

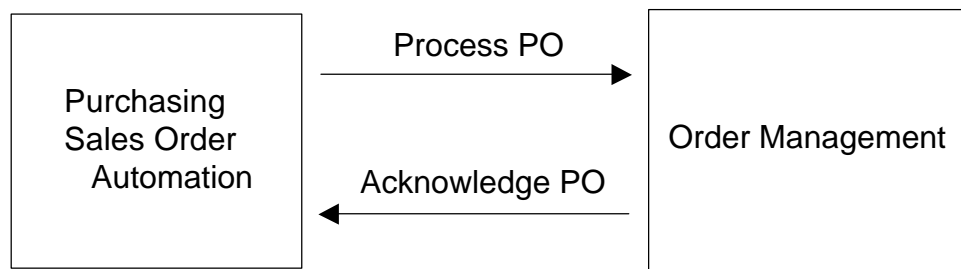
4. ACKNOWLEDGE PO - REVISION 004

4.0 Overview

This chapter describes the Business Service Request named ACKNOWLEDGE PO, the Verb being ACKNOWLEDGE and the Noun being PO, indicating purchase order.

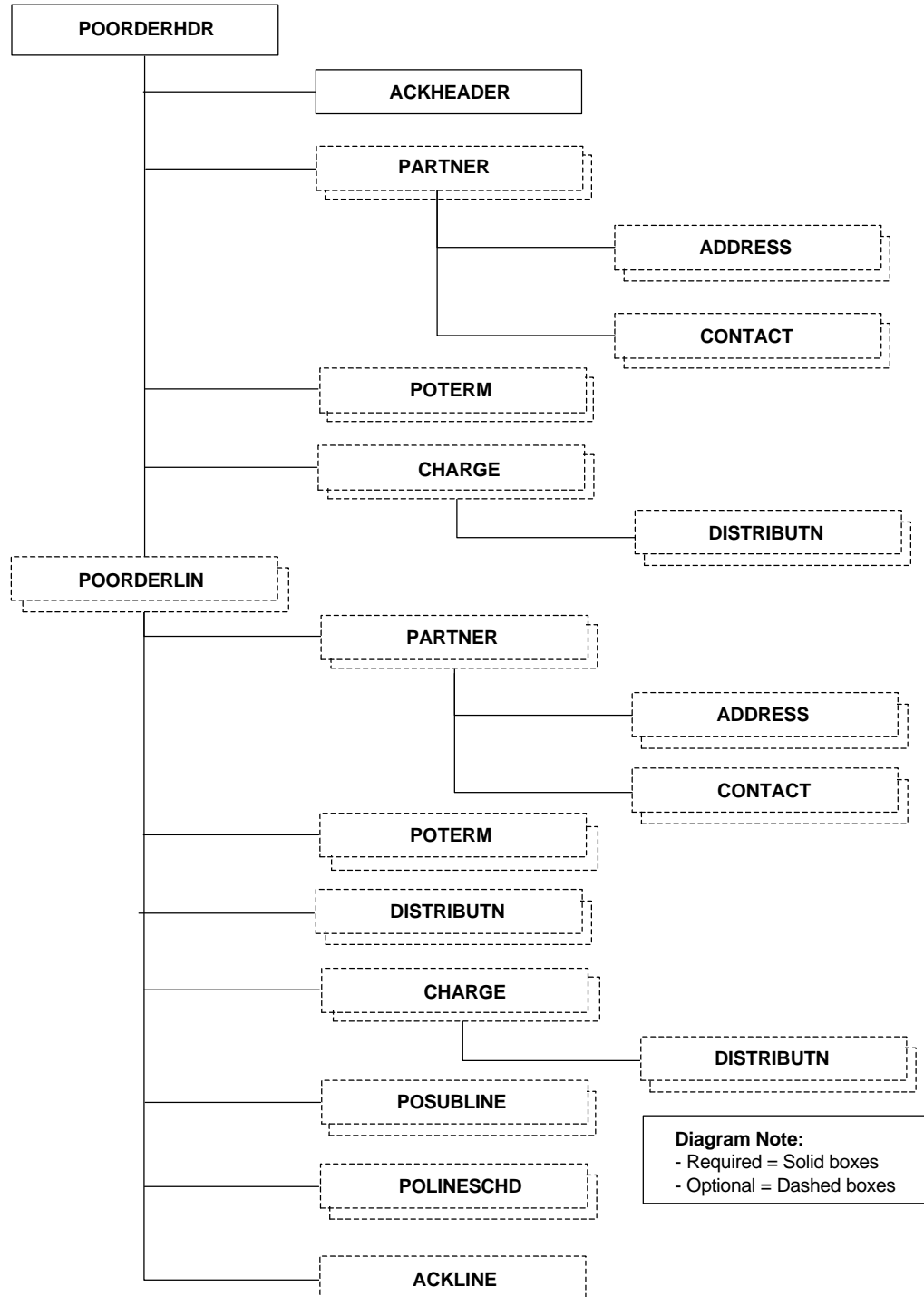
The purpose of the ACKNOWLEDGE PO Business Object Document is to acknowledge receipt of the Purchase Order and to reflect any changes.

