

88. GET SALESORDER - REVISION 003

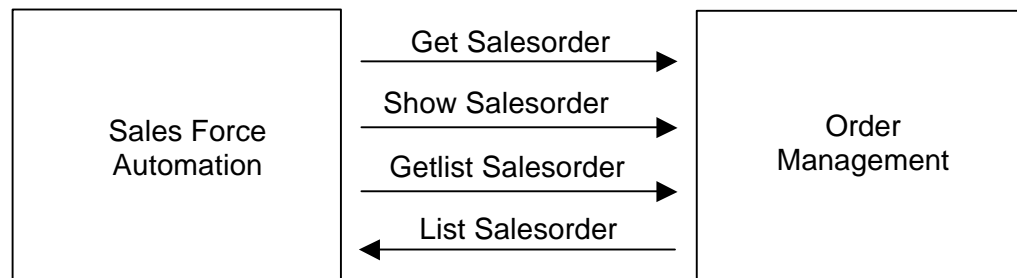
88.0 Overview

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

The purpose of the GET SALESORDER Business Service Request is to enable a business application module to request information concerning a specific sales order from another business application. The reply to this BSR is the SHOW SALESORDER.

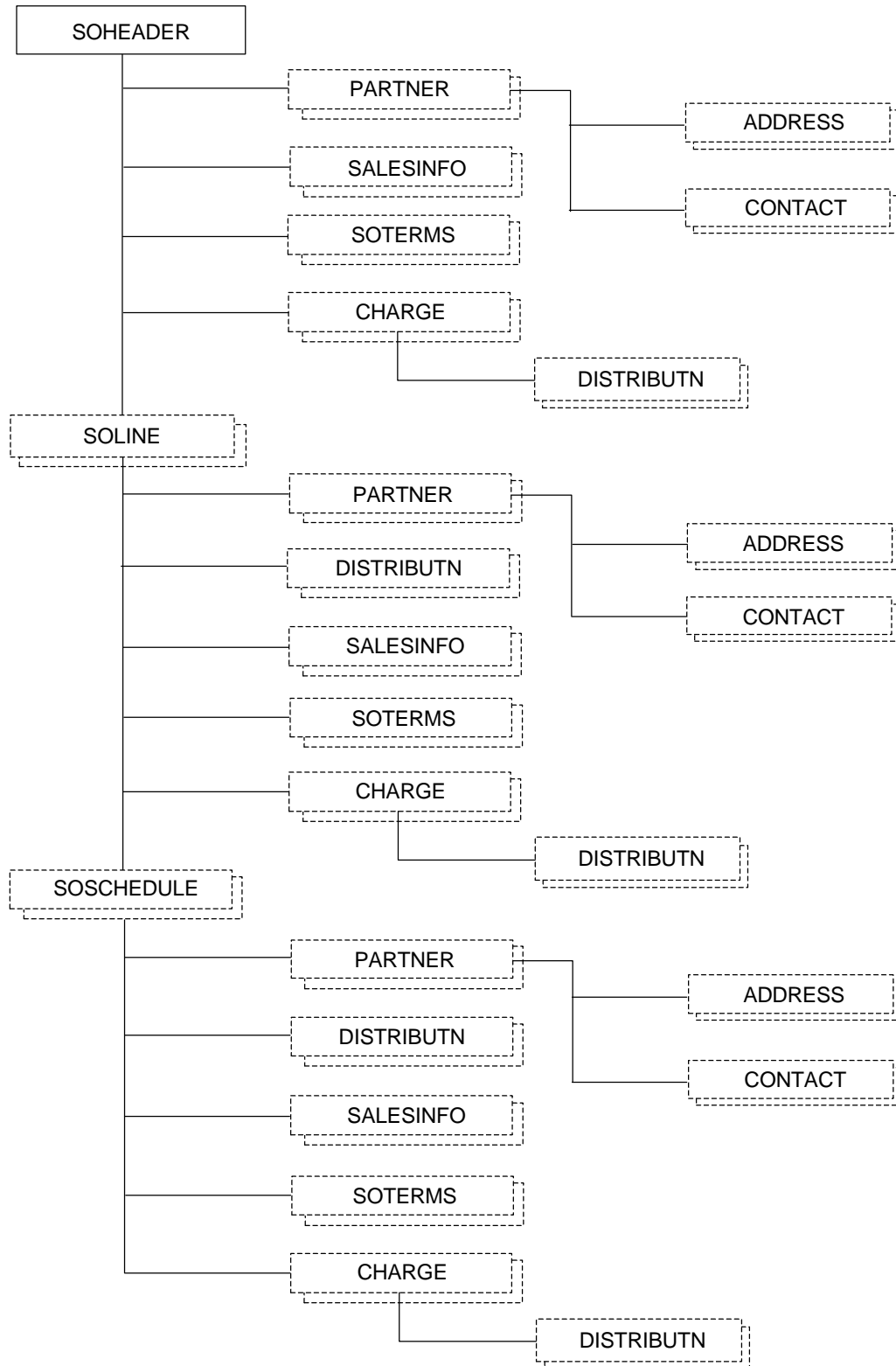
There are several possible business applications in several environments that may use this capability. For example, a Sales Automation application may use this BSR to ask for information from a Customer Order application.

