## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

## Heading:

|  | Pos. <br> No. | Seg. <br> ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | $\overline{010}$ | ST | Transaction Set Header | M | 1 |  |  |
| M | 020 | BAK | Beginning Segment for Purchase Order Acknowledgment | M | 1 |  |  |
| M | 050 | REF | Reference Identification | M | >1 |  |  |
|  | 080 | FOB | F.O.B. Related Instructions | O | >1 |  |  |
|  | 150 | DTM | Date/Time Reference | O | 10 |  |  |
|  |  |  | LOOP ID - N1 |  |  | 200 |  |
|  | 300 | N1 | Name | O | 1 |  |  |
|  | 320 | N3 | Address Information | O | 2 |  |  |
|  | 330 | N4 | Geographic Location | O | 1 |  |  |

## Detail:

| Pos. <br> No. | Seg. <br> ID | Name | Req. <br> Des. | Max.Use | Loop <br> Repeat | Notes and Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | LOOP ID - PO1 |  |  | 100000 |  |
| 010 | PO1 | Baseline Item Data | O | 1 |  | n1 |
| 090 | PO4 | Item Physical Details | O | >1 |  |  |
| 100 | REF | Reference Identification | O | >1 |  |  |
| 200 | DTM | Date/Time Reference | O | 10 |  |  |
|  |  | LOOP ID - N1 |  |  | 200 |  |
| 370 | N1 | Name | O | 1 |  |  |
| 390 | N3 | Address Information | O | 2 |  |  |
| 400 | N4 | Geographic Location | O | 1 |  |  |

## Summary:

| Pos. <br> No. | Seg. <br> ID | Name | Req. <br> Des. | Max.Use | Loop <br> Repeat | Notes and Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | LOOP ID - CTT |  |  | 1 |  |
| 010 | CTT | Transaction Totals | O | 1 |  | n2 |

## Transaction Set Notes

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.


| Segment: | BAK Beginning Segment for Purchase Order Acknowledgment |  |
| :---: | :---: | :---: |
| Position: | 020 |  |
| Loop: |  |  |
| Level: | Heading |  |
| Usage: | Mandatory |  |
| Max Use: | 1 |  |
| Purpose: | To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates |  |
| Syntax Notes: Comments: |  |  |
| Notes: | Example: |  |
|  |  |  |
|  | BAK*00*AT*9501120707*20030812 |  |
|  | BAK*00*RJ*9501120505*20030812 |  |
|  | BAK*00*ZZ*9501120303*20030812 |  |
|  | BAK*00*AP*9501120101*20030812 (VMI orders) |  |
| Data Element Summary |  |  |
| Ref. <br> Des. | Data |  |
|  | $\frac{\text { Element }}{353}$ | Name Attributes |
| BAK01 |  | Transaction Set Purpose Code $\quad$ M ID 2/2 |
|  |  | Code identifying purpose of transaction set |
|  |  | $00 \quad$ Original |
| BAK02 | 587 | Acknowledgment Type $\quad$ M ID 2/2 |
|  |  | Code specifying the type of acknowledgment |
|  |  | Acknowledge - With Detail and Change |
|  |  | Acknowledge - Product Replenishment |
|  |  | This qualifier to be used for Vendor Managed Inventory (VMI orders) |
|  | AT Accepted |  |
|  | RJ Rejected - No Detail |  |
|  |  | Mutually Defined |
|  |  | Vendor Initiated PO change <br> This qualifier is to be used only when the PO has already been acknowledged and the Vendor requires making more changes after the original acknowledgement was sent. |
|  |  |  |
| BAK03 | 324 | Purchase Order Number M AN 1/22 |
|  |  | Identifying number for Purchase Order assigned by the orderer/purchaser |
|  |  | PO number is 10 positions. Position 1-4 is the Location number and 5-10 is the PO number |
|  |  | Example - 5601123456 |
| BAK04 | 373 | Date M DT 8/8 |
|  |  | Date expressed as CCYYMMDD |
|  |  | Purchase Order Date |