Commonly, the acknowledgment is generated by an order management application and transmitted to a purchasing or procurement application.



4.1 ACKNOWLEDGE PO

The ACKNOWLEDGE PO Business Service Request consists of the following Data Types:



The Business Service Request ACKNOWLEDGE PO uses the following Data Types:

1. **POORDERHDR** - Information that applies to the entire purchase order. This Data Type is required.
2. **ACKHEADER** - Indicates whether the entire document is accepted, rejected, or modified. This Data Type is required.
3. **PARTNER** - Partner information, i.e., name, currency, payment method, etc. This Data Type is optional.
4. **ADDRESS** - Partner location information. This Data Type is optional.
5. **CONTACT** - Name, telephone and other information to contact people associated with the PARTNER. This Data Type is optional.
6. **POTERM** - Payment terms for the purchase order or individual items on the PO. This Data Type is optional.
7. **CHARGE** - Any miscellaneous charges such as freight, taxes, 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. **POORDERLIN** - The item or product ordered along with quantity, price and other descriptive information. This Data Type is optional.
10. **POSUBLINE** - Used if the item on the POORDERLIN needs to be divided into smaller items, such as sub components or subassemblies. This Data Type is optional.
11. **POLINESCHD** - Dates and quantities for delivery or shipping ordered products. This Data Type is optional.
12. **ACKLINE** - Indicates the date and quantity at the line level of acknowledged shipments. This Data Type is optional.

Processing Note: The PO noun in this use is designed as an external Purchase Order. The PROCESS PO is also designed as an external Purchase Order. This explains the differences between this PO noun and the PO noun for the following BODs:

GET PO,
SHOW PO,
RECEIVE PO,
GETLIST PO,
LIST PO,
ADD PO,
CHANGE PO,

CANCEL PO, and
SYNC PO.

4.2 POORDERHDR

The Data Type, “POORDERHDR”, is the first of several Data Types the Business Service Request “**ACKNOWLEDGE PO**” uses. For each purchase order represented in the Business Data Area, there must be one occurrence of the POORDERHDR Data Type at the beginning of each Business Data Area. This Data Type is the same as the Process PO Data Type.

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

The first table represents required data.

REQUIRED POORDERHDR DATA	
NAME	APPENDIX
POID	C
POTYPE	C

The second table describes data that is optional.

OPTIONAL POORDERHDR DATA	
NAME	APPENDIX
ACKREQUEST	C
CONTRACTB	C
CONTRACTS	C
DATETIME(DOCUMENT)	D
DESCRIPTN	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPRAMTAUTH	C
PORELEASE	C
TAXWHEXMPT	C
USERAREA	C

4.3 ACKHEADER

The Data Type “**ACKHEADER**” represents feedback from the supplier concerning the original purchase order received. The ACKHEADER applies to the entire PO, but may be used in conjunction with the ACKLINE Data Type. The ACKHEADER Data Type is required for the ACKNOWLEDGE PO Business Service Request.

Listed are all the Field Identifiers and Segments that are valid for use within the ACKHEADER Data Type. The first table represents required data.

REQUIRED ACKHEADER DATA	
NAME	APPENDIX
ACKCODE	C
SENDER	D

Processing Notes: The Sender Segment in the required portion is the original sender data that was sent in the corresponding PROCESS PO Business Service Request. This enables a direct cross reference for the Purchasing System, or whatever the originating system was, to the originating document.

The second table describes data that is optional.

OPTIONAL ACKHEADER DATA	
NAME	APPENDIX
DATETIME(PROMDELV)	D
DATETIME(PROMSHIP)	D
DESCRIPTN	C
NOTES	C
SALESORDID	C
USERAREA	C

4.4 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. All PARTNER types are optional for the ACKNOWLEDGE PO.

Listed are all the Field Identifiers and Segments that are valid for use within the PARTNER Data Type. The first table represents required data.

REQUIRED PARTNER DATA	
NAME	APPENDIX
NAME1	C
ONETIME	C
PARTNRID	C
PARTNRTYPE	C

The second table describes data that is optional.

OPTIONAL PARTNER DATA	
NAME	APPENDIX
CURRENCY	C
DESCRIPTN	C
NAME2 - NAME9	C
PARTNRIDX	C
TAXEXEMPT	C
TAXID	C
USERAREA	C

4.5 ADDRESS

The Data Type “**ADDRESS**” represents the data concerning the location of the business partner. Listed are all the Field Identifiers and Segments that are valid for use within the ADDRESS Data Type. All data for the ADDRESS Data Type is optional.

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

4.6 CONTACT

The Data Type “**CONTACT**” represents people associated with the PARTNER and various ways to contact them, such as telephone or fax. The CONTACT is an optional Data Definition Area. Listed are all the Field Identifiers and Segments that are valid for use within the CONTACT Data Type.

The first table represents required data.

REQUIRED CONTACT DATA	
NAME	APPENDIX
NAME1	C

The second table describes data that is optional.

