999			REF - Reference Identification
			0127 C	Reference Identification
			0128 M	Reference Identification Qualifier
	ST M 1			ST - Transaction Set Header
			0143 M	Transaction Set Identifier Code

Group	Segment	Composite /Element	Element	Description
0 M 1				
	ST M 1			ST - Transaction Set Header
			0143 M	Transaction Set Identifier Code
	TD5 C 12			TD5 - Carrier Details (Routing Sequence/Transit Time)
			0091 C	Transportation Method/Type Code
4 C 1000				Loop Id N9
	MSG C 1000			MSG - Message Text
			0933 M	Free-Form Message Text
5 C 200				Loop Id N1
	N1 C 1			N1 - Name
			0067 C	Identification Code
			0093 C	Name
			0098 M	Entity Identifier Code
	N2 C 2			N2 - Additional Name Information
			0093 M	Name
	N3 C 2			N3 - Address Information
			0166 M	Address Information
	N4 C 9999999			N4 - Geographic Location
			0019 C	City Name
			0026 C	Country Code
			0116 C	Postal Code
			0156 C	State or Province Code

Group	Segment	Composite /Element	Element	Description
5 C 200				Loop Id N1
11 C 100000				Loop Id PO1
	DTM C 10			DTM - Date/Time Reference
			0337 C	Time
			0373 C	Date
			0374 M	Date/Time Qualifier
	MSG C 9999999			MSG - Message Text
			0933 M	Free-Form Message Text
	PO1 M 1			PO1 - Baseline Item Data
			0212 C	Unit Price
			0234 C	Product/Service ID
			0235 C	Product/Service ID Qualifier
			0330 C	Quantity Ordered
			0350 C	Assigned Identification
			0355 C	Unit or Basis for Measurement Code
			0639 C	Basis of Unit Price Code
	REF C 9999999			REF - Reference Identification
			0127 C	Reference Identification
			0128 M	Reference Identification Qualifier
	SDQ C 500			SDQ - Destination Quantity
			0066 C	Identification Code Qualifier

Group	Segment	Composite /Element	Element	Description
11 C 100000				Loop Id PO1
	SDQ C 500			SDQ - Destination Quantity
			0067 M	Identification Code
			0380 M	Quantity
13 C 1000				Loop Id PID
	PID C 1			PID - Product/Item Description
			0349 M	Item Description Type
			0352 C	Description
22 C 200				Loop Id N1
	N1 C 1			N1 - Name
			0067 C	Identification Code
			0098 M	Entity Identifier 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.

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Group: 0	M 1	Segment Group: 0
Segment: **BEG**	**M 1**	BEG - Beginning Segment for Purchase Order
0092	M AN 2	Purchase Order Type Code

M3 Application Description
Purchase order type as Order type

M3 Application Specification
API dataMI program: OIS100MI Transaction: AddBatchHead Field: ORTP

M3 Data Translation
Message standard: "X12" Version: "4010" Message: "850" Parent elements: "BEG" Data element: "e02_0092" Movex table: "OOTYPE" Movex field: "OOORTP"

XPath
X12850/BEG/e02_0092

0324	M AN 22	Purchase Order Number

M3 Application Description
Purchase order number as Customer's order number

M3 Application Specification
API dataMI program: OIS100MI Transaction: AddBatchHead Field: CUOR

XPath
X12850/BEG/e03_0324

0373	M AN 8	Date

M3 Application Description
Date as Order date

M3 Application Specification
API dataMI program: OIS100MI Transaction: AddBatchHead Field: ORDT

XPath
X12850/BEG/e05_0373

Group: 0	M 1	Segment Group: 0
Segment: **DTM**	**C 10**	DTM - Date/Time Reference
0337	C AN 8	Time

M3 Application Description
'010' = Requested ship as Requested delivery time

'011' = Shipped as Requested delivery time

'002' = Delivery requested as Requested delivery time

M3 Application Specification
Condition: e01_0374 equals "010" or "002" or "011"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: RLHZ

XPath
X12850/DTM/e03_0337

0373	C AN 8	Date

M3 Application Description
'004' = Purchase order as Customer's purchase order date

'010' = Requested ship as Requested delivery date

'011' = Shipped as Requested delivery date

'002' = Delivery requested as Requested delivery date

M3 Application Specification
Condition: e01_0374 equals "004"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: CUDT

Condition: e01_0374 equals "010" or "002" or "011"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: RLDZ

