**TÀI LIỆU MÔ TẢ CHUYỂN ĐỔI STORE – 33.NAPAS\_MASTER\_VIEW\_DOMESTIC\_IBFT.prc (TEMPLATE ĐẦY ĐỦ)**

Oracle → TiDB/Java | Chuẩn hoá bước & chỗ dán lệnh | Font: Times New Roman (SQL: Courier New)

**1. Tên store**

RPT.NAPAS\_MASTER\_VIEW\_DOMESTIC\_IBFT (file: 33.NAPAS\_MASTER\_VIEW\_DOMESTIC\_IBFT.prc).

**1.1 Phân tích store (giữ nguyên đánh số step theo store gốc)**

Step 1: Ghi log bắt đầu (ERR\_EX).

Step 2: Gọi thủ tục con INSERT\_TCKT\_SESSION\_DOMESTIC\_IBFT(pQRY\_FROM\_DATE, pQRY\_TO\_DATE, pUser) – tổng hợp phiên IBFT vào TCKT\_SESSION\_DOMESTIC.

Step 4: Xoá dữ liệu cũ ở TCKT\_NAPAS\_IBFT.

Step 5: Insert từ SHCLOG\_SETT\_IBFT sang TCKT\_NAPAS\_IBFT (ISS-ACQ).

Step 6: Insert từ SHCLOG\_SETT\_IBFT sang TCKT\_NAPAS\_IBFT (ACQ-ISS)

Step 7: : Insert từ SHCLOG\_SETT\_IBFT sang TCKT\_NAPAS\_IBFT (ISS-BEN)

Step 8: : Insert từ SHCLOG\_SETT\_IBFT sang TCKT\_NAPAS\_IBFT (BEN-ISS)

Step 9: : Insert từ SHCLOG\_SETT\_IBFT\_ADJUSTsang TCKT\_NAPAS\_IBFT (ISS-ACQ).

Step 10: Insert từ SHCLOG\_SETT\_IBFT\_ADJUSTsang TCKT\_NAPAS\_IBFT (ACQ-ISS).

Step 11: : Insert từ SHCLOG\_SETT\_IBFT\_ADJUSTsang TCKT\_NAPAS\_IBFT (ISS-BEN)..

Step 12: : Insert từ SHCLOG\_SETT\_IBFT\_ADJUSTsang TCKT\_NAPAS\_IBFT (BEN-ISS).

Step 13: Cập nhật dữ liệu phí theo từng nhóm

Step 14: Tính nợ và có.

Step 15 – 17 Tổng hợp dữ liệu theo từng bước:

* **B-GROUP\_BY\_SV**: Tổng hợp theo dịch vụ (SERVICE\_CODE).
* **D-TOTAL\_BANK**: Tổng hợp theo ngân hàng (BANK\_ID).
* **E-TOTAL\_REPORT**: Tổng hợp toàn bộ báo cáo, bỏ qua BANK\_ID và gán BANK\_NAME = 'Tổng Cộng'

**Step 18** – 20 câpj nhật các thông tin bổ sung:

* OD\_BY theo điểu kiện case when
* Cập nhật lại tên ngân hàng
* Cập nhật loại dịch vụ về IBFT:

Step 21: Xoá dữ liệu bảng NAPAS\_FEE\_MONTH

Strep 22: Ghi dữ liệu vào bảng NAPAS\_FEE\_MONTH theo dữ liệu vừa tinh phí ở bảng TCKT\_NAPAS\_IBFT

Step 23: Sao lưu sang NAPAS\_FEE\_MONTH\_AUTO\_BACKUP.

Step 24: Ghi log kết thúc (ERR\_EX).

Step 25: Ghi log lỗi (ERR\_EX) trong khối EXCEPTION.

**1.2 Bảng thay thế hàm Oracle → TiDB/Java**

|  |  |
| --- | --- |
| Oracle (store gốc) | TiDB/Java thay thế |
| SYSDATE | NOW() |
| TO\_DATE(str,'dd/MM/yyyy') | STR\_TO\_DATE(str,'%d/%m/%Y') |
| TO\_CHAR(dt,'fmt') | DATE\_FORMAT(dt,'fmt MySQL') |
| TRUNC(dt) | DATE(dt) hoặc DATE\_FORMAT(dt,'%Y-%m-%d') |
| NVL(a,b) | IFNULL(a,b) |
| DECODE(...) | CASE WHEN ... THEN ... ELSE ... END |
| SUBSTR(s, pos, len) | SUBSTRING(s, pos, len) |
| Table(GET\_LIQUIDITY\_BANK) | Thay thế bằng view GET\_LIQUIDITY\_BANK |
| GET\_FULL\_BANK\_NAME(bank\_id) | Thay thế bằng lệnh join trực tiếp  JOIN RP\_INSTITUTION r  ON r.SHCLOG\_ID = CASE  WHEN t.BANK\_ID = 970472 THEN 970471  WHEN t.BANK\_ID = 191919 THEN 970459  WHEN t.BANK\_ID = 970415 THEN 970489  ELSE t.BANK\_ID  END |
| GET\_QRC\_WITH(...) | CASE WHEN Pcode2 IN (720000,730000,890000) THEN (CASE WHEN NOT EXISTS(SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID=A.BB\_BIN) THEN A.BB\_BIN ELSE 0 END) ELSE 0 END |
| GET\_BCCARD\_ID | Thay bằng tham số bccard\_id |

**1.3 Câu lệnh thay thế theo từng step (điền sau)**

**Step 1 – Câu lệnh**

Insert Into ERR\_EX(ERR\_TIME,ERR\_CODE,ERR\_DETAIL,ERR\_MODULE)

Values(NOW(),'0','Start','NAPAS\_MASTER\_VIEW\_DOMESTIC\_IBFT')

**Step 2 – Câu lệnh**

Gọi sang lớp chuyển đổi store INSERT\_TCKT\_SESSION\_DOMESTIC\_IBFT là Proc\_INSERT\_TCKT\_SESSION\_DOMESTIC\_IBFT

**Step 4 – Câu lệnh**

TRUNCATE TABLE TCKT\_NAPAS\_IBFT

**Step 5 – Câu lệnh**

/\*step 5

Begin: Xu ly tong hop du lieu GD thanh cong tu bang SHCLOG\_SETT\_IBFT

ISS-ACQ\*/

INSERT INTO TCKT\_NAPAS\_IBFT (

MSGTYPE\_DETAIL, SUB\_BANK, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE,

GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, BC\_NP\_SUM, BC\_CL\_ADJ,

STEP, FEE\_TYPE, PART\_FE, LIQUIDITY

)

SELECT

A.MSGTYPE\_DETAIL,

CASE

WHEN A.ISSUER\_RP = 970426 AND SUBSTRING(TRIM(A.PAN),1,8) = '97046416' THEN 970464

ELSE NULL

END AS SUB\_BANK,

/\* SETT\_DATE \*/

CASE

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE ~ TRUNC(Edit\_Date) \*/

CASE

WHEN A.Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(A.Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(A.Edit\_Date)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

A.RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN A.Pcode2 = 890000 THEN 'QRPAY'

WHEN A.Pcode2 = 720000 THEN 'E-Wallet'

WHEN A.Pcode2 = 730000 THEN 'EFT'

WHEN A.Pcode IN ('43') AND A.Pcode2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','42','48','91') THEN 'IBFT'

WHEN A.Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

/\* PCODE rút gọn 2 ký tự + PCODE2 (khi thuộc dải đặc biệt) \*/

CASE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

) THEN CONCAT(LPAD(CAST(A.PCODE AS CHAR),2,'0'), A.PCODE2)

ELSE LPAD(CAST(A.PCODE AS CHAR),2,'0')

END AS PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN A.Pcode2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCode2 = 890000 THEN 'QRC'

WHEN A.PCode2 = 720000 THEN 'CAOT'

WHEN A.PCode2 = 730000 THEN 'EFTC'

WHEN A.PCode2 = 810000 THEN 'CA5'

WHEN A.PCode2 = 820000 THEN 'CA4'

WHEN A.PCode2 = 830000 THEN 'CA2'

WHEN A.PCode2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCode2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCode2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCode2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCode2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCode2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCode2 = 860000 THEN 'CA1'

WHEN A.PCode2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.merchant\_type = 6011 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN A.merchant\_type = 6013 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN A.merchant\_type = 6014 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN A.merchant\_type = 6015 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'ISS-ACQ' AS GROUP\_ROLE,

A.ISSUER\_RP AS BANK\_ID,

/\* WITH\_BANK \*/

CASE

WHEN A.acquirer\_rp IN (220699,602907,605609,:bccard\_id) THEN A.Acquirer\_Rp

WHEN A.PCode2 IN (810000,820000,830000,860000,870000) THEN 999999

ELSE 0

END AS WITH\_BANK,

/\* Tổng hợp số liệu \*/

SUM(CASE WHEN A.Pcode IN ('42','91') THEN 0 ELSE 1 END) AS DB\_TOTAL\_TRAN,

SUM(

CASE

WHEN A.Pcode IN ('00','01','40','20') THEN

CASE

WHEN A.PCODE = '20' AND A.Respcode IN (112,114) THEN -IFNULL(A.PREAMOUNT,0)

WHEN A.PCODE = '20' THEN -A.AMOUNT

WHEN A.Respcode IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT ELSE A.AMOUNT END

END

ELSE 0

END

) AS DB\_AMOUNT,

SUM(CASE WHEN A.FEE\_IRF\_ISS < 0 THEN -A.FEE\_IRF\_ISS ELSE 0 END) AS DB\_IR\_FEE,

-SUM(CASE WHEN A.Pcode IN ('42','91') THEN 0 ELSE A.FEE\_SVF\_ISS END) AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

0 AS CD\_TOTAL\_TRAN,

SUM(

CASE

WHEN A.Pcode = '40' THEN

CASE

WHEN A.Respcode IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT ELSE A.AMOUNT END

END

ELSE 0

END

) AS CD\_AMOUNT,

SUM(

CASE

WHEN A.FEE\_IRF\_ISS > 0 AND IFNULL(A.Pcode2,0) NOT IN (890000,720000) THEN A.FEE\_IRF\_ISS

ELSE 0

END

) AS CD\_IR\_FEE,

SUM(CASE WHEN A.FEE\_SVF\_ISS < 0 THEN 0 ELSE A.FEE\_SVF\_ISS END) AS CD\_SV\_FEE,

SUM(

CASE

WHEN A.Pcode = '40' THEN

CASE

WHEN A.Respcode IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT ELSE A.AMOUNT END

END

ELSE 0

END

) AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

/\* ADJ\_FEE \*/

SUM(

CASE

WHEN A.Acquirer = 220699 AND A.Merchant\_Type = 6011 AND A.Pcode IN ('01','30') THEN A.FEE\_IRF\_ACQ

WHEN A.ISSUER = 220699 AND A.Merchant\_Type = 6011 AND A.Pcode IN ('01','30') THEN A.FEE\_IRF\_ACQ

ELSE 0

END

) AS ADJ\_FEE,

0 AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE \*/

CASE

WHEN A.Pcode IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.Pcode = 0 AND A.Merchant\_type\_orig IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542) THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

/\* BC\_NP\_SUM & BC\_CL\_ADJ \*/

SUM(

CASE

WHEN A.Issuer\_Rp = 600005 AND A.Merchant\_Type IN (6011,6012) THEN A.FEE\_IRF\_ISS

WHEN A.Issuer\_Rp = 600006 AND A.Merchant\_Type = 6012 THEN A.FEE\_IRF\_ISS

WHEN A.Issuer\_Rp = 600007 THEN A.FEE\_IRF\_ISS

ELSE 0

END

) AS BC\_NP\_SUM,

SUM(CASE WHEN A.Issuer\_Rp IN (600005,600007) THEN A.FEE\_IRF\_ISS ELSE 0 END) AS BC\_CL\_ADJ,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* PART\_FE \*/

CASE

WHEN A.Msgtype = 430 AND A.Respcode = 114 THEN 1

WHEN A.Msgtype = 210 AND A.Respcode IN (112,114) AND A.Is\_part\_rev = 430 THEN 1

