



# Business Message Documentation

Application Type	Application Business Message (ABM)
M3 version	BE15
M3 Business Message	COCR - Customer Order Change Request
Message Direction	Inbound
Message Application	ABM CustomerOrder Change 1

Map name	M3BE15_COCR_In_ABM_CustomerOrder_Change_1
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## Introduction

This document is a Message Implementation Guideline (MIG) for a business message used in Infor's enterprise application, M3. It defines in detail the collaboration logic between the business message and the M3 system.

The MIG supplied by Infor is based on the business functionality in M3.

The business message format is Extensible Markup Language (XML). XML is a standard developed by the World Wide Web Consortium (W3C). "Element" in this document refers to an XML element. The business message is divided into "message parts"; a message part is a logical unit within the business message, for example, a header, an address or details/lines. Within each message part each element can have up to four parents. The message part, the parents and the element define the XPath for the element. Structural levels for the message's object and process (for example "PurchaseOrder" and "Show") are only shown in the XPaths in this document.

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



## Elements Used

This section contains a summary of all elements used in this message application, that is, the elements that have documentation attached. The XPaths for these elements are provided relative to the message parts. The elements are listed in message structure order



## Elements Used

MessagePart	Change/Detail
	Line/ORNO
	Line/PONR
	Line/POSX
	Line/ORQA
	Line/DWDZ
	Line/DWHZ
	Line/CUOR
	Line/TEPA
	Line/CUPA
	Line/ADID
	Line/DLSP
	Line/MODL
	Line/TEDL
	Line/EDFP



## Elements Used

MessagePart	<b>GeneralMessageHeader</b>
	MessageIdentification/MessageObject
	MessageIdentification/MessageMethod
	MessageIdentification/MessageVersion
	MessageIdentification/MessageIdentityNumber
	MessageLanguage/Language/Code
	MessageLanguage/Language/Description
	MessageDate/DateAndTime/Date
	MessageDate/DateAndTime/Time
	MessageDate/DateAndTime/GMTOffset
	MessageDate/DateAndTime/DateFormat
	MessageDate/DateAndTime/TimeFormat
	MessageFunction/MessageFunctionIndicator
	MessageStatus/MessageStatusIndicator
	ApplicationMessage/Identity
	ApplicationMessage/SeverityCode
	ApplicationMessage/Text
	ApplicationMessage/LanguageCode



## Element Documentation

This section is based on the same structure as the section Elements Used, but here you see all the available descriptions, statuses (conditional or mandatory), repeats (0, 1, 2 etc. or unbounded), data types (alphanumeric, numeric, date etc.) and data lengths. There is a page break for every message part. Parents' attributes are only shown when the parents change. This section also includes M3 application documentation and the XPath for the element, which specifies the position of the element in the message structure.

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 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”) and currency codes (“PND” to “GBP”). 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 business message. 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 business message.



MessagePart		Repeat		Description
Change/Detail		M	unbou	Customer order detail
Parent1	Line	M	1	Customer order line
Element	ORNO	M	a 10	Customer order number
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: ORNO <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/ORNO</i>				
Parent1	Line	M	1	Customer order line
Element	PONR	M	a 5	Line number
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: PONR <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/PONR</i>				
Parent1	Line	M	1	Customer order line
Element	POSX	C	a 2	Line suffix
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: POSX <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/POSX</i>				
Parent1	Line	M	1	Customer order line
Element	ORQA	C	a 16	Ordered quantity - alternate U/M
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: ORQA <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/ORQA</i>				
Parent1	Line	M	1	Customer order line
Element	DWDZ	C	d 10	Requested delivery date
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: DWDZ <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/DWDZ</i>				



MessagePart		Repeat	Description
Change/Detail		M unbou	Customer order detail

Parent1	Line	M 1	Customer order line
Element	DWHZ	C n 4	Requested delivery time

**M3 Application Description:**

**M3 Application Specification:**

API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: DWHZ

**XPath:** *CustomerOrder\_Change\_1/CustomerOrder/Change/Detail/Line/DWHZ*

Parent1	Line	M 1	Customer order line
Element	CUOR	C a 20	Customer's order number

**M3 Application Description:**

**M3 Application Specification:**

API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: CUOR

**XPath:** *CustomerOrder\_Change\_1/CustomerOrder/Change/Detail/Line/CUOR*

Parent1	Line	M 1	Customer order line
Element	TEPA	C a 3	Packaging terms

**M3 Application Description:**

**M3 Application Specification:**

API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: TEPA

**XPath:** *CustomerOrder\_Change\_1/CustomerOrder/Change/Detail/Line/TEPA*

Parent1	Line	M 1	Customer order line
Element	CUPA	C a 17	Customer's packaging identity

