

55. LIST PO - REVISION 003

55.0 Overview

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

The purpose of the LIST PO Business Service Request is to send information relative to demand for goods or services to another business application. This may be in response to a GETLIST PO request, or it may be a notification vehicle, initiated upon an event in a business application.

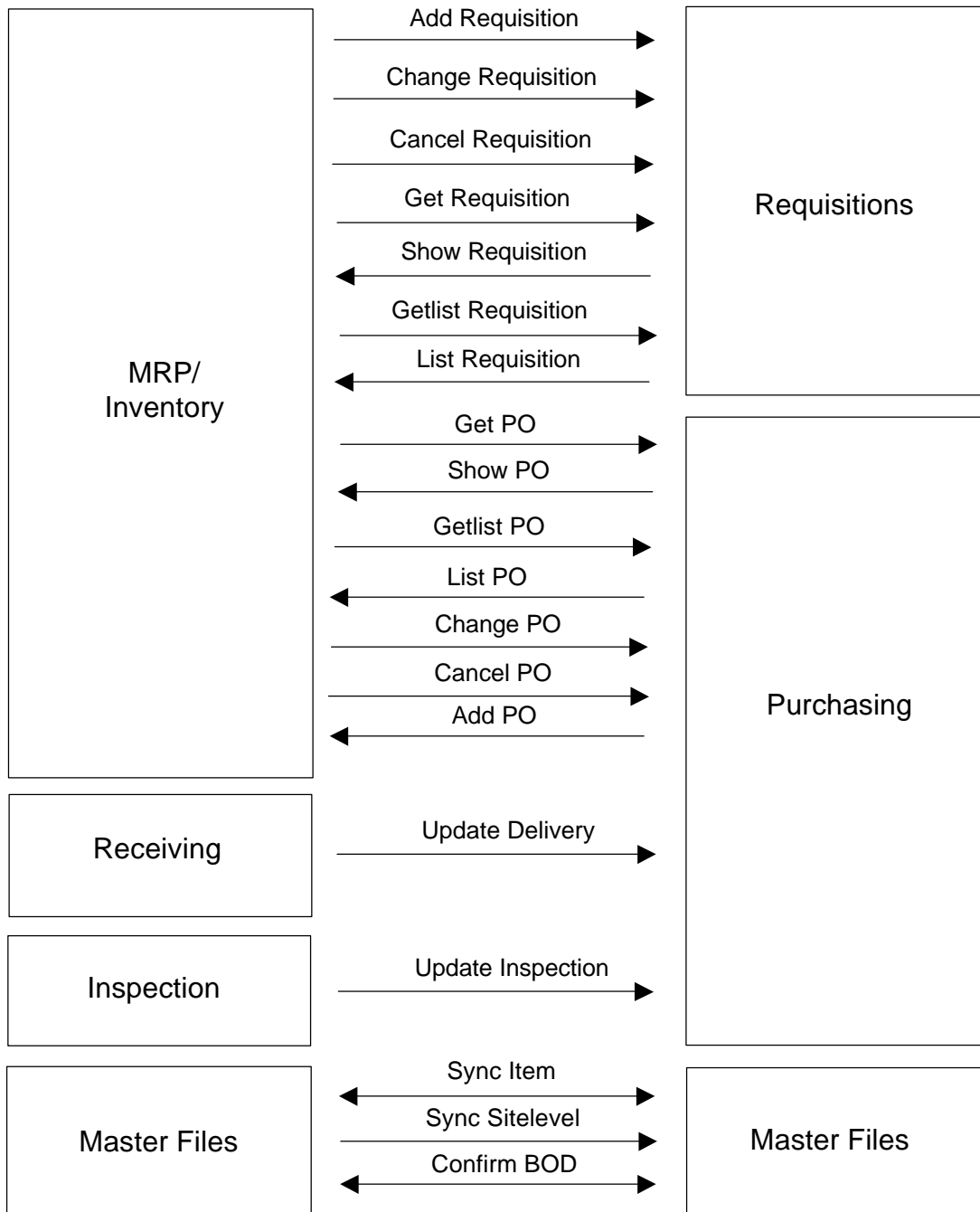
The LIST verb describes the behavior of supplying one or several documents in a summary format to the requesting business application. These listings of information may be supplied for Purchase Orders, PO Lines, or PO Sub-Lines.

This BSR usually does not cause updates to occur and may be used as part of a larger integration scenario or as a single tool for communicating demand. There are many possible business applications in several environments that may use this capability.