ELSE 0

END AS PART\_FE,

/\* LIQUIDITY: không có trong B/C/D ⇒ 'Y' \*/

CASE WHEN MAX(B.BANK\_ID) IS NULL

AND MAX(C.BANK\_ID) IS NULL

AND MAX(D.BANK\_ID) IS NULL

THEN 'Y' ELSE 'N' END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT A

LEFT JOIN GET\_LIQUIDITY\_BANK B ON A.ISSUER\_RP = B.BANK\_ID

LEFT JOIN GET\_LIQUIDITY\_BANK C ON A.ACQUIRER\_RP = C.BANK\_ID

LEFT JOIN GET\_LIQUIDITY\_BANK D ON A.BB\_BIN = D.BANK\_ID

WHERE

(

(A.Respcode = 0 AND A.Isrev IS NULL)

OR A.Respcode IN (110,112,113,114,115)

)

AND A.Fee\_Note IS NOT NULL

AND (

(A.PCODE2 IS NULL AND A.Pcode IN ('00','01','30','35','40','41','42','43','48','94','03','20'))

OR

(A.PCODE2 IS NOT NULL AND A.Pcode IN ('00','01','30','35','40','41','42','43','48','94','91','03','20'))

)

GROUP BY

A.MSGTYPE\_DETAIL,

CASE WHEN A.ISSUER\_RP = 970426 AND SUBSTRING(TRIM(A.PAN),1,8) = '97046416' THEN 970464 ELSE NULL END,

CASE

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END,

CASE WHEN A.Respcode = 0 THEN NULL ELSE CASE WHEN DATE(A.Edit\_Date) < :sett\_from THEN :sett\_from ELSE DATE(A.Edit\_Date) END END,

CASE WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840 WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418 ELSE 704 END,

A.RESPCODE,

CASE

WHEN A.Pcode2 = 890000 THEN 'QRPAY'

WHEN A.Pcode2 = 720000 THEN 'E-Wallet'

WHEN A.Pcode2 = 730000 THEN 'EFT'

WHEN A.Pcode IN ('43') AND A.Pcode2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','42','48','91') THEN 'IBFT'

WHEN A.Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

CASE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

) THEN CONCAT(LPAD(CAST(A.PCODE AS CHAR),2,'0'), A.PCODE2)

ELSE LPAD(CAST(A.PCODE AS CHAR),2,'0')

END,

CASE

WHEN A.Pcode2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCode2 = 890000 THEN 'QRC'

WHEN A.PCode2 = 720000 THEN 'CAOT'

WHEN A.PCode2 = 730000 THEN 'EFTC'

WHEN A.PCode2 = 810000 THEN 'CA5'

WHEN A.PCode2 = 820000 THEN 'CA4'

WHEN A.PCode2 = 830000 THEN 'CA2'

WHEN A.PCode2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCode2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCode2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCode2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCode2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCode2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCode2 = 860000 THEN 'CA1'

WHEN A.PCode2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.merchant\_type = 6011 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN A.merchant\_type = 6013 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN A.merchant\_type = 6014 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN A.merchant\_type = 6015 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

A.ISSUER\_RP,

CASE

WHEN A.acquirer\_rp IN (220699,602907,605609,:bccard\_id) THEN A.Acquirer\_Rp

WHEN A.PCode2 IN (810000,820000,830000,860000,870000) THEN 999999

ELSE 0

END,

CASE

WHEN A.Pcode IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.Pcode = 0 AND A.Merchant\_type\_orig IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542) THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END,

CASE

WHEN A.Msgtype = 430 AND A.Respcode = 114 THEN 1

WHEN A.Msgtype = 210 AND A.Respcode IN (112,114) AND A.Is\_part\_rev = 430 THEN 1

ELSE 0

END;

**Step 6 – Câu lệnh**

/\*step 6 ACQ-ISS \*/

INSERT INTO TCKT\_NAPAS\_IBFT(

MSGTYPE\_DETAIL, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE,

GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, BC\_NP\_ADJ, BC\_NP\_SUM,

STEP, FEE\_TYPE, PART\_FE, LIQUIDITY

)

SELECT

A.MSGTYPE\_DETAIL,

/\* SETT\_DATE \*/

CASE

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE ~ TRUNC(Edit\_Date) \*/

CASE

WHEN A.Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(A.Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(A.Edit\_Date)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

A.RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN A.Pcode2 = 890000 THEN 'QRPAY'

WHEN A.Pcode2 = 720000 THEN 'E-Wallet'

WHEN A.Pcode2 = 730000 THEN 'EFT'

WHEN A.Pcode IN ('43') AND A.Pcode2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN A.Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

/\* PCODE (rút gọn 2 ký tự + PCODE2 khi thuộc dải đặc biệt) \*/

CASE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

) THEN CONCAT(LPAD(CAST(A.PCODE AS CHAR),2,'0'), A.PCODE2)

ELSE LPAD(CAST(A.PCODE AS CHAR),2,'0')

END AS PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN A.Pcode2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCode2 = 890000 THEN 'QRC'

WHEN A.PCode2 = 720000 THEN 'CAOT'

WHEN A.PCode2 = 730000 THEN 'EFTC'

WHEN A.PCode2 = 810000 THEN 'CA5'

WHEN A.PCode2 = 820000 THEN 'CA4'

WHEN A.PCode2 = 830000 THEN 'CA2'

WHEN A.PCode2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCode2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCode2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCode2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCode2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCode2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCode2 = 860000 THEN 'CA1'

WHEN A.PCode2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.merchant\_type = 6011 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN A.merchant\_type = 6013 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN A.merchant\_type = 6014 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN A.merchant\_type = 6015 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'ACQ-ISS' AS GROUP\_ROLE,

/\* BANK\_ID là ACQUIRER\_RP cho step ACQ-ISS \*/

A.ACQUIRER\_RP AS BANK\_ID,

/\* WITH\_BANK (thay GET\_BCCARD\_ID() -> :bccard\_id) \*/

CASE

WHEN A.ISSUER\_RP IN (220699, 602907, 605609, :bccard\_id, 600005, 600006, 600007) THEN A.ISSUER\_RP

WHEN A.PCode2 IN (810000, 820000, 830000, 860000, 870000) THEN 999999

ELSE 0

END AS WITH\_BANK,

/\* Số liệu \*/

0 AS DB\_TOTAL\_TRAN,

0 AS DB\_AMOUNT,

SUM(

CASE

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.FEE\_IRF\_ISS > 0 THEN A.FEE\_IRF\_ISS

WHEN A.FEE\_IRF\_ACQ < 0 THEN -A.FEE\_IRF\_ACQ

ELSE 0

END

) AS DB\_IR\_FEE,

0 AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

SUM(CASE WHEN A.Pcode IN ('41','42','43','48','91') THEN 0 ELSE 1 END) AS CD\_TOTAL\_TRAN,

SUM(

CASE

WHEN A.Pcode IN ('00','01','20') THEN

CASE

WHEN A.PCODE = '20' AND A.Respcode IN (112,114) THEN -IFNULL(A.PREAMOUNT,0)

WHEN A.PCODE = '20' THEN -A.AMOUNT

WHEN A.Respcode IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT ELSE A.AMOUNT END

END

ELSE 0

END

) AS CD\_AMOUNT,

SUM(

CASE

WHEN A.Acquirer\_Rp = :bccard\_id AND A.Merchant\_Type = 6011 THEN -A.FEE\_IRF\_ISS

WHEN A.FEE\_IRF\_ACQ > 0 AND A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE <> 6011 THEN A.FEE\_IRF\_ACQ

WHEN A.FEE\_IRF\_ACQ > 0 AND A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE = 6011 THEN 0

WHEN A.FEE\_IRF\_ACQ > 0 THEN A.FEE\_IRF\_ACQ

ELSE 0

END

) AS CD\_IR\_FEE,

-SUM(A.FEE\_SVF\_ACQ) AS CD\_SV\_FEE,

0 AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

0 AS ADJ\_FEE,

/\* NP\_ADJ\_FEE \*/

SUM(CASE WHEN A.FEE\_KEY = 'CFC85B5F-787B-437C-823F-79534D3B72BD' THEN A.FEE\_IRF\_ACQ ELSE 0 END) AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE \*/

CASE

WHEN A.Pcode IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.Pcode = 0 AND A.Merchant\_type\_orig IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542) THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

/\* BC\_NP\_ADJ \*/

-SUM(

CASE

WHEN A.Acquirer\_Rp = :bccard\_id AND A.Merchant\_Type = 6011 THEN A.FEE\_IRF\_ISS

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.FEE\_IRF\_ISS > 0 AND A.Merchant\_Type <> 6011 THEN A.FEE\_IRF\_ISS

ELSE 0

END

) AS BC\_NP\_ADJ,

/\* BC\_NP\_SUM \*/

SUM(

CASE

WHEN A.Acquirer\_Rp = :bccard\_id AND A.Merchant\_Type = 6011 THEN -A.FEE\_IRF\_ISS

WHEN A.Acquirer\_Rp = :bccard\_id AND A.Merchant\_Type <> 6011 THEN -A.FEE\_IRF\_ISS

ELSE 0

END

) AS BC\_NP\_SUM,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* PART\_FE \*/

CASE

WHEN A.Msgtype = 430 AND A.Respcode = 114 THEN 1

WHEN A.Msgtype = 210 AND A.Respcode IN (112,114) AND A.Is\_part\_rev = 430 THEN 1

ELSE 0

END AS PART\_FE,

/\* LIQUIDITY: không có trong B/C/D ⇒ 'Y' \*/

CASE WHEN MAX(B.bank\_id) IS NULL

AND MAX(C.bank\_id) IS NULL

AND MAX(D.bank\_id) IS NULL

THEN 'Y' ELSE 'N' END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT A

LEFT JOIN GET\_LIQUIDITY\_BANK B ON A.ISSUER\_RP = B.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK C ON A.ACQUIRER\_RP = C.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK D ON A.BB\_BIN = D.bank\_id

WHERE

(

(A.Respcode = 0 AND A.Isrev IS NULL)

OR A.Respcode IN (110,112,113,114,115)

)

AND A.Fee\_Note IS NOT NULL

AND (

(A.PCODE2 IS NULL AND A.Pcode IN ('00','01','30','35','40','41','42','43','48','94','03','20'))

OR

(A.PCODE2 IS NOT NULL AND A.Pcode IN ('00','01','30','35','40','41','42','43','48','94','91','03','20'))

)

GROUP BY

A.MSGTYPE\_DETAIL,

CASE

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.Respcode = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END,

CASE

WHEN A.Respcode = 0 THEN NULL

ELSE CASE WHEN DATE(A.Edit\_Date) < :sett\_from THEN :sett\_from ELSE DATE(A.Edit\_Date) END

END,

CASE WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840 WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418 ELSE 704 END,

A.RESPCODE,

CASE

WHEN A.Pcode2 = 890000 THEN 'QRPAY'

WHEN A.Pcode2 = 720000 THEN 'E-Wallet'

WHEN A.Pcode2 = 730000 THEN 'EFT'

WHEN A.Pcode IN ('43') AND A.Pcode2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN A.Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

CASE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

) THEN CONCAT(LPAD(CAST(A.PCODE AS CHAR),2,'0'), A.PCODE2)

ELSE LPAD(CAST(A.PCODE AS CHAR),2,'0')

END,

CASE

WHEN A.Pcode2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCode2 = 890000 THEN 'QRC'

WHEN A.PCode2 = 720000 THEN 'CAOT'

WHEN A.PCode2 = 730000 THEN 'EFTC'

WHEN A.PCode2 = 810000 THEN 'CA5'

WHEN A.PCode2 = 820000 THEN 'CA4'

WHEN A.PCode2 = 830000 THEN 'CA2'

WHEN A.PCode2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCode2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCode2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCode2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCode2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCode2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCode2 = 860000 THEN 'CA1'

WHEN A.PCode2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.merchant\_type = 6011 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN A.merchant\_type = 6013 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN A.merchant\_type = 6014 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN A.merchant\_type = 6015 AND A.Pcode NOT IN ('41','42','48','91') AND (A.Pcode2 IS NULL OR IFNULL(A.FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

