

ERR_EX

V_ISOMESSAGE_TMP_TURN_0200

SHCLOG_SETT_IBFT

(PAN, ORIGTRACE, TERMID, LOCAL_DATE(mmdd), LOCAL_TIME, ACQUIRER)

→

RESPCODE = 116RESPCODE

TXNSRC = 'RC=99'

CONTENT_FUND = IBFT_INFO

→

TNX_STAMP

MAP_IBFT_ACQ_ID→CASE

GET_IBT_BIN→LEFT JOIN IBFT_BANK_BINSCASE→→

TO_NUMBER_BNV→CAST(... AS UNSIGNED)

ERR_EX

STT = ROW_NUMBER() + :iSTT

STT IS NULL

ORIGRESPCODE = 97

ERR_EX

ERR_EX

→

MERGE INTO tgt USING src ON (KEYS)	INSERT ON DUPLICATE KEY UPDATE (PAN, ORIGTRACE, TERMID, LOCAL_DATE, LOCAL_TIME, ACQUIRER)
SYSDATE	NOW()
TO_DATE/TO_CHAR/TRUNC	STR_TO_DATE/DATE_FORMAT/CURDATE
NVL / DECODE	IFNULL / CASE WHEN ... THEN ... ELSE ... END
ROWNUM	ROW_NUMBER() OVER (PARTITION BY ... ORDER BY TNX_STAMP DESC)
MAP_IBFT_ACQ_ID(x)	CASESELECT/CTE
GET_IBT_BIN(x)	LEFT JOIN IBFT_BANK_BINS CASE→→→
TO_NUMBER_BNV(x)	CAST(x AS UNSIGNED)
NP_CONVERT_LOCAL_DATE	CASE WHEN

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INSERT INTO ERR_EX (ERR_TIME, ERR_CODE, ERR_DETAIL, ERR_MODULE)
VALUES (NOW(), 0, 'Start MERGE SHCLOG_SETT_IBFT and
ISOMESSAGE_TMP_TURN', 'MERGE_SHC_SETT_IBFT_200');
```

```
INSERT INTO SHCLOG_SETT_IBFT (
    DATA_ID, PPCODE, MSGTYPE, PAN, PCODE, Amount, ACQ_CURRENCY_CODE,
    TRACE, LOCAL_TIME, LOCAL_DATE, SETTLEMENT_DATE,
    ACQUIRER, ISSUER, RESPCODE, MERCHANT_TYPE, MERCHANT_TYPE_ORIG,
    AUTHNUM, SETT_CURRENCY_CODE, TERMID, ADD_INFO, ACCTNUM,
    ISS_CURRENCY_CODE, ORIGTRACE, ORIGISS, ORIGRESPCODE,
    CH_CURRENCY_CODE, ACQUIRER_FE, ACQUIRER_RP, ISSUER_FE,
    ISSUER_RP, PCODE2, FROM_SYS, BB_BIN, BB_BIN_ORIG, CONTENT_FUND,
    TXNSRC, ACQ_COUNTRY, POS_ENTRY_CODE, POS_CONDITION_CODE,
    ADDRESSRESPONSE, MVV, F4, F5, F6, F49, SETTLEMENT_CODE,
    SETTLEMENT_RATE, ISS_CONV_RATE, TCC,
    refnum, trandate, trantime, ACCEPTORNAME, TERMLOC, F15,
    pcode_orig, ACCOUNT_NO, DEST_ACCOUNT
)
SELECT
    1 AS DATA_ID,
    CAST(B.PROC_CODE AS SIGNED) AS PPCODE,
    '210' AS MSGTYPE,
    TRIM(B.CARD_NO) AS PAN,
    CAST(B.PROC_CODE AS SIGNED) AS PCODE,
    CAST(COALESCE(LEFT(B.AMOUNT, LENGTH(B.AMOUNT)-2), '0') AS SIGNED)
    AS Amount,
    704 AS ACQ_CURRENCY_CODE,
    CAST(CONCAT('2', B.TRACE_NO) AS SIGNED) AS TRACE,
    CAST(B.LOCAL_TIME AS SIGNED) AS LOCAL_TIME,
    CASE
        WHEN (
            CASE
                WHEN B.LOCAL_DATE = '0229' THEN
                    IFNULL(
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        STR_TO_DATE(
            CONCAT(
                (ROUND(FLOOR(YEAR(CURDATE())) / 4)) *
                    4),
                B.LOCAL_DATE
            ),
            '%Y%m%d'
        ),
        STR_TO_DATE(
            CONCAT(
                (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                    4)) * 4),
                B.LOCAL_DATE
            ),
            '%Y%m%d'
        )
    )
ELSE
    IFNULL(
        STR_TO_DATE(
            CONCAT(YEAR(CURDATE()), B.LOCAL_DATE),
            '%Y%m%d'
        ),
        STR_TO_DATE(
            CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                1 YEAR))), B.LOCAL_DATE),
            '%Y%m%d'
        )
    )
END
) > CURDATE() THEN
CASE
    WHEN B.LOCAL_DATE = '0229' THEN
        IFNULL(
            STR_TO_DATE(
                CONCAT(
                    (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                        4)) * 4),
                    B.LOCAL_DATE
                ),
                '%Y%m%d'
            ),
            NULL
        )
    ELSE
        IFNULL(
            STR_TO_DATE(
                CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                    1 YEAR))), B.LOCAL_DATE),
                '%Y%m%d'
            ),

