Data Model - Switch Interface

Kernel 11.4

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1. INTRODUCTION

This document contains the data dictionary information of Switch Interface in Kernel 11.4 . For each table that belongs to the module, SW, it provides the following information

- Table Description
- Primary Key and Foreign Keys
- Column details that contain column name, data type and descriptions.

2. SWITCH INTERFACE

2.1. SWTB_MER_SETTLEMENT

Description - Table that is used to store merchant settlement details

Primary Key and Foreign Keys - **Column Descriptions -**

COLUMN	DATA TYPE	DESCRIPTION
MERCHANT_ID	VARCHAR2(20)	Merchant ID. It is used to derive merchant account
TXN_CODE	VARCHAR2(10)	Not Used
PROC_CODE	VARCHAR2(6)	ISO type processing code
EVENT_DATE	DATE	Batch processing date
TXN_AMOUNT	VARCHAR2(22)	Total amount settled to merchant
TXN_CCY_CODE	VARCHAR2(3)	Currency of Total amount settled to the merchant
TAX_AMT	VARCHAR2(22)	Not Used. Reserved for future use.
DR_CR_FLG	VARCHAR2(1)	Debit / Credit indicator flag sent by switch. Not used in for processing.
COMMISSION_AMOUNT	VARCHAR2(22)	Commission Amount to be processed as fee.
COMMISSION_FLG	VARCHAR2(1)	Not Used. Reserved for future use.
COMMISSION_CCY	VARCHAR2(3)	Commission Amount Currency to be processed as fee.
ACCOUNT_NO	VARCHAR2(28)	Not Used. Reserved for future use.
BRANCH_CODE	VARCHAR2(3)	Branch code of account held by merchant.
BANK_CODE	VARCHAR2(3)	Bank code of merchant.
USER_INFO	VARCHAR2(30)	User Information in merchant settlement file. This field is only for information.
STATUS	VARCHAR2(20)	Status of settlement record. (S-Success,F-Failure)
ERR_CODE	VARCHAR2(28)	FLEXCUBE Error Codes raised by system during merchant settlement processing.

2.2. SWTB_MER_SETTLEMENT_HIST

Description - Table that is used to store merchant settlement details history.

Primary Key and Foreign Keys - **Column Descriptions -**

COLUMN	DATA TYPE	DESCRIPTION
MERCHANT_ID	VARCHAR2(20)	Merchant ID. It is used to derive merchant account
TXN_CODE	VARCHAR2(10)	Not Used
PROC_CODE	VARCHAR2(6)	ISO type processing code
EVENT_DATE	DATE	Batch processing date
TXN_AMOUNT	VARCHAR2(22)	Total amount settled to merchant
TXN_CCY_CODE	VARCHAR2(3)	Currency of Total amount settled to merchant
TAX_AMT	VARCHAR2(22)	Not Used. Reserved for future use.
DR_CR_FLG	VARCHAR2(1)	Debit or Credit indicator flag sent by switch. Not used in for processing.
COMMISSION_AMOUNT	VARCHAR2(22)	Commission Amount to be processed as fee.
COMMISSION_FLG	VARCHAR2(1)	Not Used. Reserved for future use.
COMMISSION_CCY	VARCHAR2(3)	Commission Amount Ccy to be processed as fee.
ACCOUNT_NO	VARCHAR2(28)	Not Used. Reserved for future use.
BRANCH_CODE	VARCHAR2(3)	Branch code of account held by merchant.
BANK_CODE	VARCHAR2(3)	Bank code of merchant.
USER_INFO	VARCHAR2(30)	User Information in merchant settlement file. This field is only for information.
STATUS	VARCHAR2(20)	Status of settlement record. (S Success,F Failure)
ERR_CODE	VARCHAR2(28)	FLEXCUBE Error Codes raised by system during merchanr settlement processing.

2.3. SWTB_PARAM

Description - SW module parameter table.

Primary Key and Foreign Keys -

Primary Key	CHANNEL

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
FOLLOW_ON	VARCHAR2(1)	Indicates if follow on message will be sent by switch or not. If the value is Y then for message type 200 it will do an amount block and for message type 220 it will check for parent message. If the flag is N then for message type 200 and 220 it will check for amount block flag.
AMOUNT_BLOCK	VARCHAR2(1)	If amount block flag is Y then all 200 and 220 messages will do amount block. If the flag is N then normal processing will be carried out.
SETL_BEFORE_FILE	VARCHAR2(1)	Indicates settlement handling. If settle before file flag is Y then all remote on-us and off-us transaction will do Retail Teller transaction and pass accounting entries. If the flag is N then all remote on-us and off-us transaction will do the Amount block and RT transaction will completed at the time of settlement file.
LOG_TABLE_KEY	VARCHAR2(255)	Indicates the ISO field values that are used for making the primary key for ISO transaction.
CHG_ON_BALENQ	VARCHAR2(1)	Indicates charge applicability for balance enquiry . If flag value is Y then for balance enquiry transaction if charge is defined then it will be deducted from the customer account. (Y - Yes, N - No).
CHG_ON_ADSTMT	VARCHAR2(1)	Indicates charge applicability for Adhoc statement, If flag value is Y then for adhoc statement transaction if charge is defined then it will be deducted from customer account. (Y - Yes, N - No).
CHG_ON_MISTMT	VARCHAR2(1)	Indicates charge applicability for mini statement. If flag value is Y then for mini statement transaction if charge is defined then it will be deducted from customer account. (Y - Yes, N - No).
CHG_ON_CHQBK	VARCHAR2(1)	Indicates charge applicability on check book request. If flag value is Y then for cheque book request transaction if charge is defined then it will be deducted from customer account. (Y - Yes, N - No).
NO_TXN_MISTMT	NUMBER	Defines the number of latest transaction that should appear in mini statement.
ISO_VERSION	VARCHAR2(1)	Indicates the version of ISO that the set up has been configured to process. (0 - 1987,1 -1993, 2- 2003).
NO_CHK_LEAVES	NUMBER(2)	Defines the number of cheques in one cheque book.
ACC_STMT_PERIOD	NUMBER(2)	Defines the duration of account statement period.
UTIL_PROV_ACC_SEND	VARCHAR2(1)	If utility provider account number sent flag value is Y then for utility payment transactions the account number has to be sent in 102 field. If the flag is N then the provider id has to be sent.
BLOCK_EXP_DAYS	VARCHAR2(3)	Defines the number of days after after which the amount block on the account will get expired.
MAX_RETRY_COUNT	NUMBER(2)	Defines the number of retries for a Retail Teller transaction if it fails during processing.
FCC_ACC_FROM_SWITCH	VARCHAR2(1)	If FLEXCUBE account from switch flag value is Y then transaction account received in ISO request is same as FCC account. If the flag is N then transaction account in ISO request is card account and not FCC account.
ONLY_PAN_FROM_SWITCH	VARCHAR2(1)	If only PAN from switch flag value is Y then transaction account is not mandatory in ISO request. If the flag is N then in the request, transaction account is mandatory.
CHANNEL	VARCHAR2(3)	The channel for which parametric configurations are defined. (For e.g.Charge on Balance Enquiry or Mini Statement).