XPath
X12850/DTM/e02_0373

0374	M AN 3	Date/Time Qualifier

M3 Application Description
'004' = Purchase order

'010' = Requested ship

'011' = Shipped

'002' = Delivery requested

'064' = Do not deliver before

'037' = Ship not before

M3 Application Specification
Fixed data: "004" or "010" or "011" or "002" or "064" or "037"

XPath
X12850/DTM/e01_0374

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

'004' = Purchase order

'010' = Requested ship

'011' = Shipped

'002' = Delivery requested

'064' = Do not deliver before

'037' = Ship not before

M3 Application Specification

Fixed data: "004" or "010" or "011" or "002" or "064" or "037"

XPath

X12850/DTM/e01_0374

Segment: **FOB**	**C 9999999**	FOB - F.O.B. Related Instructions
0335	C AN 3	Transportation Terms Code

M3 Application Description

Transportation terms coded as Term of delivery

M3 Application Specification

API dataMI program: OIS100MI Transaction: AddBatchHead Field: TEDL

M3 Data Translation

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "FOB" Data element: "e05_0335" Movex table: "CSYTAB" Movex field: "OATEDL"

XPath

X12850/FOB/e05_0335

0352	C AN 80	Description

M3 Application Description

Description as Delivery terms text

M3 Application Specification

API dataMI program: OIS100MI Transaction: AddBatchHead Field: TEL2

XPath

X12850/FOB/e07_0352

Group: 0	M 1	Segment Group: 0
Segment: **PER**	**C 3**	PER - Administrative Communications Contact
0093	C AN 60	Name

M3 Application Description

'BD' = Buyer name or department as Reference at customer

'PD' = Project director as Reference at customer

'SA' = Sales administration as Our reference

'SR' = Sales representative or department as Our reference

M3 Application Specification

Condition: e01_0366 equals "BD" or "PD"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: YREF

Condition: e01_0366 equals "SA" or "SR"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: OREF

XPath
X12850/PER/e02_0093

0366	M AN 2	Contact Function Code

M3 Application Description

'BD' = Buyer name or department

'PD' = Project director

'SA' = Sales administration

'SR' = Sales representative or department

M3 Application Specification

Fixed data: "BD" or "PD" or "SA" or SR"

XPath
X12850/PER/e01_0366

Group: 0	M 1	Segment Group: 0
Segment: **REF**	**C 9999999**	REF - Reference Identification
0127	C AN 30	Reference Identification

M3 Application Description
'AH' = Agreement number as Blanket agreement number

'PO' = Purchase order number as Customer's order number

Other as Your reference

M3 Application Specification
Condition: e01_0128 equals "AH"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: AGNO

Condition: e01_0128 equals "PO"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: CUOR

Condition: e01_0128 equals Other

API dataMI program: OIS100MI Transaction: AddBatchHead Field: YREF

XPath
X12850/REF/e02_0127

0128	M AN 3	Reference Identification Qualifier

M3 Application Description
'AH' = Agreement number

'PO' = Purchase order number

Other

M3 Application Specification
Fixed data: "AH" or "PO"

XPath
X12850/REF/e01_0128

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

M3 Application Description
'850' = Purchase order

M3 Application Specification
Fixed data: "850"

XPath
X12850/ST/e01_0143

Group: 0	M 1	Segment Group: 0
Segment: **TD5**	**C 12**	TD5 - Carrier Details (Routing Sequence/Transit Time)
0091	C AN 2	Transportation Method/Type Code

M3 Application Description

Transportation method as Method of delivery

M3 Application Specification

API dataMI program: OIS100MI Transaction: AddBatchHead Field: MODL

M3 Data Translation

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "TD5" Data element: "e04_0091" Movex table: "CSYTAB" Movex field: "OAMODL"

XPath
X12850/TD5/e04_0091

Group: 4	C 1000	Segment Group: 4
Segment: **MSG**	**C 1000**	MSG - Message Text
0933	M AN 264	Free-Form Message Text

M3 Application Description

Free-form message text as Text

M3 Application Specification

API dataMI program: OIS100MI Transaction: SndBatchText Field: PARM

API Call: OIS100MI/SndBatchText

Input field CONO: CONO

Input field ORNO: ORNO

Input field TYPE: "1"

Input field TYTR: "1"