This BSR does not usually cause updates to occur. The picture below visualizes a possible use of this BSR.



88.1 GET SALESORDER

The GET SALESORDER consists of the following Data Types:



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

1. **SOHEADER** - Information that applies to the entire sales or customer order. This Data Type is required.
2. **PARTNER** - Partner information, i.e., name, currency, payment method, etc. This Data Type is optional.
3. **ADDRESS** - Partner location information. This Data Type is optional.
4. **CONTACT** - Name, telephone and other information to contact people associated with the PARTNER. This Data Type is optional.
5. **SALESINFO** - Contains the relevant information about the salesperson and the associated commission information. This Data Type is optional.
6. **SOTERMS** - Payment terms for the entire sales order document or for individual items on the sales order. This Data Type is optional.
7. **CHARGE** - Any miscellaneous charges that are not represented as line items such as freight or handling charges. This Data Type is optional.
8. **DISTRIBUTN** - The accounting distribution information associated with a Business Object Document. This may occur for a header, line, or a charge. This Data Type is optional.
9. **SOLINE** - The item or product ordered along with quantity, price and other descriptive information. This Data Type is optional.
10. **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:

For any Data Type except the SOHEADER, SOLINE, or SOSCHEDULE, if the Data Type is included in this GET, it will be empty of Field Identifiers. This will signify to the responding application that all of the data that corresponds to that Data Type is to be included in the response.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers.

88.2 SOHEADER

The Data Type, "SOHEADER", is the first of several Data Types the Business Service Request "GET SALESORDER" uses. There must be one occurrence of the SOHEADER 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 SOHEADER Data Type.

The first table represents required data.

REQUIRED SOHEADER DATA	
NAME	APPENDIX
SALESORDID	C

Processing Note:

The SALESORDID is used as a selection field.

The second table describes data that is optional. These fields are present as an example of what may be returned in the SHOW SALESORDER response.

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
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPRAMTAUTH	C

OPTIONAL SOHEADER DATA	
NAME	APPENDIX
POID	C
POLINENUM	C
PROJECT	C
SALESORG1 - SALESORG9	C
SHIPNOTES	C
SHIPPRIOR	C
SOSTATUS	C
SITELEVEL1 - SITELEVEL9	C
TAXWHEXMPT	C
USERAREA	C

88.3 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. The partner types **Customer**, **ShipTo**, **BillTo**, **Carrier**, and **PayFrom** can be used. The use of the Data Type is optional.

Listed are all the Field Identifiers and Segments that are valid for use within the PARTNER Data Type. These fields are present as an example of what may be returned in the SHOW SALESORDER response. No Field Identifiers can be used to request information.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers.

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

88.4 ADDRESS

The Data Type “**ADDRESS**” represents the data concerning the location of the business partner. The use of this Data Type is optional.

Listed are all the Field Identifiers and Segments that are valid for use within the ADDRESS Data Type. These fields are present as an example of what may be returned in the SHOW REQUISITN response. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included to clarify what can be expected to be returned.