2.4. SWTB_PROCESS_STATUS

Description - Switch param table for running Jobs.

Primary Key and Foreign Keys -

Primary Key	PROCESS

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PROCESS	VARCHAR2(255)	Name of the process in job browser.
STATUS	VARCHAR2(1)	Indicates the current status of the job.

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FUNCTION_ID	VARCHAR2(8)	Function ID associated with the process.

2.5. SWTB_RESPONSE_MAP

Description - Table to map FLEXCUBE error code with ISO response code.

Primary Key and Foreign Keys -

Primary Key	ERR_CODE

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
ERR_CODE	VARCHAR2(11)	FLEXCUBE error code that can be raised by the system.
ISO_2003_RESP_CODE	VARCHAR2(4)	ISO_2003 response code mapped to FLECUBE error code.
ISO_1993_RESP_CODE	VARCHAR2(3)	ISO_1993 response code mapped to FLECUBE error code.
ISO_1987_RESP_CODE	VARCHAR2(2)	ISO_1987 response code mapped to FLECUBE error code.

2.6. SWTB_RETRY_LOG

Description - Table to store details of transactions that have to be re tried.

Primary Key and Foreign Keys -

Primary Key	P_KEY

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_ERR_IND	VARCHAR2(140)	Message Error Indicator
ACQ_INST_CTRY	VARCHAR2(3)	Field # 19 in ISO
PAN_EXT_CTRY	VARCHAR2(3)	Field # 20 in ISO
FWD_INST_CTRY	VARCHAR2(3)	Field # 21 in ISO
TXN_FEE_AMT	VARCHAR2(10)	Field # 28 in ISO
SETL_FEE_AMT	VARCHAR2(10)	Field # 29 in ISO
TXN_PROC_FEE	VARCHAR2(10)	Field # 30 in ISO
SETL_PROC_FEE	VARCHAR2(10)	Field # 31 in ISO
ACQ_INS_ID	VARCHAR2(11)	Field # 32 in ISO
FWD_INS_ID	VARCHAR2(11)	Field # 33 in ISO
RRN	VARCHAR2(12)	Field # 37 in ISO
AUTH_CODE	VARCHAR2(6)	Field # 38 in ISO
RESP_CODE	VARCHAR2(50)	Field # 39 in ISO
TERM_ID	VARCHAR2(16)	Field # 41 in ISO
AMOUNT_FEE	VARCHAR2(216)	Field # 46 in ISO
TXN_CCY_CODE	VARCHAR2(3)	Indicates the Transaction Currency Code
SETL_CCY_CODE	VARCHAR2(3)	Indicates the Settlement Currency Code
BILL_CCY_CODE	VARCHAR2(3)	Indicates the Billing Currency Code
ADD_AMT	VARCHAR2(999)	Additional amount.This field contains account balance information for a given card holder account.
AMT_ORIG_FEE	VARCHAR2(216)	Field # 66 in ISO
ORG_DATA	VARCHAR2(42)	Field # 90 in ISO
FROM_ACC	VARCHAR2(28)	Indicates the Originating Account
TO_ACC	VARCHAR2(28)	Indicates the Destination Account
TXN_DESC	VARCHAR2(999)	Indicates the Transaction Description from switch
PRE_AUTH_N_CHG_BCK	VARCHAR2(41)	Pre-Authorization and Charge back data
MINI_STMT_DATA	VARCHAR2(999)	Mini Statement Data that is generated for a mini statement request.
FC_LITERAL	VARCHAR2(3)	Indicates the FLEXCUBE literal.
OFFUS_ONUS	VARCHAR2(1)	Indicates the type of transaction (R - Remote Onus, O - Onus, F - Offus)
PRODUCT_CODE	VARCHAR2(4)	Indicates the product code that is mapped for the transaction
TXN_AMT_DERIVED	NUMBER(22,3)	Amount that will be used to handoff to RT module
OFSET_AMT_DERIVED	NUMBER(22,3)	Amount that will be used to handoff to RT module

