**GP Chemet Project – Wayne Scroggins (IS Manager) / Mark Scott (CFO)**

**GP Information -** [**https://victoriayudin.com/**](https://victoriayudin.com/)

**GP Tables**

* **Inventory Tables - Last Updated: Oct 20, 2023, (Website)**
  + **Commonly Used Tables:**  
    IV00101 – Item Master  
    IV00102 – Item Quantity Master  
    IV00103 – Item Vendor Master  
    IV00104 – Item Kit Master  
    IV00105 – Item Currency Master  
    IV00106 – Item Purchasing  
    IV00107 – Item Price List Options  
    IV00108 – Item Price List  
    IV00109 – Item Serial Number Mask  
    IV00111 – Site Defaults  
    IV00112 – Item Site Bin Master  
    IV00113 – Item Price List Details  
    IV00118 – Item Cost Change History  
    IV00200 – Item Serial Number Master  
    IV00300 – Lot Number Master  
    IV00301 – Lot Attribute Master  
    IV10000 – Unposted/Work Transactions (header)  
    IV10001 – Unposted/Work Transactions (line detail)  
    IV10002 – Serial and Lot Number Work  
    IV10200 – Purchase Receipts (header)  
    IV10201 – Purchase Receipts Detail (line detail)  
    IV10300 – Unposted Stock Count (header)  
    IV10301 – Unposted Stock Count (line detail)  
    IV30101 – Sales Summary History  
    IV30102 – Sales Summary Period History  
    IV30200 – Transaction History (header)  
    IV30300 – Transaction Amounts History (line detail)  
    IV30301 – Transaction Amounts Detail History  
    IV30400 – Serial and Lot Number History  
    IV30500 – Distribution History  
    IV30600 – Lot Attribute History  
    IV30700 – Stock Count History (header)  
    IV30701 – Stock Count Line History (line detail)  
    IV40400 – Item Class Setup  
    IV40201 – U of M Schedule Setup (header)  
    IV40202 – U of M Schedule Detail Setup  
    IV40600 – Item Category Setup  
    IV40700 – Site Setup  
    IV40800 – Price Level Setup
  + **Bill of Materials Tables:**  
    BM00101 – Bill of Materials Header  
    BM00111 – Bill of Materials Component  
    BM10200 – Assembly Transaction (header)  
    BM10300 – Assembly Component (line detail)  
    BM10400 – Assembly Serial/Lot  
    BM30100 – Assembly Batch History  
    BM30200 – Assembly Transaction History (header)  
    BM30300 – Assembly Component History (line detail)  
    BM30400 – Assembly Serial/Lot History  
    BM40100 – Bill of Materials Setup
  + **Inventory Transaction Document Types:**  
    1 – Inventory Adjustment  
    2 – Variance  
    3 – Inventory Transfer  
    4 – Purchase Receipt  
    5 – Sales Returns  
    6 – Sales Invoices  
    7 – Assembly  
    8 – Inventory cost adjustment from POP Shipment (transaction source GLTRX)  
    11 – Inventory cost adjustment from POP Invoice (transaction source POIVC)
  + **Inventory Valuation Methods:**  
    1 – FIFO Perpetual  
    2 – LIFO Perpetual  
    3 – Average Perpetual  
    4 – FIFO Periodic  
    5 – LIFO Periodic
  + **Item Types:**  
    1 – Sales Inventory  