There are no required fields for the ADDRESS Data Type.

OPTIONAL ADDRESS DATA	
NAME	APPENDIX
ADDRLINE1 - ADDRLINE9	C
ADDRTYPE	C
CITY	C
COUNTRY	C
COUNTY	C
DESCRIPTN	C
FAX1 - FAX9	C
POSTALCODE	C
REGION	C
STATEPROVN	C
TAXJRSCTN	C
TELEPHONE1 - TELEPHONE9	C
URL	C
USERAREA	C

88.5 CONTACT

The Data Type “**CONTACT**” represents people associated with the PARTNER and various ways to contact them, such as telephone or fax. The use of this Data Type is optional.

This Data Type is only used to identify that the requested information concerning the sales order is needed. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included to clarify what can be expected to be returned.

There are no required fields for the CONTACT Data Type.

OPTIONAL CONTACT DATA	
NAME	APPENDIX
DESCRIPTN	C
EMAIL	C
FAX1 - FAX9	C
NAME1 - NAME9	C
TELEPHONE1 -TELEPHONE9	C
USERAREA	C

88.6 SALESINFO

The Data Type “**SALESINFO**” contains necessary information about the salesperson on the order. The use of this Data Type is Optional.

This Data Type is only used to identify that the requested information concerning the sales order is needed. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included to clarify what can be expected to be returned.

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.

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.

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:

The AMOUNT(COMMISSION) and the QUANTITY(COMMISSION) enable the salesperson or persons to be appropriately credited for the order. These segments assume that the commissions have already been calculated by amount or quantity and they are only carrying the value or result of the previous calculation.

The AMOUNT(ORDER), QUANTITY(ORDERED), and QUANTITY(PERCENT) segments may alternatively be used to record the portion of the salesorder the salesperson is credited with before an actual calculation is made. These segments are carrying only raw data and may be used by a sales commission application to subsequently calculate the correct sales commission for each salesperson.

88.7 SOTERMS

The Data Type “**SOTERMS**” represents the payment due dates and payment discount information. The use of the SOTERMS Data Type is optional for the SOHEADER and the SOLINE. If used, it can occur multiple times for each. Listed are all the Field Identifiers and Segments that are valid for use within the SOTERMS Data Type.

This Data Type is only used to identify that the requested information concerning the sales order is needed. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included to clarify what can be expected to be returned. There are no required fields for the SOTERMS Data Type.

OPTIONAL SOTERMS DATA	
NAME	APPENDIX
DAYOFMONTH	C
DAYSNUM	C
DESCRIPTN	C
OPERAMT(EXTENDED)(T)	D
PROXMONTH	C
QUANTITY(PERCENT)	D
TERMID	C
USERAREA	C

Processing Notes:

In the SOTERMS data type, the DAYOFMONTH and PROXMONTH are used together. Also, if DAYSNUM is used, then the DAYOFMONTH and PROXMONTH are not relevant.

The OPERAMT(EXTENDED) or the QUANTITY(PERCENT) are mutually exclusive. OPERAMT(EXTENDED) represents the absolute discount amount. The QUANTITY(PERCENT) represents the discount percentage.

88.8 CHARGE

The Data Type “**CHARGE**” represents the charges other than the goods or services represented in the Business Object Document. Examples of charges that can be carried in the CHARGE Data Type include freight, taxes, or handling charges. The use of the CHARGE Data Type is optional.

Charge usage is further defined by its position in the GET SALESORDER. For example, charges that follow the SOHEADER Data Type or each SOLINE Data Type are inferred to be associated with that SOHEADER or SOLINE Data Types respectively.

This Data Type is only used to identify that the requested information concerning the sales order is needed. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included to clarify what can be expected to be returned.

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

There are no required fields for the CHARGE Data Type.

OPTIONAL CHARGE DATA	
NAME	APPENDIX
CHARGEID	C
CHGLINENUM	C
DESCRIPTN	C
OPERAMT(EXTENDED)(T)	D
USERAREA	C

88.9 DISTRIBUTN

The Data Type, “**DISTRIBUTN**”, is the Data Type the Business Service Request “**GET SALESORDER**” uses to describe accounting distribution. The use of the DISTRIBUTN Data Type is optional.