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TXN_DT	DATE	Transaction date of RT transaction
VALUE_DT	DATE	Value date of RT transaction
TXN_CCY_FCC	VARCHAR2(3)	Indicates the Transaction Currency Code
SETL_CCY_FCC	VARCHAR2(3)	Indicates the Settlement Currency Code
BILL_CCY_FCC	VARCHAR2(3)	Indicates the Billing Currency Code
TXN_CCY_DERIVED	VARCHAR2(3)	Currency that will be used to handoff to RT module
OFSET_CCY_DERIVED	VARCHAR2(3)	Currency that will be used to handoff to RT module
RATE_TYPE	VARCHAR2(8)	Indicated rate type
RATE_CODE	VARCHAR2(1)	Indicated rate code
X_RATE_DERIVED	NUMBER(24,12)	Exchange rate between transaction and offset curriency as in RT module.
TXN_ACC_NO_FCC	VARCHAR2(20)	Transaction account that will be used to handoff to RT module
OFF_ACC_NO_FCC	VARCHAR2(20)	Offset account that will be used to handoff to RT module
TXN_ACC_TYPE_FCC	VARCHAR2(1)	Account type of Transaction account
OFF_ACC_TYPE_FCC	VARCHAR2(1)	Account type of Offset account account
TXN_ACC_CCY_FCC	VARCHAR2(3)	Currency that will be used to handoff to RT module
OFF_ACC_CCY_FCC	VARCHAR2(3)	Currency that will be used to handoff to RT module
TXN_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Transaction Fee Currency Code
SETL_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Settlement Fee Currency Code
TXN_PROC_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Transaction Processing Fee Currency Code
SETL_PROC_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Settlement Processing Fee Currency Code
ORIG_BRANCH_CODE	VARCHAR2(3)	Indicates the originating branch code.
ACC_BRANCH_CODE	VARCHAR2(3)	Branch Code of Transaction account
OFF_BRANCH_CODE	VARCHAR2(3)	branch code ok offset account that will be used to handoff to RT module
USER_ID	VARCHAR2(12)	The FLEXCUBE user that is used for audit purpose.
CASH_GL	VARCHAR2(20)	The cash GL to which funds have to be parked in case of intelligent deposits.
SOURCE	VARCHAR2(15)	The source that is used for switch transactions
AVL_BAL_DERIVED	NUMBER(22,3)	Available balance in the account.
CURR_BAL_DERIVED	NUMBER(22,3)	Current balance in account.
UNCOL_BAL_DERIVED	NUMBER(22,3)	Un collected funds avalable in account.
PROC_CTL_STR	VARCHAR2(5)	Process control string. This field is used for internal processing.
TRN_REF_NO_FCC	VARCHAR2(16)	Transaction reference number generated in FLEXCUBE.
AMOUNT_BLOCK_NO	VARCHAR2(35)	Amount block reference number in FLEXCUBE.
TXN_TYPE	VARCHAR2(1)	Indicates the type of the transaction (P - Processes RT / B - Amount Blocking and no RT/ U - Unblock and delete RT / Y - unblock and complete / X - Except date updation / R - Reversal)
RETRY_COUNT	NUMBER(2)	Indicates the number of re tries that have been made.
TXN_FEE	NUMBER(22,3)	Indicates the Transaction Fee
TXN_FEE_CCY	VARCHAR2(3)	Indicates the Transaction Fee Currency Code
TXN_FEE_DESC	VARCHAR2(255)	Indicates the Transaction Fee Description
TXN_PROCESS_FEE	NUMBER(22,3)	Indicates the Transaction Processing Fee
TXN_PROCESS_FEE_CCY	VARCHAR2(3)	Indicates the Transaction Processing Fee Currency Code
TXN_PROCESS_FEE_DESC	VARCHAR2(255)	Indicates the Transaction Processing Fee Description
REPAIR_REASON	VARCHAR2(255)	The FLEXCUBE error code that is raised during processing.
STATUS	VARCHAR2(1)	Indicates the current status of the transaction.(U- Un Processed / S - success /X - Suspense /R - Repair/ D - Reverse)
P_KEY	VARCHAR2(255)	Indicates the Primary Key value of ISO request. It uniquely identifies a transaction.
MSG_TYPE	VARCHAR2(4)	Indicates the Message Type of the request. Its 4 digit value after the custom header in the ISO request.
PAN	VARCHAR2(19)	Indicates the Primary Account Number (Card number)
PROC_CODE	VARCHAR2(6)	Indicates the Processing Code
TXN_AMT	VARCHAR2(16)	Indicates the Transaction Amount
SETL_AMT	VARCHAR2(16)	Indicates the Settlement Amount
BILL_AMT	VARCHAR2(16)	Indicates the Billing amount
TRANS_DT_TIME	VARCHAR2(10)	Indicates the Transaction Date and Time
BILL_FEE_AMT	VARCHAR2(10)	Field # 8 in ISO. Bill Fee amount.
SETL_X_RATE	VARCHAR2(8)	Settlement exchange rate

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COLUMN	DATA TYPE	DESCRIPTION
BILL_X_RATE	VARCHAR2(8)	Bill exchange rate
STAN	VARCHAR2(12)	Indicates the System Trace Audit Number
LOCAL_TXN_TIME	VARCHAR2(14)	Field # 12 in ISO
LOCAL_TXN_DT	VARCHAR2(6)	Field # 13 in ISO
EXP_DATE	VARCHAR2(4)	Indicates the Expiry Date
SETL_DATE	VARCHAR2(8)	Indicates the Settlement Date
CONV_DATE	VARCHAR2(4)	Indicates the Conversion Date
CAPT_DATE	VARCHAR2(4)	Indicates the Capture Date
MERC_CTG_CODE	VARCHAR2(4)	Not Used
XREF	VARCHAR2(16)	FLEXCUBE External Reference Number that is generated by the system during processing of request.
CUST_CATEGORY	VARCHAR2(10)	Customer category that is derived.
NETWORK	VARCHAR2(20)	Network from which transaction is received.
ACQ_COUNTRY	VARCHAR2(3)	Field # 19 in ISO. Acquirer country.
CHANNEL	VARCHAR2(3)	The channels that support the Flexcube literal.

2.7. SWTB_RETRY_LOG_HIST

Description - Table to store details of transactions that have to be re tried history

Primary Key and Foreign Keys -   Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_ERR_IND	VARCHAR2(140)	Message Error Indicator
ACQ_INST_CTRY	VARCHAR2(3)	Field # 19 in ISO
PAN_EXT_CTRY	VARCHAR2(3)	Field # 20 in ISO
FWD_INST_CTRY	VARCHAR2(3)	Field # 21 in ISO
TXN_FEE_AMT	VARCHAR2(10)	Field # 28 in ISO
SETL_FEE_AMT	VARCHAR2(10)	Field # 29 in ISO
TXN_PROC_FEE	VARCHAR2(10)	Field # 30 in ISO
SETL_PROC_FEE	VARCHAR2(10)	Field # 31 in ISO
ACQ_INS_ID	VARCHAR2(11)	Field # 32 in ISO
FWD_INS_ID	VARCHAR2(11)	Field # 33 in ISO
RRN	VARCHAR2(12)	Field # 37 in ISO
AUTH_CODE	VARCHAR2(6)	Field # 38 in ISO
RESP_CODE	VARCHAR2(50)	Field # 39 in ISO
TERM_ID	VARCHAR2(16)	Field # 41 in ISO
AMOUNT_FEE	VARCHAR2(216)	Field # 46 in ISO
TXN_CCY_CODE	VARCHAR2(3)	Indicates the Transaction Currency Code
SETL_CCY_CODE	VARCHAR2(3)	Indicates the Settlement Currency Code
BILL_CCY_CODE	VARCHAR2(3)	Indicates the Billing Currency Code
ADD_AMT	VARCHAR2(999)	Additional amount.This field contains account balance information for a given card holder account.
AMT_ORIG_FEE	VARCHAR2(216)	Field # 66 in ISO
ORG_DATA	VARCHAR2(42)	Field # 90 in ISO
FROM_ACC	VARCHAR2(28)	Indicates the Originating Account
TO_ACC	VARCHAR2(28)	Indicates the Destination Account
TXN_DESC	VARCHAR2(999)	Indicates the Transaction Description from switch
PRE_AUTH_N_CHG_BCK	VARCHAR2(41)	Pre-Authorization and Charge back data
MINI_STMT_DATA	VARCHAR2(999)	Mini Statement Data that is generated for a mini statement request.
FC_LITERAL	VARCHAR2(3)	Indicates the FLEXCUBE literal.
OFFUS_ONUS	VARCHAR2(1)	Indicates the type of transaction (R - Remote Onus, O - Onus, F - Offus)
PRODUCT_CODE	VARCHAR2(4)	Indicates the product code that is mapped for the transaction
TXN_AMT_DERIVED	NUMBER(22,3)	Amount that will be used to handoff to RT module
OFSET_AMT_DERIVED	NUMBER(22,3)	Amount that will be used to handoff to RT module
TXN_DT	DATE	Transaction date of RT transaction
VALUE_DT	DATE	Value date of RT transaction
TXN_CCY_FCC	VARCHAR2(3)	Indicates the Transaction Currency Code
SETL_CCY_FCC	VARCHAR2(3)	Indicates the Settlement Currency Code
BILL_CCY_FCC	VARCHAR2(3)	Indicates the Billing Currency Code