XPath
X12850/LOOP_N9_g004/MSG/e01_0933

Group: 5	C 200	Segment Group: 5
Segment: **N1**	**C 1**	N1 - Name
0067	C AN 80	Identification Code

M3 Application Description

Identification code as Customer or Address ID or Payer or Delivery address ID

M3 Application Specification

Condition: e01_0098 equals "BY"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: CUNO

Condition: e01_0098 equals "AG"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: AGNT

Condition: e01_0098 equals "CN" or "DA" or "ST"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: ADID

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: ADID

Condition: e01_0098 equals "PR"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: PYNO

M3 Data Translation

Condition:e01_0098 equals "BY"

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "g005/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "BY" Movex table: "OCUSMA" Movex field: "OKCUNO"

Condition:e01_0098 equals "CN"

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "g005/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "CN" Movex table: "OCUSAD" Movex field: "OPADID"

Condition:e01_0098 equals "AG"

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "g005/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "AG" Movex table: "OCUSMA" Movex field: "OKCUNO"

Condition:e01_0098 equals "PR"

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "g005/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "PR" Movex table: "OCUSMA" Movex field: "OKCUNO"

XPath

Group: 5	C 200	Segment Group: 5
Segment: **N1**	C 1	N1 - Name
0067	C AN 80	Identification Code

M3 Application Description
Identification code as Customer or Address ID or Payer or Delivery address ID

M3 Application Specification
Condition: e01_0098 equals "BY"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: CUNO

Condition: e01_0098 equals "AG"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: AGNT

Condition: e01_0098 equals "CN" or "DA" or "ST"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: ADID

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: ADID

Condition: e01_0098 equals "PR"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: PYNO

X12850/LOOP_N1_g005/N1/e04_0067

0093	C AN 60	Name

M3 Application Description
Free-form name as Customer name

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: CUNM

XPath
X12850/LOOP_N1_g005/N1/e02_0093

Group: 5	C 200	Segment Group: 5
Segment: **N1**	**C 1**	N1 - Name
0098	M AN 3	Entity Identifier Code

M3 Application Description
'BY' = Buying party (purchaser)
'AG' = Agent/Agency
'CN' = Consignee
'PR' = Payer
'DA' = Delivery address
'ST' = Ship to

M3 Application Specification
Fixed data: "BY" or "AG" or "CN" or "PR" or "DA" or "ST"

XPath
X12850/LOOP_N1_g005/N1/e01_0098

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

M3 Application Description
Free-form name as Address line 1

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: CUA1

XPath
X12850/LOOP_N1_g005/N2/e01_0093

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

M3 Application Description
Address information as Address line 2

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: CUA2

XPath
X12850/LOOP_N1_g005/N3/e01_0166

Group: 5	C 200	Segment Group: 5
Segment: **N3**	**C 2**	N3 - Address Information
0166	M AN 55	Address Information

M3 Application Description
Address information as Address line 3

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: CUA3

XPath
X12850/LOOP_N1_g005/N3/e02_0166

Segment: **N4**	**C 9999999**	N4 - Geographic Location
0019	C AN 30	City Name

M3 Application Description
City name as Address line 4

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: CUA4

XPath
X12850/LOOP_N1_g005/N4/e01_0019

Group: 5	C 200	Segment Group: 5

Segment: **N4**	**C 9999999**	N4 - Geographic Location
0026	C AN 3	Country Code

M3 Application Description
Country code as Country

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"
API dataMI program: OIS100MI Transaction: AddBatchAddress Field:
CSCD

API Call: OIS100MI/AddBatchHead
Input field CONO: CONO
Input field CUNO: CUNO
Input field ORTP: ORTP
Input field FACI: FACI Note: Output from GetUserInfo

Condition e01_0098 equals "DA" or "ST" or "CN"
API Call: OIS100MI/AddBatchAddress
Input field CONO: CONO
Input field ORNO: ORNO Note: Output from AddBatchHead
Input field ADRT: "01"

Condition e01_0098 equals "PR"
API Call: OIS100MI/AddBatchAddress
Input field CONO: CONO
Input field ORNO: ORNO Note: Output from AddBatchHead
Input field ADRT: "03"

M3 Data Translation
Message standard: "X12" Version: "4010" Message: "850" Parent
elements: "g005/N4" Data element: "e04_0026" Movex table:
"CSYTAB" Movex field: "OACSCD"