| Segment: | REF Reference Identification |  |
| :---: | :---: | :---: |
| Position: | 050 |  |
| Loop: |  |  |
| Level: | Heading |  |
| Usage: | Mandatory |  |
| Max Use: | >1 |  |
| Purpose: | To specify identifying information |  |
| Syntax Notes: | 1 At least one of REF02 or REF03 is required. |  |
|  | 2 If either C04003 or C04004 is present, then the other is required. |  |
|  | 3 If either C04005 or C04006 is present, then the other is required. |  |
| Comments: |  |  |
| Notes: | REF*IA*55555 |  |
|  | REF*4B*YNT |  |
| Data Element Summary |  |  |
| Ref. <br> Des. <br> REF01 | Data |  |
|  | Element | Name $\quad$ Attributes |
|  |  | Reference Identification Qualifier M ID 2/3 |
|  |  | Code qualifying the Reference Identification |
|  | 4B Shipment Origin Code |  |
|  | Required only for Import PO's |  |
|  | IA Internal Vendor Number |  |
| REF02 | 127 | Reference Identification |
|  |  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  |  | When REF01 is 'IA' then REF02 is the Toys 'R' Us Vendor Number |
|  |  | When REF01 is '4B' then REF02 is the Port of Load (Required only for Import PO's. This information is communicated on the Import Purchase Order (850) REF segment with '4B' qualifier) |




| Segment: | N1 Name |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Position: | 300 |  |  |  |
| Loop: | N1 Optional |  |  |  |
| Level: | Heading |  |  |  |
| Usage: | Optional |  |  |  |
| Max Use: | 1 |  |  |  |
| Purpose: | To identify a party by type of organization, name, and code |  |  |  |
| Syntax Notes: | 1 At least one of N102 or N103 is required. |  |  |  |
|  | 2 If either N103 or N104 is present, then the other is required. |  |  |  |
| Comments: | 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <br> 2 N105 and N106 further define the type of entity in N101. |  |  |  |
| Notes: | Required only for Domestic PO's |  |  |  |
|  | Example: |  |  |  |
| Data Element Summary |  |  |  |  |
| Ref. | Data |  | Attributes |  |
| Des. | Element | Name |  |  |
| $\stackrel{\text { N }}{ }$ | 98 | Entity Identifier Code | M ID 2/3 |  |
|  |  | Code identifying an organizational entity, a physical location, property or an individual |  |  |
| N102 | 93 | Name | X | AN 1/60 |
|  |  | Free-form name |  |  |


| Segment: | N3 Address Information |  |  |
| :---: | :---: | :---: | :---: |
| Position: | 320 |  |  |
| Loop: | N1 Optional |  |  |
| Level: | Heading |  |  |
| Usage: | Optional |  |  |
| Max Use: | 2 |  |  |
| Purpose: | To specify the location of the named party |  |  |
| Syntax Notes: |  |  |  |
| Comments: |  |  |  |
| Notes: | Required only for Domestic PO's |  |  |
|  | Example N3*123 | ABC GAMES BLVD |  |
| Data Element Summary |  |  |  |
| Ref. | Data Element |  |  |
| Des. |  | Name | Attributes |
| N301 | 166 | Address Information | M AN 1/55 |
|  |  | Address information |  |
| N302 | 166 | Address Information | O AN 1/55 |
|  |  | Address information |  |