TXN_CCY_DERIVED	VARCHAR2(3)	Currency that will be used to handoff to RT module
OFSET_CCY_DERIVED	VARCHAR2(3)	Currency that will be used to handoff to RT module
RATE_TYPE	VARCHAR2(8)	Indicated rate type
RATE_CODE	VARCHAR2(1)	Indicated rate code
X_RATE_DERIVED	NUMBER(24,12)	Exchange rate between transaction and offset curriency as in RT module.
TXN_ACC_NO_FCC	VARCHAR2(20)	Transaction account that will be used to handoff to RT module
OFF_ACC_NO_FCC	VARCHAR2(20)	Offset account that will be used to handoff to RT module
TXN_ACC_TYPE_FCC	VARCHAR2(1)	Account type of Transaction account
OFF_ACC_TYPE_FCC	VARCHAR2(1)	Account type of Offset account account
TXN_ACC_CCY_FCC	VARCHAR2(3)	Currency that will be used to handoff to RT module
OFF_ACC_CCY_FCC	VARCHAR2(3)	Currency that will be used to handoff to RT module
TXN_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Transaction Fee Currency Code
SETL_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Settlement Fee Currency Code
TXN_PROC_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Transaction Processing Fee Currency Code
SETL_PROC_FEE_CCY_FCC	VARCHAR2(3)	Indicates the Settlement Processing Fee Currency Code
ORIG_BRANCH_CODE	VARCHAR2(3)	Indicates the originating branch code.
ACC_BRANCH_CODE	VARCHAR2(3)	Branch Code of Transaction account
OFF_BRANCH_CODE	VARCHAR2(3)	branch code ok offset account that will be used to handoff to RT module
USER_ID	VARCHAR2(12)	The FLEXCUBE user that is used for audit purpose.
CASH_GL	VARCHAR2(20)	The cash GL to which funds have to be parked in case of intelligent deposits.
SOURCE	VARCHAR2(15)	The source that is used for switch transactions
AVL_BAL_DERIVED	NUMBER(22,3)	Available balance in the account.
CURR_BAL_DERIVED	NUMBER(22,3)	Current balance in account.
UNCOL_BAL_DERIVED	NUMBER(22,3)	Un collected funds avalable in account.
PROC_CTL_STR	VARCHAR2(5)	Process control string. This field is used for internal processing.
TRN_REF_NO_FCC	VARCHAR2(16)	Transaction reference number generated in FLEXCUBE.
AMOUNT_BLOCK_NO	VARCHAR2(35)	Amount block reference number in FLEXCUBE.
TXN_TYPE	VARCHAR2(1)	Indicates the type of the transaction (P - Processes RT / B - Amount Blocking and no RT/ U - Unblock and delete RT / Y - unblock and complete / X - Except date updation / R - Reversal)
RETRY_COUNT	NUMBER(2)	Indicates the number of re tries that have been made.
TXN_FEE	NUMBER(22,3)	Indicates the Transaction Fee
TXN_FEE_CCY	VARCHAR2(3)	Indicates the Transaction Fee Currency Code
TXN_FEE_DESC	VARCHAR2(255)	Indicates the Transaction Fee Description
TXN_PROCESS_FEE	NUMBER(22,3)	Indicates the Transaction Processing Fee
TXN_PROCESS_FEE_CCY	VARCHAR2(3)	Indicates the Transaction Processing Fee Currency Code
TXN_PROCESS_FEE_DESC	VARCHAR2(255)	Indicates the Transaction Processing Fee Description
REPAIR_REASON	VARCHAR2(255)	The FLEXCUBE error code that is raised during processing.
STATUS	VARCHAR2(1)	Indicates the current status of the transaction.(U- Un Processed / S - success /X - Suspense /R - Repair/ D - Reverse)
P_KEY	VARCHAR2(255)	Indicates the Primary Key value of ISO request. It uniquely identifies a transaction.
MSG_TYPE	VARCHAR2(4)	Indicates the Message Type of the request. Its 4 digit value after the custom header in the ISO request.
PAN	VARCHAR2(19)	Indicates the Primary Account Number (Card number)
PROC_CODE	VARCHAR2(6)	Indicates the Processing Code
TXN_AMT	VARCHAR2(16)	Indicates the Transaction Amount
SETL_AMT	VARCHAR2(16)	Indicates the Settlement Amount
BILL_AMT	VARCHAR2(16)	Indicates the Billing amount
TRANS_DT_TIME	VARCHAR2(10)	Indicates the Transaction Date and Time
BILL_FEE_AMT	VARCHAR2(10)	Field # 8 in ISO. Bill Fee amount.
SETL_X_RATE	VARCHAR2(8)	Settlement exchange rate
BILL_X_RATE	VARCHAR2(8)	Bill exchange rate
STAN	VARCHAR2(12)	Indicates the System Trace Audit Number
LOCAL_TXN_TIME	VARCHAR2(14)	Field # 12 in ISO
LOCAL_TXN_DT	VARCHAR2(6)	Field # 13 in ISO
EXP_DATE	VARCHAR2(4)	Indicates the Expiry Date

COLUMN	DATA TYPE	DESCRIPTION
SETL_DATE	VARCHAR2(8)	Indicates the Settlement Date
CONV_DATE	VARCHAR2(4)	Indicates the Conversion Date
CAPT_DATE	VARCHAR2(4)	Indicates the Capture Date
MERC_CTG_CODE	VARCHAR2(4)	Not Used
XREF	VARCHAR2(16)	FLEXCUBE External Reference Number that is generated by the system during processing of request.
CUST_CATEGORY	VARCHAR2(10)	Customer category that is derived.
NETWORK	VARCHAR2(20)	Network from which transaction is received.
ACQ_COUNTRY	VARCHAR2(3)	Field # 19 in ISO. Acquirer country.
CHANNEL	VARCHAR2(3)	The channels that support the Flexcube literal.