XPath
X12850/LOOP_N1_g005/N4/e04_0026

0116	C AN 15	Postal Code

M3 Application Description
Postal code as Postal code

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"
API dataMI program: OIS100MI Transaction: AddBatchAddress Field:
PONO

XPath
X12850/LOOP_N1_g005/N4/e03_0116

Group: 5	C 200	Segment Group: 5
Segment: **N4**	**C 9999999**	N4 - Geographic Location
0116	C AN 15	Postal Code

M3 Application Description
Postal code as Postal code

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: PONO

XPath
X12850/LOOP_N1_g005/N4/e03_0116

0156	C AN 2	State or Province Code

M3 Application Description
State or province as Area/state

M3 Application Specification
Condition e01_0098 equals "DA" or "ST" or "CN" or "PR"

API dataMI program: OIS100MI Transaction: AddBatchAddress Field: ECAR

XPath
X12850/LOOP_N1_g005/N4/e02_0156

Group: 11	C 100000	Segment Group: 11
Segment: **DTM**	**C 10**	DTM - Date/Time Reference
0337	C AN 8	Time

M3 Application Description
'010' = Requested ship as Requested delivery time

'011' = Shipped as Requested delivery time

'002' = Delivery requested as Requested delivery time

M3 Application Specification
Condition: e01_0374 equals "010" or "002" or "011"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: DWHZ

XPath
X12850/LOOP_PO1_g011/DTM/e03_0337

Group: 11	C 100000	Segment Group: 11
Segment: **DTM**	**C 10**	DTM - Date/Time Reference
0373	C AN 8	Date

M3 Application Description

'010' = Requested ship as Requested delivery date

'011' = Shipped as Requested delivery date

'002' = Delivery requested as Requested delivery date

M3 Application Specification

Condition: e01_0374 equals "010" or "002" or "011"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: DWDZ

XPath
X12850/LOOP_PO1_g011/DTM/e02_0373

0374	M AN 3	Date/Time Qualifier

M3 Application Description

'010' = Requested ship

'011' = Shipped

'002' = Delivery requested

'064' = Do not deliver before

'037' = Ship not before

M3 Application Specification

Fixed data: "010" or "011" or "002" or "064" or "037"

XPath
X12850/LOOP_PO1_g011/DTM/e01_0374

Group: 11	C 100000	Segment Group: 11

Segment: **MSG**	C **9999999**	MSG - Message Text
0933	M AN 264	Free-Form Message Text

M3 Application Description
Free-form message text as Text

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchText Field:
PARM

API Call: OIS100MI/SndBatchText
Input field CONO: CONO
Input field ORNO: ORNO
Input field TYPE: "2"
Input field TYTR: "1"

Note: If SDQ-segment occures, then the text should be added on each
line.

XPath
X12850/LOOP_PO1_g011/MSG/e01_0933

Segment: **PO1**	M 1	PO1 - Baseline Item Data
0212	C N 17	Unit Price

M3 Application Description
Unit price as Sales price and Reference price

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field:
SAPR

API dataMI program: OIS100MI Transaction: SndBatchLine Field:
EDFP

XPath
X12850/LOOP_PO1_g011/PO1/e04_0212

Group: 11	C 100000	Segment Group: 11

Segment: **PO1**	**M 1**	PO1 - Baseline Item Data
0234	C AN 48	Product/Service ID

M3 Application Description

'VN' = Vendor's item number as Item number

'IN' = Buyer´s item number as Alias number

'BP' = Buyer's part number as Alias number

'EN' = European Article Number as Alias number

'UP' = UPC Consumer Package Code as Alias number

M3 Application Specification

Condition: e06_0235 equals "VN"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ITNO

Condition: e06_0235 equals "IN" or "BP"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: POPN

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ALWT = "06"

Condition: e06_0235 equals "EN"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: POPN

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ALWT = "02"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ALWQ = "EA13"

Condition: e06_0235 equals "UP"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: POPN

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ALWT = "02"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ALWQ = "UPC"

XPath
X12850/LOOP_PO1_g011/PO1/e07_0234

XPath
X12850/LOOP_PO1_g011/PO1/e09_0234

XPath
X12850/LOOP_PO1_g011/PO1/e11_0234

XPath
X12850/LOOP_PO1_g011/PO1/e13_0234

Group: 11	C 100000	Segment Group: 11
Segment: **PO1**	**M 1**	PO1 - Baseline Item Data
0234	C AN 48	Product/Service ID