A.ACQUIRER\_RP,

CASE

WHEN A.ISSUER\_RP IN (220699, 602907, 605609, :bccard\_id, 600005, 600006, 600007) THEN A.ISSUER\_RP

WHEN A.PCode2 IN (810000, 820000, 830000, 860000, 870000) THEN 999999

ELSE 0

END,

CASE

WHEN A.Pcode IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.Pcode = 0 AND A.Merchant\_type\_orig IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542) THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END,

CASE

WHEN A.Msgtype = 430 AND A.Respcode = 114 THEN 1

WHEN A.Msgtype = 210 AND A.Respcode IN (112,114) AND A.Is\_part\_rev = 430 THEN 1

ELSE 0

END;

""";

**Step 7 – Câu lệnh**

/\*step 7 ISS-BEN \*/

INSERT INTO TCKT\_NAPAS\_IBFT (

SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN, PCODE, TRAN\_TYPE,

SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK, DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE,

DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY, CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, FEE\_TYPE, LIQUIDITY

)

SELECT

/\* SETT\_DATE \*/

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE \*/

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN PCODE2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN PCode2 = 890000 THEN 'QRC'

WHEN PCode2 = 720000 THEN 'CAOT'

WHEN PCode2 = 730000 THEN 'EFTC'

WHEN PCode2 = 810000 THEN 'CA5'

WHEN PCode2 = 820000 THEN 'CA4'

WHEN PCode2 = 830000 THEN 'CA2'

WHEN PCode2 = 840000 THEN 'SSP\_ON'

WHEN PCode2 = 850000 THEN 'SSP\_OFF'

WHEN PCode2 = 860000 THEN 'CA1'

WHEN PCode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'ISS-BEN' AS GROUP\_ROLE,

ISSUER\_RP AS BANK\_ID,

/\* WITH\_BANK – Cách B: NOT EXISTS (thay GET\_QRC\_WITH(BB\_BIN)) \*/

CASE

WHEN PCode2 = 920000 THEN 764000

WHEN Pcode2 IN (720000,730000,890000) THEN

CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.BB\_BIN)

THEN A.BB\_BIN

ELSE 0

END

ELSE 0

END AS WITH\_BANK,

/\* DB\_TOTAL\_TRAN \*/

SUM(CASE WHEN Pcode IN ('41','43','48') THEN 0 ELSE 1 END) AS DB\_TOTAL\_TRAN,

/\* DB\_AMOUNT \*/

SUM(

CASE

WHEN Respcode IN (112,114) THEN IFNULL(PREAMOUNT,0)

ELSE CASE

WHEN ACQ\_CURRENCY\_CODE IN (418,764) THEN SETTLEMENT\_AMOUNT

ELSE AMOUNT

END END

) AS DB\_AMOUNT,

/\* DB\_IR\_FEE \*/

SUM(

CASE

WHEN (CASE WHEN Pcode IN ('41','42','43','48','91') THEN 0 ELSE FEE\_IRF\_ISS END) < 0

THEN -(CASE WHEN Pcode IN ('41','42','43','48','91') THEN 0 ELSE FEE\_IRF\_ISS END)

ELSE 0

END

) AS DB\_IR\_FEE,

/\* DB\_SV\_FEE \*/

-SUM(CASE WHEN Pcode IN ('41','43','48') THEN 0 ELSE FEE\_SVF\_ISS END) AS DB\_SV\_FEE,

/\* zeros \*/

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

0 AS CD\_TOTAL\_TRAN,

0 AS CD\_AMOUNT,

/\* CD\_IR\_FEE, CD\_SV\_FEE \*/

SUM(CASE WHEN FEE\_IRF\_ISS > 0 THEN FEE\_IRF\_ISS ELSE 0 END) AS CD\_IR\_FEE,

SUM(CASE WHEN FEE\_SVF\_ISS < 0 THEN 0 ELSE FEE\_SVF\_ISS END) AS CD\_SV\_FEE,

0 AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

0 AS ADJ\_FEE,

0 AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE \*/

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* LIQUIDITY – dùng view GET\_LIQUIDITY\_BANK(bank\_id) \*/

CASE

WHEN MAX(b.bank\_id) IS NULL AND MAX(c.bank\_id) IS NULL AND MAX(d.bank\_id) IS NULL THEN 'Y'

ELSE 'N'

END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT A

LEFT JOIN GET\_LIQUIDITY\_BANK b ON A.ISSUER\_RP = b.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK c ON A.ACQUIRER\_RP = c.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK d ON A.BB\_BIN = d.bank\_id

WHERE

(

(Respcode = 0 AND Isrev IS NULL)

OR Respcode IN (110,112,113,114,115)

)

AND Fee\_Note IS NOT NULL

AND Msgtype = 210

AND Pcode IN ('41','42','43','48','91')

GROUP BY

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END,

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END,

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END,

RESPCODE,

CASE

WHEN Pcode2 = 920000 THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN PCODE2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

PCODE,

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN PCode2 = 890000 THEN 'QRC'

WHEN PCode2 = 720000 THEN 'CAOT'

WHEN PCode2 = 730000 THEN 'EFTC'

WHEN PCode2 = 810000 THEN 'CA5'

WHEN PCode2 = 820000 THEN 'CA4'

WHEN PCode2 = 830000 THEN 'CA2'

WHEN PCode2 = 840000 THEN 'SSP\_ON'

WHEN PCode2 = 850000 THEN 'SSP\_OFF'

WHEN PCode2 = 860000 THEN 'CA1'

WHEN PCode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

ISSUER\_RP,

/\* WITH\_BANK lặp lại đúng biểu thức NOT EXISTS \*/

CASE

WHEN PCode2 = 920000 THEN 764000

WHEN Pcode2 IN (720000,730000,890000) THEN

CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.BB\_BIN)

THEN A.BB\_BIN

ELSE 0

END

ELSE 0

END,

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END;

""";

**Step 8 – Câu lệnh**

/\*step 8 BEN-ISS \*/

INSERT INTO TCKT\_NAPAS\_IBFT (

SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN, PCODE, TRAN\_TYPE,

SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK, DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE,

DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY, CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, FEE\_TYPE, LIQUIDITY

)

SELECT

/\* SETT\_DATE \*/

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE \*/

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN PCODE2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN PCode2 = 890000 THEN 'QRC'

WHEN PCode2 = 720000 THEN 'CAOT'

WHEN PCode2 = 730000 THEN 'EFTC'

WHEN PCode2 = 810000 THEN 'CA5'

WHEN PCode2 = 820000 THEN 'CA4'

WHEN PCode2 = 830000 THEN 'CA2'

WHEN PCode2 = 840000 THEN 'SSP\_ON'

WHEN PCode2 = 850000 THEN 'SSP\_OFF'

WHEN PCode2 = 860000 THEN 'CA1'

WHEN PCode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'BEN-ISS' AS GROUP\_ROLE,

/\* BANK\_ID \*/

BB\_BIN AS BANK\_ID,

/\* WITH\_BANK – Cách B: NOT EXISTS (thay GET\_QRC\_WITH(Issuer\_Rp)) \*/

CASE

WHEN PCode2 = 920000 THEN 764000

WHEN ISSUER\_RP IN (605609) THEN ISSUER\_RP

WHEN Pcode2 IN (720000,730000,890000) THEN

CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.ISSUER\_RP)

THEN A.ISSUER\_RP

ELSE 0

END

ELSE 0

END AS WITH\_BANK,

/\* DB\_\* đều 0 ở step này \*/

0 AS DB\_TOTAL\_TRAN,

0 AS DB\_AMOUNT,

SUM(CASE WHEN FEE\_IRF\_BEN < 0 THEN -FEE\_IRF\_BEN ELSE 0 END) AS DB\_IR\_FEE,

0 AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

/\* CD\_\* \*/

COUNT(\*) AS CD\_TOTAL\_TRAN,

SUM(

CASE

WHEN Respcode IN (112,114) THEN IFNULL(PREAMOUNT,0)

ELSE AMOUNT

END

) AS CD\_AMOUNT,

SUM(

CASE

WHEN Pcode = '48' THEN 0

ELSE CASE WHEN FEE\_IRF\_BEN > 0 THEN FEE\_IRF\_BEN ELSE 0 END

END

) AS CD\_IR\_FEE,

-SUM(FEE\_SVF\_BEN) AS CD\_SV\_FEE,

0 AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

0 AS ADJ\_FEE,

0 AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE \*/

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* LIQUIDITY \*/

CASE

WHEN MAX(b.bank\_id) IS NULL AND MAX(c.bank\_id) IS NULL AND MAX(d.bank\_id) IS NULL THEN 'Y'

ELSE 'N'

END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT A

LEFT JOIN GET\_LIQUIDITY\_BANK b ON A.ISSUER\_RP = b.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK c ON A.ACQUIRER\_RP = c.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK d ON A.BB\_BIN = d.bank\_id

WHERE

(

(Respcode = 0 AND Isrev IS NULL)

OR Respcode IN (110,112,113,114,115)

)

AND Fee\_Note IS NOT NULL

AND Msgtype = 210

AND Pcode IN ('41','42','43','48','91')

GROUP BY

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END,

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END,

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END,

RESPCODE,

CASE

WHEN Pcode2 = 920000 THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN PCODE2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

PCODE,

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN PCode2 = 890000 THEN 'QRC'

WHEN PCode2 = 720000 THEN 'CAOT'

WHEN PCode2 = 730000 THEN 'EFTC'

WHEN PCode2 = 810000 THEN 'CA5'

WHEN PCode2 = 820000 THEN 'CA4'

WHEN PCode2 = 830000 THEN 'CA2'

WHEN PCode2 = 840000 THEN 'SSP\_ON'

WHEN PCode2 = 850000 THEN 'SSP\_OFF'

WHEN PCode2 = 860000 THEN 'CA1'

WHEN PCode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

BB\_BIN,

/\* WITH\_BANK (NOT EXISTS) \*/

CASE

WHEN PCode2 = 920000 THEN 764000

WHEN ISSUER\_RP IN (605609) THEN ISSUER\_RP

WHEN Pcode2 IN (720000,730000,890000) THEN

CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.ISSUER\_RP)

THEN A.ISSUER\_RP

ELSE 0

END

ELSE 0

END,

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END;

**Step 9 – Câu lệnh**

/\* STEP 9: ISS-ACQ (TiDB/MySQL) \*/

INSERT INTO TCKT\_NAPAS\_IBFT(

MSGTYPE\_DETAIL, SUB\_BANK, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE,

GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, BC\_NP\_SUM, BC\_CL\_ADJ,

STEP, FEE\_TYPE, PART\_FE, LIQUIDITY

)

SELECT

A.MSGTYPE\_DETAIL,

CASE

WHEN A.ISSUER\_RP = 970426 AND SUBSTRING(TRIM(A.PAN),1,8) = '97046416' THEN 970464

ELSE NULL

END AS SUB\_BANK,

CASE

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

CASE

WHEN A.RESPCODE = 0 THEN NULL

ELSE CASE

WHEN DATE(A.EDIT\_DATE) < :sett\_from THEN :sett\_from

ELSE DATE(A.EDIT\_DATE)

END

END AS EDIT\_DATE,

CASE

WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

A.RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN A.PCODE2 = 890000 THEN 'QRPAY'

WHEN A.PCODE2 = 720000 THEN 'E-Wallet'

WHEN A.PCODE2 = 730000 THEN 'EFT'

WHEN A.PCODE IN ('43') AND A.PCODE2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','42','48','91') THEN 'IBFT'

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

/\* PCODE out \*/

CASE

WHEN A.ISSUER\_RP = 602907

THEN IFNULL(A.PCODE\_ORIG, SUBSTRING(LPAD(CAST(A.PCODE AS CHAR),2,'0'),1,2))

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

)

THEN CONCAT(A.PCODE, A.PCODE2)

ELSE A.PCODE

END AS PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN A.PCODE2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCODE2 = 890000 THEN 'QRC'

WHEN A.PCODE2 = 720000 THEN 'CAOT'

WHEN A.PCODE2 = 730000 THEN 'EFTC'

WHEN A.PCODE2 = 810000 THEN 'CA5'

