SELECT OH.sopnumbe       AS SOP\_Number,  
       CASE OH.soptype  
         WHEN 3 THEN 'Invoice'  
         WHEN 4 THEN 'Return'  
         WHEN 1 THEN 'Quote'  
         WHEN 2 THEN 'Order'  
         WHEN 5 THEN 'Backorder'  
         WHEN 6 THEN 'Fulfillment\_Order'  
         ELSE 'Other'  
       END               AS SOP\_Type,  
       OH.docdate        AS Document\_Date,  
       OH.glpostdt       AS GL\_Posting\_Date,  
       OH.ordrdate       AS Order\_Date,  
       OH.duedate        AS Due\_Date,  
       OH.mstrnumb       AS Master\_Number,  
       'Open'            AS Posting\_Status,  
       OH.custnmbr       AS Customer\_ID,  
       OH.custname       AS Customer\_Name,  
       OH.cstponbr       AS Customer\_PO,  
       OH.bachnumb       AS Batch\_Number,  
       OH.locncode       AS Header\_Site\_ID,  
       OL.locncode       AS Line\_Site\_ID,  
       OH.slprsnid       AS Header\_Salesperson,  
       OL.slprsnid       AS Line\_Salesperson,  
       OH.salsterr       AS Header\_Territory,  
       OL.salsterr       AS Line\_Territory,  
       OH.pymtrmid       AS Payment\_Terms\_ID,  
       OH.shipmthd       AS Header\_Shipping\_Method,  
       OL.shipmthd       AS Line\_Shipping\_Method,  
       OH.prbtadcd       AS Bill\_To\_Address\_ID,  
       OH.prstadcd       AS Header\_Ship\_To\_Address\_ID,  
       OH.shiptoname     AS Header\_Ship\_To\_Name,  
       OH.address1       AS Header\_Address\_1,  
       OH.address2       AS Header\_Address\_2,  
       OH.address3       AS Header\_Address\_3,  
       OH.city           AS Header\_City,  
       OH.state          AS Header\_State,  
       OH.zipcode        AS Header\_Zip\_Code,  
       OH.country        AS Header\_Country,  
       OL.prstadcd       AS Line\_Ship\_To\_Address\_ID,  
       OL.shiptoname     AS Line\_Ship\_To\_Name,  
       OL.address1       AS Line\_Address\_1,  
       OL.address2       AS Line\_Address\_2,  
       OL.address3       AS Line\_Address\_3,  
       OL.city           AS Line\_City,  
       OL.state          AS Line\_State,  
       OL.zipcode        AS Line\_Zip\_Code,  
       OL.country        AS Line\_Country,  
       CASE OH.soptype  
         WHEN 3 THEN OH.docamnt  
         WHEN 4 THEN ( -OH.docamnt )  
         ELSE OH.docamnt  
       END               AS Total\_Document\_Amount,  
       CASE OH.soptype  
         WHEN 3 THEN OH.mrkdnamt  
         WHEN 4 THEN ( -OH.mrkdnamt )  
         ELSE OH.mrkdnamt  
       END               AS Total\_Markdown\_Amount,  
       CASE OH.soptype  
         WHEN 3 THEN OH.subtotal  
         WHEN 4 THEN ( -OH.subtotal )  
         ELSE OH.subtotal  
       END               AS Document\_Subtotal,  
       CASE OH.soptype  
         WHEN 3 THEN OH.frtamnt  
         WHEN 4 THEN ( -OH.frtamnt )  
         ELSE OH.frtamnt  
       END               AS Freight\_Amount,  
       CASE OH.soptype  
         WHEN 3 THEN OH.miscamnt  
         WHEN 4 THEN ( -OH.miscamnt )  
         ELSE OH.miscamnt  
       END               AS Misc\_Amount,  
       CASE OH.soptype  
         WHEN 3 THEN OH.taxamnt  
         WHEN 4 THEN ( -OH.taxamnt )  
         ELSE OH.taxamnt  
       END               AS Tax\_Amount,  
       OH.curncyid       AS Currency\_ID,  
       OH.reqshipdate    AS Header\_ReqShipDate,  
       OL.reqshipdate    AS Line\_ReqShipDate,  