For example:

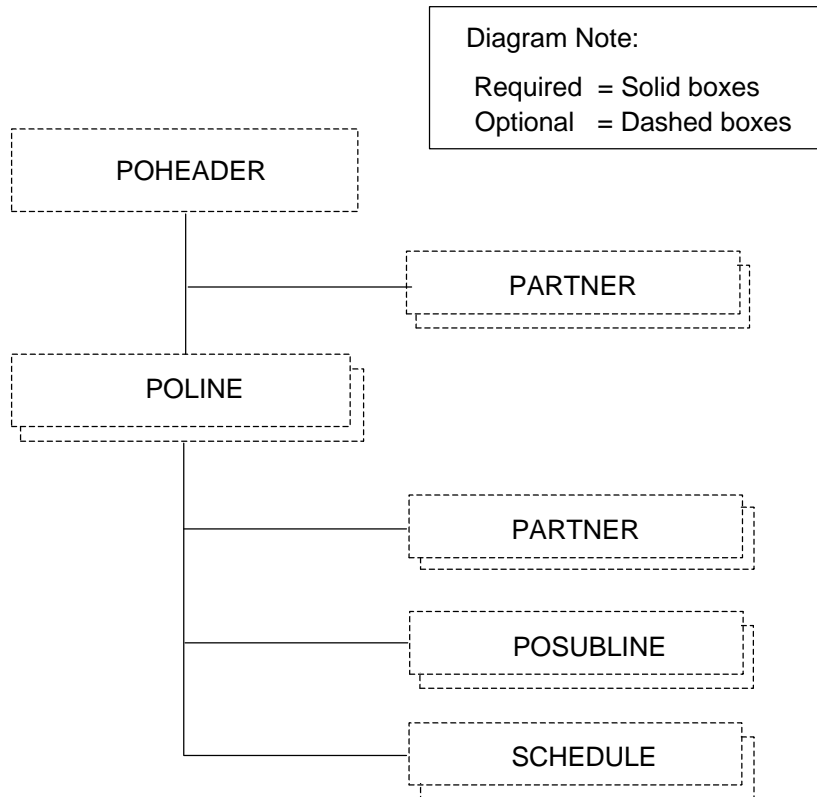
1. A PO application could use this BSR to send information to a Plant Data Collection application.
3. A MRP, Inventory or Manufacturing business application could use this to obtain order information.

This BSR may be used individually, or as part of a larger interface scenario. The picture below visualizes a possible use of this BSR.



55.1 List PO

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



The Business Service Request LIST PO uses the following Data Types.

1. **POHEADER** - Information that applies to the entire purchase order. This Data Type is optional.
2. **PARTNER** – Partner information including partner id, name, currency, etc. This Data Type is optional.
3. **POLINE** - The item or product ordered along with quantity, price and other descriptive information. This Data Type is optional.
4. **POSUBLINE** - Used if the item on the POLINE needs to be divided into smaller items such as sub-components or subassemblies. This Data Type is optional.
5. **SCHEDULE** - Dates and quantities for delivery or shipment of ordered products. This Data Type is optional. This Data Type is used only as a part of the POLINE and can not exist without a POLINE.

55.2 POHEADER

The Data Type, "POHEADER", is the first of several Data Types the Business Service Request "LIST PO" uses.

Listed are all the Field Identifiers and Segments that are valid for use within the POHEADER 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.

The first table represents required data.

REQUIRED POHEADER DATA	
NAME	APPENDIX
POID	C

The second table describes data that is optional.

OPTIONAL POHEADER DATA	
NAME	APPENDIX
BUYERID	C
CONTRACTB	C
CONTRACTS	C
COSTCENTER	C
DATETIME(DOCUMENT)	D
DESCRIPTN	C
DOCKID	C
FUND	C
GLENTITYS	C
GLNOMACCT	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPRAMTAUTH	C
PLANNERID	C
POENTITY	C
PORELEASE	C
POSTATUS	C

OPTIONAL POHEADER DATA	
NAME	APPENDIX
POTYPE	C
REQUESTER	C
REQUISTNID	C
SALESORDID	C
SITELEVEL1 - SITELEVEL9	C
USERAREA	C

55.3 PARTNER

The Data Type “**PARTNER**” represents the business partner. Several examples of PARTNERS are those business partners that products are sold to, bought from, or delivered by. It is optional to have one occurrence of this Data Type. The usage of the PARTNER Data Type in the LIST PO BSR is for listing partner data for requisitions.