    2 – Discontinued  
    3 – Kit  
    4 – Misc Charges  
    5 – Services  
    6 – Flat Fee
  + **RCRDTYPE (Record Type) in IV00102:**  
    1 – Overall record (total for all sites)  
    2 – Site record
  + **ORDERPOLICY (Order Policy) in IV00102:**  
    1 – Not planned  
    2 – Lot for Lot  
    3 – Fixed Order Quantity  
    4 – Period Order Quantity  
    5 – Order Point  
    6 – Manually Planned
  + **ITMVNDTY (Item Vendor Type) in IV00103:**  
    1 – Primary Vendor  
    2 – Non-primary Vendor
  + **Quantity Types:**  
    1 – On Hand  
    2 – Returned  
    3 – In Use  
    4 – In Service  
    5 – Damaged
  + **Decimal Places:**  
    1 – 0  
    2 – 1  
    3 – 2  
    4 – 3  
    5 – 4  
    6 – 5
  + **TAXOPTNS and Purchase Tax Options (Tax Options):**  
    1 – Taxable  
    2 – Nontaxable  
    3 – Base on customer / vendor
  + **ITMTRKOP (Item Tracking Option):**  
    1 – None  
    2 – Serial Numbers  
    3 – Lot Numbers
  + **PRICMTHD (Price Method):**  
    1 – Currency Amount  
    2 – % of List Price  
    3 – % Markup – Current Cost  
    4 – % Markup – Standard Cost  
    5 – % Margin – Current Cost  
    6 – % Margin – Standard Cost
  + **KTACCTSR (Kit COGS Account Source):**  
    0 – COGS accounts from component items  
    1 – COGS account from kit
  + **PSTGSTUS (Posting Status) in IV10000:**  
    0 – New Transaction  
    1 – Unposted  
    2 – Posted  
    3 – Posted with Error
  + **Source Indicator in IV10000:**  
    1 – (none)  
    2 – Issue  
    3 – Reverse Issue  
    4 – Finished Good Post  
    5 – Reverse Finished Good Post  
    6 – Stock Count  
    7 – Field Service – Service Call  
    8 – Field Service – Return Material Authorization  
    9 – Field Service – Return to Vendor  
    10 – Field Service – Work Order  
    11 – Project Accounting  
    12 – In-Transit Inventory Transfer (thanks to Trevor for this one)
  + **STCKCNTSTTS (Stock Count Status):**  
    1 – Available  
    2 – Started  
    3 – Entered
  + **SMRYTYPE (Summary Type):**  
    1 – Calendar  
    2 – Fiscal
  + **Account Indexes:**  
    [Thanks to Ron Wilson for providing these!]  
    IVIVINDX – Inventory On Hand  
    IVIVOFIX – Inventory Offset  
    IVCOGSIX – Cost of Goods Sold  
    IVSLSIDX – Sales  
    IVSLDSIX – Markdowns  
    IVSLRNIX – Sales Returns  
    IVINUSIX – In Use  
    IVINSVIX – In Service  
    IVDMGIDX – Damaged  
    IVVARIDX – Variance  
    DPSHPIDX – Drop Ship Items  
    PURPVIDX – Purchase Price Variance  
    UPPVIDX – Unrealized Purchase Price Var  
    IVRETIDX – Inventory Returns  
    ASMVRIDX – Assembly Variance
  + **PCHSRCTY from IV10200**  
    [Thanks to Stephan Desmoulin for providing these!]  
    1 – Adjustment  
    2 – Variance  
    3 – Transfer  
    4 – Override  
    5 – Receipt  
    6 – Return  
    7 – Assembly  
    8 – In-Transit
* **SOP Tables - Last Updated: November 06, 2016 (Website)**