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```

NULL
)
END
ELSE
CASE
WHEN B.LOCAL_DATE = '0229' THEN
IFNULL(
STR_TO_DATE(
CONCAT(
(ROUND(FLOOR(YEAR(CURDATE())) / 4)) *
4),
B.LOCAL_DATE
),
'%Y%m%d'
),
STR_TO_DATE(
CONCAT(
(ROUND(FLOOR((YEAR(CURDATE()) - 1) /
4)) * 4),
B.LOCAL_DATE
),
'%Y%m%d'
)
)
ELSE
IFNULL(
STR_TO_DATE(
CONCAT(YEAR(CURDATE()), B.LOCAL_DATE),
'%Y%m%d'
),
STR_TO_DATE(
CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
1 YEAR)), B.LOCAL_DATE),
'%Y%m%d'
)
)
END
END AS LOCAL_DATE,
CASE
WHEN (
CASE
WHEN B.SETTLE_DATE = '0229' THEN
IFNULL(
STR_TO_DATE(
CONCAT(
(ROUND(FLOOR(YEAR(CURDATE())) / 4)) *
4),
B.SETTLE_DATE
),
'%Y%m%d'
),

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        STR_TO_DATE(
            CONCAT(
                (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                    4)) * 4),
                B.SETTLE_DATE
            ),
            '%Y%m%d'
        )
    )
ELSE
    IFNULL(
        STR_TO_DATE(
            CONCAT(YEAR(CURDATE()), B.SETTLE_DATE),
            '%Y%m%d'
        ),
        STR_TO_DATE(
            CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                1 YEAR)), B.SETTLE_DATE),
            '%Y%m%d'
        )
    )
END
) > CURDATE() THEN
CASE
    WHEN B.SETTLE_DATE = '0229' THEN
        IFNULL(
            STR_TO_DATE(
                CONCAT(
                    (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                        4)) * 4),
                    B.SETTLE_DATE
                ),
                '%Y%m%d'
            ),
            NULL
        )
    ELSE
        IFNULL(
            STR_TO_DATE(
                CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                    1 YEAR)), B.SETTLE_DATE),
                '%Y%m%d'
            ),
            NULL
        )
    END
ELSE
CASE
    WHEN B.SETTLE_DATE = '0229' THEN
        IFNULL(
            STR_TO_DATE(