WHEN A.PCODE2 = 820000 THEN 'CA4'

WHEN A.PCODE2 = 830000 THEN 'CA2'

WHEN A.PCODE2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCODE2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCODE2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCODE2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCODE2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCODE2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCODE2 = 860000 THEN 'CA1'

WHEN A.PCODE2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.MERCHANT\_TYPE = 6011 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'ATM'

WHEN A.MERCHANT\_TYPE = 6013 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'SMS'

WHEN A.MERCHANT\_TYPE = 6014 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'INT'

WHEN A.MERCHANT\_TYPE = 6015 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST')='IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'ISS-ACQ' AS GROUP\_ROLE,

A.ISSUER\_RP AS BANK\_ID,

/\* WITH\_BANK dùng :bccard\_id + NOT EXISTS TGTT\_CONFIG \*/

CASE

WHEN A.ACQUIRER\_RP IN (220699,602907,605609,:bccard\_id) THEN A.ACQUIRER\_RP

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 999999

ELSE CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.ISSUER\_RP)

THEN A.ISSUER\_RP

ELSE 0

END

END AS WITH\_BANK,

/\* --- DB/CD & FEE AGGs --- \*/

SUM(CASE WHEN A.PCODE IN ('42','91') THEN 0 ELSE 1 END) AS DB\_TOTAL\_TRAN,

SUM(

CASE

WHEN A.PCODE IN ('00','01','40','20') THEN

CASE

WHEN A.PCODE = '20' AND A.RESPCODE IN (112,114) THEN IFNULL(A.PREAMOUNT,0) \* -1

WHEN A.PCODE = '20' THEN -A.AMOUNT

WHEN A.RESPCODE IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT

ELSE A.AMOUNT

END

END

ELSE 0

END

) AS DB\_AMOUNT,

SUM(CASE WHEN A.FEE\_IRF\_ISS < 0 THEN -A.FEE\_IRF\_ISS ELSE 0 END) AS DB\_IR\_FEE,

-SUM(CASE WHEN A.PCODE IN ('42','91') THEN 0 ELSE A.FEE\_SVF\_ISS END) AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

0 AS CD\_TOTAL\_TRAN,

SUM(

CASE

WHEN A.PCODE IN ('40') THEN

CASE

WHEN A.RESPCODE IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT

ELSE A.AMOUNT

END

END

ELSE 0

END

) AS CD\_AMOUNT,

SUM(

CASE

WHEN A.FEE\_IRF\_ISS > 0 AND IFNULL(A.PCODE2,0) NOT IN (890000,720000) THEN A.FEE\_IRF\_ISS

ELSE 0

END

) AS CD\_IR\_FEE,

SUM(CASE WHEN A.FEE\_SVF\_ISS < 0 THEN 0 ELSE A.FEE\_SVF\_ISS END) AS CD\_SV\_FEE,

SUM(

CASE

WHEN A.PCODE IN ('40') THEN

CASE

WHEN A.RESPCODE IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT

ELSE A.AMOUNT

END

END

ELSE 0

END

) AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

/\* ADJ\_FEE \*/

SUM(

CASE

WHEN A.ACQUIRER = 220699 AND A.MERCHANT\_TYPE = 6011 AND A.PCODE IN ('01','30') THEN A.FEE\_IRF\_ACQ

WHEN A.ISSUER = 220699 AND A.MERCHANT\_TYPE = 6011 AND A.PCODE IN ('01','30') THEN A.FEE\_IRF\_ACQ

ELSE 0

END

) AS ADJ\_FEE,

0 AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE out \*/

CASE

WHEN A.PCODE IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.PCODE = 0 AND A.MERCHANT\_TYPE\_ORIG IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542)

THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

/\* BC\_NP\_SUM & BC\_CL\_ADJ \*/

SUM(

CASE

WHEN A.ISSUER\_RP = 600005 AND A.MERCHANT\_TYPE = 6011 THEN A.FEE\_IRF\_ISS

WHEN A.ISSUER\_RP = 600005 AND A.MERCHANT\_TYPE = 6012 THEN A.FEE\_IRF\_ISS

WHEN A.ISSUER\_RP = 600006 AND A.MERCHANT\_TYPE = 6012 THEN A.FEE\_IRF\_ISS

WHEN A.ISSUER\_RP = 600007 THEN A.FEE\_IRF\_ISS

ELSE 0

END

) AS BC\_NP\_SUM,

SUM(CASE WHEN A.ISSUER\_RP IN (600005,600007) THEN A.FEE\_IRF\_ISS ELSE 0 END) AS BC\_CL\_ADJ,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* PART\_FE \*/

CASE

WHEN A.MSGTYPE = 430 AND A.RESPCODE = 114 THEN 1

WHEN A.MSGTYPE = 210 AND A.RESPCODE IN (112,114) AND A.IS\_PART\_REV = 430 THEN 1

ELSE 0

END AS PART\_FE,

/\* LIQUIDITY: có trong 3 join hay không \*/

CASE

WHEN MAX(b.bank\_id) IS NULL AND MAX(c.bank\_id) IS NULL AND MAX(d.bank\_id) IS NULL THEN 'Y'

ELSE 'N'

END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT\_ADJUST A

LEFT JOIN GET\_LIQUIDITY\_BANK b ON A.ISSUER\_RP = b.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK c ON A.ACQUIRER\_RP = c.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK d ON A.BB\_BIN = d.bank\_id

WHERE

(

(A.RESPCODE = 0 AND A.ISREV = 0)

OR A.RESPCODE IN (110,112,113,114,115)

)

AND A.FEE\_NOTE IS NOT NULL

AND (

(A.PCODE2 IS NULL AND A.PCODE IN ('00','01','30','35','40','41','42','43','48','94','03','20'))

OR

(A.PCODE2 IS NOT NULL AND A.PCODE IN ('00','01','30','35','40','41','42','43','48','94','91','03','20'))

)

GROUP BY

A.MSGTYPE\_DETAIL,

CASE WHEN A.ISSUER\_RP = 970426 AND SUBSTRING(TRIM(A.PAN),1,8) = '97046416' THEN 970464 ELSE NULL END,

CASE

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END,

CASE

WHEN A.RESPCODE = 0 THEN NULL

ELSE CASE

WHEN DATE(A.EDIT\_DATE) < :sett\_from THEN :sett\_from

ELSE DATE(A.EDIT\_DATE)

END

END,

CASE

WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END,

A.RESPCODE,

/\* GROUP BY cho GROUP\_TRAN \*/

CASE

WHEN A.PCODE2 = 890000 THEN 'QRPAY'

WHEN A.PCODE2 = 720000 THEN 'E-Wallet'

WHEN A.PCODE2 = 730000 THEN 'EFT'

WHEN A.PCODE IN ('43') AND A.PCODE2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','42','48','91') THEN 'IBFT'

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

/\* GROUP BY cho PCODE out \*/

CASE

WHEN A.ISSUER\_RP = 602907

THEN IFNULL(A.PCODE\_ORIG, SUBSTRING(LPAD(CAST(A.PCODE AS CHAR),2,'0'),1,2))

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

)

THEN CONCAT(A.PCODE, A.PCODE2)

ELSE A.PCODE

END,

/\* GROUP BY cho TRAN\_TYPE \*/

CASE

WHEN A.PCODE2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCODE2 = 890000 THEN 'QRC'

WHEN A.PCODE2 = 720000 THEN 'CAOT'

WHEN A.PCODE2 = 730000 THEN 'EFTC'

WHEN A.PCODE2 = 810000 THEN 'CA5'

WHEN A.PCODE2 = 820000 THEN 'CA4'

WHEN A.PCODE2 = 830000 THEN 'CA2'

WHEN A.PCODE2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCODE2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCODE2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCODE2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCODE2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCODE2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCODE2 = 860000 THEN 'CA1'

WHEN A.PCODE2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.MERCHANT\_TYPE = 6011 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'ATM'

WHEN A.MERCHANT\_TYPE = 6013 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'SMS'

WHEN A.MERCHANT\_TYPE = 6014 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'INT'

WHEN A.MERCHANT\_TYPE = 6015 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST')='IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

/\* BANK\_ID \*/

A.ISSUER\_RP,

/\* GROUP BY cho WITH\_BANK (cùng logic với SELECT) \*/

CASE

WHEN A.ACQUIRER\_RP IN (220699,602907,605609,:bccard\_id) THEN A.ACQUIRER\_RP

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 999999

ELSE CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.ISSUER\_RP)

THEN A.ISSUER\_RP

ELSE 0

END

END,

/\* GROUP BY cho MERCHANT\_TYPE out \*/

CASE

WHEN A.PCODE IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.PCODE = 0 AND A.MERCHANT\_TYPE\_ORIG IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542)

THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

/\* GROUP BY cho FEE\_TYPE (giống SELECT) \*/

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END,

/\* GROUP BY cho PART\_FE \*/

CASE

WHEN A.MSGTYPE = 430 AND A.RESPCODE = 114 THEN 1

WHEN A.MSGTYPE = 210 AND A.RESPCODE IN (112,114) AND A.IS\_PART\_REV = 430 THEN 1

ELSE 0

END

;

**Step 10 – Câu lệnh**

/\* STEP 10: ACQ-ISS (TiDB/MySQL) \*/

INSERT INTO TCKT\_NAPAS\_IBFT(

MSGTYPE\_DETAIL, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE,

GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, BC\_NP\_ADJ, BC\_NP\_SUM,

STEP, FEE\_TYPE, PART\_FE, LIQUIDITY

)

SELECT

A.MSGTYPE\_DETAIL,

/\* SETT\_DATE \*/

CASE

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE \*/

CASE

WHEN A.RESPCODE = 0 THEN NULL

ELSE CASE

WHEN DATE(A.EDIT\_DATE) < :sett\_from THEN :sett\_from

ELSE DATE(A.EDIT\_DATE)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

A.RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN A.PCODE2 = 890000 THEN 'QRPAY'

WHEN A.PCODE2 = 720000 THEN 'E-Wallet'

WHEN A.PCODE2 = 730000 THEN 'EFT'

WHEN A.PCODE IN ('43') AND A.PCODE2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','48','42','91') THEN 'IBFT'

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

/\* PCODE out \*/

CASE

WHEN A.ISSUER\_RP = 602907

THEN IFNULL(A.PCODE\_ORIG, SUBSTRING(LPAD(CAST(A.PCODE AS CHAR),2,'0'),1,2))

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

)

THEN CONCAT(A.PCODE, A.PCODE2)

ELSE A.PCODE

END AS PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN A.PCODE2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCODE2 = 890000 THEN 'QRC'

WHEN A.PCODE2 = 720000 THEN 'CAOT'

WHEN A.PCODE2 = 730000 THEN 'EFTC'

WHEN A.PCODE2 = 810000 THEN 'CA5'

WHEN A.PCODE2 = 820000 THEN 'CA4'

WHEN A.PCODE2 = 830000 THEN 'CA2'

WHEN A.PCODE2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCODE2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCODE2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCODE2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCODE2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCODE2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCODE2 = 860000 THEN 'CA1'

WHEN A.PCODE2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.MERCHANT\_TYPE = 6011 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'ATM'

WHEN A.MERCHANT\_TYPE = 6013 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'SMS'

WHEN A.MERCHANT\_TYPE = 6014 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'INT'

WHEN A.MERCHANT\_TYPE = 6015 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST')='IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'ACQ-ISS' AS GROUP\_ROLE,

/\* BANK\_ID \*/

A.ACQUIRER\_RP AS BANK\_ID,

/\* WITH\_BANK: dùng :bccard\_id + NOT EXISTS TGTT\_CONFIG \*/

CASE

WHEN A.ISSUER\_RP IN (220699,602907,605609,:bccard\_id,600005,600006,600007) THEN A.ISSUER\_RP

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 999999

ELSE CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.ISSUER\_RP)

THEN A.ISSUER\_RP

ELSE 0

END

END AS WITH\_BANK,

/\* Aggregations \*/

0 AS DB\_TOTAL\_TRAN,

0 AS DB\_AMOUNT,

/\* DB\_IR\_FEE \*/

SUM(

CASE

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.FEE\_IRF\_ISS > 0 THEN A.FEE\_IRF\_ISS