**M3 Application Description:**

**M3 Application Specification:**

API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: CUPA

**XPath:** *CustomerOrder\_Change\_1/CustomerOrder/Change/Detail/Line/CUPA*

Parent1	Line	M 1	Customer order line
Element	ADID	C a 6	Address number

**M3 Application Description:**

**M3 Application Specification:**

API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: ADID

**XPath:** *CustomerOrder\_Change\_1/CustomerOrder/Change/Detail/Line/ADID*





MessagePart		Repeat	Description
Change/Detail		M unbou	Customer order detail
Parent1	Line	M 1	Customer order line
Element	DLSP	C a 12	Delivery specification
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: DLSP <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/DLSP</i>			
Parent1	Line	M 1	Customer order line
Element	MODL	C a 3	Delivery method
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: MODL <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/MODL</i>			
Parent1	Line	M 1	Customer order line
Element	TEDL	C a 3	Delivery terms
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: TEDL <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/TEDL</i>			
Parent1	Line	M 1	Customer order line
Element	EDFP	C a 18	EDIFACT price
<b>M3 Application Description:</b> <b>M3 Application Specification:</b> API data MI program: OIS100MI Transaction: ChgLineBatchEnt Field: EDFP <b>XPath:</b> <i>CustomerOrder_Change_1/CustomerOrder/Change/Detail/Line/EDFP</i>			

MessagePart		Repeat		Description
<b>GeneralMessageHeader</b>		<b>M</b>	<b>1</b>	<b>General message header</b>
Parent1	<b>MessageIdentification</b>	M	1	Message identification
Element	<b>MessageObject</b>	M		Message object
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageIdentification/MessageObject</i>				
Parent1	<b>MessageIdentification</b>	M	1	Message identification
Element	<b>MessageMethod</b>	M		Message method
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageIdentification/MessageMethod</i>				
Parent1	<b>MessageIdentification</b>	M	1	Message identification
Element	<b>MessageVersion</b>	M		Message version
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageIdentification/MessageVersion</i>				
Parent1	<b>MessageIdentification</b>	M	1	Message identification
Element	<b>MessageIdentityNumber</b>	M		MessageIdentityNumber
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageIdentification/MessageIdentityNumber</i>				
Parent2	<b>MessageLanguage</b>	M	1	MessageLanguage
Parent1	<b>Language</b>	M	1	Language
Element	<b>Code</b>	M		Code
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageLanguage/Language/Code</i>				
Parent2	<b>MessageLanguage</b>	M	1	MessageLanguage
Parent1	<b>Language</b>	M	1	Language
Element	<b>Description</b>	C		Description
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageLanguage/Language/Description</i>				
Parent2	<b>MessageDate</b>	M	1	Message Date
Parent1	<b>DateAndTime</b>	C	1	DateAndTime
Element	<b>Date</b>	M		Date
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageDate/DateAndTime/Date</i>				
Parent2	<b>MessageDate</b>	M	1	Message Date
Parent1	<b>DateAndTime</b>	C	1	DateAndTime
Element	<b>Time</b>	C		Time
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageDate/DateAndTime/Time</i>				

MessagePart		Repeat		Description
<b>GeneralMessageHeader</b>		<b>M</b>	<b>1</b>	<b>General message header</b>
Parent2	<b>MessageDate</b>	M	1	Message Date
Parent1	<b>DateAndTime</b>	C	1	DateAndTime
Element	<b>GMTOffset</b>	C		GMTOffset
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageDate/DateAndTime/GMTOffset</i>				
Parent2	<b>MessageDate</b>	M	1	Message Date
Parent1	<b>DateAndTime</b>	C	1	DateAndTime
Element	<b>DateFormat</b>	C		Date format
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageDate/DateAndTime/DateFormat</i>				
Parent2	<b>MessageDate</b>	M	1	Message Date
Parent1	<b>DateAndTime</b>	C	1	DateAndTime
Element	<b>TimeFormat</b>	C		Time format
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageDate/DateAndTime/TimeFormat</i>				
Parent1	<b>MessageFunction</b>	C	1	Message function
Element	<b>MessageFunctionIndicator</b>	C		Message function indicator
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageFunction/MessageFunctionIndicator</i>				
Parent1	<b>MessageStatus</b>	C	1	Message status
Element	<b>MessageStatusIndicator</b>	C		Message status indicator
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/MessageStatus/MessageStatusIndicator</i>				
Parent1	<b>ApplicationMessage</b>	C	unbounded	Application message
Element	<b>Identity</b>	M		Identity
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/ApplicationMessage/Identity</i>				
Parent1	<b>ApplicationMessage</b>	C	unbounded	Application message
Element	<b>SeverityCode</b>	C		Severity code
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/ApplicationMessage/SeverityCode</i>				
Parent1	<b>ApplicationMessage</b>	C	unbounded	Application message
Element	<b>Text</b>	M		Text
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/ApplicationMessage/Text</i>				



MessagePart		Repeat		Description
<b>GeneralMessageHeader</b>		<b>M</b>	<b>1</b>	<b>General message header</b>
Parent1	<b>ApplicationMessage</b>	C	unbounded	Application message
Element	<b>LanguageCode</b>	M		Language code
<b>XPath:</b> <i>CustomerOrder_Change_1/GeneralMessageHeader/ApplicationMessage/LanguageCode</i>				



**END**