This Data Type is only used to identify that the requested information concerning the sales order is needed. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included to clarify what can be expected to be returned.

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

There are no required fields for the DISTRIBUTN Data Type in this usage.

OPTIONAL DISTRIBUTN DATA	
NAME	APPENDIX
BUSNAREA	C
COSTCENTER	C
DEPARTMENT	C
DIVISION	C
ELEMENT1 - ELEMENT999	C
FUND	C
GEOGRAPHY	C
GLENTITYS	C
GLNOMACCT	C
OPERAMT(EXTENDED)(T)	D
PROFITCTR	C
PROJECT	C
UNIT	C
USERAREA	C
WAREHOUSE	C

88.10 SOLINE

The Data Type “**SOLINE**” represents the detail lines of the sales order. This Data Type is optional except when requesting SOLINE information be returned. Listed are all the Field Identifiers and Segments that are valid for use within the SOLINE Data Type.

The first table represents required data.

REQUIRED SOLINE DATA	
NAME	APPENDIX
SOLINENUM	C

Processing Notes:

In the case where a specific SOLINE is required, this Data Type can be used to request one or more specific lines within a sales order. This is done in the following way:

If one or more specific lines are requested, this Data Type is included with an occurrence for each SOLINENUM required.

If all lines are requested, this Data Type is included, but no Field Identifiers are coded and the number of occurrences in the meta data of the BOD is set to zeros. The response in this case is all lines for the specific sales order.

If no lines are requested, then this Data Type is not included.

The second table describes data that is optional. This is only used to identify what data may be returned in the SHOW SALESORDER response.

These are not selection fields.

OPTIONAL SOLINE DATA	
NAME	APPENDIX
BACKORDIND	C
BOMALTID	C
BOMID	C
BOMNAME	C
BOMREVISION	C
BOMSTATUS	C

OPTIONAL SOLINE DATA	
NAME	APPENDIX
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
PRODCTLNE	C
PROJECT	C
PROPERTY1 - PROPERTY99	C
QUANTITY(ORDERED)	D
ROUTINGID	C
SHIPNOTES	C
SHIPPRIOR	C
SOLNSTATUS	C
SUBSFLAG	C
TAXWHEXMPT	C
TEMPRATURE(ACTUAL)	D

OPTIONAL SOLINE DATA	
NAME	APPENDIX
TEMPRATURE(DELIVERY)	D
TEMPRATURE(LOADING)	D
UPC	C
USERAREA	C

88.11 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 is optional. Listed are all the Field Identifiers and Segments that are valid for use within the SOSCHEDULE Data Type.

The first table represents required data.

REQUIRED SOSCHEDULE DATA	
NAME	APPENDIX
SOSLINENUM	C

Processing Notes:

There are no required fields for the SOSCHEDULE Data Type on a GET SALESORDER request unless the request is for a specific SOSCHEDULE. In the case where a specific SOSCHEDULE is required, this Data Type can be used to request one or more specific schedules within a sales order line within a sales order. This is done in the following way:

The SOHEADER and SOLINE must be included with the requested SOSCHEDULE. This is because the SOSCHEDULE can not be selected without the defining SOHEADER and SOLINE that precedes it. If one or more specific schedules are requested, this Data Type is included with an occurrence for each SOSCHEDULE required.

If all schedules are requested, this Data Type is included, but no Field Identifiers are coded and the number of occurrences in the meta data of the BOD is set to zeros. The response in this case is all schedules within a line for the specific sales order.

If no schedules are requested, then this Data Type is not included.

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
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

OPTIONAL SOSCHEDULE DATA	
NAME	APPENDIX
QUANTITY(ORDERED)	D
ROUTINGID	C
SHIPNOTES	C
SHIPPRIOR	C
SUBSFLAG	C
TAXWHEXMPT	C
TEMPRATURE(ACTUAL)	D
TEMPRATURE(DELIVERY)	D
TEMPRATURE(LOADING)	D
UPC	C
USERAREA	C

Processing Notes:

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