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        CONCAT(
            (ROUND(FLOOR(YEAR(CURDATE())) / 4)) *
                4),
            B.SETTLE_DATE
        ),
        '%Y%m%d'
    ),
    STR_TO_DATE(
        CONCAT(
            (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                4)) * 4),
            B.SETTLE_DATE
        ),
        '%Y%m%d'
    )
)
ELSE
    IFNULL(
        STR_TO_DATE(
            CONCAT(YEAR(CURDATE()), B.SETTLE_DATE),
            '%Y%m%d'
        ),
        STR_TO_DATE(
            CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                1 YEAR)), B.SETTLE_DATE),
            '%Y%m%d'
        )
    )
END
END AS SETTLEMENT_DATE,
CAST(B.ACQ_ID AS SIGNED) AS ACQUIRER,
CAST(B.ACQ_ID AS SIGNED) AS ISSUER,
CASE
    WHEN B.BEN_ID = '971133' AND B.DEST_ACCOUNT LIKE 'NPDC%' THEN
        68
    WHEN B.SERVICE_CODE = 'QR_PUSH' THEN 68
    WHEN B.BEN_ID = '971100' AND B.TCC = '99' THEN 68
    WHEN TRIM(B.ISS_ID) IN ('980471', '980472') THEN 68
    ELSE 0
END AS RESPCODE,
6011 AS MERCHANT_TYPE,
CAST(B.MCC AS SIGNED) AS MERCHANT_TYPE_ORIG,
B.APPROVAL_CODE AS AUTHNUM,
704 AS SETT_CURRENCY_CODE,
B.TERM_ID AS TERMID,
B.ADD_INFO AS ADD_INFO,
CONCAT(COALESCE(B.ACCOUNT_NO, ' '), '|', COALESCE(B.DEST_ACCOUNT,
    '')) AS ACCTNUM,
704 AS ISS_CURRENCY_CODE,
CAST(B.TRACE_NO AS SIGNED) AS ORIGTRACE,
CAST(B.ACQ_ID AS SIGNED) AS ORIGISS,

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'97' AS ORIGRESPCODE,
704 AS CH_CURRENCY_CODE,
IFNULL(
    CASE
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970429 THEN 157979
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970400 THEN 161087
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970427 THEN 166888
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970441 THEN 180906
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970425 THEN 970459
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970431 THEN 452999
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970436 THEN 686868
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970419 THEN 818188
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970407 THEN 888899
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970434 THEN 888999
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970440 THEN 970468
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970418 THEN 970488
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970432 THEN 981957
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970405 THEN 970499
        ELSE CAST(B.ACQ_ID AS SIGNED)
    END,
    NULL
) AS ACQUIRER_FE,
IFNULL(
    CASE
        WHEN TRIM(B.ISS_ID) = '980471' THEN 980471
        WHEN TRIM(B.ISS_ID) = '980475' THEN 980478
        WHEN CAST(B.ACQ_ID AS SIGNED) = 191919 THEN 970459
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970415 THEN 970489
        ELSE
            IFNULL(
                CASE
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970429 THEN
                        157979
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970400 THEN
                        161087
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970427 THEN
                        166888
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970441 THEN
                        180906
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970425 THEN
                        970459
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970431 THEN
                        452999
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970436 THEN
                        686868
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970419 THEN
                        818188
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970407 THEN
                        888899
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970434 THEN
                        888999

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        WHEN CAST(B.ACQ_ID AS SIGNED) = 970440 THEN
            970468
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970418 THEN
            970488
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970432 THEN
            981957
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970405 THEN
            970499
        ELSE CAST(B.ACQ_ID AS SIGNED)
    END,
    NULL
)
END,
NULL
) AS ACQUIRER_RP,
IFNULL(
    CASE
        WHEN CAST(B.ACQ_ID AS SIGNED) = 191919 THEN 970459
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970415 THEN 970489
        ELSE
            IFNULL(
                CASE
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970429 THEN
                        157979
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970400 THEN
                        161087
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970427 THEN
                        166888
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970441 THEN
                        180906
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970425 THEN
                        970459
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970431 THEN
                        452999
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970436 THEN
                        686868
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970419 THEN
                        818188
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970407 THEN
                        888899
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970434 THEN
                        888999
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970440 THEN
                        970468
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970418 THEN
                        970488
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970432 THEN
                        981957
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970405 THEN
                        970499
                    ELSE CAST(B.ACQ_ID AS SIGNED)
                