2.8. SWTB_SETTLEMENT

Description - Processing table for records that are processed during network/merchant/switch settlement.

Primary Key and Foreign Keys -   Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MSG_TYPE	VARCHAR2(4)	Indicates the Message Type of the request. Its 4 digit value after the custom header in the ISO request.
PAN	VARCHAR2(19)	Indicates the Primary Account Number (Card number)
BRANCH_CODE	VARCHAR2(3)	Indicates the originating branch code.
ACC	VARCHAR2(28)	Indicates the Originating Account
TXN_CODE	VARCHAR2(10)	Indicates the Processing Code
PROC_CODE	VARCHAR2(6)	Indicates the Processing Code
TXN_AMT	NUMBER(22,3)	Indicates the Transaction Amount
TXN_CCY_CODE	NUMBER(3)	Indicates the Transaction Currency Code
SETL_AMT	NUMBER(22,3)	Indicates the Settlement Amount
SETL_CCY_CODE	NUMBER(3)	Indicates the Settlement Currency Code
BILL_AMT	NUMBER(22)	Indicates the Billing amount
BILL_CCY_CODE	NUMBER(3)	Indicates the Billing Currency Code
TXN_DATE	DATE	Indicates the settlement date of the transaction
TXN_TIME	VARCHAR2(6)	Indicates the transaction Time.
STAN	VARCHAR2(12)	Indicates the System Trace Audit Number
ORIGINAL_STAN	VARCHAR2(12)	Indicates the original System Trace Audit Number
ACQ_ID	VARCHAR2(6)	Indicates the Acquirer institution Id
TERM_ID	VARCHAR2(16)	Indicates the Terminal ID where transaction is captured.
CARD_ACCPTOR_ID	VARCHAR2(20)	Indicates the card acceptor ID.
MERCHANT_ID	VARCHAR2(20)	Indicates the merchant ID
MERCHANT_NAME	VARCHAR2(40)	Indicates the merchant name
MERCHANT_CITY	VARCHAR2(40)	Indicates the merchant city
MERCHANT_COUNTRY	VARCHAR2(10)	Indicates the merchant country
MERCHANT_CATEGORY _CODE	NUMBER(4)	Indicates the merchant category code.
RRN	VARCHAR2(12)	Indicates the Retrieval Reference Number
AUTH_CODE	VARCHAR2(6)	This field contains the Authorization code. This is issuer generated reference number.
AUTH_REF	VARCHAR2(20)	This field contains the Authorization reference.
RESP_CODE	NUMBER(4)	A code that defines the response to a request or the message disposition. 00 is considered as approved and the rest as rejected.
DOMESTIC_FLAG	VARCHAR2(1)	Not Used
SETL_ACC	VARCHAR2(28)	Indicates the settlement acciunt.
NETWORK_ID	VARCHAR2(20)	In case of network settlement file it indicates the network to reconsile with.
STATUS	VARCHAR2(20)	Indicates the status (S - Succussfull,F - Unsuccussfull, R - Reversal)
ERR_CODE	VARCHAR2(28)	FLEXCUBE Error Codes raised by system during settlement processing.
ERR_PARAM	VARCHAR2(255)	FLEXCUBE Error Parameters raised by system during settlement processing.
CHANNEL	VARCHAR2(3)	Channel from which transaction has arrived. (Possible values ATM, POS, IVR and ALL)
PRE_AUTH_N_CHG_BCK	VARCHAR2(45)	Pre-Authorization and Charge back data

2.9. SWTB_SETTLEMENT_HIST

Description - Processing table for records that are processed during network/merchant/switch settlement history.

Primary Key and Foreign Keys - **Column Descriptions -**

COLUMN	DATA TYPE	DESCRIPTION
MSG_TYPE	VARCHAR2(4)	Indicates the Message Type of the request. Its 4 digit value after the custom header in the ISO request.
PAN	VARCHAR2(19)	Indicates the Primary Account Number (Card number)
BRANCH_CODE	VARCHAR2(3)	Indicates the originating branch code.
ACC	VARCHAR2(28)	Indicates the Originating Account
TXN_CODE	VARCHAR2(10)	Indicates the Processing Code
PROC_CODE	VARCHAR2(6)	Indicates the Processing Code
TXN_AMT	NUMBER(22,3)	Indicates the Transaction Amount
TXN_CCY_CODE	NUMBER(3)	Indicates the Transaction Currency Code
SETL_AMT	NUMBER(22,3)	Indicates the Settlement Amount
SETL_CCY_CODE	NUMBER(3)	Indicates the Settlement Currency Code
BILL_AMT	NUMBER(22)	Indicates the Billing amount
BILL_CCY_CODE	NUMBER(3)	Indicates the Billing Currency Code
TXN_DATE	DATE	Indicates the settlement date of the transaction
TXN_TIME	VARCHAR2(6)	Indicates the transaction Time.
STAN	VARCHAR2(12)	Indicates the System Trace Audit Number
ORIGINAL_STAN	VARCHAR2(12)	Indicates the original System Trace Audit Number
ACQ_ID	VARCHAR2(6)	Indicates the Acquirer institution Id
TERM_ID	VARCHAR2(16)	Indicates the Terminal ID where transaction is captured.
CARD_ACCPTOR_ID	VARCHAR2(20)	Indicates the card acceptor ID.
MERCHANT_ID	VARCHAR2(20)	Indicates the merchant ID
MERCHANT_NAME	VARCHAR2(40)	Indicates the merchant name
MERCHANT_CITY	VARCHAR2(40)	Indicates the merchant city
MERCHANT_COUNTRY	VARCHAR2(10)	Indicates the merchant country
MERCHANT_CATEGORY_CODE	NUMBER(4)	Indicates the merchant category code.
RRN	VARCHAR2(12)	Indicates the Retrieval Reference Number
AUTH_CODE	VARCHAR2(6)	This field contains the Authorization code. This is issuer generated reference number.
AUTH_REF	VARCHAR2(20)	This field contains the Authorization reference.
RESP_CODE	NUMBER(4)	A code that defines the response to a request or the message disposition. 00 is considered as approved and the rest as rejected.
DOMESTIC_FLAG	VARCHAR2(1)	Not Used
SETL_ACC	VARCHAR2(28)	Indicates the settlement acciunt.
NETWORK_ID	VARCHAR2(20)	In case of network settlement file it indicates the network to reconsile with.
STATUS	VARCHAR2(20)	Indicates the status (S - Succussfull,F - Unsuccussfull, R - Reversal)
ERR_CODE	VARCHAR2(28)	FLEXCUBE Error Codes raised by system during settlement processing.
ERR_PARAM	VARCHAR2(255)	FLEXCUBE Error Parameters raised by system during settlement processing.
CHANNEL	VARCHAR2(3)	Channel from which transaction has arrived. (Possible values ATM, POS, IVR and ALL)
PRE_AUTH_N_CHG_BCK	VARCHAR2(45)	Pre-Authorization and Charge back data

2.10. SWTB_TERMID_BRANCH_MAPPING

Description - To map the terminal ID to originating branch.

