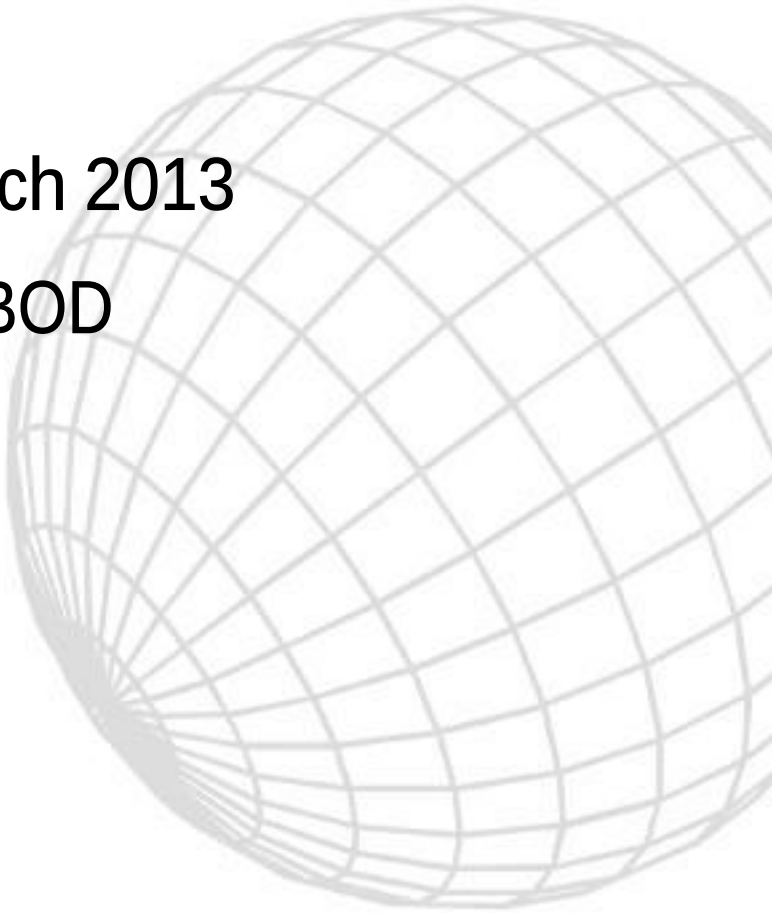
MESA INTERNATIONAL
Driving Operations Excellence

Business To Manufacturing Markup Language

Confirm BOD

Version 6.0 - March 2013

B2MML-ConfirmBOD



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CHANGE HISTORY

Change	Date	Person	Description
V04	04 June 2007	Dennis Brandl	• Initial version with transaction elements
V0401	Oct 2008	Dennis Brandl	• Changed version number
V0500	Mar 2011	Dennis Brandl	Updated version number documentation and WBF name in copyright. No other changes made.
V0600	Aug 2012	D. Brandl	Updated MESA Copyright

SCHEMA SCOPE

This document defines the information about process segment definitions that may be exchanged between business systems and manufacturing operations systems. This information is based on the data models and attributes defined in the ANSI/ISA 95.00.02 Enterprise/Control System Integration standard. Contact ISA (The Instrumentation, System, and Automation Society) for copies of the standard. Additional information on the standard is available at www.isa.org.

Key Information Assumptions

The data represented in these schemas is derived from the model defined in the ANSI/ISA 95.00.05 standard and based on a subset of information defined in the OAGiS ConfirmBOD schema definition.

This schema uses a common schema for definition of elements that are used in multiple schemas. See the document defining the Common schema for definition of the common elements.

