

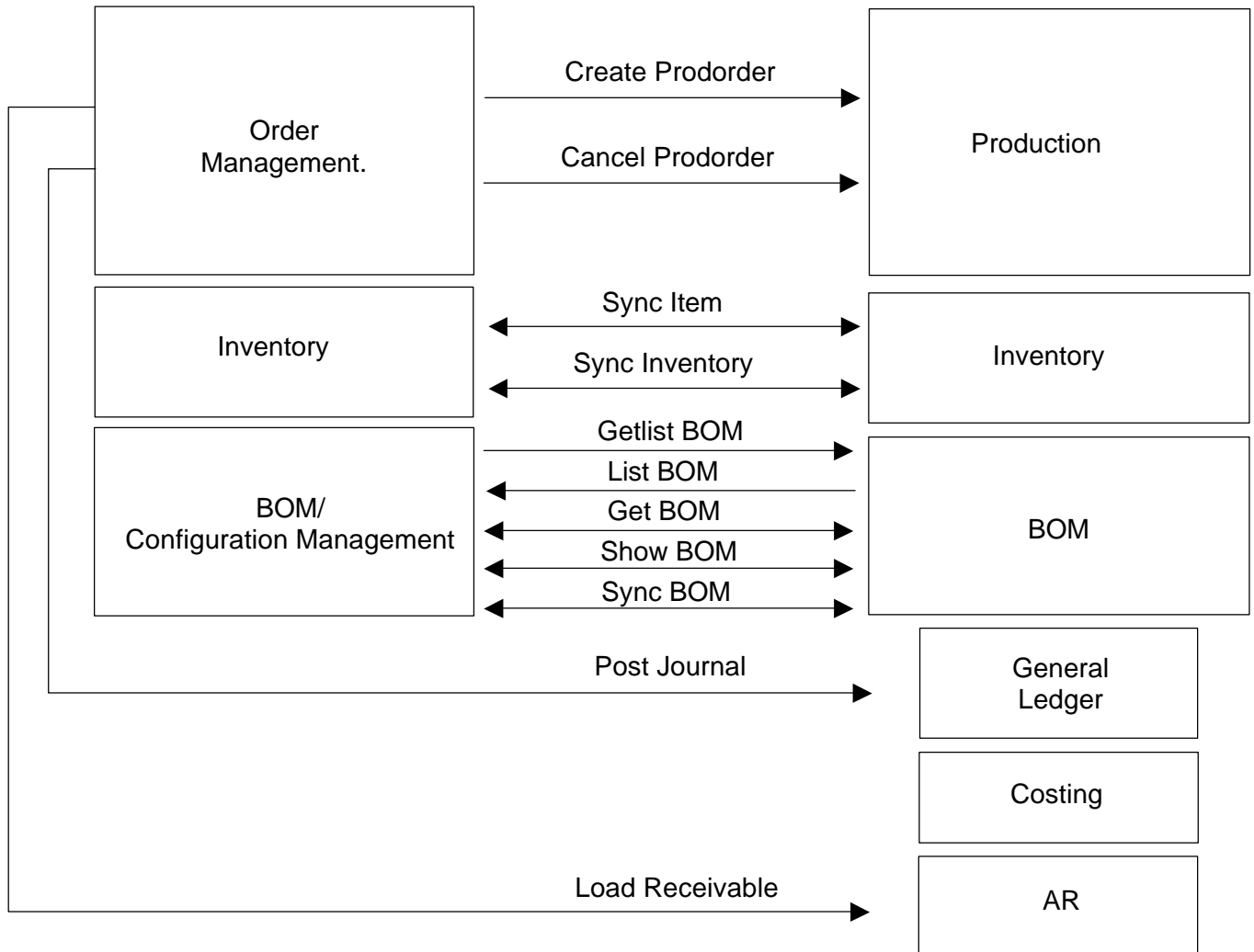
99. LIST BOM - REVISION 002

99.0 Overview

This chapter describes the Business Service Request named LIST BOM, the Verb being LIST and the Noun being BOM. BOM stands for Bill of Material. The environment for this BSR can be within the enterprise or outside the enterprise.