Primary Key and Foreign Keys - **Column Descriptions -**

COLUMN	DATA TYPE	DESCRIPTION
TERMID	VARCHAR2(16)	Indicates Terminal ID from which request originates.
ORIG_BRANCH	VARCHAR2(3)	Indicates orignating branch code to which terminal is mapped.

2.11. SWTB_TXN_HIST

Description - Table to store the details of transaction from SWIG interface history.

Primary Key and Foreign Keys -

Primary Key	XREF

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
P_KEY	VARCHAR2(255)	Indicates the Primary Key value of ISO request. It uniquely identifies a transaction.
MSG_TYPE	VARCHAR2(4)	Indicates the Message Type of the request. Its 4 digit value after the custom header in the ISO request.
PAN	VARCHAR2(19)	Indicates the Primary Account Number (Card number)
PROC_CODE	VARCHAR2(6)	Indicates the Processing Code
TXN_AMT	VARCHAR2(12)	Indicates the Transaction Amount
SETL_AMT	VARCHAR2(12)	Indicates the Settlement Amount
BILL_AMT	VARCHAR2(12)	Indicates the Billing amount
TRANS_DT_TIME	VARCHAR2(10)	Indicates the Transaction Date and Time
STAN	VARCHAR2(6)	Indicates the System Trace Audit Number
ACQ_INS_ID	VARCHAR2(11)	Indicates the Acquirer institution Id
FWD_INS_ID	VARCHAR2(11)	Indicates the Forwarder institution Id
RRN	VARCHAR2(12)	Indicates the Retrieval Reference Number
RESP_CODE	VARCHAR2(4)	Indicates the ISO response code
TERM_ID	VARCHAR2(8)	Indicates the Terminal ID where transaction is captured.
TXN_CCY_CODE	VARCHAR2(3)	Indicates the Transaction Currency Code
SETL_CCY_CODE	VARCHAR2(3)	Indicates the Settlement Currency Code
BILL_CCY_CODE	VARCHAR2(3)	Indicates the Billing Currency Code
FROM_ACC	VARCHAR2(28)	Indicates the Originating Account
TO_ACC	VARCHAR2(28)	Indicates the Destination Account
TXN_DESC	VARCHAR2(255)	Indicates the Transaction Description from switch
EXP_DATE	VARCHAR2(4)	Indicates the Expiry Date
SETL_DATE	VARCHAR2(8)	Indicates the Settlement Date
CONV_DATE	VARCHAR2(4)	Indicates the Conversion Date
CAPT_DATE	VARCHAR2(4)	Indicates the Capture Date
MSG_FLOW	VARCHAR2(2000)	Not Used
WORK_PROGRESS	VARCHAR2(1)	Indicates the Status of request. S- Success, F- Failed, C - Reconsiled
ERR_PARAM	VARCHAR2(255)	Indicates the FLEXCUBE error parameters
TRN_REF_NO	VARCHAR2(16)	Indicates the FLEXCUBE Transaction Reference No.
AMOUNT_BLOCK_NO	VARCHAR2(35)	Indicates the Amount Block reference No generated by system.
PURGE_DATE	DATE	Indicates the Indicates Purge Date of the request.
XREF	VARCHAR2(16)	FLEXCUBE External Reference Number that is generated by the system during processing of request.
ADD_AMT	VARCHAR2(4000)	Additional amount.This field contains account balance information for a given card holder account.
MINI_STMT_DATA	VARCHAR2(999)	Mini Statement Data that is generated for a mini statement request.

2.12. SWTB_TXN_LOG

Description - Table to store the details of transaction from SWIG interface.

Primary Key and Foreign Keys -

Primary Key	XREF

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION

P_KEY	VARCHAR2(255)	Indicates the Primary Key value of ISO request. It uniquely identifies a transaction.
MSG_TYPE	VARCHAR2(4)	Indicates the Message Type of the request. Its 4 digit value after the custom header in the ISO request.
PAN	VARCHAR2(19)	Indicates the Primary Account Number (Card number)
PROC_CODE	VARCHAR2(6)	Indicates the Processing Code
TXN_AMT	VARCHAR2(16)	Indicates the Transaction Amount
SETL_AMT	VARCHAR2(16)	Indicates the Settlement Amount
BILL_AMT	VARCHAR2(16)	Indicates the Billing amount
TRANS_DT_TIME	VARCHAR2(10)	Indicates the Transaction Date and Time
STAN	VARCHAR2(12)	Indicates the System Trace Audit Number
ACQ_INS_ID	VARCHAR2(11)	Indicates the Acquirer institution Id
FWD_INS_ID	VARCHAR2(11)	Indicates the Forwarder institution Id
RRN	VARCHAR2(12)	Indicates the Retrieval Reference Number
RESP_CODE	VARCHAR2(4)	Indicates the ISO response code
TERM_ID	VARCHAR2(16)	Indicates the Terminal ID where transaction is captured.
TXN_CCY_CODE	VARCHAR2(3)	Indicates the Transaction Currency Code
SETL_CCY_CODE	VARCHAR2(3)	Indicates the Settlement Currency Code
BILL_CCY_CODE	VARCHAR2(3)	Indicates the Billing Currency Code
FROM_ACC	VARCHAR2(28)	Indicates the Originating Account
TO_ACC	VARCHAR2(28)	Indicates the Destination Account
TXN_DESC	VARCHAR2(255)	Indicates the Transaction Description from switch
EXP_DATE	VARCHAR2(4)	Indicates the Expiry Date
SETL_DATE	VARCHAR2(8)	Indicates the Settlement Date
CONV_DATE	VARCHAR2(4)	Indicates the Conversion Date
CAPT_DATE	VARCHAR2(4)	Indicates the Capture Date
MSG_FLOW	VARCHAR2(2000)	Not Used
WORK_PROGRESS	VARCHAR2(1)	Indicates the Status of request. S- Success, F- Failed, C - Reconsiled
ERR_PARAM	VARCHAR2(255)	Indicates the FLEXCUBE error parameters
TRN_REF_NO	VARCHAR2(16)	Indicates the FLEXCUBE Transaction Reference No.
AMOUNT_BLOCK_NO	VARCHAR2(35)	Indicates the Amount Block reference No generated by system.
PURGE_DATE	DATE	Indicates the Indicates Purge Date of the request.
ERROR_CODE	VARCHAR2(11)	Indicates the FLEXCUBE error code
PRE_AUTH_SEQ_NO	VARCHAR2(16)	Pre-Authorization Sequence number.This is the sequence number that will be matched in FLEXCUBE between Pre-Auth and Pre-Auth Completion. This would be used to get corresponding FLEXCUBE amount block sequence number which needs to be removed.
RECONSILED	VARCHAR2(1)	Indicates Reconsilation status.(S - Reconsiled with Switch , N - Network Settlement done)
XREF	VARCHAR2(16)	FLEXCUBE External Reference Number that is generated by the system during processing of request.
DCN	VARCHAR2(16)	DCN generated by system during prodessing of account statement request.
ADD_AMT	VARCHAR2(4000)	Additional amount.This field contains account balance information for a given card holder account.
MINI_STMT_DATA	VARCHAR2(999)	Mini Statement Data that is generated for a mini statement request.