WHEN A.FEE\_IRF\_ACQ < 0 THEN -A.FEE\_IRF\_ACQ

ELSE 0

END

) AS DB\_IR\_FEE,

0 AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

/\* CD\_TOTAL\_TRAN \*/

SUM(

CASE

WHEN A.PCODE IN ('41','42','43','48','91') THEN 0

ELSE 1

END

) AS CD\_TOTAL\_TRAN,

/\* CD\_AMOUNT \*/

SUM(

CASE

WHEN A.PCODE IN ('00','01','20') THEN

CASE

WHEN A.PCODE = '20' AND A.RESPCODE IN (112,114) THEN IFNULL(A.PREAMOUNT,0) \* -1

WHEN A.PCODE = '20' THEN -A.AMOUNT

WHEN A.RESPCODE IN (112,114) THEN IFNULL(A.PREAMOUNT,0)

ELSE CASE

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN A.SETTLEMENT\_AMOUNT

ELSE A.AMOUNT

END

END

ELSE 0

END

) AS CD\_AMOUNT,

/\* CD\_IR\_FEE \*/

SUM(

CASE

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE = 6011 THEN -A.FEE\_IRF\_ISS

WHEN A.FEE\_IRF\_ACQ > 0 AND A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE <> 6011 THEN A.FEE\_IRF\_ACQ

WHEN A.FEE\_IRF\_ACQ > 0 AND A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE = 6011 THEN 0

WHEN A.FEE\_IRF\_ACQ > 0 THEN A.FEE\_IRF\_ACQ

ELSE 0

END

) AS CD\_IR\_FEE,

/\* CD\_SV\_FEE \*/

-SUM(A.FEE\_SVF\_ACQ) AS CD\_SV\_FEE,

0 AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

0 AS ADJ\_FEE,

/\* NP\_ADJ\_FEE \*/

SUM(

CASE

WHEN A.FEE\_KEY = 'CFC85B5F-787B-437C-823F-79534D3B72BD' THEN A.FEE\_IRF\_ACQ

ELSE 0

END

) AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE out \*/

CASE

WHEN A.PCODE IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.PCODE = 0 AND A.MERCHANT\_TYPE\_ORIG IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542)

THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

/\* BC\_NP\_ADJ \*/

-SUM(

CASE

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE = 6011 THEN A.FEE\_IRF\_ISS

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.FEE\_IRF\_ISS > 0 AND A.MERCHANT\_TYPE <> 6011 THEN A.FEE\_IRF\_ISS

ELSE 0

END

) AS BC\_NP\_ADJ,

/\* BC\_NP\_SUM \*/

SUM(

CASE

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE = 6011 THEN -A.FEE\_IRF\_ISS

WHEN A.ACQUIRER\_RP = :bccard\_id AND A.MERCHANT\_TYPE <> 6011 THEN -A.FEE\_IRF\_ISS

ELSE 0

END

) AS BC\_NP\_SUM,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* PART\_FE \*/

CASE

WHEN A.MSGTYPE = 430 AND A.RESPCODE = 114 THEN 1

WHEN A.MSGTYPE = 210 AND A.RESPCODE IN (112,114) AND A.IS\_PART\_REV = 430 THEN 1

ELSE 0

END AS PART\_FE,

/\* LIQUIDITY: không thuộc bất kỳ danh sách thanh khoản nào \*/

CASE

WHEN MAX(b.bank\_id) IS NULL AND MAX(c.bank\_id) IS NULL AND MAX(d.bank\_id) IS NULL THEN 'Y'

ELSE 'N'

END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT\_ADJUST A

LEFT JOIN GET\_LIQUIDITY\_BANK b ON A.ISSUER\_RP = b.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK c ON A.ACQUIRER\_RP = c.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK d ON A.BB\_BIN = d.bank\_id

WHERE

(

(A.RESPCODE = 0 AND A.ISREV = 0)

OR A.RESPCODE IN (110,112,113,114,115)

)

AND A.FEE\_NOTE IS NOT NULL

AND (

(A.PCODE2 IS NULL AND A.PCODE IN ('00','01','30','35','40','41','42','43','48','94','03','20'))

OR

(A.PCODE2 IS NOT NULL AND A.PCODE IN ('00','01','30','35','40','41','42','43','48','94','91','03','20'))

)

GROUP BY

A.MSGTYPE\_DETAIL,

CASE

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN A.RESPCODE = 0 AND A.SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN A.SETTLEMENT\_DATE

ELSE NULL

END,

CASE

WHEN A.RESPCODE = 0 THEN NULL

ELSE CASE

WHEN DATE(A.EDIT\_DATE) < :sett\_from THEN :sett\_from

ELSE DATE(A.EDIT\_DATE)

END

END,

CASE

WHEN A.ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN A.ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END,

A.RESPCODE,

/\* GROUP BY GROUP\_TRAN \*/

CASE

WHEN A.PCODE2 = 890000 THEN 'QRPAY'

WHEN A.PCODE2 = 720000 THEN 'E-Wallet'

WHEN A.PCODE2 = 730000 THEN 'EFT'

WHEN A.PCODE IN ('43') AND A.PCODE2 IS NULL THEN 'CBFT'

WHEN A.PCODE2 = 930000 THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') = 'IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','48','42','91') THEN 'IBFT'

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

/\* GROUP BY PCODE out \*/

CASE

WHEN A.ISSUER\_RP = 602907

THEN IFNULL(A.PCODE\_ORIG, SUBSTRING(LPAD(CAST(A.PCODE AS CHAR),2,'0'),1,2))

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967700,977700,987700,997700,

967800,977800,987800,997800,967900,977900,987900,997900,966100,976100,986100,996100,

966200,976200,986200,996200

)

THEN CONCAT(A.PCODE, A.PCODE2)

ELSE A.PCODE

END,

/\* GROUP BY TRAN\_TYPE \*/

CASE

WHEN A.PCODE2 IN (750000,967500,977500,987500,997500,760000,967600,977600,987600,997600,770000,967700,977700,987700,997700) THEN 'TRANSIT'

WHEN A.PCODE2 = 890000 THEN 'QRC'

WHEN A.PCODE2 = 720000 THEN 'CAOT'

WHEN A.PCODE2 = 730000 THEN 'EFTC'

WHEN A.PCODE2 = 810000 THEN 'CA5'

WHEN A.PCODE2 = 820000 THEN 'CA4'

WHEN A.PCODE2 = 830000 THEN 'CA2'

WHEN A.PCODE2 IN (840000,968400,978400,988400,998400) THEN 'SSP\_ON'

WHEN A.PCODE2 IN (850000,968500,978500,988500,998500) THEN 'SSP\_OFF'

WHEN A.PCODE2 IN (780000,967800,977800,987800,997800) THEN 'BP\_ON'

WHEN A.PCODE2 IN (790000,967900,979500,988500,997900) THEN 'BP\_OFF'

WHEN A.PCODE2 IN (610000,966100,976100,986100,996100) THEN 'APPLEPAY\_ON'

WHEN A.PCODE2 IN (620000,966200,976200,986200,996200) THEN 'APPLEPAY\_OFF'

WHEN A.PCODE2 = 860000 THEN 'CA1'

WHEN A.PCODE2 = 870000 THEN 'CA3'

WHEN A.PCODE2 = 930000 THEN 'QR\_IBFT'

WHEN A.PCODE2 = 950000 THEN 'Mobile IBFT'

WHEN A.MERCHANT\_TYPE = 6011 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'ATM'

WHEN A.MERCHANT\_TYPE = 6013 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'SMS'

WHEN A.MERCHANT\_TYPE = 6014 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'INT'

WHEN A.MERCHANT\_TYPE = 6015 AND A.PCODE NOT IN ('41','42','48','91') AND (A.PCODE2 IS NULL OR IFNULL(A.FROM\_SYS,'IST')='IST') THEN 'MOB'

WHEN IFNULL(A.FROM\_SYS,'IST')='IST|IBT' AND A.TRAN\_CASE IN ('C3|72','72|C3') THEN 'IBFT khác'

WHEN IFNULL(A.FROM\_SYS,'IST') IN ('IST','IBT') AND A.PCODE IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

/\* BANK\_ID \*/

A.ACQUIRER\_RP,

/\* GROUP BY WITH\_BANK \*/

CASE

WHEN A.ISSUER\_RP IN (220699,602907,605609,:bccard\_id,600005,600006,600007) THEN A.ISSUER\_RP

WHEN A.PCODE2 IN (810000,820000,830000,860000,870000) THEN 999999

ELSE CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.ISSUER\_RP)

THEN A.ISSUER\_RP

ELSE 0

END

END,

/\* GROUP BY MERCHANT\_TYPE out \*/

CASE

WHEN A.PCODE IN ('41','42','48','91') THEN A.MERCHANT\_TYPE

WHEN A.PCODE2 IN (

960000,970000,980000,990000,967500,977500,967600,977600,968400,978400,968500,978500,

987500,997500,987600,997600,988400,998400,988500,998500,967800,977800,987800,997800,

967900,977900,987900,997900,966100,976100,986100,996100,966200,976200,986200,996200

) THEN A.MERCHANT\_TYPE\_ORIG

WHEN A.PCODE = 0 AND A.MERCHANT\_TYPE\_ORIG IN (4111,4131,5172,9211,9222,9223,9311,9399,8398,7523,7524,5541,5542)

THEN A.MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

/\* GROUP BY FEE\_TYPE (giống SELECT) \*/

CASE

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 950000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN A.PCODE2 = 930000 AND A.ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN A.PCODE2 IN (910000,930000,950000) AND A.ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN A.PCODE2 = 910000 AND A.ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END,

/\* GROUP BY PART\_FE \*/

CASE

WHEN A.MSGTYPE = 430 AND A.RESPCODE = 114 THEN 1

WHEN A.MSGTYPE = 210 AND A.RESPCODE IN (112,114) AND A.IS\_PART\_REV = 430 THEN 1

ELSE 0

END

;

""";

**Step 11 – Câu lệnh**

-- STEP 11: ISS-BEN (TiDB)

INSERT INTO TCKT\_NAPAS\_IBFT(

SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN, PCODE, TRAN\_TYPE,

SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, FEE\_TYPE, LIQUIDITY

)

SELECT

/\* SETT\_DATE \*/

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE \*/

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN Pcode2 IN (920000) THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN Pcode2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN Pcode2 = 890000 THEN 'QRC'

WHEN Pcode2 = 720000 THEN 'CAOT'

WHEN Pcode2 = 730000 THEN 'EFTC'

WHEN Pcode2 = 810000 THEN 'CA5'

WHEN Pcode2 = 820000 THEN 'CA4'

WHEN Pcode2 = 830000 THEN 'CA2'

WHEN Pcode2 = 840000 THEN 'SSP\_ON'

WHEN Pcode2 = 850000 THEN 'SSP\_OFF'

WHEN Pcode2 = 860000 THEN 'CA1'

WHEN Pcode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN Pcode2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'ISS-BEN' AS GROUP\_ROLE,

ISSUER\_RP AS BANK\_ID,

/\* WITH\_BANK: thay GET\_QRC\_WITH(BB\_BIN) \*/

CASE

WHEN Pcode2 = 920000 THEN 764000

WHEN Pcode2 IN (720000,730000,890000)

THEN CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.BB\_BIN)

THEN A.BB\_BIN ELSE 0

END

ELSE 0

END AS WITH\_BANK,

/\* DB\_TOTAL\_TRAN \*/

SUM(CASE WHEN Pcode IN ('41','43','48') THEN 0 ELSE 1 END) AS DB\_TOTAL\_TRAN,

/\* DB\_AMOUNT \*/

SUM(

CASE

WHEN Respcode IN (112,114) THEN COALESCE(PREAMOUNT,0)

