

# 104. GETLIST PRODORDER - REVISION 002

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## 104.0 Overview

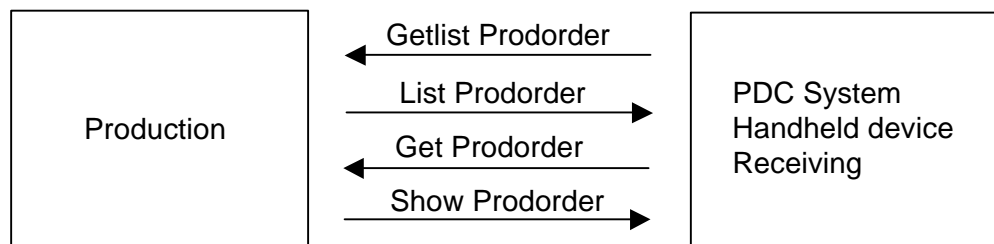
This chapter describes the Business Service Request named GETLIST PRODORDER, the Verb being GETLIST and the Noun being PRODORDER. The environment for this BSR can be within the enterprise or outside the enterprise.

The purpose of the GETLIST PRODORDER Business Service Request is to enable an business software component to request summary Production Order information from another business application module.

The response to this request is the LIST PRODORDER.

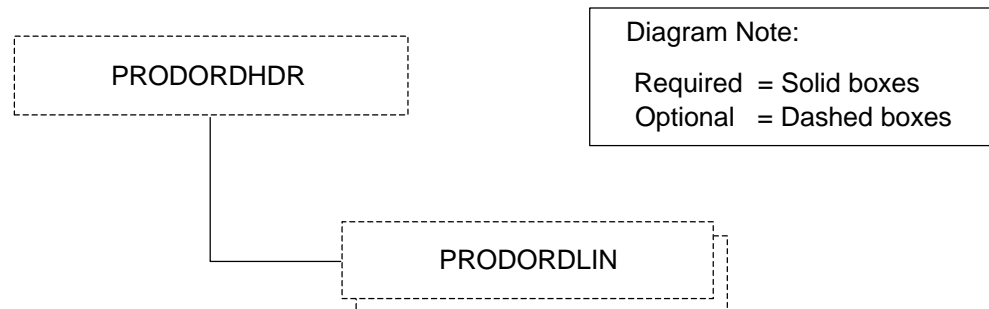
The GETLIST PRODORDER also enables the retrieval of information across several documents by using selection fields. An example of this could be requesting all PRODORDER Lines for a specific ITEM. This type of functionality is limited to the capabilities of the responding application and needs to be determined during the implementation project.

This BSR does not usually cause updates to occur. It may be used as part of a large integration scenario or as a single tool for requesting information on existing demands for goods or services. The picture below visualizes a possible use of this BSR.



## 104.1 Getlist Prodorder

The GETLIST PRODORDER Business Object Document consists of the following components:



The Business Service Request GETLIST PRODORDER uses the following Data Types:

1. **PRODORDHDR** - Information used to communicate the details of the production order requested to be initiated. This Data Type is optional.
2. **PRODORDLIN** – Information used to communicate the individual items on the pre-determined Bill of Material structure. This Data Type is optional.

### Processing Notes:

Many of the Data Types and Field Identifiers contained in this BSR may be used to select required information. This is done by requesting specific Field Identifiers or by requesting an entire Data Type.

If the Data Type is not using Field Identifiers to select information, but the data within a Data Type is requested to be returned, the Data Type is coded without any Field Identifiers and with zero occurrences in the meta data part of the BOD. This will signify to the responding application that all of the data that corresponds to that Data Type are to be included in the response.

The Field Identifiers within each Data Type are included in this chapter to clarify what can be expected to be returned or as options for selecting information.

Under some circumstances, the hierarchy of Data Types may be bypassed in this BSR. An example of this is requesting PRODORDLIN information by ITEM. In this case the Data Type may be sent with a GETLIST request without any accompanying Data Types such as the PRODORDHDR.