```



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        END,
        NULL
    )
END,
NULL
) AS ISSUER_FE,
IFNULL(
    CASE
        WHEN TRIM(B.ISS_ID) = '980471' THEN 980471
        WHEN TRIM(B.ISS_ID) = '980475' THEN 980478
        WHEN CAST(B.ACQ_ID AS SIGNED) = 191919 THEN 970459
        WHEN CAST(B.ACQ_ID AS SIGNED) = 970415 THEN 970489
        ELSE
            IFNULL(
                CASE
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970429 THEN
                        157979
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970400 THEN
                        161087
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970427 THEN
                        166888
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970441 THEN
                        180906
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970425 THEN
                        970459
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970431 THEN
                        452999
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970436 THEN
                        686868
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970419 THEN
                        818188
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970407 THEN
                        888899
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970434 THEN
                        888999
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970440 THEN
                        970468
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970418 THEN
                        970488
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970432 THEN
                        981957
                    WHEN CAST(B.ACQ_ID AS SIGNED) = 970405 THEN
                        970499
                    ELSE CAST(B.ACQ_ID AS SIGNED)
                END,
                NULL
            )
        END,
        NULL
    )
END,
NULL
) AS ISSUER_RP,
CASE

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        WHEN B.TCC = '99' THEN 930000
        WHEN B.TCC = '95' THEN 950000
        WHEN B.SERVICE_CODE = 'QR_PUSH' THEN 890000
        WHEN B.TCC = '97' THEN 720000
        WHEN B.TCC = '98' THEN 730000
        ELSE 910000
    END AS PCODE2,
    'IBT' AS FROM_SYS,
    CASE
        WHEN TRIM(B.ISS_ID) = '980472' THEN 980471
        WHEN TRIM(B.ISS_ID) = '980474' THEN 980478
        WHEN B.BEN_ID IS NOT NULL AND B.PROC_CODE IN ('912020', '
            910020')
            THEN IFNULL(
                CASE
                    WHEN (SELECT COUNT(*) FROM IBFT_BANK_BINS WHERE
                        BIN = B.BEN_ID) = 1 THEN
                        CASE
                            WHEN (SELECT CAST(MEMBER_ID AS SIGNED)
                                FROM IBFT_BANK_BINS WHERE BIN = B.
                                    BEN_ID) = 191919 THEN 970459
                            WHEN (SELECT CAST(MEMBER_ID AS SIGNED)
                                FROM IBFT_BANK_BINS WHERE BIN = B.
                                    BEN_ID) = 970415 THEN 970489
                            ELSE (SELECT CAST(MEMBER_ID AS SIGNED)
                                FROM IBFT_BANK_BINS WHERE BIN = B.
                                    BEN_ID)
                        END
                    ELSE NULL
                END,
                NULL
            )
        ELSE
            IFNULL(
                CASE
                    WHEN (SELECT COUNT(*) FROM IBFT_BANK_BINS WHERE
                        BIN = LEFT(B.DEST_ACCOUNT, 6)) = 1 THEN
                        CASE
                            WHEN (SELECT CAST(MEMBER_ID AS SIGNED)
                                FROM IBFT_BANK_BINS WHERE BIN = LEFT(B
                                    .DEST_ACCOUNT, 6)) = 191919 THEN
                                    970459
                            WHEN (SELECT CAST(MEMBER_ID AS SIGNED)
                                FROM IBFT_BANK_BINS WHERE BIN = LEFT(B
                                    .DEST_ACCOUNT, 6)) = 970415 THEN
                                    970489
                            ELSE (SELECT CAST(MEMBER_ID AS SIGNED)
                                FROM IBFT_BANK_BINS WHERE BIN = LEFT(B
                                    .DEST_ACCOUNT, 6))
                        END
                    ELSE NULL
                END
            )
    END

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        END,
        NULL
    )
END AS BB_BIN,
CASE
    WHEN B.BEN_ID IN (SELECT TGTT_ID FROM TGTT_20) THEN IFNULL(
        CAST(B.BEN_ID AS SIGNED), NULL)
    WHEN TRIM(B.ISS_ID) IN ('980472', '980474', '980475')
        THEN CASE
            WHEN B.BEN_ID IS NOT NULL AND B.PROC_CODE IN ('912020', '910020')
                THEN IFNULL(
                    CASE
                        WHEN (SELECT COUNT(*) FROM IBFT_BANK_BINS
                            WHERE BIN = B.BEN_ID) = 1 THEN
                            CASE
