

89. GETLIST SALESORDER - REVISION 003

89.0 Overview

This chapter describes the Business Service Request named GETLIST SALESORDER, the Verb being GETLIST and the Noun being SALESORDER, indicating a customer order or a salesorder.

The purpose of the GETLIST SALESORDER Business Service Request is to enable a business application module to request information containing summary information for one or more SALESORDERS from another business application.

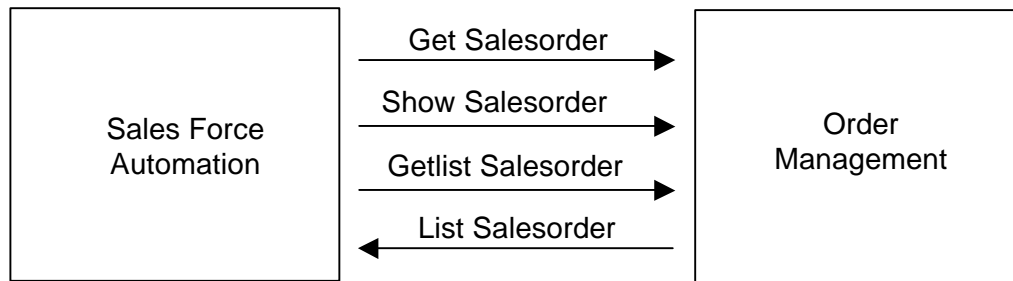
The response to this request is the LIST SALESORDER.

The GETLIST SALESORDER also enables the retrieval of information across several documents by using selection fields. An example of this could be requesting all SALESORDER 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.

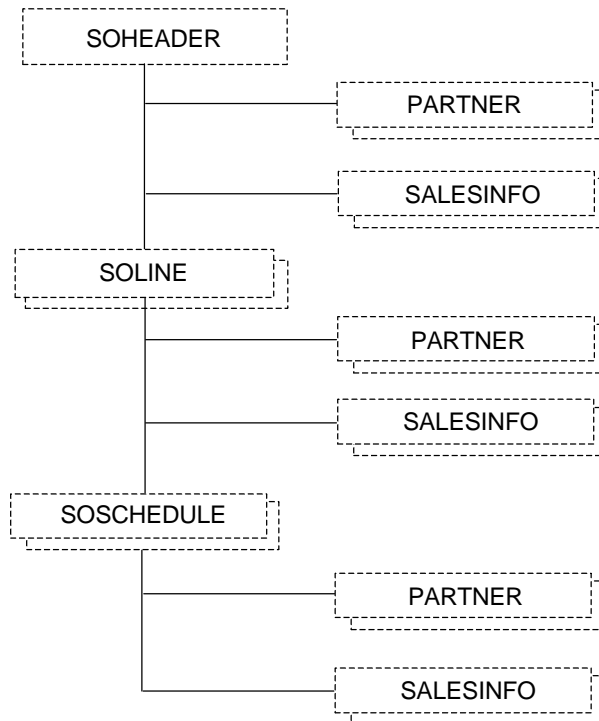
For example, a Sales Automation application may use this BSR to ask for information from a Customer Order application.

The picture below visualizes a possible use of this BSR.



89.1 GETLIST SALESORDER

The GETLIST SALESORDER consists of the following Data Types:



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

1. **SOHEADER** - Information that applies to the entire sales or customer order. This Data Type is optional.
2. **PARTNER** - Partner information, i.e., name, currency, payment method, etc. This Data Type is optional.
3. **SALESINFO** - Contains the relevant information about the salesperson and the associated commission information. This Data Type is optional.
4. **SOLINE** - The item or product ordered along with quantity, price and other descriptive information. This Data Type is optional.
5. **SOSCHEDULE** - Dates and quantities for delivery or shipment of ordered products. This Data Type is used only as a part of the SOLINE and can not exist without an SOLINE. 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 SOLINE information by ITEM, by SALESPERSN, or by PARTNRID. In these cases the Data Type may be sent with a GETLIST request without any accompanying Data Types such as the SOHEADER.

89.2 SOHEADER

The Data Type, "SOHEADER", is the first of several Data Types the Business Service Request "GETLIST SALESORDER" uses. This Data Type is optional.