ELSE CASE

WHEN ACQ\_CURRENCY\_CODE = 418 THEN SETTLEMENT\_AMOUNT

WHEN ACQ\_CURRENCY\_CODE = 764 THEN SETTLEMENT\_AMOUNT

ELSE AMOUNT

END

END

) AS DB\_AMOUNT,

/\* DB\_IR\_FEE: lấy phần âm \*/

SUM(

CASE

WHEN (CASE WHEN Pcode IN ('41','42','43','48','91') THEN 0 ELSE FEE\_IRF\_ISS END) < 0

THEN - (CASE WHEN Pcode IN ('41','42','43','48','91') THEN 0 ELSE FEE\_IRF\_ISS END)

ELSE 0

END

) AS DB\_IR\_FEE,

/\* DB\_SV\_FEE \*/

-SUM(CASE WHEN Pcode IN ('41','43','48') THEN 0 ELSE FEE\_SVF\_ISS END) AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

0 AS CD\_TOTAL\_TRAN,

0 AS CD\_AMOUNT,

/\* CD\_IR\_FEE / CD\_SV\_FEE: phần dương \*/

SUM(CASE WHEN FEE\_IRF\_ISS > 0 THEN FEE\_IRF\_ISS ELSE 0 END) AS CD\_IR\_FEE,

SUM(CASE WHEN FEE\_SVF\_ISS < 0 THEN 0 ELSE FEE\_SVF\_ISS END) AS CD\_SV\_FEE,

0 AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

0 AS ADJ\_FEE,

0 AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE \*/

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* LIQUIDITY: join view GET\_LIQUIDITY\_BANK, dùng MAX() cho SELECT có GROUP BY \*/

CASE

WHEN MAX(B.bank\_id) IS NULL AND MAX(C.bank\_id) IS NULL AND MAX(D.bank\_id) IS NULL THEN 'Y'

ELSE 'N'

END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT\_ADJUST A

LEFT JOIN GET\_LIQUIDITY\_BANK B ON A.ISSUER\_RP = B.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK C ON A.ACQUIRER\_RP = C.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK D ON A.BB\_BIN = D.bank\_id

WHERE

( (Respcode = 0 AND Isrev = 0) OR Respcode IN (110,112,113,114,115) )

AND Fee\_Note IS NOT NULL

AND Msgtype = 210

AND Pcode IN ('41','42','43','48','91')

GROUP BY

/\* SETT\_DATE \*/

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END,

/\* EDIT\_DATE \*/

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END,

RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN Pcode2 IN (920000) THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN Pcode2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN Pcode2 = 890000 THEN 'QRC'

WHEN Pcode2 = 720000 THEN 'CAOT'

WHEN Pcode2 = 730000 THEN 'EFTC'

WHEN Pcode2 = 810000 THEN 'CA5'

WHEN Pcode2 = 820000 THEN 'CA4'

WHEN Pcode2 = 830000 THEN 'CA2'

WHEN Pcode2 = 840000 THEN 'SSP\_ON'

WHEN Pcode2 = 850000 THEN 'SSP\_OFF'

WHEN Pcode2 = 860000 THEN 'CA1'

WHEN Pcode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN Pcode2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

ISSUER\_RP,

/\* WITH\_BANK (group-by key) \*/

CASE

WHEN Pcode2 = 920000 THEN 764000

WHEN Pcode2 IN (720000,730000,890000)

THEN CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.BB\_BIN)

THEN A.BB\_BIN ELSE 0

END

ELSE 0

END,

/\* MERCHANT\_TYPE (group-by key) \*/

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

/\* FEE\_TYPE (group-by key) \*/

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END;

**Step 12 – Câu lệnh**

-- STEP 12: BEN-ISS (TiDB/MySQL)

INSERT INTO TCKT\_NAPAS\_IBFT(

SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN, PCODE, TRAN\_TYPE,

SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, FEE\_TYPE, LIQUIDITY

)

SELECT

/\* SETT\_DATE \*/

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END AS SETT\_DATE,

/\* EDIT\_DATE \*/

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END AS EDIT\_DATE,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END AS SETTLEMENT\_CURRENCY,

RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN Pcode2 IN (920000) THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN Pcode2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END AS GROUP\_TRAN,

PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN Pcode2 = 890000 THEN 'QRC'

WHEN Pcode2 = 720000 THEN 'CAOT'

WHEN Pcode2 = 730000 THEN 'EFTC'

WHEN Pcode2 = 810000 THEN 'CA5'

WHEN Pcode2 = 820000 THEN 'CA4'

WHEN Pcode2 = 830000 THEN 'CA2'

WHEN Pcode2 = 840000 THEN 'SSP\_ON'

WHEN Pcode2 = 850000 THEN 'SSP\_OFF'

WHEN Pcode2 = 860000 THEN 'CA1'

WHEN Pcode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN Pcode2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END AS TRAN\_TYPE,

'SWITCH' AS SERVICE\_CODE,

'BEN-ISS' AS GROUP\_ROLE,

BB\_BIN AS BANK\_ID,

/\* WITH\_BANK: thay GET\_QRC\_WITH(Issuer\_Rp) theo yêu cầu \*/

CASE

WHEN Pcode2 = 920000 THEN 764000

WHEN ISSUER\_RP IN (605609) THEN ISSUER\_RP

WHEN Pcode2 IN (720000,730000,890000)

THEN CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.BB\_BIN)

THEN A.BB\_BIN ELSE 0

END

ELSE 0

END AS WITH\_BANK,

/\* Bên BEN-ISS: không phát sinh DB\*, chỉ có bên Có (CD\*) \*/

0 AS DB\_TOTAL\_TRAN,

0 AS DB\_AMOUNT,

SUM(CASE WHEN FEE\_IRF\_BEN < 0 THEN -FEE\_IRF\_BEN ELSE 0 END) AS DB\_IR\_FEE,

0 AS DB\_SV\_FEE,

0 AS DB\_TOTAL\_FEE,

0 AS DB\_TOTAL\_MONEY,

COUNT(\*) AS CD\_TOTAL\_TRAN,

SUM(

CASE

WHEN Respcode IN (112,114) THEN COALESCE(PREAMOUNT,0)

ELSE AMOUNT

END

) AS CD\_AMOUNT,

SUM(

CASE

WHEN (CASE WHEN Pcode = '48' THEN 0 ELSE CASE WHEN FEE\_IRF\_BEN > 0 THEN FEE\_IRF\_BEN ELSE 0 END END) > 0

THEN (CASE WHEN Pcode = '48' THEN 0 ELSE CASE WHEN FEE\_IRF\_BEN > 0 THEN FEE\_IRF\_BEN ELSE 0 END END)

ELSE 0

END

) AS CD\_IR\_FEE,

-SUM(FEE\_SVF\_BEN) AS CD\_SV\_FEE,

0 AS CD\_TOTAL\_MONEY,

0 AS NAPAS\_FEE,

0 AS ADJ\_FEE,

0 AS NP\_ADJ\_FEE,

/\* MERCHANT\_TYPE \*/

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END AS MERCHANT\_TYPE,

'A-BY\_ROLE' AS STEP,

/\* FEE\_TYPE \*/

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END AS FEE\_TYPE,

/\* LIQUIDITY từ view GET\_LIQUIDITY\_BANK \*/

CASE

WHEN MAX(B.bank\_id) IS NULL AND MAX(C.bank\_id) IS NULL AND MAX(D.bank\_id) IS NULL THEN 'Y'

ELSE 'N'

END AS LIQUIDITY

FROM SHCLOG\_SETT\_IBFT\_ADJUST A

LEFT JOIN GET\_LIQUIDITY\_BANK B ON A.ISSUER\_RP = B.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK C ON A.ACQUIRER\_RP = C.bank\_id

LEFT JOIN GET\_LIQUIDITY\_BANK D ON A.BB\_BIN = D.bank\_id

WHERE

( (Respcode = 0 AND Isrev = 0) OR Respcode IN (110,112,113,114,115) )

AND Msgtype = 210

AND Fee\_Note IS NOT NULL

AND Pcode IN ('41','42','43','48','91')

GROUP BY

/\* SETT\_DATE \*/

CASE

WHEN Respcode = 0 AND SETTLEMENT\_DATE < :sett\_from THEN :sett\_from

WHEN Respcode = 0 AND SETTLEMENT\_DATE > :sett\_to THEN :sett\_to

WHEN Respcode = 0 AND SETTLEMENT\_DATE BETWEEN :sett\_from AND :sett\_to THEN SETTLEMENT\_DATE

ELSE NULL

END,

/\* EDIT\_DATE \*/

CASE

WHEN Respcode = 0 THEN NULL

ELSE CASE

WHEN DATE(Edit\_Date) < :sett\_from THEN :sett\_from

ELSE DATE(Edit\_Date)

END

END,

/\* SETTLEMENT\_CURRENCY \*/

CASE

WHEN ACQ\_CURRENCY\_CODE = 840 THEN 840

WHEN ACQ\_CURRENCY\_CODE = 418 THEN 418

ELSE 704

END,

RESPCODE,

/\* GROUP\_TRAN \*/

CASE

WHEN Pcode2 IN (920000) THEN 'QR'

WHEN Pcode2 = 890000 THEN 'QRPAY'

WHEN Pcode2 = 720000 THEN 'E-Wallet'

WHEN Pcode2 = 730000 THEN 'EFT'

WHEN Pcode IN ('43') AND Pcode2 IS NULL THEN 'CBFT'

WHEN Pcode2 = 930000 THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT'

WHEN Pcode2 IN (810000,820000,830000,860000,870000) THEN 'UTMQT'

ELSE 'Non IBFT'

END,

PCODE,

/\* TRAN\_TYPE \*/

CASE

WHEN Pcode2 = 920000 THEN 'QR\_ITMX'

WHEN Pcode2 = 890000 THEN 'QRC'

WHEN Pcode2 = 720000 THEN 'CAOT'

WHEN Pcode2 = 730000 THEN 'EFTC'

WHEN Pcode2 = 810000 THEN 'CA5'

WHEN Pcode2 = 820000 THEN 'CA4'

WHEN Pcode2 = 830000 THEN 'CA2'

WHEN Pcode2 = 840000 THEN 'SSP\_ON'

WHEN Pcode2 = 850000 THEN 'SSP\_OFF'

WHEN Pcode2 = 860000 THEN 'CA1'

WHEN Pcode2 = 870000 THEN 'CA3'

WHEN Pcode2 = 930000 THEN 'QR\_IBFT'

WHEN Pcode2 = 950000 THEN 'Mobile IBFT'

WHEN merchant\_type = 6011 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'ATM'

WHEN merchant\_type = 6013 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'SMS'

WHEN merchant\_type = 6014 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'INT'

WHEN merchant\_type = 6015 AND Pcode NOT IN ('41','42','48','91')

AND (Pcode2 IS NULL OR COALESCE(FROM\_SYS,'IST') = 'IST') THEN 'MOB'

WHEN COALESCE(FROM\_SYS,'IST') = 'IST|IBT' AND (TRAN\_CASE = 'C3|72' OR TRAN\_CASE = '72|C3') THEN 'IBFT khác'

WHEN COALESCE(FROM\_SYS,'IST') IN ('IST','IBT') AND Pcode IN ('41','48','42','91') THEN 'IBFT khác'

ELSE 'POS'

END,

BB\_BIN,

/\* WITH\_BANK (group key) \*/

CASE

WHEN Pcode2 = 920000 THEN 764000

WHEN ISSUER\_RP IN (605609) THEN ISSUER\_RP

WHEN Pcode2 IN (720000,730000,890000)

THEN CASE

WHEN NOT EXISTS (SELECT 1 FROM TGTT\_CONFIG t WHERE t.TGTT\_ID = A.BB\_BIN)

THEN A.BB\_BIN ELSE 0

END

ELSE 0

END,

/\* MERCHANT\_TYPE (group key) \*/

CASE

WHEN Pcode IN ('41','42','48','91') THEN MERCHANT\_TYPE

WHEN Pcode2 IN (960000,970000,968400,978400,968500,978500,967500,977500,967600,977600) THEN MERCHANT\_TYPE\_ORIG

ELSE NULL

END,

/\* FEE\_TYPE (group key) \*/

CASE

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 130012 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 930000 AND ISSUER\_FE = 971100 THEN 'QR\_IBFT\_FEE'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 950000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 950000 AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 130001 THEN 'COVID\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130002,130003) THEN 'AMOUNT\_1000K'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 910000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130004,130008) THEN 'TIER\_LEVEL\_1'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130005,130009) THEN 'TIER\_LEVEL\_2'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130006,130010) THEN 'TIER\_LEVEL\_3'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130007,130011) THEN 'TIER\_LEVEL\_4'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130013,130014) THEN 'TIER\_LEVEL\_5'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130015,130018) THEN 'TIER\_LEVEL\_6'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130016,130019) THEN 'TIER\_LEVEL\_7'