M3 Application Description

'VN' = Vendor's item number as Item number

'IN' = Buyer´s item number as Alias number

'BP' = Buyer's part number as Alias number

'EN' = European Article Number as Alias number

'UP' = UPC Consumer Package Code as Alias number

XPath
X12850/LOOP_PO1_g011/PO1/e13_0234

XPath
X12850/LOOP_PO1_g011/PO1/e15_0234

XPath
X12850/LOOP_PO1_g011/PO1/e17_0234

XPath
X12850/LOOP_PO1_g011/PO1/e19_0234

XPath
X12850/LOOP_PO1_g011/PO1/e21_0234

XPath
X12850/LOOP_PO1_g011/PO1/e23_0234

XPath
X12850/LOOP_PO1_g011/PO1/e25_0234

Group: 11	C 100000	Segment Group: 11
Segment: **PO1**	M 1	PO1 - Baseline Item Data
0235	C AN 2	Product/Service ID Qualifier

M3 Application Description

'VN' = Vendor's item number

'IN' = Buyer´s item number

'BP' = Buyer's part number

'EN' = European Article Number

'UP' = UPC Consumer Package Code

XPath
X12850/LOOP_PO1_g011/PO1/e06_0235

XPath
X12850/LOOP_PO1_g011/PO1/e08_0235

XPath
X12850/LOOP_PO1_g011/PO1/e10_0235

XPath
X12850/LOOP_PO1_g011/PO1/e12_0235

XPath
X12850/LOOP_PO1_g011/PO1/e14_0235

XPath
X12850/LOOP_PO1_g011/PO1/e16_0235

XPath
X12850/LOOP_PO1_g011/PO1/e18_0235

XPath
X12850/LOOP_PO1_g011/PO1/e20_0235

XPath
X12850/LOOP_PO1_g011/PO1/e22_0235

XPath
X12850/LOOP_PO1_g011/PO1/e24_0235

Group: 11	C 100000	Segment Group: 11
Segment: **PO1**	M 1	PO1 - Baseline Item Data
0330	C N 15	Quantity Ordered

M3 Application Description
Quantity ordered as Ordered quantity

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field:
ORQT

XPath
X12850/LOOP_PO1_g011/PO1/e02_0330

0350	C AN 20	Assigned Identification

M3 Application Description
Assigned identification as Customer's order line number

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field:
CUPO

XPath
X12850/LOOP_PO1_g011/PO1/e01_0350

0355	C AN 2	Unit or Basis for Measurement Code

M3 Application Description
Unit or basis for measurement code as Alternate U/M

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field:
ALUN

M3 Data Translation
Message standard: "X12" Version: "4010" Message: "850" Parent
elements: "g011/PO1" Data element: "e03_0355" Movex table:
"CSYTAB" Movex field: "OBALUN"

XPath
X12850/LOOP_PO1_g011/PO1/e03_0355

Group: 11	C 100000	Segment Group: 11

Segment: PO1   M 1   PO1 - Baseline Item Data

0639   C AN 2   Basis of Unit Price Code

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

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field: SPUN

M3 Data Translation
Message standard: "X12" Version: "4010" Message: "850" Parent elements: "g011/PO1" Data element: "e05_0639" Movex table: "CSYTAB" Movex field: "OBALUN"

XPath
X12850/LOOP_PO1_g011/PO1/e05_0639

Segment: REF   **C 9999999**   REF - Reference Identification

0127   C AN 30   Reference Identification

M3 Application Description
'AH' = Agreement number as Blanket agreement number

'PO' = Purchase order number as Customer's order number

M3 Application Specification
Condition: e01_0128 equals "AH"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: AGNO

Condition: e01_0128 equals "PO"

API dataMI program: OIS100MI Transaction: AddBatchHead Field: CUOR

XPath
X12850/LOOP_PO1_g011/REF/e02_0127

0128   M AN 3   Reference Identification Qualifier

M3 Application Description
'AH' = Agreement number
'PO' = Purchase order number
Other

M3 Application Specification
Fixed data: "AH" or "PO"

XPath
X12850/LOOP_PO1_g011/REF/e01_0128

Group: 11	C 100000	Segment Group: 11
Segment: **SDQ**	**C 500**	SDQ - Destination Quantity
0066	C AN 2	Identification Code Qualifier

M3 Application Description
'ZZ' = Mutually defined

M3 Application Specification
Fixed data: "ZZ"