| Segment: PO1 Baseline Item Data |  |  |
| :---: | :---: | :---: |
| Position: | 010 |  |
| Loop: | PO1 | Optional |
| Level: | Detail |  |
| Usage: | Optional |  |
| Max Use: | 1 |  |
| Purpose: | To specify basic and most frequently used line item data |  |
| Syntax Notes: | 1 If PO103 is present, then PO102 is required. |  |
|  | 2 If PO105 is present, then PO104 is required. |  |
|  | 3 If either PO106 or PO107 is present, then the other is required. |  |
|  | 4 If either PO108 or PO109 is present, then the other is required. |  |
|  | 5 If either PO110 or PO111 is present, then the other is required. |  |
|  | 6 If either PO112 or PO113 is present, then the other is required. |  |
|  | 7 If either PO114 or PO115 is present, then the other is required. |  |
|  | 8 If either PO116 or PO117 is present, then the other is required. |  |
|  | 9 If either PO118 or PO119 is present, then the other is required. |  |
|  | 10 If either PO120 or PO121 is present, then the other is required. |  |
|  | 11 If either PO122 or PO123 is present, then the other is required. |  |
|  | 12 If either PO124 or PO125 is present, then the other is required. |  |
| Comments: | 1 See the Data Element Dictionary for a complete list of IDs.2 PO101 is the line item identification. |  |
|  |  |  |
|  | 3 PO10 <br> exam | 06 through PO125 provide for ten different product/service IDs per each item. For mle: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. |
| Notes: | Example: |  |
| Data Element Summary |  |  |
| Ref. Des. PO102 | Data <br> Element |  |
|  |  | Name $\underline{\text { Attributes }}$ |
|  | 330 | Quantity Ordered $\quad$ M R 1/15 |
|  |  | Quantity ordered |
|  | Specify the changes to the original quantity. If NO changes to the quantity then provide the actual quantity ordered on the PO. |  |
| PO103 | 355 | Unit or Basis for Measurement Code $\quad$ M ID 2/2 |
|  |  | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |
| PO104 | 212 | Unit Price $\quad$ M R 1/17 |
|  |  | Price per unit of product, service, commodity, etc. |
| PO106 | 235 | Specify the changes to the Unit Price. If NO changes to the Unit Price then provide the Unit Price on the PO. |
|  |  | Product/Service ID Qualifier M ID 2/2 |
|  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|  |  | IT Buyer's Style Number |
| PO107 | 234 | Product/Service ID M AN 1/48 |
|  |  | Identifying number for a product or service |
| PO108 | 235 | Toys 'R' Us Item Number |
|  |  | Product/Service ID Qualifier M ID 2/2 |
|  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |


| M | PO109 | 234 | Product/Service ID M | AN 1/48 |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Identifying number for a product or service |  |
|  |  |  | Vendors Product Number |  |
| M | PO110 | 235 | Product/Service ID Qualifier M | ID 2/2 |
|  |  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |  |
|  |  |  | UP U.P.C. Consumer Package Code (1-5-5-1) |  |
| M | PO111 | 234 | Product/Service ID M | AN 1/48 |
|  |  |  | Identifying number for a product or service |  |
|  |  |  | UPC with Check Digit |  |
|  | PO112 | 235 | Product/Service ID Qualifier X | ID 2/2 |
|  |  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |  |
|  |  |  | CL Color |  |
|  | PO113 | 234 | Product/Service ID X | AN 1/48 |
|  |  |  | Identifying number for a product or service |  |
|  | PO114 | 235 | Product/Service ID Qualifier X | ID 2/2 |
|  |  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |  |
|  |  |  | SZ Vendor Alphanumeric Size Code (NRMA) |  |
|  | PO115 | 234 | Product/Service ID X | AN 1/48 |
|  |  |  | Identifying number for a product or service |  |
|  | PO116 | 235 | Product/Service ID Qualifier X | ID 2/2 |
|  |  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |  |
|  |  |  | SZ Vendor Alphanumeric Size Code (NRMA) |  |
|  | PO117 | 234 | Product/Service ID X | AN 1/48 |
|  |  |  | Identifying number for a product or service |  |
|  | PO118 | 235 | Product/Service ID Qualifier X | ID 2/2 |
|  |  |  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |  |
|  |  |  | EN European Article Number (EAN) (2-5-5-1) |  |
|  | PO119 | 234 | Product/Service ID X | AN 1/48 |
|  |  |  | Identifying number for a product or service |  |



| Segment: | REF ${ }_{\text {Reference Identification }}$ |  |
| :---: | :---: | :---: |
| Position: | 100 |  |
| Loop: | PO1 Optional |  |
| Level: | Detail |  |
| Usage: | Optional |  |
| Max Use: | >1 |  |
| Purpose: | To specify identifying information |  |
| Syntax Notes: | 1 At least one of REF02 or REF03 is required. |  |
|  | 2 If either C04003 or C04004 is present, then the other is required. |  |
|  | 3 If either C04005 or C04006 is present, then the other is required. |  |
| Comments: |  |  |
| Notes: |  |  |
|  | Data Element Summary |  |
| Ref. <br> Des. | Data |  |
|  | Element | Name Attributes |
| REF01 | 128 | Reference Identification Qualifier M ID 2/3 |
|  |  | Code qualifying the Reference Identification |
|  |  | Required only for Import PO's. |
|  | 4B Shipment Origin Code |  |
| REF02 | 127 | Reference Identification $\quad$ X AN 1/30 |
|  |  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  |  | Port of Load |
|  |  | Required only for Import PO's. This information is communicated on the Import Purchase Order (850) REF segment with '4B' qualifier |