WHEN PCODE2 = 930000 AND ISSUER\_FE IN (130017,130020) THEN 'TIER\_LEVEL\_8'

WHEN PCODE2 IN (910000,930000,950000) AND ISSUER\_FE = 980471 THEN 'ACH\_FEE'

WHEN PCODE2 = 910000 AND ISSUER\_FE = 980478 THEN 'IBFT20\_FEE'

ELSE 'GDDC\_CU'

END;

**Step 13.1 – Câu lệnh**

UPDATE TCKT\_NAPAS\_IBFT

SET DB\_IR\_FEE = 0, DB\_SV\_FEE = 0, DB\_TOTAL\_FEE = 0,

CD\_IR\_FEE = 0, CD\_SV\_FEE = 0,

ADJ\_FEE = 0, BC\_NP\_ADJ = 0, BC\_NP\_SUM = 0

WHERE RESPCODE IN (112,114)

AND BANK\_ID NOT IN (600005, COALESCE(:bccard\_id,-1))

AND WITH\_BANK NOT IN (600005, COALESCE(:bccard\_id,-1))

Step 13.2 – Câu lệnh (Tính lại tổng phí)

UPDATE TCKT\_NAPAS\_IBFT

SET DB\_TOTAL\_FEE = DB\_IR\_FEE + DB\_SV\_FEE + CD\_SV\_FEE

Step 13.3 Tính lại tổng nợ

UPDATE TCKT\_NAPAS\_IBFT

SET DB\_TOTAL\_MONEY = DB\_TOTAL\_FEE + DB\_AMOUNT

Step 13.4 – Câu lệnh

UPDATE TCKT\_NAPAS\_IBFT

SET CD\_TOTAL\_MONEY = CD\_AMOUNT + CD\_IR\_FEE

Step 13.5 – Câu lênhj (Fee NP)

UPDATE TCKT\_NAPAS\_IBFT

SET NAPAS\_FEE = CASE

WHEN ADJ\_FEE <> 0 THEN DB\_TOTAL\_FEE - CD\_IR\_FEE - ADJ\_FEE

ELSE DB\_SV\_FEE + CD\_SV\_FEE - NP\_ADJ\_FEE

END

Step 13.6 – Câu lệnh (Đảo dấu cho nhóm (112,113,114,115))

UPDATE TCKT\_NAPAS\_IBFT

SET DB\_TOTAL\_TRAN = -DB\_TOTAL\_TRAN,

DB\_AMOUNT = -DB\_AMOUNT,

DB\_IR\_FEE = -DB\_IR\_FEE,

DB\_SV\_FEE = -DB\_SV\_FEE,

DB\_TOTAL\_FEE = -DB\_TOTAL\_FEE,

DB\_TOTAL\_MONEY = -DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN = -CD\_TOTAL\_TRAN,

BC\_CL\_ADJ = -BC\_CL\_ADJ,

CD\_AMOUNT = -CD\_AMOUNT,

CD\_IR\_FEE = -CD\_IR\_FEE,

CD\_SV\_FEE = -CD\_SV\_FEE,

CD\_TOTAL\_MONEY = -CD\_TOTAL\_MONEY,

NAPAS\_FEE = -NAPAS\_FEE,

BC\_NP\_ADJ = -BC\_NP\_ADJ,

BC\_NP\_SUM = -BC\_NP\_SUM

WHERE RESPCODE IN (112,113,114,115)

**Step 14 – Câu lệnh**

UPDATE TCKT\_NAPAS\_IBFT

SET

DEBIT = CASE

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN

CASE WHEN DB\_AMOUNT > CD\_AMOUNT THEN DB\_AMOUNT - CD\_AMOUNT ELSE 0 END

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111) THEN

CASE WHEN DB\_AMOUNT > CD\_AMOUNT THEN DB\_AMOUNT - CD\_AMOUNT ELSE 0 END

ELSE

CASE WHEN DB\_TOTAL\_MONEY > CD\_TOTAL\_MONEY THEN DB\_TOTAL\_MONEY - CD\_TOTAL\_MONEY ELSE 0 END

END,

CREDIT = CASE

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 AND TRAN\_TYPE = 'POS' THEN

CASE WHEN CD\_AMOUNT > DB\_AMOUNT THEN CD\_AMOUNT - DB\_AMOUNT ELSE 0 END

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111) THEN

CASE WHEN CD\_AMOUNT > DB\_AMOUNT THEN CD\_AMOUNT - DB\_AMOUNT ELSE 0 END

ELSE

CASE WHEN CD\_TOTAL\_MONEY > DB\_TOTAL\_MONEY THEN CD\_TOTAL\_MONEY - DB\_TOTAL\_MONEY ELSE 0 END

END

**Step 15 – Câu lệnh**

INSERT INTO TCKT\_NAPAS\_IBFT(

MSGTYPE\_DETAIL, OD\_BY, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN,

PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, DEBIT, CREDIT, ADJ\_FEE, NP\_ADJ\_FEE, BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ,

STEP, SUB\_BANK, LIQUIDITY

)

SELECT

MSGTYPE\_DETAIL,

NULL AS OD\_BY,

SETT\_DATE,

EDIT\_DATE,

SETTLEMENT\_CURRENCY,

NULL AS RESPCODE,

GROUP\_TRAN,

NULL AS PCODE,

GROUP\_TRAN AS TRAN\_TYPE,

SERVICE\_CODE,

NULL AS GROUP\_ROLE,

BANK\_ID,

WITH\_BANK,

SUM(DB\_TOTAL\_TRAN) AS DB\_TOTAL\_TRAN,

SUM(DB\_AMOUNT) AS DB\_AMOUNT,

SUM(DB\_IR\_FEE) AS DB\_IR\_FEE,

SUM(DB\_SV\_FEE) AS DB\_SV\_FEE,

SUM(DB\_TOTAL\_FEE) AS DB\_TOTAL\_FEE,

SUM(DB\_TOTAL\_MONEY) AS DB\_TOTAL\_MONEY,

SUM(CD\_TOTAL\_TRAN) AS CD\_TOTAL\_TRAN,

SUM(CD\_AMOUNT) AS CD\_AMOUNT,

SUM(CD\_IR\_FEE) AS CD\_IR\_FEE,

SUM(CD\_SV\_FEE) AS CD\_SV\_FEE,

SUM(CD\_TOTAL\_MONEY) AS CD\_TOTAL\_MONEY,

SUM(NAPAS\_FEE) AS NAPAS\_FEE,

/\* DEBIT \*/

CASE

WHEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

>

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

THEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

-

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

ELSE 0

END AS DEBIT,

/\* CREDIT \*/

CASE

WHEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

>

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

THEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

-

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

ELSE 0

END AS CREDIT,

SUM(ADJ\_FEE) AS ADJ\_FEE,

SUM(NP\_ADJ\_FEE) AS NP\_ADJ\_FEE,

SUM(BC\_NP\_ADJ) AS BC\_NP\_ADJ,

SUM(BC\_NP\_SUM) AS BC\_NP\_SUM,

SUM(BC\_CL\_ADJ) AS BC\_CL\_ADJ,

'B-GROUP\_BY\_SV' AS STEP,

SUB\_BANK,

LIQUIDITY

FROM TCKT\_NAPAS\_IBFT

WHERE STEP = 'A-BY\_ROLE'

GROUP BY

MSGTYPE\_DETAIL, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY,

GROUP\_TRAN, SERVICE\_CODE, BANK\_ID, WITH\_BANK, SUB\_BANK, LIQUIDITY

;

**Step 16 – Câu lệnh**

INSERT INTO TCKT\_NAPAS\_IBFT(

MSGTYPE\_DETAIL, OD\_BY, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN,

PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, DEBIT, CREDIT, ADJ\_FEE, NP\_ADJ\_FEE, BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ,

STEP, SUB\_BANK, LIQUIDITY

)

SELECT

MSGTYPE\_DETAIL,

NULL AS OD\_BY,

SETT\_DATE,

EDIT\_DATE,

SETTLEMENT\_CURRENCY,

NULL AS RESPCODE,

'AAA' AS GROUP\_TRAN,

NULL AS PCODE,

'Cong' AS TRAN\_TYPE,

SERVICE\_CODE,

NULL AS GROUP\_ROLE,

BANK\_ID,

WITH\_BANK,

SUM(DB\_TOTAL\_TRAN) AS DB\_TOTAL\_TRAN,

SUM(DB\_AMOUNT) AS DB\_AMOUNT,

SUM(DB\_IR\_FEE) AS DB\_IR\_FEE,

SUM(DB\_SV\_FEE) AS DB\_SV\_FEE,

SUM(DB\_TOTAL\_FEE) AS DB\_TOTAL\_FEE,

SUM(DB\_TOTAL\_MONEY) AS DB\_TOTAL\_MONEY,

SUM(CD\_TOTAL\_TRAN) AS CD\_TOTAL\_TRAN,

SUM(CD\_AMOUNT) AS CD\_AMOUNT,

SUM(CD\_IR\_FEE) AS CD\_IR\_FEE,

SUM(CD\_SV\_FEE) AS CD\_SV\_FEE,

SUM(CD\_TOTAL\_MONEY) AS CD\_TOTAL\_MONEY,

SUM(NAPAS\_FEE) AS NAPAS\_FEE,

/\* DEBIT \*/

CASE

WHEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

>

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

THEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

-

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

ELSE 0

END AS DEBIT,

/\* CREDIT \*/

CASE

WHEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

>

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

THEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN CD\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

-

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478) THEN DB\_AMOUNT

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END)

ELSE 0

END AS CREDIT,

SUM(ADJ\_FEE) AS ADJ\_FEE,

SUM(NP\_ADJ\_FEE) AS NP\_ADJ\_FEE,

SUM(BC\_NP\_ADJ) AS BC\_NP\_ADJ,

SUM(BC\_NP\_SUM) AS BC\_NP\_SUM,

SUM(BC\_CL\_ADJ) AS BC\_CL\_ADJ,

'D-TOTAL\_BANK' AS STEP,

SUB\_BANK,

LIQUIDITY

FROM TCKT\_NAPAS\_IBFT

WHERE STEP = 'A-BY\_ROLE'

GROUP BY

MSGTYPE\_DETAIL, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY,

SERVICE\_CODE, BANK\_ID, WITH\_BANK, SUB\_BANK, LIQUIDITY

**Step 17 – Câu lệnh**

INSERT INTO TCKT\_NAPAS\_IBFT(

MSGTYPE\_DETAIL, OD\_BY, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE, GROUP\_TRAN,

PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK, BANK\_NAME,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY,

NAPAS\_FEE, DEBIT, CREDIT, ADJ\_FEE, NP\_ADJ\_FEE, BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ,

STEP, SUB\_BANK, LIQUIDITY

)