2.13. SWTB_TXN_SUPPORT_CHANNEL

Description - This table is used to store the allowed list of channels for a flexcube litreral

Primary Key and Foreign Keys -

Primary Key	FC_LITERAL,CHANNEL

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
FC_LITERAL	VARCHAR2(3)	Indicates the Flexcube Literal that is configured as allowed / disallowed for a channel.
DESCRIPTION	VARCHAR2(225)	No longer Used
ATM_SUPPORT	VARCHAR2(1)	No longer Used

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POS_SUPPORT	VARCHAR2(1)	No longer Used
IVR_SUPPORT	VARCHAR2(1)	No longer Used
CHANNEL	VARCHAR2(30)	The channels that support the Flexcube literal.

2.14. SWTM_ACQUIRER_DETAILS

Description - Table for Acquirer details

Primary Key and Foreign Keys -

Primary Key	ACQ_BIN

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
ACQ_BIN	VARCHAR2(11)	Acquirer Bank identification number (BIN)
ACQ_DESC	VARCHAR2(225)	Acquirer Bank identification description
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
MOD_NO	NUMBER(4)	Indicates the modification number
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
NETWORK_ID	VARCHAR2(20)	Network ID associated with Acquirer bank

2.15. SWTM_CARD_DETAILS

Description - Table for Card details

Primary Key and Foreign Keys -

Primary Key	ATM_CARD_NO,ATM_ACC_NO

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
ATM_ACC_NO	VARCHAR2(28)	ATM account number
ATM_CARD_NO	VARCHAR2(19)	ATM card number
FCC_ACC_BRN	VARCHAR2(3)	Flexcube account branch
FCC_ACC_NO	VARCHAR2(20)	Flexcube account number
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
MOD_NO	NUMBER(4)	Indicates the modification number

2.16. SWTM_CHANNEL

Description - Table keeps channels that are defined and its description

Primary Key and Foreign Keys -

Primary Key	CHANNEL

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION

CHANNEL	VARCHAR2(3)	Channel from which transaction can arrived.
DESCRIPTION	VARCHAR2(100)	Decription of channel from which transaction can arrived.
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
MOD_NO	VARCHAR2(4)	Indicates the modification number

2.17. SWTM_FCLITERAL_CODE

Description - Table for Flexcube literal code maintaince

Primary Key and Foreign Keys -

Primary Key	PROC_CODE_TYPE

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PROC_CODE_TYPE	VARCHAR2(2)	Product code type mapped to FC literal
FC_LITERAL	VARCHAR2(3)	Flexcube literal (A three digit literal picked from a drop list based on static list)
EXT_TXN_CODE	VARCHAR2(2)	External Transaction code (The value send from the interchange during network settlements)
DESCRIPTION	VARCHAR2(225)	Description of FC Literal
RECORD_STAT	CHAR(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	CHAR(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
MOD_NO	NUMBER(4)	Indicates the modification number
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
ONCE_AUTH	CHAR(1)	Indicates if the contract is authorized at least once
CHANNEL	VARCHAR2(1)	The channels that support the Flexcube literal.
ATM_SUPPORT	VARCHAR2(1)	Indicates if ATM transactions are supported.
POS_SUPPORT	VARCHAR2(1)	Indicates if POS transactions are supported.
IVR_SUPPORT	VARCHAR2(1)	Indicates if IVR transactions are supported.

2.18. SWTM_ISSUER_DETAILS

Description - Issuer Bank details

Primary Key and Foreign Keys -

Primary Key	ISS_BIN

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
ISS_BIN	VARCHAR2(6)	Issuer Bank Identification Number (BIN)
ISS_DESC	VARCHAR2(225)	Issuer Bank Identification Description
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
MOD_NO	VARCHAR2(1)	Indicates the modification number
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised

COLUMN	DATA TYPE	DESCRIPTION
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
NETWORK_ID	VARCHAR2(20)	Network ID associated with Issuer

2.19. SWTM_MERCHANT_DETAILS

Description - Table for Merchant details

Primary Key and Foreign Keys -

Primary Key	MERCHANT_ID

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
MERCHANT_ID	VARCHAR2(16)	Merchant Identification
ACCOUNT_NO	VARCHAR2(20)	Account of Merchant
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
ACCOUNT_BRANCH	VARCHAR2(3)	Branch code of account held my merchant.
MOD_NO	NUMBER(4)	Indicates the modification number

2.20. SWTM_NETWORK_DETAILS

Description - Table for Network ID details

Primary Key and Foreign Keys -

Primary Key	NETWORK_ID

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
NETWORK_ID	VARCHAR2(20)	Network Identification
ACCOUNT_NO	VARCHAR2(20)	Account number of Network
DESCRIPTION	VARCHAR2(225)	Network ID description
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
ACCOUNT_BRANCH	VARCHAR2(3)	Branch of Network ID account
MOD_NO	NUMBER(4)	Indicates the modification number

2.21. SWTM_PRODUCT_MAPPING

Description - Table for Product mapping

Primary Key and Foreign Keys -

Primary Key	FC_LITERAL,CATEGORY,NETWORK,ACQ_COUNTRY,CHANNEL

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION

COLUMN	DATA TYPE	DESCRIPTION
FC_LITERAL	VARCHAR2(3)	Flexcube literal (A three digit literal picked from a drop list based on static list)
CATEGORY	VARCHAR2(1)	Indicates the type of settlement for which file is uploaded. (S - Switch, N - Network, M - Mechant)
PRODUCT_CODE	VARCHAR2(4)	Indicates the product code that is mapped for the transaction
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
MOD_NO	NUMBER(4)	Indicates the modification number
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
CUST_CATEGORY	VARCHAR2(10)	Customer category that is derived.
NETWORK	VARCHAR2(20)	Network from which transaction is received.
ACQ_COUNTRY	VARCHAR2(3)	Field # 19 in ISO. Acquirer country.
CHANNEL	VARCHAR2(3)	The channels that support the Flexcube literal.