This table represents valid data for the PARTNER Data Type. All of the data is optional.

OPTIONAL PARTNER DATA	
NAME	APPENDIX
CURRENCY	C
DESCRIPTN	C
MAXITEMS	C
NAME1 - NAME9	C
PARTNRID	C
PARTNRIDX	C
PARTNRTYPE	C
TAXEXEMPT	C
TAXID	C
USERAREA	C

55.4 POLINE

The Data Type “**POLINE**” represents the detail lines of the purchase order. Listed are all the Field Identifiers and Segments that are valid for use within the POLINE Data Type.

The first table represents required data.

REQUIRED POLINE DATA	
NAME	APPENDIX
DESCRIPTN	C
ITEM	C
ITEMX	C
POLINENUM	C
UPC	C

Processing Note:

Of the following required fields, only one must be present, not all are required to be present.

- 1) ITEM or,
- 2) DESCRIPTN or,
- 3) ITEMX or,
- 4) UPC

The second table describes data that is optional.

OPTIONAL POLINE DATA	
NAME	APPENDIX
BUYERID	C
COMMODITY1 - COMMODITY3	C
CONTRACTB	C
CONTRACTS	C
COSTCENTER	C
DATETIME(NEEDEDELV)	D
DELIVERTO	C
DOCKID	C
DRAWING	C
FRGHTCLS	C

OPTIONAL POLINE DATA	
NAME	APPENDIX
FUND	C
GLENTITYS	C
GLNOMACCT	C
HAZRDMATL	C
ITEMRV	C
ITEMRVX	C
NOTES	C
OPERAMT(UNIT)(T)	D
PACKING	C
POENTITY	C
POLNSTATUS	C
PROPERTY1 - PROPERTY99	C
QUANTITY(BACKORDERD)	D
QUANTITY(OPEN)	D
QUANTITY(ORDERED)	D
QUANTITY(RECEIVED)	D
REQUESTER	C
REQUISTNID	C
SALESORDID	C
SERIALNUM	C
SITELEVEL1 - SITELEVEL9	C
USERAREA	C

55.5 POSUBLINE

The Data Type “**POSUBLINE**” represents the any additional information concerning the product on the POLINE. The POSUBLINE can be used to describe a specific configuration of the ordered item.

The POSUBLINE is an optional Data Definition Area. Listed are all the Field Identifiers and Segments that are valid for use within the POSUBLINE Data Type.

The first table represents required data.

REQUIRED POSUBLINE DATA	
NAME	APPENDIX
DESCRIPTN	C

REQUIRED POSUBLINE DATA	
NAME	APPENDIX
ITEM	C
ITEMX	C
UPC	C

Processing Notes:

Of the following required fields, at least one is required.

- 1) ITEM or,
- 2) DESCRIPTN or,
- 3) ITEMX or,
- 4) UPC

POSUBLINE usage is further defined by its position on the Purchase Order structure. For example, each POSUBLINE that follows a POLINE Data Type is inferred to be associated with the POLINE Data Type.

The second table describes data that is optional.

OPTIONAL POSUBLINE DATA	
NAME	APPENDIX
DRAWING	C
ITEMRV	C
ITEMRVX	C
PROPERTY1 - PROPERTY99	C
PSBLINENUM	C
QUANTITY(ITEM)	D
USERAREA	C

55.5 SCHEDULE

The Data Type “**SCHEDULE**” represents the requested ship or delivery dates for goods ordered. The SCHEDULE is an optional Data Definition Area. Listed are all the Field Identifiers and Segments that are valid for use within the SCHEDULE Data Type. The SCHEDULE can not be associated with a POSUBLINE. It is only associated with a POLINE.

The first table represents required data.

REQUIRED SCHEDULE DATA	
NAME	APPENDIX
DATETIME(NEEDEDELV)	D
QUANTITY(ORDERED)	D

Processing Note:

SCHEDULE usage is further defined by its position on the SHOW PO. For example, each SCHEDULE that follows a POLINE Data Type is inferred to be associated with the POLINE Data Type.

The second table describes data that is optional.

OPTIONAL SCHEDULE DATA	
NAME	APPENDIX
DESCRIPTN	C
PSCLINENUM	C
REQUESTER	C
REQUISTNID	C
USERAREA	C