| Segment: | N1 Name |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Position: | 370 |  |  |  |
| Loop: | N1 Optional |  |  |  |
| Level: | Detail |  |  |  |
| Usage: | Optional |  |  |  |
| Max Use: | 1 |  |  |  |
| Purpose: | To identify a party by type of organization, name, and code |  |  |  |
| Syntax Notes: | 1 At least one of N102 or N103 is required. |  |  |  |
|  | 2 If either N103 or N104 is pres |  |  |  |
| Comments: | 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <br> 2 N105 and N106 further define the type of entity in N101. |  |  |  |
| Notes: | Required | only for Domestic PO's |  |  |
|  | Example <br> N1*SF* | N1*SF*ABC GAMES |  |  |
| Data Element Summary |  |  |  |  |
| Ref. | Data |  |  |  |
| Des. | Element | Name | Attributes |  |
| N101 | 98 | Entity Identifier Code |  | ID 2/3 |
|  |  | Code identifying an organizational entity, a physical location, property or an individual |  |  |
| N102 | 93 | Name | X | AN 1/60 |
|  |  | Free-form name |  |  |


| Segment: | N3 Address Information |  |  |
| :---: | :---: | :---: | :---: |
| Position: | 390N 1 |  |  |
| Loop: |  | Optional |  |
| Level: | Detail |  |  |
| Usage: | Optional |  |  |
| Max Use: | 2 |  |  |
| Purpose: | To specify the location of the named party |  |  |
| Syntax Notes: |  |  |
| Comments: |  |  |  |  |  |
| Notes: | Required only for Domestic PO's |  |  |
|  | Example: |  |  |
| Data Element Summary |  |  |  |
| Ref. <br> Des. | Data | Name |  |
|  | Element |  | Attributes |
| N301 | 166 | Address Information | M AN 1/55 |
|  |  | Address information |  |
| N302 | 166 | Address Information | O AN 1/55 |
|  |  | Address information |  |



| Segment: | CTT Transaction Totals |
| ---: | :--- |
| Position: | 010 |
| Loop: | CTT Optional |
| Level: | Summary |
| Usage: | Optional |
| Max Use: | 1 |
| Purpose: | To transmit a hash total for a specific element in the transaction set |
| Syntax Notes: | $\mathbf{1}$ If either CTT03 or CTT04 is present, then the other is required. |
|  | $\mathbf{2}$ If either CTT05 or CTT06 is present, then the other is required. |
| Comments: | $\mathbf{1}$ This segment is intended to provide hash totals to validate transaction completeness |
|  | and correctness. |

## Data Element Summary

| Ref. <br> Des. | Data <br> Element <br> CTT01 | Dame |  |
| :--- | :--- | :--- | :--- |
|  |  | Number of Line Items <br> Total number of line items in the transaction set | $\frac{\text { Attributes }}{\text { M }}$N0 1/6 |


| Segment: | SE Transaction Set Trailer |  |
| :---: | :---: | :---: |
| Position: | 030 |  |
| Loop: |  |  |
| Level: | Summary |  |
| Usage: | Mandatory |  |
| Max Use: | 1 |  |
| Purpose: | To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments) |  |
| Syntax Notes: |  |  |
| Comments: | 1 SE is the last segment of each transaction set. |  |
| Notes: | Example: |  |
| Data Element Summary |  |  |
| Ref. | Data |  |
| Des. | Element | Name $\quad$ Attributes |
| SE01 | 96 | Number of Included Segments $\quad$ M N0 1/10 |
|  | Total number of segments included in a transaction set including ST and SE segments |  |
| SE02 | 329 | Transaction Set Control Number M AN 4/9 |
|  | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |  |

## Example for PO Accepted in Full

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002500*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000028*X*004010
ST*855*280001
BAK*00*AT*9501120909*20030812
REF*IA*55555
CTT*0
SE*5*280001
GE*1*10000028
IEA* 1*010002500
```


## Example for PO Rejected

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002501*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000029*X*004010
ST*855*280002
BAK*00*RJ*9501120908*20030812
REF*IA*55555
CTT*0
SE*5*280002
GE*1*10000029
IEA*1*010002501
```