                                WHEN (SELECT CAST(MEMBER_ID AS SIGNED) FROM IBFT_BANK_BINS
                                    WHERE BIN = B.BEN_ID) = 191919
                                    THEN 970459
                                WHEN (SELECT CAST(MEMBER_ID AS SIGNED) FROM IBFT_BANK_BINS
                                    WHERE BIN = B.BEN_ID) = 970415
                                    THEN 970489
                                ELSE (SELECT CAST(MEMBER_ID AS SIGNED) FROM IBFT_BANK_BINS
                                    WHERE BIN = B.BEN_ID)
                            END
                        ELSE NULL
                    END,
                    NULL
                )
            ELSE
                IFNULL(
                    CASE
                        WHEN (SELECT COUNT(*) FROM IBFT_BANK_BINS
                            WHERE BIN = LEFT(B.DEST_ACCOUNT, 6))
                            = 1 THEN
                            CASE
                                WHEN (SELECT CAST(MEMBER_ID AS SIGNED) FROM IBFT_BANK_BINS
                                    WHERE BIN = LEFT(B.DEST_ACCOUNT, 6)) = 191919
                                    THEN 970459
                                WHEN (SELECT CAST(MEMBER_ID AS SIGNED) FROM IBFT_BANK_BINS
                                    WHERE BIN = LEFT(B.DEST_ACCOUNT, 6)) = 970415
                                    THEN 970489
                                ELSE (SELECT CAST(MEMBER_ID AS SIGNED) FROM IBFT_BANK_BINS

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WHERE BIN = LEFT(B.
DEST_ACCOUNT, 6))

END
ELSE NULL
END,
NULL
)

END
ELSE IFNULL(CAST(B.BEN_ID AS SIGNED), NULL)
END AS BB_BIN_ORIG,
B.IBFT_INFO AS CONTENT_FUND,
'MTI=200' AS TXNSRC,
B.ACQ_COUNTRY,
B.POS_ENTRY_CODE,
B.POS_CONDITION_CODE,
B.ADDRESPONSE,
B.MVV,
CAST(COALESCE(LEFT(B.F4, LENGTH(B.F4)-2), '0') AS SIGNED) AS F4,
CAST(COALESCE(LEFT(B.F5, LENGTH(B.F5)-2), '0') AS SIGNED) AS F5,
CAST(COALESCE(LEFT(B.F6, LENGTH(B.F6)-2), '0') AS SIGNED) AS F6,
B.F49,
B.SETTLEMENT_CODE,
B.SETTLEMENT_RATE,
B.ISS_CONV_RATE,
B.TCC,
B.REF_NO,
TRUNCATE(B.Tnx_Stamp, 0) AS trandate,
DATE_FORMAT(B.tnx_stamp, '%H%i%s') AS trantime,
B.CARD_ACCEPT_NAME_LOCATION AS ACCEPTORNAME,
B.CARD_ACCEPT_ID_CODE AS TERMLOC,
CASE
WHEN (
CASE
WHEN B.SETTLE_DATE = '0229' THEN
IFNULL(
STR_TO_DATE(
CONCAT(
(ROUND(FLOOR(YEAR(CURDATE())) / 4)) *
4),
B.SETTLE_DATE
),
'%Y%m%d'
),
STR_TO_DATE(
CONCAT(
(ROUND(FLOOR((YEAR(CURDATE()) - 1) /
4)) * 4),
B.SETTLE_DATE
),
'%Y%m%d'
)
)
)

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    )
ELSE
    IFNULL(
        STR_TO_DATE(
            CONCAT(YEAR(CURDATE()), B.SETTLE_DATE),
            '%Y%m%d'
        ),
        STR_TO_DATE(
            CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                1 YEAR)), B.SETTLE_DATE),
            '%Y%m%d'
        )
    )
END
) > CURDATE() THEN
CASE
    WHEN B.SETTLE_DATE = '0229' THEN
        IFNULL(
            STR_TO_DATE(
                CONCAT(
                    (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                        4)) * 4),
                    B.SETTLE_DATE
                ),
                '%Y%m%d'
            ),
            NULL
        )
    ELSE
        IFNULL(
            STR_TO_DATE(
                CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                    1 YEAR)), B.SETTLE_DATE),
                '%Y%m%d'
            ),
            NULL
        )
    END
ELSE
CASE
    WHEN B.SETTLE_DATE = '0229' THEN
        IFNULL(
            STR_TO_DATE(
                CONCAT(
                    (ROUND(FLOOR(YEAR(CURDATE()) / 4)) *
                        4),
                    B.SETTLE_DATE
                ),
                '%Y%m%d'
            ),
            STR_TO_DATE(

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        CONCAT(
            (ROUND(FLOOR((YEAR(CURDATE()) - 1) /
                4)) * 4),
            B.SETTLE_DATE
        ),
        '%Y%m%d'
    )
)
ELSE
    IFNULL(
        STR_TO_DATE(
            CONCAT(YEAR(CURDATE()), B.SETTLE_DATE),
            '%Y%m%d'
        ),
        STR_TO_DATE(
            CONCAT(YEAR(DATE_SUB(CURDATE(), INTERVAL
                1 YEAR)), B.SETTLE_DATE),
            '%Y%m%d'
        )
    )
END
END AS F15,
CAST(B.PROC_CODE AS SIGNED) AS pcode_orig,
B.ACCOUNT_NO,
B.DEST_ACCOUNT
FROM ISOMESSAGE_TMP_TURN B
WHERE B.CARD_NO IS NOT NULL
AND B.MTI = '0200'
AND (COALESCE(CAST(B.BEN_ID AS SIGNED), 0) <> 0 AND COALESCE(CAST(B
    .TRACE_NO AS SIGNED), 0) <> 0)
ON DUPLICATE KEY UPDATE
    RESPCODE = CASE
        WHEN SHCLOG_SETT_IBFT.AMOUNT <> ROUND(B.AMOUNT/100, 0) AND
            SHCLOG_SETT_IBFT.RESPCODE = 0 THEN 116
        ELSE SHCLOG_SETT_IBFT.RESPCODE
    END,
    TXNSRC = CASE
        WHEN SHCLOG_SETT_IBFT.AMOUNT <> ROUND(B.AMOUNT/100, 0) THEN '
        RC=99'
        ELSE CAST(SHCLOG_SETT_IBFT.TXNSRC AS CHAR)
    END,
    CONTENT_FUND = B.IBFT_INFO;

