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 )