

68. SYNC INVENTORY - REVISION 003

68.0 Overview

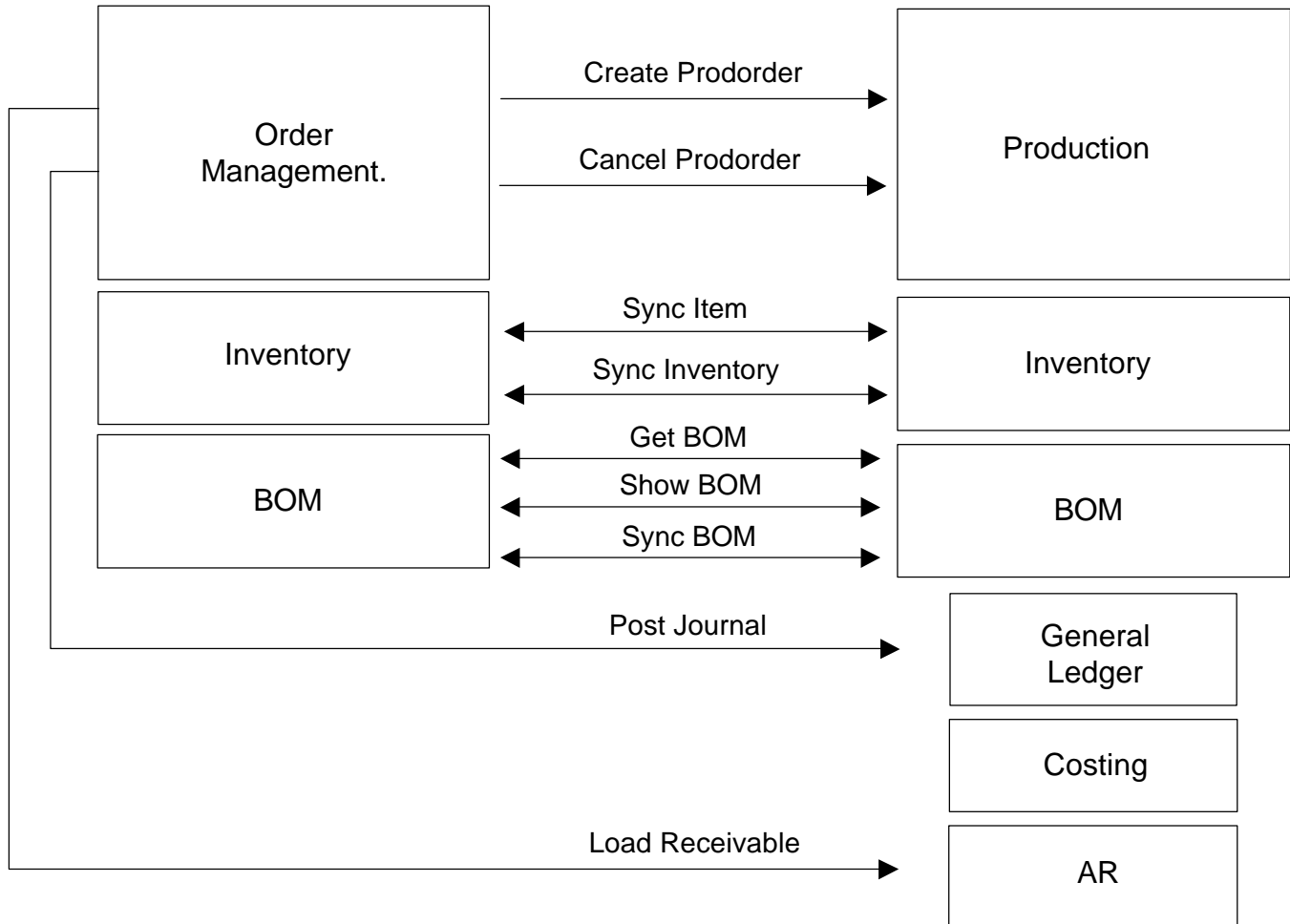
This chapter describes the Business Service Request named SYNC INVENTORY, the Verb being SYNC and the Noun being INVENTORY.

The purpose of the SYNC INVENTORY Business Service Request is to enable the synchronization of Inventory data that exists on separate Item Master databases. This data is not the master data that describes the attributes of the item such as dimensions, weight, or unit of measure. This is data that describes the ITEM as it exists at a specific location.

The primary focus of this BSR is to synchronize the quantity of an item by stocking location.

This BSR may create new Inventory records. Its purpose is to either create or update existing Inventory records. See the UPDATE INVENTORY chapter for the BSR that can only update Inventory records.

The picture below visualizes a possible use of this BSR.



68.1 Sync Inventory

The SYNC INVENTORY Business Object Document uses the following Data Type:

1. **INVENTORY** - Inventory related information about an item or part. This data type is not for describing the item and its attributes. This Data Type is required.

68.2 INVENTORY

The Data Type, “**INVENTORY**”, is the only Data Type the Business Service Request “**SYNC INVENTORY**” uses. For each item represented in the Business Data Area, there must be one occurrence of the INVENTORY Data Type at the beginning of each Business Data Area.

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

REQUIRED INVENTORY DATA	
NAME	APPENDIX
DATETIME(EFFECTIVE)	D
ITEM	C
QUANTITY(ITEM)	D
SITELEVEL1 - SITELEVEL2	C
SYNCIND	C

Processing Notes:

The QUANTITY(ITEM) is a replacement value, not an incremental value. The sending system can not be expected to always know what the inventory count is at the receiving site, and therefore this is the total from the destination application.

The SYNCID is expected to always to a “C” for change for this BSR. This is because of the special nature of the BSR.

The fields in the required table above that may affect a change in the ITEM data are:

- DATETIME(EFFECTIVE)
- QUANTITY(ITEM)

The rest of the fields, such as ITEM and SYNCID are for identification or informational purposes only.

The receiving system needs to note the date and time stamp on the BOD and needs to note for the update transactions that occurred after that date and time. The receiving system should not over write a newer update with an older one or the application data integrity will be compromised.

The second table describes data that is optional.

OPTIONAL INVENTORY DATA	
NAME	APPENDIX
CTCHWCONV	C
DATETIME(EXPIRATION)	D
DENSITYFAC	C
DESCRIPTN	C
GLENTITYS	C
INVENDISP	C
ITEMRV	C
ITEMSTATUS	C
LOTLEVEL1 - LOTLEVEL2	C
NAME1 - NAME9	C
NOTES	C
PRDLINENUM	C
PRODORDID	C
PROPERTY1 - PROPERTY99	C
QUANTITY(ALLOCATED)	D
QUANTITY(AVAILABLE)	D
QUANTITY(BLOCKED)	D
QUANTITY(CATCHWEGHT)	D
QUANTITY(INSPECTION)	D
SALESORDID	C
SERIALNUM	C
SITELEVEL3 - SITELEVEL9	C
SOLINENUM	C
TEMPRATURE(ACTUAL)	D
TEMPRATURE(DELIVERY)	D
TEMPRATURE(LOADING)	D
UNITTYPE	C
USERAREA	C
VALUECLASS	C

Processing Note:

The fields in the optional table above that may affect a change in the ITEM data are all the quantity fields.

All QUANTITY segments will be updated as replacing the entire field, not incremented by the quantity.