       OH.user2ent       AS User\_to\_Enter,  
       OH.commntid       AS Header\_Comment\_ID,  
       OL.commntid       AS Line\_Comment\_ID,  
       OL.lnitmseq       AS Line\_Item\_Sequence,  
       OL.cmpntseq       AS Component\_Sequence,  
       CASE OL.noninven  
         WHEN 0 THEN 'Inventory'  
         WHEN 1 THEN 'Non-Inventory'  
         ELSE ''  
       END               AS Item\_Type,  
       OL.itemnmbr       AS Item\_Number,  
       OL.itemdesc       AS Item\_Description,  
       CASE OH.soptype  
         WHEN 3 THEN OL.quantity  
         WHEN 4 THEN ( -OL.quantity )  
         ELSE OL.quantity  
       END               AS Quantity,  
       OL.uofm           AS U\_of\_M,  
       OL.qtybsuom       AS Qty\_in\_Base\_U\_of\_M,  
       CASE OH.soptype  
         WHEN 3 THEN OL.qtyremai  
         WHEN 4 THEN ( -OL.qtyremai )  
         ELSE OL.qtyremai  
       END               AS Qty\_Remaining,  
       CASE OH.soptype  
         WHEN 3 THEN OL.unitprce  
         WHEN 4 THEN ( -OL.unitprce )  
         ELSE OL.unitprce  
       END               AS Unit\_Price,  
       CASE OH.soptype  
         WHEN 3 THEN OL.xtndprce  
         WHEN 4 THEN ( -OL.xtndprce )  
         ELSE OL.xtndprce  
       END               AS Extended\_Price,  
       CASE OL.mrkdntyp  
         WHEN 0 THEN 'Percentage'  
         WHEN 1 THEN 'Amount'  
         ELSE ''  
       END               AS Markdown\_Type,  
       OL.mrkdnamt       AS Markdown\_Amount,  
       OL.mrkdnpct / 100 AS Markdown\_Percentage,  
       CASE OH.soptype  
         WHEN 3 THEN OL.trdisamt  
         WHEN 4 THEN ( -OL.trdisamt )  
         ELSE OL.trdisamt  
       END               AS Trade\_Discount\_Amount,  
       CASE OH.soptype  
         WHEN 3 THEN OL.unitcost  
         WHEN 4 THEN ( -OL.unitcost )  
         ELSE OL.unitcost  
       END               AS Unit\_Cost,  
       CASE OH.soptype  
         WHEN 3 THEN OL.extdcost  
         WHEN 4 THEN ( -OL.extdcost )  
         ELSE OL.extdcost  
       END               AS Extended\_Cost,  
       CASE OH.soptype  
         WHEN 3 THEN ( OL.xtndprce - OL.extdcost )  
         WHEN 4 THEN ( -( OL.xtndprce - OL.extdcost ) )  
         ELSE ( OL.xtndprce - OL.extdcost )  
       END               AS Gross\_Margin,  
       CASE OH.soptype  
         WHEN 3 THEN ( CASE OL.xtndprce  
                         WHEN 0 THEN 0  
                         ELSE ( OL.xtndprce - OL.extdcost ) / OL.xtndprce \* 100  
                       END )  
         WHEN 4 THEN ( -( CASE OL.xtndprce  
                            WHEN 0 THEN 0  
                            ELSE ( OL.xtndprce - OL.extdcost ) / OL.xtndprce \*  
                                 100  
                          END ) )  
         ELSE ( CASE OL.xtndprce  
                  WHEN 0 THEN 0  
                  ELSE ( OL.xtndprce - OL.extdcost ) / OL.xtndprce \* 100  
                END )  
       END               AS Gross\_Margin\_Pct,  
       IM.itmclscd       AS Item\_Class,  
       IM.uscatvls\_1     AS Manufacturer  
FROM   dbo.sop10100 AS OH  
       INNER JOIN dbo.sop10200 AS OL  
               ON OH.soptype = OL.soptype  
                  AND OH.sopnumbe = OL.sopnumbe  
       INNER JOIN dbo.iv00101 AS IM  
               ON OL.itemnmbr = IM.itemnmbr  
WHERE  ( OH.voidstts = 0 )  
