Inventory Audit Report with Client Info

ItemCode	Dscription							
A2309510 -								

Posting Date	Document		Whr	Qty	Cum. Qty	CardCode	CardName	U_ShipBy
	Opening Qty		01	8.00	8.00			
24-Apr-25	DN	204179	01	-1.00	7.00	C00170		Aron
13-May-25	DN	204228	01	-1.00	6.00	C00161		Aron
20-Jun-25	DN	204330	01	-1.00	5.00	C00161		Aron
	Closing Qty		01	5.00	5.00			

Stored Procedure:

```
CREATE PROCEDURE "MCS_InventoryAuditReport_Client"
(
    IN FromDt DATE,
    IN ToDt DATE,
    IN FromItem NVARCHAR(50),
    IN ToItem NVARCHAR(50)
)
LANGUAGE SQLSCRIPT
AS
BEGIN
-- Opening Balance --
SELECT
    1 AS "SortOrder",
    'Opening Balance' AS "Status",
    'Opening Qty' AS "Type",
    NULL AS "DocDate",
    '' AS "BASE_REF",
    T0."ItemCode",
    T0."Dscription",
    '' AS "CardCode",
    '' AS "CardName",
    T0."Warehouse",
    SUM(T0."InQty" - T0."OutQty") AS "Qty",
    '' AS "U_ShipBy",
    '' AS "U_MSerialNumber"
FROM OINM T0
LEFT JOIN ODLN T1 ON T0."BASE_REF" = CAST(T1."DocNum" AS NVARCHAR) AND
T0."TransType" = 15
LEFT JOIN DLN1 T2 ON T1."DocEntry" = T2."DocEntry" AND T0."ItemCode" = T2."ItemCode"
WHERE T0."DocDate" < FromDt
AND T0."ItemCode" BETWEEN FromItem AND ToItem
GROUP BY
```

```sql
    T0."ItemCode",
    T0."Dscription",
    T0."Warehouse"

UNION ALL

-- INQTY --
SELECT
    2 AS "SortOrder",
    'QTY' AS "Status",
    CASE
        WHEN T0."TransType" = 13 THEN 'IN'
        WHEN T0."TransType" = 14 THEN 'CN'
        WHEN T0."TransType" = 15 THEN 'DN'
        WHEN T0."TransType" = 16 THEN 'RE'
        WHEN T0."TransType" = 18 THEN 'PU'
        WHEN T0."TransType" = 19 THEN 'PC'
        WHEN T0."TransType" = 20 THEN 'PD'
        WHEN T0."TransType" = 21 THEN 'PR'
        WHEN T0."TransType" = 24 THEN 'RC'
        WHEN T0."TransType" = 30 THEN 'JE'
        WHEN T0."TransType" = 46 THEN 'PS'
        WHEN T0."TransType" = 59 THEN 'SI'
        WHEN T0."TransType" = 60 THEN 'SO'
        WHEN T0."TransType" = 67 THEN 'IM'
        ELSE 'OR'
    END AS "Type",
    T0."DocDate",
    T0."BASE_REF",
    T0."ItemCode",
    T0."Dscription",
    T0."CardCode",
    T0."CardName",
    T0."Warehouse",
    T0."InQty" AS "Qty",
    T1."U_ShipBy",
    T2."U_MSerialNumber"
FROM OINM T0
LEFT JOIN ODLN T1 ON T0."BASE_REF" = CAST(T1."DocNum" AS NVARCHAR) AND
T0."TransType" = 15
LEFT JOIN DLN1 T2 ON T1."DocEntry" = T2."DocEntry" AND T0."ItemCode" = T2."ItemCode"
WHERE T0."DocDate" BETWEEN FromDt AND ToDt
AND T0."ItemCode" BETWEEN FromItem AND ToItem
AND T0."InQty" <> 0
```

```sql
UNION ALL

-- OUTQTY --
SELECT
  2 AS "SortOrder",
  'QTY' AS "Status",
  CASE
    WHEN T0."TransType" = 13 THEN 'IN'
    WHEN T0."TransType" = 14 THEN 'CN'
    WHEN T0."TransType" = 15 THEN 'DN'
    WHEN T0."TransType" = 16 THEN 'RE'
    WHEN T0."TransType" = 18 THEN 'PU'
    WHEN T0."TransType" = 19 THEN 'PC'
    WHEN T0."TransType" = 20 THEN 'PD'
    WHEN T0."TransType" = 21 THEN 'PR'
    WHEN T0."TransType" = 24 THEN 'RC'
    WHEN T0."TransType" = 30 THEN 'JE'
    WHEN T0."TransType" = 46 THEN 'PS'
    WHEN T0."TransType" = 59 THEN 'SI'
    WHEN T0."TransType" = 60 THEN 'SO'
    WHEN T0."TransType" = 67 THEN 'IM'
    ELSE 'OR'
  END AS "Type",
  T0."DocDate",
  T0."BASE_REF",
  T0."ItemCode",
  T0."Dscription",
  T0."CardCode",
  T0."CardName",
  T0."Warehouse",
  -T0."OutQty" AS "Qty",
  T1."U_ShipBy",
  T2."U_MSerialNumber"
FROM OINM T0
LEFT JOIN ODLN T1 ON T0."BASE_REF" = CAST(T1."DocNum" AS NVARCHAR) AND
T0."TransType" = 15
LEFT JOIN DLN1 T2 ON T1."DocEntry" = T2."DocEntry" AND T0."ItemCode" = T2."ItemCode"
WHERE T0."DocDate" BETWEEN FromDt AND ToDt
AND T0."ItemCode" BETWEEN FromItem AND ToItem
AND T0."OutQty" <> 0

UNION ALL
```

```sql
-- Closing Balance --
SELECT
    3 AS "SortOrder",
    'Closing Balance' AS "Status",
    'Closing Qty' AS "Type",
    NULL AS "DocDate",
    '' AS "BASE_REF",
    T0."ItemCode",
    T0."Dscription",
    '' AS "CardCode",
    '' AS "CardName",
    T0."Warehouse",
    SUM(T0."InQty" - T0."OutQty") AS "Qty",
    '' AS "U_ShipBy",
    '' AS "U_MSerialNumber"
FROM OINM T0
LEFT JOIN ODLN T1 ON T0."BASE_REF" = CAST(T1."DocNum" AS NVARCHAR) AND
T0."TransType" = 15
LEFT JOIN DLN1 T2 ON T1."DocEntry" = T2."DocEntry" AND T0."ItemCode" = T2."ItemCode"
WHERE T0."DocDate" <= ToDt
AND T0."ItemCode" BETWEEN FromItem AND ToItem
GROUP BY
    T0."Warehouse",
    T0."ItemCode",
    T0."Dscription"

ORDER BY
    "ItemCode",
    "SortOrder",
    "DocDate";


END;
```