OPTIONAL CONTACT DATA	
NAME	APPENDIX
DESCRIPTN	C
EMAIL	C
FAX1 - FAX9	C
NAME2 - NAME9	C
TELEPHONE1 -TELEPHONE9	C
USERAREA	C

4.7 POTERM

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

OPTIONAL POTERM 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 POTERM, 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.

4.8 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 CHARGE is an optional Data Definition Area.

CHARGE usage is further defined by its position on the ACKNOWLEDGE PO. For example, charges that follow the POORDERHDR Data Type or each POORDERLIN Data Type are implied to be associated with that POORDERHDR or POORDERLIN Data Type.

Listed are all the Field Identifiers and Segments that are valid for use within the CHARGE Data Definition Area. The first table represents required data.

REQUIRED CHARGE DATA	
NAME	APPENDIX
CHARGEID	C
OPERAMT(EXTENDED)(T)	D

The second table describes data that is optional.

OPTIONAL CHARGE DATA	
NAME	APPENDIX
CHGLINENUM	C
DESCRIPTN	C
USERAREA	C

4.9 DISTRIBUTN

The Data Type, “**DISTRIBUTN**”, is the Data Type the Business Service Request “**ACKNOWLEDGE PO**” uses to describe accounting distribution. The **DISTRIBUTN** Data Type is optional.

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

4.10 POORDERLIN

The Data Type “**POORDERLIN**” represents the detail lines of the purchase order. The POORDERLIN is optional for the ACKNOWLEDGE PO, but the POORDERLIN is required if a corresponding ACKLINE Data Type is sent.

Listed are all the Field Identifiers and Segments that are valid for use within the POORDERLIN Data Type. The first table represents required data.

REQUIRED POORDERLIN DATA	
NAME	APPENDIX
POLINENUM	C
QUANTITY(ORDERED)	D

Processing Notes: In addition to the required POORDERLIN data in the above table, it must also include one of the following:

- 1) ITEM or,
- 2) DESCRIPTN or,
- 3) ITEMX or,
- 4) UPC or,
- 5) Any of the above combinations.

The second table describes data that is optional.

OPTIONAL POORDERLIN DATA	
NAME	APPENDIX
DATETIME(NEEDEDELV)	D
DESCRIPTN	C
DRAWING	C
HAZRDMATL	C
ITEM	C
ITEMRV	C
ITEMRVX	C
ITEMX	C
NOTES	C
OPERAMT(UNIT)(T)	D
PACKING	C
POLNSTATUS	C
TAXWHEXMPT	C
UPC	C

OPTIONAL POORDERLIN DATA	
NAME	APPENDIX
USERAREA	C

4.11 POSUBLINE

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

The POSUBLINE is an optional Data Definition Area. If any POSUBLINE's are changed, all of the POSUBLINE's from the original PO must be re-sent. 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
QUANTITY(ITEM)	D

Processing Notes: In addition to the required POSUBLINE data, it must also include one of the following:

- 1) ITEM or,
- 2) DESCRIPTN or,
- 3) ITEMX or,
- 4) UPC or,
- 5) Any of the above combinations.

POSUBLINE usage is further defined by its position on the PROCESS PO. For example each POSUBLINE that follows a POORDERLIN Data Type is implied to be associated with the POORDERLIN Data Type. The second table describes data that is optional.

OPTIONAL POSUBLINE DATA	
NAME	APPENDIX
DESCRIPTN	C
DRAWING	C
ITEM	C
ITEMRV	C
ITEMRVX	C

OPTIONAL POSUBLINE DATA	
NAME	APPENDIX
ITEMX	C
PROPERTY1 - PROPERTY99	C
PSBLINENUM	C
UPC	C
USERAREA	C

4.12 POLINESCHD

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

The first table represents required data.

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

Processing Notes: POLINESCHD usage is further defined by its position on the PROCESS PO. For example each POLINESCHD that follows a POORDERLIN Data Type is implied to be associated with the POORDERLIN Data Type.

The second table describes data that is optional.

OPTIONAL POLINESCHD DATA	
NAME	APPENDIX
DESCRIPTN	C
PSCLINENUM	C
USERAREA	C

4.13 ACKLINE

The Data Type “ACKLINE” represents feedback from the supplier concerning the original purchase order received. The ACKLINE will indicate whether all or specific products ordered are available and when the shipment(s) are expected to occur.

The ACKLINE is required for each POORDERLIN that is sent and it may occur one to many times for each POORDERLIN. The ACKLINE can not be associated with a SUBLINE. It is only associated with a POORDERLIN. Listed are all the Field Identifiers and Segments that are valid for use within the ACKLINE Data Type. The first table represents required data.

REQUIRED ACKLINE DATA	
NAME	APPENDIX
ACKCODE	C

The second table describes data that is optional.

OPTIONAL ACKLINE DATA	
NAME	APPENDIX
DATETIME(PROMDELV)	D
DATETIME(PROMSHIP)	D
NOTES	C
QUANTITY(ORDERED)	D
SALESORDID	C
USERAREA	C