UNION  
SELECT HH.sopnumbe       AS SOP\_Number,  
       CASE HH.soptype  
         WHEN 3 THEN 'Invoice'  
         WHEN 4 THEN 'Return'  
         WHEN 1 THEN 'Quote'  
         WHEN 2 THEN 'Order'  
         WHEN 5 THEN 'Backorder'  
         WHEN 6 THEN 'Fulfillment\_Order'  
         ELSE 'Other'  
       END               AS SOP\_Type,  
       HH.docdate        AS Document\_Date,  
       HH.glpostdt       AS GL\_Posting\_Date,  
       HH.ordrdate       AS Order\_Date,  
       HH.duedate        AS Due\_Date,  
       HH.mstrnumb       AS Master\_Number,  
       'History'         AS Posting\_Status,  
       HH.custnmbr       AS Customer\_ID,  
       HH.custname       AS Customer\_Name,  
       HH.cstponbr       AS Customer\_PO,  
       HH.bachnumb       AS Batch\_Number,  
       HH.locncode       AS Header\_Site\_ID,  
       HL.locncode       AS Line\_Site\_ID,  
       HH.slprsnid       AS Header\_Salesperson,  
       HL.slprsnid       AS Line\_Salesperson,  
       HH.salsterr       AS Header\_Territory,  
       HL.salsterr       AS Line\_Territory,  
       HH.pymtrmid       AS Payment\_Terms\_ID,  
       HH.shipmthd       AS Header\_Shipping\_Method,  
       HL.shipmthd       AS Line\_Shipping\_Method,  
       HH.prbtadcd       AS Bill\_To\_Address\_ID,  
       HH.prstadcd       AS Header\_Ship\_To\_Address\_ID,  
       HH.shiptoname     AS Header\_Ship\_To\_Name,  
       HH.address1       AS Header\_Address\_1,  
       HH.address2       AS Header\_Address\_2,  
       HH.address3       AS Header\_Address\_3,  
       HH.city           AS Header\_City,  
       HH.state          AS Header\_State,  
       HH.zipcode        AS Header\_Zip\_Code,  
       HH.country        AS Header\_Country,  
       HL.prstadcd       AS Line\_Ship\_To\_Address\_ID,  
       HL.shiptoname     AS Line\_Ship\_To\_Name,  
       HL.address1       AS Line\_Address\_1,  
       HL.address2       AS Line\_Address\_2,  
       HL.address3       AS Line\_Address\_3,  
       HL.city           AS Line\_City,  
       HL.state          AS Line\_State,  
       HL.zipcode        AS Line\_Zip\_Code,  
       HL.country        AS Line\_Country,  
       CASE HH.soptype  
         WHEN 3 THEN HH.docamnt  
         WHEN 4 THEN ( -HH.docamnt )  
         ELSE HH.docamnt  
       END               AS Total\_Document\_Amount,  
       CASE HH.soptype  
         WHEN 3 THEN HH.mrkdnamt  
         WHEN 4 THEN ( -HH.mrkdnamt )  
         ELSE HH.mrkdnamt  
       END               AS Total\_Markdown\_Amount,  
       CASE HH.soptype  
         WHEN 3 THEN HH.subtotal  
         WHEN 4 THEN ( -HH.subtotal )  
         ELSE HH.subtotal  
       END               AS Document\_Subtotal,  
       CASE HH.soptype  
         WHEN 3 THEN HH.frtamnt  
         WHEN 4 THEN ( -HH.frtamnt )  
         ELSE HH.frtamnt  
       END               AS Freight\_Amount,  
       CASE HH.soptype  
         WHEN 3 THEN HH.miscamnt  
         WHEN 4 THEN ( -HH.miscamnt )  
         ELSE HH.miscamnt  
       END               AS Misc\_Amount,  
       CASE HH.soptype  
         WHEN 3 THEN HH.taxamnt  
         WHEN 4 THEN ( -HH.taxamnt )  
         ELSE HH.taxamnt  
       END               AS Tax\_Amount,  
       HH.curncyid       AS Currency\_ID,  
       HH.reqshipdate    AS Header\_ReqShipDate,  
       HL.reqshipdate    AS Line\_ReqShipDate,  
