

Purchase Order (850) Document Conversion
MEMA X12 to OAG XML

Items in red and marked with *** are ANSI X12 segments not defined in MEMA X12.

Purchase Order Header

X12 data	XML Tag
ST01 – Transaction Set Identifier	
ST02 – Transaction Set Control Number	<ApplicationArea><Sender><ReferenceId>
BEG01 – Transaction Purpose Code	N/A
BEG02 – PO Type	<Header><ReasonCode>
BEG03 – Purchase Order Number	<Header><DocumentIds><CustomerDocumentID><Id>
BEG05 – PO Date	<Header><DocumentDateTime>
BEG06 – Contract Number	<DocumentReferences><ContractDocumentReferences> <DocumentIds><DocumentId><Id>
NTE01 Note Code	N/A
NTE02 Free Form Text	<Note>
CUR01 – Identifier code	Identified under <parties> ie <BillToParty>, <ShipToParty>
CUR02 – Currency Code	<Parties><BillToParty><Currency>
PER02 – Contact Name ***	<Parties><PartyType><Contacts><Contact><Person>
Tax – Tax Reference ***	<Parties><PartyType><TaxID> and <Parties><PartyType><TaxExemptInd>>
ITD – Terms of Sale ***	<PaymentTerms>
REF01 – Reference Number Qualifier	N/A
REF02 – Reference Number	
CT (Contract Number)	<DocumentReferences><ContractDocumentReferences> <DocumentIds><DocumentId><Id>
IA (Internal Vendor #)	<Parties><BillToParty><PartyID><ID>
PR (Price Quote #)	<QuoteDocumentReference>
RE (Release #)	Not Currently Defined
VR (VendorID)	<Parties><BillToParty><PartyID><ID>
FOB01 – Ship Method of Payment	<TransportationTerm><TermCode> & <TrasportationTerm><FreightTerms>
SSS01 Allowance Charge Indicator	N/A
SSS02 – Agency Qualifier Code	N/A
SSS03 – Special Services Code	<Charges>
CSH01 – Sales Requirement Code	<BackOrderInd>

DTM	Use Various dates <EarliestShipDate>, <NeedDeliveryDate>, etc.
DTM04 – Time Code (note: this is not used in ANSI X12)	Currently not defined. Can be setup either as a separate element (TimeCode) or as an attribute of the existing time elements.
TD502 – ID Qualifier Code	N/A
TD503 – ID Code (SCAC Code)	<DocumentIds><CarrierDocumentId> <AssigningPartyId><SCAC>
TD504 – Transportation Method	<ShipNote>
TD505 – Routing	<ShipNote>
TD510 – Transit Time Direction Qualifier (Air Hours, Air Days, Surface Days,)	Currently not defined. Could be included in <ShipNote>.
TD511 – Transit Time (goes with TD510)	Not defined. Could go with <ShipNote>. May need to be separate element.
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 EC – Engineering Change Level	<BuyerItemId><Id> <SupplierItemId><Id> <OrderItemId><Description> <partyItemId><Revision>
P0107 – Product/Service ID	See above
PID – Product Description ***	<OrderItemId><Description>
TAX01– Tax Identification Number ***	<Tax><TaxCode>
PKG – Marking, Packaging, Loading ***	<Notes><Note> or <Notes><ShippingNote>
PO Schedule (reviewing XML specs)	
SCH – Line Item Schedule ***	
SCH01 – Quantity	<Schedule><OrderQuantity>
SCH02 – Unit Of Measure	<Schedule><OrderQuantity>uom attribute
SCH05 – 02 – Delivery Requested	<Schedule><NeedDeliveryDate>
05 – Requested Ship	<Schedule><EarliestShipDate>
SCH06 – Date (goes with SCH05)	