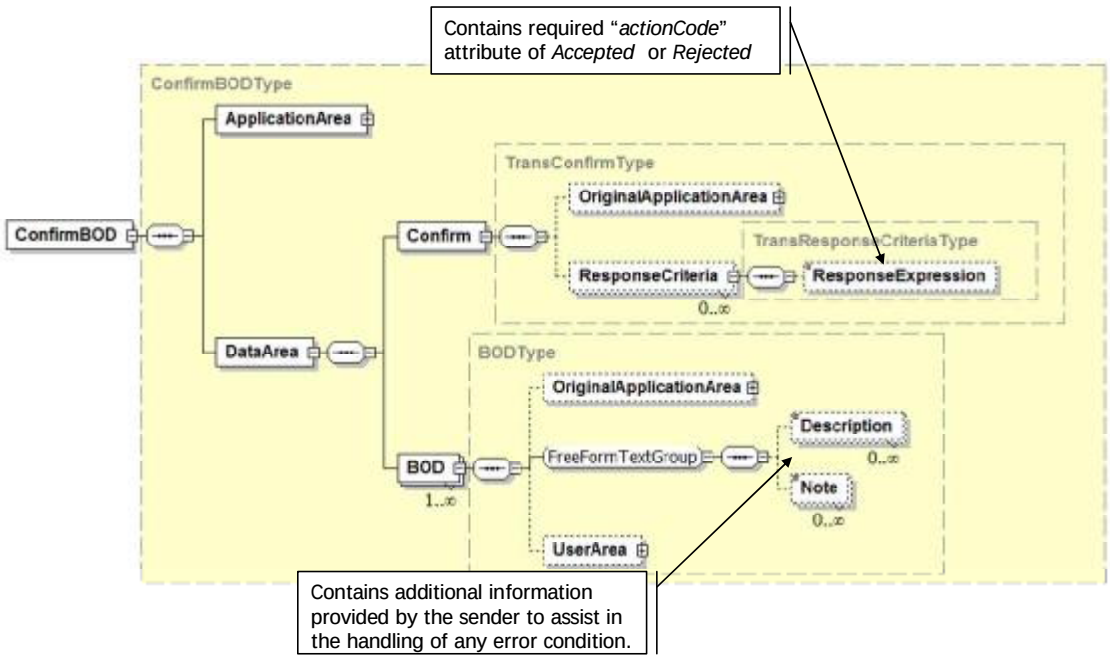
The ConfirmBOD message is a general response message that may be sent as a response from any other

BOD

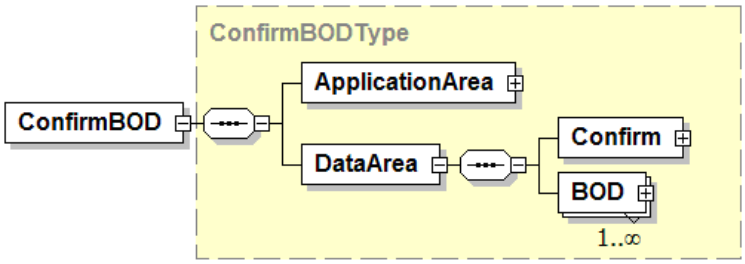
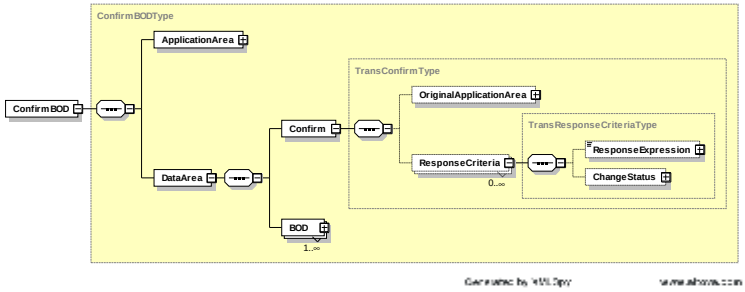
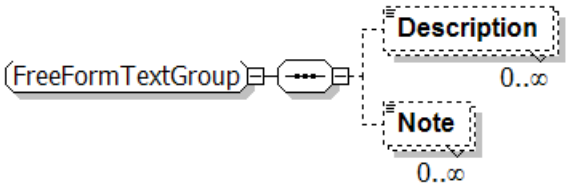
A BOD is a general data type used to hold response information for a confirm message.

ConfirmBOD

The ConfirmBOD is the message that is returned when the confirmation option is specified in a message. The actual status of the response is contained in the actionCode attribute in the Confirm.ResponseCriteria.ResponseExpression. Addition information may be contained in the Description and Note areas in the BOD.