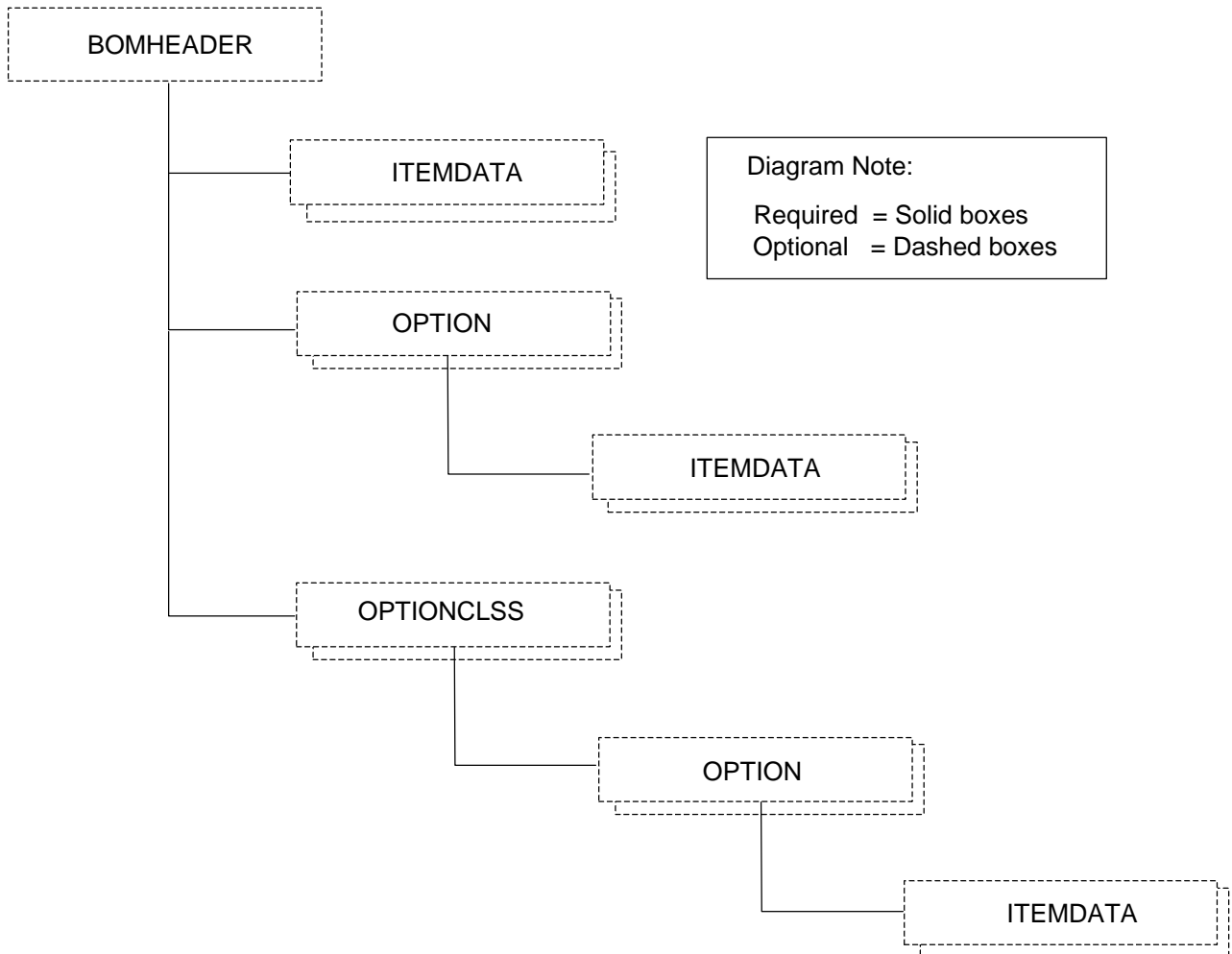
The purpose of the LIST BOM Business Service Request is to communicate one or more summary listings of BOM information to another business application component. This may be the result of a GETLIST request or it may be initiated by some other business event.