**Commonly Used Tables:**

* + **SOP10100 – Unposted/Work Transactions (header)  *– one record per unposted sales transaction***
  + **SOP10200 – Unposted/Work Transactions (line detail)  *– one record per line item on unposted sales transactions (for kits, there will be one record per kit component)***
  + **SOP10101 – Commissions Work and History**
  + **SOP10102 – GL Distributions Work and History  *– GL distributions for posted and unposted Invoices, Returns and Fulfillment Orders***
  + **SOP10103 – Payment Work and History  *– one record per payment entered on sales transaction***
  + **SOP10104 – Process Holds Work and History**
  + **SOP10105 – Sales Taxes Work and History**
  + **SOP10106 – User Defined Work and History  *– this table will also have the transaction level comment***
  + **SOP10107 – Tracking Numbers Work and History**
  + **SOP10201 – Serial/Lot Work and History**
  + **SOP10202 – Line Comment Work and History**
  + **SOP30200 – Historical Transactions (header)  *– one record per posted sales transaction***
  + **SOP30300 – Historical Transactions (line detail)  *– one record per line item on posted sales transactions (for kits, there will be one record per kit component)***
  + **SOP60100 – SOP-POP Link  *– one record for each link to a PO line, unique link on: SOPNUMBE, SOPTYPE, LNITMSEQ***
  + **SOP60300 – Customer Item Numbers**
  + **SOPTYPE (SOP Document Types):  
    1 – Quote  
    2 – Order  
    3 – Invoice  
    4 – Return  
    5 – Back Order  
    6 – Fulfillment Order**
  + **Distribution Types:  
    1 – SALES  
    2 – RECV  
    3 – CASH  
    4 – TAKEN  
    5 – AVAIL  
    6 – TRADE  
    7 – FREIGHT  
    8 – MISC  
    9 – TAXES  
    10 – MARK  
    11 – COMMEXP  
    12 – COMMPAY  
    13 – OTHER  
    14 – COGS  
    15 – INV  
    16 – RETURN  
    17 – IN USE  
    18 – IN SERVICE  
    19 – DAMAGED  
    20 – UNIT  
    21 – DEPOSITS  
    22 – ROUND  
    23 – REBATE**
  + **PYMTTYPE (Payment Type) in SOP10103:  
    1 – Cash Deposit  
    2 – Check Deposit  
    3 – Credit Card Deposit  
    4 – Cash Payment  
    5 – Check Payment  
    6 – Credit Card Payment  
    *[Note:  The PYMTTYPE values in the GP SDK are not correct, at least for the recent versions of GP – thank you to Beth Lott for bringing that to my attention.  I have confirmed the values above with GP Support.]***
  + **Decimal Places (for both Quantity and Currency):  
    1 – 0  
    2 – 1  
    3 – 2  
    4 – 3  
    5 – 4  
    6 – 5**
  + **Transaction Frequency:  
    1 – Weekly  
    2 – Biweekly  
    3 – Semimonthly  
    4 – Monthly  
    5 – Bimonthly  
    6 – Quarterly  
    7 – Miscellaneous**
  + **PURCHSTAT (Purchasing Status):  
    1 – None (will always be this for Quote, Return and Invoice)  
    2 – Needs Purchase  
    3 – Purchased  
    4 – Partially Received  
    5 – Fully Received**
  + **QTYTYPE (Quantity Type):  
    1 – On Hand  
    2 – Returned  
    3 – In Use  
    4 – In Service  
    5 – Damaged**
  + **PROSPECT:  
    0 – Existing Customer  
    1 – Prospect**
  + **COMAPPTO (Commission Applied To):  
    0 – Sales  
    1 – Invoice Total**
  + **VOIDSTTS (Void Status):  
    0 – Not Voided  
    1 – Voided**
  + **DROPSHIP (Drop Ship):  
    0 – No Drop Ship  
    1 – Drop Ship**
  + **NONINVEN (Non-Inventory):  
    0 – Inventory item  
    1 – Non-inventory item**
  + **SOPSTATUS (SOP Status):  
    1 – New  (Order)  
    2 – Ready to Print Pick Ticket  (Fulfillment Order)  
    3 – Unconfirmed Pick  (Fulfillment Order)  
    4 – Ready to Print Pack Slip  (Fulfillment Order)  
    5 – Unconfirmed Pack  (Fulfillment Order)  
    6 – Shipped  (Fulfillment Order)  
    7 – Ready to Post  (Invoice)  
    8 – In Process  (Order)  
    9 – Complete  (Order)**
  + **DELETE1 (Delete)  in SOP10104:  
    0 – Not deleted  
    1 – Hold has been removed**
  + **PSTGSTUS (Posting Status):  
    0 – Not posted  
    2 – Posted  
    3 – Error  
    7 – checking for Duplicate Document numbers  
    12 – verifying accuracy of amounts between detail & header  
    14 – verifying total detail amounts match header amount  
    508 – transferring record from SOP10100 to SOP30200  
    600 – validating detail & header records match in history tables**

* + **Notes on reporting in SOP:**
  + **Remember to filter out voided transactions.**
  + **When linking SOP tables, always link on the SOPNUMBE and SOPTYPE.  While it doesn’t happen too often in real life, the system will allow you to have the same SOP number for different SOP types.**
  + **On Invoices and Returns, QUANTITY is what was billed/credited, however, if you want to see the quantity in the ‘Base’ Unit of Measure (what the Inventory module keeps the quantities in), you will need to multiply the QUANTITY by the QTYBSUOM (Quantity in Base U of M).**
  + **Returns will show up as positive numbers – you’ll need to change the sign if you are adding all the transactions together.**
  + **Try not to use DEXROWID for any reporting logic, as there are times where these get repopulated, for example when you upgrade to a new version.**