## Example for PO Acknowledgement with Detail and Change (Change in Dates - Header Level)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002502*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000030*X*004010
ST*855*280003
BAK*00*AC*9501120907*20030812
REF*IA*55555
DTM*001*20031119
DTM*037*20031101
DTM*193*20031102
DTM*194*20031118
CTT*1
SE*9*280003
GE*1*10000030
IEA*1*010002502
```


## Example for PO Acknowledgement with Detail and Change (Change in Ship From - Header Level)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002503*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000031*X*004010
ST*855*280003
BAK*00*AC*9501120906*20030812
REF*IA*55555
N1*SF*ABC GAMES GROUP
N4*CITY*ST*99999
CTT*1
SE*7*280003
GE*1*10000031
IEA*1*010002503
```


## Example for PO Acknowledgement with Detail and Change (Change in Quantity)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002504*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000032*X*004010
ST*855*280004
BAK*00*AC*9501120909*20030812
REF*IA*55555
PO1**360*EA*8.45**IT*231231*VA*0400000055*UP*0322444440099
CTT*1
SE*6*280004
GE*1*10000032
IEA*1*010002504
```


## Example for PO Acknowledgement with Detail and Change (Change in Dates - Line item Level)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002505*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000033*X*004010
ST*855*280005
BAK*00*AC*9501120909*20030812
REF*IA*55555
PO1**360*EA*8.45**IT*231231*VA*0400000055*UP*032244440099
DTM*001*20031129
DTM*037*20031115
DTM*193*20031116
DTM*194*20031128
CTT*1
SE*10*280005
GE*1*10000033
IEA*1*010002505
```


## Example for PO Acknowledgement with Detail and Change (Change in Ship From - Line item Level)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010002506*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000034*X*004010
ST*855*280006
BAK*00*AC*9501120909*20030812
REF*IA*55555
PO1**360*EA*8.45**IT*231231*VA*0400000055*UP*032244440099
N1*SF*ABC GAMES GROUP
N4*CITY*ST*99999
CTT*1
SE*8*280006
GE*1*10000034
IEA*1*010002506
```


## Example for IMPORT PO Acknowledgement with Detail and Change (Change in Port of Load - Header Level)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010009998*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000098*X*004010
ST*855*280001
BAK*00*AC*9501120888*20030812
REF*IA*55555
REF*4B*YNT
CTT*1
SE*7*280001
GE*1*10000098
IEA*1*010009998
```


## Example for IMPORT PO Acknowledgement with Detail and Change (Change in Port of Load - Line item Level)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010009999*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000099*X*004010
ST*855*280002
BAK*00*AC*9501120888*20030812
REF*IA*55555
REF*4B*YNT
PO1**360*EA*8.45**IT*231231*VA*040000055*UP*032244440099
REF*4B*YNT
CTT*1
SE*8*280002
GE*1*10000099
IEA*1*010009999
```


## Example for Product Replenishment (VMI Orders)

```
ISA*00* *00* *ZZ*VENDORISA *01*064336472
*030818*1712*U*00401*010000001*0*T*>
GS*PR*VENDORGS*064336472*20030818*1712*10000001*X*004010
ST*855*000000001
BAK*00*AP*8345121193*20030904
REF*IA*55555
FOB*PP*DE
DTM*193*20030903
DTM*194*20030828
N1*SF*XYZ GAMES
N3*1 XYZ BLVD
N4*CITY*ST*99999
PO1**144*EA*16.2**IT*122334*VA*122999*UP*888855554444
PO4*12************** }1
DTM*193*20030903
DTM*194*20030828
N1*SF*XYZ GAMES
N3*1 XYZ BLVD
N4*CITY*ST*99999
PO1**144*EA*18.36**IT*133445*VA*122888*UP*8888222233333
PO4*12*************12
DTM*193*20030903
DTM*194*20030828
N1*SF*XYZ GAMES
N3*1 XYZ BLVD
N4*CITY*ST*99999
CTT*2
SE*25*000000001
GE*1*10000001
IEA*1*000000001
```