2.22. SWTM_TERMINAL_DETAILS

Description - Table for Terminal details

Primary Key and Foreign Keys -

Primary Key	TERM_ID

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
TERM_ID	VARCHAR2(16)	The terminal id by which an ATM machine and POS machine is uniquely identified.
ORG_BRN	VARCHAR2(3)	Originated Branch associated with the terminal.
CASH_GL	VARCHAR2(20)	Cash General Ledger if channel is ATM
MERCH_ID	VARCHAR2(16)	Merchant ID id channel is POS
TERM_ADDR	VARCHAR2(105)	Terminal Address
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
CHANNEL	VARCHAR2(3)	Channel from which transaction has arrived.
INTELLIGENT_DEPOSIT	VARCHAR2(1)	Intelligent deposit flag (Y- Yes, N- No)
MOD_NO	NUMBER(4)	Indicates the modification number

2.23. SWTM_UPLOAD_CARD_DETAILS

Description - Base table for upload of card file

Primary Key and Foreign Keys -

Primary Key	FILE_NAME,FILE_PATH

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
FILE_NAME	VARCHAR2(255)	Indicates the name of the file that has to be uploaded.
FILE_PATH	VARCHAR2(255)	Indicates the path on the DB server from where file has to be uploaded.
STATUS	VARCHAR2(1)	Not Used

INTRADAY_SEQUENCE_NO	VARCHAR2(10)	Not Used
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
MOD_NO	NUMBER(4)	Indicates the modification number

2.24. SWTM_UPLOAD_CHQ_BOOK_REQ

Description - Upload table for check book request

Primary Key and Foreign Keys -   **Column Descriptions -**

COLUMN	DATA TYPE	DESCRIPTION
BRANCH	VARCHAR2(3)	Branch where account is issued
ACCOUNT	VARCHAR2(20)	Flexcube Account number against which cheque book is issued
FIRST_CHECK_NO	VARCHAR2(16)	First check number of check book issued
CHECK_LEAVES	NUMBER(3)	Number of leaves in check book
ORDER_DATE	DATE	Date on which check book is ordered
ISSUE_DATE	DATE	Date on which check book is issued to customer
ORDER_DETAILS	VARCHAR2(105)	Check Order details.
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
MOD_NO	NUMBER(4)	Indicates the modification number
ONCE_AUTH	CHAR(1)	Indicates if the contract is authorized at least once
AUTH_STAT	CHAR(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
RECORD_STAT	CHAR(1)	Indicates the record status.Values O=Open,C=Closed
CHQ_TYPE	VARCHAR2(4)	Type of cheque (Commercial/Euro)
PRINT_STATUS	VARCHAR2(1)	Status of cheque has been printed.
EXTERNAL_REF_NO	VARCHAR2(16)	External reference number
INCL_FOR_CHKBOOK_PRINTING	CHAR(1)	Is it Included for check book printing
UPLOAD_STAT	VARCHAR2(1)	Upload status for check book

2.25. SWTM_UPLOAD_SETTLEMENT

Description - Base table for upload of settltment file

Primary Key and Foreign Keys -

Primary Key	FILE_NAME,FILE_PATH

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
FILE_NAME	VARCHAR2(255)	Indicates the name of the file that has to be uploaded.
FILE_PATH	VARCHAR2(255)	Indicates the path on the DB server from where file has to be uploaded.
STATUS	VARCHAR2(1)	Not Used
INTRADAY_SEQUENCE_NO	VARCHAR2(10)	Not Used
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
MOD_NO	VARCHAR2(1)	Indicates the modification number

RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
NETWORK_ID	VARCHAR2(20)	In case of network settlement file it indicates the network to reconsile with.
CATEGORY	VARCHAR2(1)	Indicates the type of settlement for which file is uploaded. (S - Switch, N - Network, M - Mechant)
CHANNEL	VARCHAR2(3)	Channel from which transaction has arrived. (Possible values ATM, POS, IVR and ALL)

2.26. SWTM_UPLOAD_TERMID

Description - Base table for upload of terminal ID file

Primary Key and Foreign Keys -

Primary Key	FILE_NAME,FILE_PATH

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
FILE_NAME	VARCHAR2(255)	Indicates the name of the file that has to be uploaded.
FILE_PATH	VARCHAR2(255)	Indicates the path on the DB server from where file has to be uploaded.
STATUS	VARCHAR2(1)	Not Used
INTRADAY_SEQUENCE_ NO	VARCHAR2(10)	Not Used
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
MOD_NO	NUMBER(4)	Indicates the modification number

2.27. SWTM_UTIL_PROV_DETAILS

Description - Table for Utility provider details

Primary Key and Foreign Keys -

Primary Key	UTILITY_PROVIDER_ID

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
ACCOUNT_NO	VARCHAR2(20)	Flexcube Account number for Utility provider
MAKER_ID	VARCHAR2(12)	Indicates the maker of the maintenance
MAKER_DT_STAMP	DATE	Indicates the date and time of maintenance Input
CHECKER_ID	VARCHAR2(12)	Indicates the authorizer of the maintenance
CHECKER_DT_STAMP	DATE	Indicates the date and time of maintenance Authorization
RECORD_STAT	VARCHAR2(1)	Indicates the record status.Values O=Open,C=Closed
AUTH_STAT	VARCHAR2(1)	Indicates the authorisation status. Values A=Authorised,U=Un authorised
ONCE_AUTH	VARCHAR2(1)	Indicates if the contract is authorized at least once
UTILITY_PROVIDER_ID	VARCHAR2(25)	Utility Provider Identification
ACCOUNT_BRANCH	VARCHAR2(3)	Branch where account is issued for Utility provider
MOD_NO	NUMBER(4)	Indicates the modification number
DESCRIPTION	VARCHAR2(255)	Description of utility provider.

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Switch Interface
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