       HH.user2ent       AS User\_to\_Enter,  
       HH.commntid       AS Header\_Comment\_ID,  
       HL.commntid       AS Line\_Comment\_ID,  
       HL.lnitmseq       AS Line\_Item\_Sequence,  
       HL.cmpntseq       AS Component\_Sequence,  
       CASE HL.noninven  
         WHEN 0 THEN 'Inventory'  
         WHEN 1 THEN 'Non-Inventory'  
         ELSE ''  
       END               AS Item\_Type,  
       HL.itemnmbr       AS Item\_Number,  
       HL.itemdesc       AS Item\_Description,  
       CASE HH.soptype  
         WHEN 3 THEN HL.quantity  
         WHEN 4 THEN ( -HL.quantity )  
         ELSE HL.quantity  
       END               AS Quantity,  
       HL.uofm           AS U\_of\_M,  
       HL.qtybsuom       AS Qty\_in\_Base\_U\_of\_M,  
       CASE HH.soptype  
         WHEN 3 THEN HL.qtyremai  
         WHEN 4 THEN ( -HL.qtyremai )  
         ELSE HL.qtyremai  
       END               AS Qty\_Remaining,  
       CASE HH.soptype  
         WHEN 3 THEN HL.unitprce  
         WHEN 4 THEN ( -HL.unitprce )  
         ELSE HL.unitprce  
       END               AS Unit\_Price,  
       CASE HH.soptype  
         WHEN 3 THEN HL.xtndprce  
         WHEN 4 THEN ( -HL.xtndprce )  
         ELSE HL.xtndprce  
       END               AS Extended\_Price,  
       CASE HL.mrkdntyp  
         WHEN 0 THEN 'Percentage'  
         WHEN 1 THEN 'Amount'  
         ELSE ''  
       END               AS Markdown\_Type,  
       HL.mrkdnamt       AS Markdown\_Amount,  
       HL.mrkdnpct / 100 AS Markdown\_Percentage,  
       CASE HH.soptype  
         WHEN 3 THEN HL.trdisamt  
         WHEN 4 THEN ( -HL.trdisamt )  
         ELSE HL.trdisamt  
       END               AS Trade\_Discount\_Amount,  
       CASE HH.soptype  
         WHEN 3 THEN HL.unitcost  
         WHEN 4 THEN ( -HL.unitcost )  
         ELSE HL.unitcost  
       END               AS Unit\_Cost,  
       CASE HH.soptype  
         WHEN 3 THEN HL.extdcost  
         WHEN 4 THEN ( -HL.extdcost )  
         ELSE HL.extdcost  
       END               AS Extended\_Cost,  
       CASE HH.soptype  
         WHEN 3 THEN ( HL.xtndprce - HL.extdcost )  
         WHEN 4 THEN ( -( HL.xtndprce - HL.extdcost ) )  
         ELSE ( HL.xtndprce - HL.extdcost )  
       END               AS Gross\_Margin,  
       CASE HH.soptype  
         WHEN 3 THEN ( CASE HL.xtndprce  
                         WHEN 0 THEN 0  
                         ELSE ( HL.xtndprce - HL.extdcost ) / HL.xtndprce \* 100  
                       END )  
         WHEN 4 THEN ( -( CASE HL.xtndprce  
                            WHEN 0 THEN 0  
                            ELSE ( HL.xtndprce - HL.extdcost ) / HL.xtndprce \*  
                                 100  
                          END ) )  
         ELSE ( CASE HL.xtndprce  
                  WHEN 0 THEN 0  
                  ELSE ( HL.xtndprce - HL.extdcost ) / HL.xtndprce \* 100  
                END )  
       END               AS Gross\_Margin\_Pct,  
       IM.itmclscd       AS Item\_Class,  
       IM.uscatvls\_1     AS Manufacturer  
FROM   dbo.sop30200 AS HH  
       INNER JOIN dbo.sop30300 AS HL  
               ON HH.soptype = HL.soptype  
                  AND HH.sopnumbe = HL.sopnumbe  
       INNER JOIN dbo.iv00101 AS IM  
               ON HL.itemnmbr = IM.itemnmbr  
WHERE  ( HH.voidstts = 0 )