This BSR may be used individually, or as part of a larger interface scenario. The picture below visualizes one of the possible uses of this BSR. This BSR does not usually cause updates to occur.



99.1 List BOM

The LIST BOM Business Object Document consists of the following components:



The Business Service Request LIST BOM uses the following Data Types:

1. **BOMHEADER** - Information that generally describes the Bill of Material Structure and its contents. This Data Type is optional.
2. **ITEMDATA** - Information that describes the attributes of a specific item. This Data Type is optional.
3. **OPTION** - Information that describes the attributes of a specific OPTION for an ITEM. This Data Type is optional.

4. **OPTIONCLSS** - Information that describes the class of OPTION for a particular Product or Item. This Data Type is optional.

Processing Notes:

When included in a hierarchy, the Data Types are position dependent for their meaning and applicability to the Bill Of Material.

99.2 BOMHEADER

The Data Type, "**BOMHEADER**", is the first Data Type the Business Service Request "**LIST BOM**" uses. This Data Type is optional.

Listed are all the Field Identifiers and Segments that are valid for use within the BOMHEADER Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

There are no required fields for the BOMHEADER.

OPTIONAL BOMHEADER DATA	
NAME	APPENDIX
BOMALTID	C
BOMID	C
BOMNAME	C
BOMREVISION	C
BOMSTATUS	C
BOMTYPE	C
BOMUSAGE	C
DATETIME(EFFECTIVE)	D
DATETIME(EXECSTART)	D
DATETIME(EXPIRATION)	D
ITEM	C
ITEMRV	C
PROPERTY1 - PROPERTY99	C
TRAKNGFLAG	C
USERAREA	C

99.3 ITEM DATA

The Data Type “**ITEMDATA**” describes a particular ITEM within a product or Bill of Material structure. The ITEM DATA is an optional Data Type.

Listed are all the Field Identifiers and Segments that are valid for use within the ITEM DATA Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

There are no required fields for the ITEM DATA.

OPTIONAL ITEM DATA DATA	
NAME	APPENDIX
CONSUMPTN	C
DATETIME(EFFECTIVE)	D
DATETIME(EXECFINISH)	D
DATETIME(EXECSTART)	D
DESCRIPTN	C
FIXDQTYIND	C
ITEM	C
ITEMRV	C
ITEMTYPE	C
LOTLEVEL1 - LOTLEVEL2	C
NOTES	C
OPERATNID	C
OPERATNSEQ	C
PROPERTY1 - PROPERTY99	C
QUANTITY(ITEM)	D
QUANTITY(LDTMOFFSET)	D
QUANTITY(LOTSIZEMAX)	D
QUANTITY(LOTSIZEMIN)	D
QUANTITY(LOTSIZEMLT)	D
QUANTITY(PERCENTREQ)	D
REPRTGFLAG	C
SCRAP	C
SERIALNUM	C

OPTIONAL ITEM DATA DATA	
NAME	APPENDIX
TRAKNGFLAG	C
USERAREA	C

99.4 OPTIONCLSS

The Data Type "OPTIONCLSS" represents information about a specific class of OPTION. The OPTIONCLSS is an optional Data Type.

Listed are all the Field Identifiers and Segments that are valid for use within the OPTIONCLSS Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

There are no required fields for the OPTIONCLSS.

OPTIONAL OPTIONCLSS DATA	
NAME	APPENDIX
DESCRIPTN	C
EXCLUSIVE	C
MANDATORY	C
NOTES	C
OPTCLSNAME	C
OPTCLSSID	C
USERAREA	C

99.5 OPTION

The Data Type “**OPTION**” describes a particular OPTION for a product. This Data Type is optional.

Listed are all the Field Identifiers and Segments that are valid for use within the OPTION Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

There are no required fields for the OPTION.

OPTIONAL OPTION DATA	
NAME	APPENDIX
DEFAULT	C
DESCRIPTN	C
EXCLUSIVE	C
NOTES	C
OPTIONID	C
OPTIONNAME	C
USERAREA	C