## 104.2 PRODORDHDR

The Data Type, "PRODORDHDR", is the first Data Type the Business Service Request "GETLIST PRODORDER" uses. This Data Type is optional.

The fields in this Data Type are used either for selecting the data required or as an example of what data may be returned in the LIST PRODORDER response.

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

OPTIONAL PRODORDHDR DATA	
NAME	APPENDIX
BOMID	C
BOMREVISION	C
COUNTRYDST	C
COUNTRYORG	C
DATETIME(AVAILABLE)	D
DATETIME(DOCUMENT)	D
DATETIME(DUE)	D
DATETIME(FORECASTF)	D
DATETIME(FORECASTS)	D
DATETIME(FROM)	D
DATETIME(NEEDEDELV)	D
DATETIME(REQUIRED)	D
DATETIME(TO)	D
DESCRIPTN	C
HDRSTATUS	C
ITEM	C
ITEMDESC	C
ITEMRV	C
ITEMVAR	C
LOTLEVEL1 - LOTLEVEL2	C
MAXITEMS	C
NOTES	C

OPTIONAL PRODORDHDR DATA	
NAME	APPENDIX
PARTNRID	C
PARTNRTYPE	C
PRDLINENUM	C
PRIORITY	C
PRODORDID	C
PRODOSTATS	C
PRODOTYPE	C
QUANTITY(ORDERED)	D
ROUTINGID	C
ROUTINGREV	C
ROUTINGVAR	C
SALESORDID	C
SERIALNUM	C
SITELEVEL1 - SITELEVEL9	C
SOLINENUM	C
SUFFIX	C
USERAREA	C

**Processing Note:**

This BOD enables range selections. This is accomplished by including two separate occurrences of a Field Identifier. The first occurrence is the "FROM" selection and the second, or duplicate Field Identifier is the "TO" in the range to be selected.

If a second Field Identifier is not included, the selection will continue until the data no longer applies to the selection or the MAXITEMS is reached.

In all cases where range selections are used, the solution set to be returned will include through the "TO" field. This is sometimes known as an "inclusive" range selection.

Even if you do not want to select by the PRODORDHDR Data Type, but require the MAXITEMS capability, the PRODORDHDR is required to be sent to accomplish this.

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## 104.3 PRODORDLIN

The Data Type, "PRODORDLIN", is the second Data Type the Business Service Request "GETLIST PRODORDER" uses. This Data Type is optional.

The fields in this Data Type are used either for selecting the data required or as an example of what data may be returned in the LIST PRODORDER response.

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

PRODORDLIN DATA	
NAME	APPENDIX
DESCRIPTN	C
DISPOSITN	C
ITEM	C
ITEMDESC	C
ITEMRV	C
LOTLEVEL1 - LOTLEVEL2	C
NOTES	C
PRDLINENUM	C
PROPERTY1 – PROPERTY99	C
QUANTITY(ITEM)	D
QUANTITY(ORDERED)	D
SERIALNUM	C
SITELEVEL1 - SITELEVEL9	C
TRACKFLG	C
USERAREA	C

### Processing Note:

The fields in this Data Type are used either for selecting the data required or as an example of what data may be returned in the LIST PRODORDER response.

If the Data Type is not using Field Identifiers to select information, but the data within a Data Type is requested to be returned, the Data Type is coded without any Field Identifiers and with zero occurrences in the meta data part of the BOD.

This will signify to the responding application that all of the data that corresponds to that Data Type are to be included in the response.

This BOD also enables range selections. This is accomplished by including two separate occurrences of a Field Identifier. The first occurrence is the "FROM" selection and the second, or duplicate Field Identifier is the "TO" in the range to be selected.

If a second Field Identifier is not included, the selection will continue until the data no longer applies to the selection or the MAXITEMS is reached.

In all cases where range selections are used, the solution set to be returned will include through the "TO" field. This is sometimes known as an "inclusive" range selection.

Remember that if you want to use the MAXITEMS capability, the PRODORDHDR is required to be sent to accomplish this.