XPath
X12850/LOOP_PO1_g011/SDQ/e02_0066

0067	M AN 80	Identification Code

M3 Application Description
Identification code as Delivery specification

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field:
DLSP

Note: Save value to sorting structure

M3 Data Translation
Message standard: "X12" Version: "4010" Message: "850" Parent
elements: "PO1/SDQ" Data element: "e03_0067" Movex table:
"OOLINE" Movex field: "OBDLSP"

XPath
X12850/LOOP_PO1_g011/SDQ/e03_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e05_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e07_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e09_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e11_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e13_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e15_0067

Group: 11	C 100000	Segment Group: 11
Segment: **SDQ**	**C 500**	SDQ - Destination Quantity
0067	M AN 80	Identification Code

M3 Application Description
Identification code as Delivery specification

M3 Application Specification
API dataMI program: OIS100MI Transaction: SndBatchLine Field: DLSP

Note: Save value to sorting structure

M3 Data Translation
Message standard: "X12" Version: "4010" Message: "850" Parent elements: "PO1/SDQ" Data element: "e03_0067" Movex table: "OOLINE" Movex field: "OBDLSP"

XPath
X12850/LOOP_PO1_g011/SDQ/e15_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e17_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e19_0067

XPath
X12850/LOOP_PO1_g011/SDQ/e21_0067

0380	M N 15	Quantity

M3 Application Description
Quantity as Ordered quantity

M3 Application Specification
Condition: e01_0066 equals "ZZ"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ORQT

Note: save value to sorting structure.

XPath
X12850/LOOP_PO1_g011/SDQ/e04_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e06_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e08_0380

Group: 11	C 100000	Segment Group: 11
Segment: **SDQ**	**C 500**	SDQ - Destination Quantity
0380	M N 15	Quantity

M3 Application Description
Quantity as Ordered quantity

M3 Application Specification
Condition: e01_0066 equals "ZZ"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ORQT

Note: save value to sorting structure.

XPath
X12850/LOOP_PO1_g011/SDQ/e10_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e12_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e14_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e16_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e18_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e20_0380

XPath
X12850/LOOP_PO1_g011/SDQ/e22_0380

Group: 13	C 1000	Segment Group: 13
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
X12850/LOOP_PO1_g011/LOOP_PID_g013/PID/e01_0349

Group: 13	C 1000	Segment Group: 13

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
X12850/LOOP_PO1_g011/LOOP_PID_g013/PID/e01_0349

0352	C AN 80	Description

M3 Application Description
Description as Item description

M3 Application Specification
Condition: e01_0349 equals "F"

API dataMI program: OIS100MI Transaction: SndBatchLine Field: ITDS

XPath
X12850/LOOP_PO1_g011/LOOP_PID_g013/PID/e05_0352

Group: 22	C 200	Segment Group: 22
Segment: **N1**	C 1	N1 - Name
0067	C AN 80	Identification Code

M3 Application Description

Identification code as Delivery specification

M3 Application Specification

Condition: No SDQ occurrence on current PO1-loop AND e01_0098 equals "CN" or "DA" or "ST"

API dataMI program: OIS100MI Transaction:SndBatchLine Field: DLSP

API Call: OIS100MI/SndBatchLine

Input field CONO: CONO

Input field ORNO: ORNO Note: Output from AddBatchHead.

Condition: SDQ occurrence on current PO1-loop

Read all SDQ records from sorting structure and call API for each:

API Call: OIS100MI/SndBatchLine

Input field CONO: CONO

Input field ORNO: ORNO Note: Output from AddBatchHead.

Input field DLSP: DLSP Note: Output from sorting structure

Input field ORQT: ORQT Note: Output from sorting structure

M3 Data Translation

Condition:e01_0098 equals "CN"

Message standard: "X12" Version: "4010" Message: "850" Parent elements: "g022/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "CN" Movex table: "OCUSAD" Movex field: "OBDLSP"

XPath
X12850/LOOP_PO1_g011/LOOP_N1_g022/N1/e04_0067

Group: 22	C 200	Segment Group: 22
Segment: **N1**	**C 1**	N1 - Name
0098	M AN 3	Entity Identifier Code

M3 Application Description
'CN' = Consignee
'DA' = Delivery address
'ST' = Ship to

M3 Application Specification
Fixed data: "CN" or "DA" or "ST"

XPath
X12850/LOOP_PO1_g011/LOOP_N1_g022/N1/e01_0098