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

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 SALESORDER response.

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 SOHEADER.

| OPTIONAL SOHEADER DATA | |
|------------------------|----------|
| NAME | APPENDIX |
| BACKORDIND | C |
| CONTRACTB | C |
| CONTRACTS | C |
| COSTCENTER | C |
| DATETIME(DOCUMENT) | D |
| DEPARTMENT | C |
| DESCRIPTN | C |
| DISTCENTER | C |
| DIVISION | C |
| EXPORTLIC | C |
| GLENTITYS | C |
| GLNOMACCT | C |
| IMPORTLIC | C |
| MAXITEMS | C |
| NOTES | C |
| OPERAMT(EXTENDED)(T) | D |
| OPRAMTAUTH | C |
| POID | C |
| POLINENUM | C |
| PROJECT | C |

| OPTIONAL SOHEADER DATA | |
|-------------------------|----------|
| NAME | APPENDIX |
| SALESORDID | C |
| SALESORG1 - SALESORG9 | C |
| SHIPNOTES | C |
| SHIPPRIOR | C |
| SITELEVEL1 - SITELEVEL9 | C |
| SOSTATUS | C |
| TAXWHEXMPT | 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 SOHEADER Data Type, but require the MAXITEMS capability, the SOHEADER is required to be sent to accomplish this.

89.3 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.

Listed are all the Field Identifiers and Segments that are valid for use within the PARTNER 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 PARTNER Data Type.

| OPTIONAL PARTNER DATA | |
|-----------------------|----------|
| NAME | APPENDIX |
| CURRENCY | C |
| DESCRIPTN | C |
| NAME1 - NAME9 | C |
| ONETIME | C |
| PARTNRID | C |
| PARTNRIDX | C |
| PARTNRTYPE | C |
| TAXEXEMPT | C |
| TAXID | 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 SALESORDER 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 SOHEADER is required to be sent to accomplish this.

89.4 SALESINFO

The Data Type "SALESINFO" contains necessary information about the salesperson on the order. The use of this Data Type is optional.

If this Data Type is used, it can occur multiple times in order to document all of the sales people associated with an order. Listed are all the Field Identifiers and Segments that are valid for use within the SOTERMS Data Type.

There are no required fields for the SALESINFO Data Type.

| OPTIONAL SALESINFO DATA | |
|-------------------------|----------|
| NAME | APPENDIX |
| AMOUNT(COMMISSION) | D |
| AMOUNT(ORDER) | D |
| QUANTITY(COMMISSION) | D |
| QUANTITY(ORDERED) | D |
| QUANTITY(PERCENT) | D |
| SALESORG1 - SALESORG9 | C |
| SALESPERSN | C |
| USERAREA | C |

Processing Notes:

There is one occurrence of this Data Type for each salesperson. If there is more than one salesperson getting credit for the salesorder, each salesperson would be

documented in their own occurrence of the SALESINFO Data Type for the salesorder.

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 SALESORDER response.

If the Data Type is not using Field Identifiers to select specific information, but the data within this 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 this Data Type is 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 SOHEADER is required to be sent to accomplish this.

89.5 SOLINE

The Data Type "**SOLINE**" represents the detail lines of the sales order. This Data Type is optional.

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

| OPTIONAL SOLINE DATA | |
|------------------------|----------|
| NAME | APPENDIX |
| BACKORDIND | C |
| BOMALTID | C |
| BOMID | C |
| BOMNAME | C |
| BOMREVISION | C |
| BOMSTATUS | C |
| BOMTYPE | C |
| BOMUSAGE | C |
| CONTRACTB | C |
| CONTRACTS | C |
| DATETIME(DELIVACT) | D |
| DATETIME(DELIVSCHED) | D |
| DATETIME(NEEDEDELV) | D |
| DATETIME(PROMDELV) | D |
| DATETIME(PROMSHIP) | D |
| DATETIME(SHIP) | D |
| DESCRIPTN | C |
| DISTCENTER | C |
| DRAWING | C |
| DROPSHIP | C |
| EXPORTLIC | C |
| HAZRDMATL | C |
| IMPORTLIC | C |
| ITEM | C |
| ITEMRV | C |
| ITEMRVX | C |
| ITEMX | C |
| LOTLEVEL1 – LOTLEVEL2 | C |
| NOTES | C |
| OPERAMT(EXTENDED)(T) | D |
| OPERAMT(UNIT)(T) | D |
| PACKING | C |
| PARTIALSHP | C |
| POID | C |
| POLINENUM | C |
| PRODLTLINE | C |
| PROJECT | C |
| PROPERTY1 - PROPERTY99 | C |
| QUANTITY(ORDERED) | D |
| ROUTINGID | C |