SELECT

MSGTYPE\_DETAIL,

NULL AS OD\_BY,

SETT\_DATE,

EDIT\_DATE,

SETTLEMENT\_CURRENCY,

NULL AS RESPCODE,

GROUP\_TRAN,

NULL AS PCODE,

TRAN\_TYPE,

SERVICE\_CODE,

NULL AS GROUP\_ROLE,

NULL AS BANK\_ID,

WITH\_BANK,

'Tong Cong' AS BANK\_NAME,

SUM(DB\_TOTAL\_TRAN) AS DB\_TOTAL\_TRAN,

SUM(DB\_AMOUNT) AS DB\_AMOUNT,

/\* DB\_IR\_FEE \*/

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN 0

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN 0

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN 0

ELSE DB\_IR\_FEE

END) AS DB\_IR\_FEE,

/\* DB\_SV\_FEE \*/

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN 0

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN 0

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN 0

ELSE DB\_SV\_FEE

END) AS DB\_SV\_FEE,

/\* DB\_TOTAL\_FEE \*/

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN 0

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN 0

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN 0

ELSE DB\_TOTAL\_FEE

END) AS DB\_TOTAL\_FEE,

/\* DB\_TOTAL\_MONEY adjusted \*/

SUM(DB\_TOTAL\_MONEY) -

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN DB\_IR\_FEE

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN DB\_IR\_FEE

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN DB\_TOTAL\_FEE

ELSE 0

END) AS DB\_TOTAL\_MONEY,

SUM(CD\_TOTAL\_TRAN) AS CD\_TOTAL\_TRAN,

SUM(CD\_AMOUNT) AS CD\_AMOUNT,

/\* CD\_IR\_FEE \*/

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN 0

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN 0

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN 0

ELSE CD\_IR\_FEE

END) AS CD\_IR\_FEE,

/\* CD\_SV\_FEE \*/

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN 0

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN 0

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN 0

ELSE CD\_SV\_FEE

END) AS CD\_SV\_FEE,

/\* CD\_TOTAL\_MONEY adjusted \*/

SUM(CD\_TOTAL\_MONEY) -

SUM(CASE

WHEN WITH\_BANK = :bccard\_id AND SETTLEMENT\_CURRENCY = 840 THEN CD\_IR\_FEE

WHEN BANK\_ID = :bccard\_id AND SETTLEMENT\_CURRENCY = 704 THEN CD\_IR\_FEE

WHEN BANK\_ID IN (605609,602907,600005,600006,600007,980471,971100,971111,980478) THEN CD\_IR\_FEE

ELSE 0

END) AS CD\_TOTAL\_MONEY,

/\* NAPAS\_FEE (theo rule đặc thù) \*/

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600005,600006,600007) THEN CD\_IR\_FEE - DB\_TOTAL\_FEE

WHEN BANK\_ID IN (980471,971100,971111,980478) THEN NAPAS\_FEE + BC\_NP\_ADJ + CD\_IR\_FEE - DB\_TOTAL\_FEE

ELSE NAPAS\_FEE + BC\_NP\_ADJ

END) AS NAPAS\_FEE,

/\* DEBIT \*/

CASE

WHEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END + BC\_NP\_SUM)

>

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

THEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END + BC\_NP\_SUM)

-

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

ELSE 0

END AS DEBIT,

/\* CREDIT \*/

CASE

WHEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

>

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END + BC\_NP\_SUM)

THEN

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN CD\_AMOUNT

ELSE CD\_TOTAL\_MONEY

END)

-

SUM(CASE

WHEN BANK\_ID IN (602907,605609,600005,600006,600007,980471,971100,971111,980478)

THEN DB\_AMOUNT

ELSE DB\_TOTAL\_MONEY

END + BC\_NP\_SUM)

ELSE 0

END AS CREDIT,

SUM(ADJ\_FEE) AS ADJ\_FEE,

SUM(NP\_ADJ\_FEE) AS NP\_ADJ\_FEE,

SUM(BC\_NP\_ADJ) AS BC\_NP\_ADJ,

SUM(BC\_NP\_SUM) AS BC\_NP\_SUM,

SUM(BC\_CL\_ADJ) AS BC\_CL\_ADJ,

'E-TOTAL\_REPORT' AS STEP,

SUB\_BANK,

LIQUIDITY

FROM TCKT\_NAPAS\_IBFT

/\* nếu cần lọc theo step trước thì bật điều kiện:

WHERE STEP IN ('B-GROUP\_BY\_SV','C-GROUP\_IBFT\_OTHER','D-TOTAL\_BANK','A-BY\_ROLE')

\*/

GROUP BY

MSGTYPE\_DETAIL, GROUP\_TRAN, TRAN\_TYPE, WITH\_BANK,

SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, SERVICE\_CODE, SUB\_BANK, LIQUIDITY

**Step 18 – Câu lệnh**

Update TCKT\_NAPAS\_IBFT

Set OD\_BY = Case

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'Non IBFT' Then 'AA'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'ATM' Then 'AB'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'POS' Then 'AC'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'SSP\_ON' Then 'AD'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'SSP\_OFF' Then 'AE'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'TRANSIT' Then 'AF'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'BP\_ON' Then 'AG'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'BP\_OFF' Then 'AH'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'APPLEPAY\_ON' Then 'AI'

When GROUP\_TRAN = 'Non IBFT' And TRAN\_TYPE = 'APPLEPAY\_OFF' Then 'AJ'

When GROUP\_TRAN = 'IBFT' And TRAN\_TYPE = 'IBFT' Then 'BA'

When GROUP\_TRAN = 'IBFT' And TRAN\_TYPE = 'QR\_IBFT' Then 'BB'

When GROUP\_TRAN = 'IBFT' And TRAN\_TYPE = 'IBFT khc' Then 'BC'

When GROUP\_TRAN = 'IBFT' And TRAN\_TYPE = 'Mobile IBFT' Then 'BD'

When GROUP\_TRAN = 'CBFT' And TRAN\_TYPE = 'CBFT' Then 'CA'

When GROUP\_TRAN = 'CBFT' And TRAN\_TYPE = 'INT' Then 'CB'

When GROUP\_TRAN = 'CBFT' And TRAN\_TYPE <> 'INT' Then 'CD'

When GROUP\_TRAN = 'NON-BANK' And TRAN\_TYPE = 'NON-BANK' Then 'EA'

When GROUP\_TRAN = 'NON-BANK' And TRAN\_TYPE = 'E-Wallet' Then 'EB'

When GROUP\_TRAN = 'QRPAY' And TRAN\_TYPE = 'QRPAY' Then 'FA'

When GROUP\_TRAN = 'QRPAY' And TRAN\_TYPE = 'QRC' Then 'FB'

When GROUP\_TRAN = 'UTMQT' And TRAN\_TYPE = 'UTMQT' Then 'HA'

When GROUP\_TRAN = 'UTMQT' And TRAN\_TYPE = 'CA1' Then 'HB'

When GROUP\_TRAN = 'UTMQT' And TRAN\_TYPE = 'CA2' Then 'HC'

When GROUP\_TRAN = 'UTMQT' And TRAN\_TYPE = 'CA3' Then 'HD'

When GROUP\_TRAN = 'UTMQT' And TRAN\_TYPE = 'CA4' Then 'HE'

When GROUP\_TRAN = 'UTMQT' And TRAN\_TYPE = 'CA5' Then 'HF'

When GROUP\_TRAN ='E-Wallet' And TRAN\_TYPE= 'E-Wallet' Then 'IA'

When GROUP\_TRAN = 'E-Wallet' And TRAN\_TYPE ='CAOT' Then 'IB'

When GROUP\_TRAN = 'EFT' And TRAN\_TYPE ='EFT' Then 'JA'

When GROUP\_TRAN = 'EFT' And TRAN\_TYPE ='EFTC' Then 'JB'

When GROUP\_TRAN = 'QR' And TRAN\_TYPE = 'QR' Then 'KA'

When GROUP\_TRAN = 'QR' And TRAN\_TYPE = 'QR\_ITMX' Then 'KB'

When GROUP\_TRAN = 'AAA' And TRAN\_TYPE = 'Cong' Then 'Z'

End;

**Step 19 – Câu lệnh**

UPDATE TCKT\_NAPAS\_IBFT t

JOIN RP\_INSTITUTION r

ON r.SHCLOG\_ID = CASE

WHEN t.BANK\_ID = 970472 THEN 970471

WHEN t.BANK\_ID = 191919 THEN 970459

WHEN t.BANK\_ID = 970415 THEN 970489

ELSE t.BANK\_ID

END

SET t.BANK\_NAME = REPLACE(r.INS\_NAME, 'Ngân hàng', 'NH')

WHERE t.BANK\_ID IS NOT NULL;

**Step 20 – Câu lệnh**

Update TCKT\_NAPAS\_IBFT SET SERVICE\_TYPE ='IBFT';

Step 21 (Nếu Role Type = 1 thực thi xoá dữ liệu – tương ứng với user là hoind va sondt)

DELETE FROM NAPAS\_FEE\_MONTH

WHERE NAPAS\_TIME >= CURRENT\_DATE

AND NAPAS\_TIME < CURRENT\_DATE + INTERVAL 1 DAY

AND DATA\_TYPE = 'DOMESTIC'

AND SERVICE\_TYPE = 'IBFT';

Step 22 – Câu lệnh (đẩy dữ liệu vào bảng fee tháng Role Type = 1)

INSERT INTO NAPAS\_FEE\_MONTH (

MSGTYPE\_DETAIL, NAPAS\_TIME, USER\_SETT, EDIT\_NOTE, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE,

GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK, BANK\_NAME,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY, NAPAS\_FEE, DEBIT, CREDIT,

OD\_BY, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, SETTLEMENT\_DATE\_FROM, SETTLEMENT\_DATE\_TO,

BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ, FEE\_TYPE, SUB\_BANK, DATA\_TYPE, LIQUIDITY, SERVICE\_TYPE

)

SELECT

MSGTYPE\_DETAIL,

NOW() AS NAPAS\_TIME,

:pUser AS USER\_SETT,

'TCKT NAPAS' AS EDIT\_NOTE,

SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY, RESPCODE,

GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, A.BANK\_ID, WITH\_BANK, BANK\_NAME,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY, NAPAS\_FEE, DEBIT, CREDIT,

OD\_BY, ADJ\_FEE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP,

:sett\_from AS SETTLEMENT\_DATE\_FROM,

:sett\_to AS SETTLEMENT\_DATE\_TO,

BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ, FEE\_TYPE, SUB\_BANK,

'DOMESTIC' AS DATA\_TYPE,

LIQUIDITY, SERVICE\_TYPE

FROM TCKT\_NAPAS\_IBFT A

Step 23 – Câu lệnh (Role Type = 1)

INSERT INTO NAPAS\_FEE\_MONTH\_AUTO\_BACKUP (

MSGTYPE\_DETAIL, NAPAS\_SETT\_DATE, NAPAS\_TIME, USER\_SETT, EDIT\_NOTE, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY,

RESPCODE, GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK, BANK\_NAME,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY, NAPAS\_FEE, DEBIT, CREDIT,

OD\_BY, ADJ\_FEE, BKDATE, NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, SETTLEMENT\_DATE\_FROM, SETTLEMENT\_DATE\_TO,

BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ, FEE\_TYPE, SUB\_BANK, DATA\_TYPE, LIQUIDITY, SERVICE\_TYPE

)

SELECT

MSGTYPE\_DETAIL, NAPAS\_SETT\_DATE, NAPAS\_TIME, USER\_SETT, EDIT\_NOTE, SETT\_DATE, EDIT\_DATE, SETTLEMENT\_CURRENCY,

RESPCODE, GROUP\_TRAN, PCODE, TRAN\_TYPE, SERVICE\_CODE, GROUP\_ROLE, BANK\_ID, WITH\_BANK, BANK\_NAME,

DB\_TOTAL\_TRAN, DB\_AMOUNT, DB\_IR\_FEE, DB\_SV\_FEE, DB\_TOTAL\_FEE, DB\_TOTAL\_MONEY,

CD\_TOTAL\_TRAN, CD\_AMOUNT, CD\_IR\_FEE, CD\_SV\_FEE, CD\_TOTAL\_MONEY, NAPAS\_FEE, DEBIT, CREDIT,

OD\_BY, ADJ\_FEE,

NOW() AS BKDATE,

NP\_ADJ\_FEE, MERCHANT\_TYPE, STEP, SETTLEMENT\_DATE\_FROM, SETTLEMENT\_DATE\_TO,

BC\_NP\_ADJ, BC\_NP\_SUM, BC\_CL\_ADJ, FEE\_TYPE, SUB\_BANK, DATA\_TYPE, LIQUIDITY, SERVICE\_TYPE

FROM NAPAS\_FEE\_MONTH

WHERE NAPAS\_TIME >= CURRENT\_DATE

AND NAPAS\_TIME < CURRENT\_DATE + INTERVAL 1 DAY

AND DATA\_TYPE = 'DOMESTIC'

AND SERVICE\_TYPE = 'IBFT';