```

```

INSERT INTO ERR_EX (ERR_TIME, ERR_CODE, ERR_DETAIL, ERR_MODULE)
VALUES (NOW(), 0, 'Finish Merge SHCLOG_SETT_IBFT and
    ISOMESSAGE_TMP_TURN', 'MERGE_SHC_SETT_IBFT_200');

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UPDATE SHCLOG_SETT_IBFT AS a
JOIN (
    SELECT
        tidb_id,

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        ROW_NUMBER() OVER (ORDER BY TRANDATE, TRANTIME, TRACE, id) +
        :iSTT AS new_stt
FROM SHCLOG_SETT_IBFT
WHERE STT IS NULL
      AND ORIGRESPCODE = 97
) AS b
ON a.tidb_id = b.tidb_id
SET a.STT = b.new_stt;
```

```
INSERT INTO ERR_EX (ERR_TIME, ERR_CODE, ERR_DETAIL, ERR_MODULE)
VALUES (NOW(), 0, 'End MERGE_SHC_SETT_IBFT_200', 'RPT.
MERGE_SHC_SETT_IBFT_200');
```

```
INSERT INTO ERR_EX (ERR_TIME, ERR_CODE, ERR_DETAIL, ERR_MODULE,
CRITICAL_LEVEL)
VALUES (NOW(), :ecode, :emesg, 'RPT.MERGE_SHC_SETT_IBFT_200', 2);
```