ELEMENT DEFINITIONS

Element/Type	Description
ConfirmBOD	The ConfirmBOD is a complex type that contains an application area and data area. The data area contains a Confirm element and a BOD element. 
TransConfirmType	The **TransConfirmType** contains a copy of the original application area sent on the message requesting confirmation. It also contains a **ResponseCriteria** that contains a **ResponseExpression** that contains an **actionCode** attribute with the confirmation status. 
BOD	A general type that is used to contain additional return status information. 
FreeFormTextGroup	A group of Descriptions and Notes that are related and contain additional return status information. 

TRANSACTION ELEMENTS

The following elements are defined to support the ISA 95 Part 5 transactions, using the transaction data types defined in the B2MML-Common.xsd schema.

Process Segment Information Elements	Description
ConfirmBOD	Confirmation status return from another transaction message.

B2MML - OAGIS DIFFERENCES

There are several elements defined in the OAGiS 9.0 specification that are not included in the B2MML specification. The following figure illustrates the elements in OAGiS that are not included in B2MML. These include BODFailureMessage, BODSuccessMessage, and PartialBODFailreMessage elements.

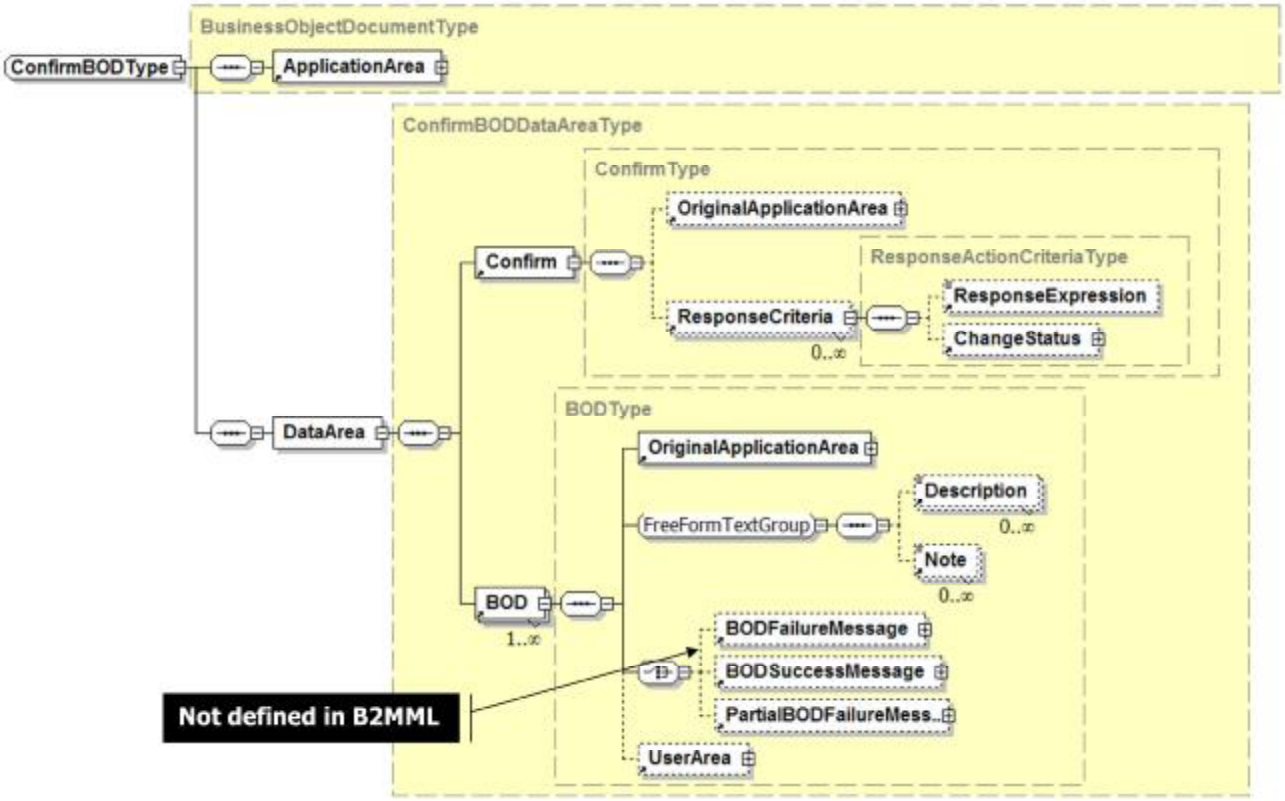
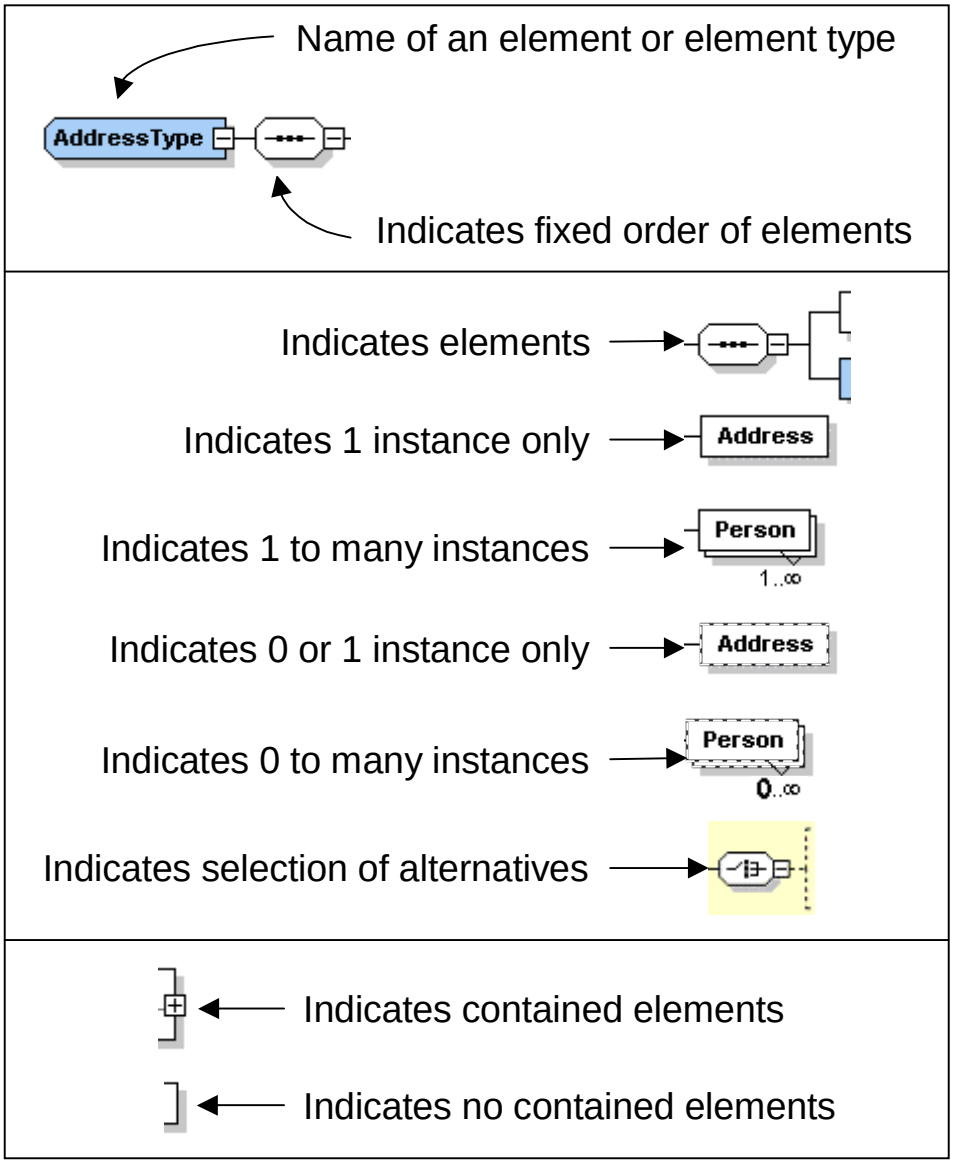


DIAGRAM CONVENTION

The schema diagrams using the following convention to illustrate the structure of the schema elements, the type of the elements and attributes, and the rules for optional elements and repetition.



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About the XML Committee: The XML Committe was formed within MESA to provide a forum for the development of the B2MML and BatchML specifications.