

Purchase Order Acknowledgment (855) Document Conversion
MEMA X12 to OAG XML

Analysis based on ASC X12 standard, which has additional elements not defined in MEMA standard

Purchase Order Acknowledgment Header

X12 data	XML Tag
ST01 – Transaction Set Identifier	
ST02 – Transaction Set Control Number	<ApplicationArea><Sender><ReferenceId>
BAK01 – Transaction Set Purpose Code	N/A
BAK02 – Acknowledgement Type	<Header><ReasonCode>
BAK03 – Purchase Order Number	<Header><DocumentIds><CustomerDocumentID><Id>
BAK04 – PO Date	<Header><DocumentDateTime>
BAK07 – Contract Number	<DocumentReferences><ContractDocumentReferences> <DocumentIds><DocumentId><Id>
BAK09 – Acknowledgement Date	<DocumentDateTime>
CUR01 – Identifier code	Identified under <parties> ie <BillToParty>, <ShipToParty>
CUR02 – Currency Code	<Parties><BillToParty><Currency>
REF01 – Reference Number Qualifier	N/A
REF02 – Reference Number	
CO (Customer Order Number)	<DocumentReferences><ContractDocumentReferences> <DocumentIds><DocumentId><Id>
DG (Drawing Number)	<Parties><BillToParty><PartyID><ID>
PR (Price Quote #)	<QuoteDocumentReference>
PD (Promotional/Deal No.)	Not Currently Defined
VR (VendorID)	<Parties><BillToParty><PartyID><ID>
PER02 – Contact Name ***	
OC (order Contact)	<Parties><PartyType><Contacts><Contact><Person>
BD (Buyer Name)	<Parties><PartyType><Contacts><Buyer><Person>
PER03 – 08 Additional Contact Info	Can be added under above
Tax – Tax Reference ***	<Parties><PartyType><TaxID> and <Parties><PartyType><TaxExemptInd>>
FOB01 – Ship Method of Payment	<TransportationTerm><TermCode> & <TrasportationTerm><FreightTerms>
CSH01 – Sales Requirement Code	<BackOrderInd>
N – No Backorder	
BK – Ship Partial, Back Order Balance	
SC – Ship Complete	
SP – Ship Partial, Cancel Balance	

SAC01 Allowance Charge Indicator	N/A
SAC02 – Agency Qualifier Code	N/A
SAC05 – Amount	<Charges>
SAC12 – Handling Code	
SAC15 – Description	
DTM01 – Date Time Reference	
001 – Cancel After	
002 – Delivery Requested	<PromisedDeliveryDate>
010 – Requested Ship	<PromisedShipDate>
037 – Ship Not Before	<EarliestShipDate>
038 – Ship No Later	
039 – Ship Week Of	
106 – Required By	<NeedDeliveryDate>
118 – Request For Pick-up	
372 – Actual Arrival Date	
DTM02 – Date expressed as CCYYMMDD	
TD502 – ID Qualifier Code	N/A
TD503 – ID Code (SCAC Code)	<DocumentIds><CarrierDocumentId> <AssigningPartyId><SCAC>
TD504 – Transportation Method	<ShipNote>
TD505 – Routing	<ShipNote>
TD512 – Service Level Code	<TransportationTerm><FreightTerms>
09 – Premium Surface	
ND – Next Day	
ON – Overnight	* FreightTerms is a string which can be any agreed
SC – Second Day Air	upon value
SD – Saturday	
SE – Second Day	
SG – Standard Ground	
TD301 Carrier Details – Special Handling Code	N/A
TD304 - Description	<ShipNote>
N1, N3, N4 – party information	All Covered under <Parties>

PO Lines

X12 data	XML Tag
P0101 – Line Number	<LineNumber>
P0102 – Quantity Ordered	<OrderQuantity>
P0103 – Unit of Measure	<OrderQuantity> uom attribute
P0104 – Unit Price	<UnitPrice><Amount>
P0105 – Basis of Unit Price	<UnitPrice><PerQuantity>
P0106 – Product/Service ID Qualifier (many uses) BP – Buyer Part VP – Vendor Part PD – Part Description UI – UPC Code	<CustomerItemId><Id> <SupplierItemId><Id> <OrderItemId><Description> <partyItemId><UPC>
P0107 – Product/Service ID	See above
P0301 – Change Reason Code	N/A – if PO is modified only modified information is
P0304 – Unit Price	shown in the PO102 – PO105 segments
P0305 – Basis of Unit Price	
P0306 – Quantity	
P0307 – UOM	
PID – Product Description ***	<OrderItemId><Description>
REF01 – Reference Number Qualifier	N/A
REF02 – Reference Number DG (Drawing Number) PD (Promo/Deal Number) PR (Price Quote #) RI (Revision Number) SE (Serial Number)	<QuoteDocumentReference> <OrderItem><ItemIds><BuyerItemId><Revision> <OrderItem><Serial>
SAC01 Allowance Charge Indicator	N/A
SAC02 – Agency Qualifier Code A010 – Minimum Charge D240 – Freight Charge D500 – Handling DF050 – Other	<Line><Charges><AdditionalCharge> <Line><Charges><BasicFreightCharge> <Line><Charges><TransportationCharge> ?? <Line><Charges><MiscellaneousCharge>
SAC05 – Amount	<Total> under above sections
SAC12 – Handling Code	<Id> under above sections
SAC15 – Description	<Description> under above sections
IT801 – Sales Requirement Code N – No Back Order BK – Ship Partial – Balance Back Order SC – Ship Complete SP – Ship Partial – Balance Cancel	<Line><BackOrderInd>
DTM	Use Various dates <EarliestShipDate>, <NeedDeliveryDate>, etc.

ACK01 – Line Item Status Code	<ItemStatus><Code>
ACK04 – Date Time Qualifier	N/A
ACK05 – Date	N/A
ACK07 – Product Qualifier ID	N/A
ACK08 – Product Qualifier	N/A
SCH – Line Item Schedule ***	
SCH01 – Quantity	<Schedule><OrderQuantity>
SCH02 – Unit Of Measure	<Schedule><OrderQuantity>uom attribute
SCH05 – 002 – Delivery Requested	<Schedule><PromisedDeliveryDate>
010 – Requested Ship	<Schedule><PromisedShipDate>
037 – Ship not Before	<Schedule><EarliestShipDate>
038 – Ship no Later	
039 – Ship Week of	
106 – Required By	<Schedule><NeedDeliveryDate>
108 – Requested Pick-up	
372 – Actual Arrival Date	
SCH06 – Date (goes with SCH05)	
N1, N3, N4 – party information	Currently not defined within <Schedule>