| OPTIONAL SOLINE DATA | |
|----------------------|----------|
| NAME | APPENDIX |
| SHIPNOTES | C |
| SHIPPRIOR | C |
| SOLINENUM | C |
| SOLNSTATUS | C |
| SUBSFLAG | C |
| TAXWHEXMPT | C |
| TEMPRATURE(ACTUAL) | D |
| TEMPRATURE(DELIVERY) | D |
| TEMPRATURE(LOADING) | D |
| UPC | C |
| USERAREA | C |

Processing Notes:

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 SALESORDER response.

If the Data Type is not using Field Identifiers to select specific information, but the data within this 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 this Data Type is 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 SOHEADER is required to be sent to accomplish this.

89.6 SOSCHEDULE

The Data Type “**sosCHEDULE**” represents the requested ship or delivery dates for goods ordered. This Data Type is used only as a part of the SOLINE and can not exist without an SOLINE. The use of the SOSCHEDULE Data Type optional.

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

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 SOSCHEDULE.

| OPTIONAL SOSCHEDULE DATA | |
|--------------------------|----------|
| NAME | APPENDIX |
| BACKORDIND | C |
| BOMALTID | C |
| BOMID | C |
| BOMNAME | C |
| BOMREVISION | C |
| BOMSTATUS | C |
| BOMTYPE | C |
| BOMUSAGE | C |
| CONTRACTB | C |
| CONTRACTS | C |
| DATETIME(DELIVACT) | D |
| DATETIME(DELIVSCHED) | D |
| DATETIME(NEEDEDELV) | D |
| DATETIME(NEEDEDELV) | D |
| DATETIME(PROMDELV) | D |
| DATETIME(PROMSHIP) | D |
| DATETIME(SHIP) | D |
| DESCRIPTN | C |
| DISTCENTER | C |
| DRAWING | C |
| DROPSHIP | C |
| EXPORTLIC | C |

| OPTIONAL SOSCHEDULE DATA | |
|--------------------------|----------|
| NAME | APPENDIX |
| HAZRDMATL | C |
| IMPORTLIC | C |
| ITEM | C |
| ITEMRV | C |
| ITEMRVX | C |
| ITEMX | C |
| LOTLEVEL1 – LOTLEVEL2 | C |
| NOTES | C |
| OPERAMT(EXTENDED)(T) | D |
| OPERAMT(UNIT)(T) | D |
| PACKING | C |
| PARTIALSHP | C |
| POID | C |
| POLINENUM | C |
| PRODLTLINE | C |
| PROJECT | C |
| PROPERTY1 - PROPERTY99 | C |
| PSCLINENUM | C |
| QUANTITY(ORDERED) | D |
| ROUTINGID | C |
| SHIPNOTES | C |
| SHIPPRIOR | C |
| SOSLINENUM | C |
| SUBSFLAG | C |
| TAXWHEXMPT | C |
| TEMPRATURE(ACTUAL) | D |
| TEMPRATURE(DELIVERY) | D |
| TEMPRATURE(LOADING) | D |
| UPC | C |
| USERAREA | C |

Processing Note:

SOSCHEDULE usage is further defined by its position on the GETLIST SALESORDER. For example, each SOSCHEDULE that follows a SOLINE Data Type is implied to be associated with the SOLINE Data Type.

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 SALESORDER response.

If the Data Type is not using Field Identifiers to select specific information, but the data within this 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 this Data Type is 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 SOHEADER is required to be sent to accomplish this.