

Data Model - STANDING INSTRUCTION
FCUBS_12.0.3.0.0_SUPPORT_APRIL23_2014
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1. INTRODUCTION

This document contains the data dictionary information of STANDING INSTRUCTION in FCUBS_12.0.3.0.0_SUPPORT_APRIL23_20
For each table that belongs to the module, SI, it provides the following information

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

2. STANDING INSTRUCTION

2.1. SITB_CONTRACT_MASTER

Description -

This table is used to store the Standing Instruction Contract details

Primary Key and Foreign Keys -

Primary Key	CONTRACT_REF_NO,EVENT_SEQ_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	It represents Contract reference number of SI Contract
EVENT_SEQ_NO	NUMBER	Indicates event sequence number of the contract
VERSION_NO	NUMBER(4)	Indicates event Version number of the contract
USER_REF_NUMBER	VARCHAR2(16)	It represents User reference number of SI Contract
EVENT_CODE	VARCHAR2(4)	This field indicates event code of the SI Contract
SI_EXPIRY_DATE	DATE	It indicates date in which this SI Contract is going to expire
ACTION_CODE_AMT	CHAR(1)	An SI will not be processed if there are insufficient funds in the account to be debited. In such a case, the Action Code specified for the product will decide the action to be taken. P-Partial Liquidation, F-Full pending, I-Ignore, W-Await further instructions, E-Force
APPLY_CHG_SUXS	CHAR(1)	Indicates is charge applied for SUXS event Y/N
APPLY_CHG_PEXC	CHAR(1)	Indicates is charge applied for Partial SUXS event Y/N
APPLY_CHG_REJT	CHAR(1)	Indicates is charge applied for Reject event Y/N
MAX_RETRY_COUNT	NUMBER(3)	This field define the maximum number of times for which system should try to re-execute the SI contract
MIN_SWEEP_AMT	NUMBER(22,3)	It represents minimum sweep amount
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
DR_ACC_BR	VARCHAR2(3)	Indicates the Debit account Branch
DR_ACCOUNT	VARCHAR2(20)	Indicates the Debit account
DR_ACC_CCY	VARCHAR2(3)	This Field indicates the Currency of Debit Account
SI_AMT_CCY	VARCHAR2(3)	This Field indicates the Currency of SI
SI_AMT	NUMBER(22,3)	It represents the SI amount
CR_ACC_BR	VARCHAR2(3)	Indicates the Credit account Branch
CR_ACCOUNT	VARCHAR2(20)	Indicates the Credit account
CR_ACC_CCY	VARCHAR2(3)	Indicates the Credit account Currency
PRIORITY	NUMBER(2)	If the debit account is involved in more than one instruction during the same day, you should allot the order in which they should be processed. The priority allotted for this instruction is shown here.
CHARGE_WHOM	CHAR(1)	Indicates whom going pay the Charge O -> Corr Chgs and Our Charges are borne by Remitter U -> Only our Charges borne by Remitter B -> All Charges borne by Beneficiary
MIN_BAL_AFTER_SWEEP	NUMBER(22,3)	This field indicates the how much amount should be in debit account after sweep
INTERNAL_REMARKS	VARCHAR2(255)	It represents remark for SI Contract
ICCF_CHANGED	CHAR(1)	This field indicates whether default values of ICCF Subsystem changed or not
TAX_CHANGED	CHAR(1)	This field indicates whether default values of TAX Subsystem changed or not

SETTLE_CHANGED	CHAR(1)	This filed indicates whether default values of Settlement Subsystem changed or not
MIS_CHANGED	CHAR(1)	This filed indicates whether default values of MIS Subsystem changed or not
TRANSFER_TYPE	VARCHAR2(1)	This field indicates standing order holds 1-Free Format Payment details and 2-Structured Payment details
SUBSYSTEM_STAT	VARCHAR2(2000)	This filed Contains Subsystem names and its status.
DUP_RESOLUTION_LIST	VARCHAR2(256)	This field indicates in which basis other contracts should check for duplicate with this contract. These fields are populated based on duplicate value check in product level
RETRY_COUNT_ADV	NUMBER(3)	This field defines the number of retries for failure advice generation
SI_TANKED_STAT	VARCHAR2(1)	
CALC_SI_AMT	VARCHAR2(1)	

2.2. SITB_CYCLE_DETAIL

Description -

This table stores the details of each cycle of SI Contract like amount debited, Debit and credit account and currency

Primary Key and Foreign Keys -

Primary Key	CONTRACT_REF_NO,CYCLE_SEQ_NO,RETRY_SEQ_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	It represents Contract reference number of SI Contract
CYCLE_SEQ_NO	NUMBER(4)	It represents Cycle sequence number of the Contract
RETRY_SEQ_NO	NUMBER(3)	It represents retry sequence number of the Contract
RETRY_DATE	DATE	It represents retry date of the Contract
EVENT_SEQ_NO	NUMBER	It represents event seq number
EVENT_CODE	VARCHAR2(4)	It represents event Code
DR_ACC_BR	VARCHAR2(3)	Indicates the Debit account Branch
DR_ACCOUNT	VARCHAR2(20)	Indicates the Debit account
DR_ACC_CCY	VARCHAR2(3)	Indicates the Debit account Currency
AMT_DEBITED	NUMBER(22,3)	Indicates amount debited in debit account in this cycle for this contract
CR_ACC_BR	VARCHAR2(3)	Indicates the Credit account Branch
CR_ACCOUNT	VARCHAR2(20)	Indicates the Credit account
CR_ACC_CCY	VARCHAR2(3)	Indicates the Credit account Currency
AMT_CREDITED	NUMBER(22,3)	Indicates amount credited in Credit account in this cycle for this contract
AMT_EXECUTED_LCY	NUMBER(22,3)	Indicates local currency equivalent of SI amount executed
SI_AMT_EXECUTED	NUMBER(22,3)	Indicates amount executed for this cycle
PRIORITY	NUMBER(2)	If the debit account is involved in more than one instruction during the same day, you should allot the order in which they should be processed. The priority allotted for this instruction is shown here.
ACTION_CODE_AMT	CHAR(1)	An SI will not be processed if there are insufficient funds in the account to be debited. In such a case, the Action Code specified for the product will decide the action to be taken.P-Partial Liquidation,F-Full pending,I-Ignore,W-Await further instructions,E-Force
APPLY_CHG_SUXS	CHAR(1)	Indicates is charge applied for SUXS event Y/N
APPLY_CHG_PEXC	CHAR(1)	Indicates is charge applied for Partial SUXS event Y/N
APPLY_CHG_REJT	CHAR(1)	Indicates is charge applied for Reject event Y/N

INSTRUMENT_NO	VARCHAR2(16)	It represents the instrument number of the Contract
BRANCH_CODE	VARCHAR2(3)	It represents the contract holding branch

2.3. SITB_CYCLE_DUE_EXEC

Description -

This table is used to populate cycle records which are due to be executed on that particular day.

Primary Key and Foreign Keys -

Primary Key	CONTRACT_REF_NO,CYCLE_SEQ_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
CONTRACT_REF_NO	VARCHAR2(16)	It represents Contract reference number of SI Contract
CYCLE_SEQ_NO	NUMBER(4)	This is the cycle sequence number
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
VERSION_NO	NUMBER(4)	Indicates event Version number of the contract
SI_EXEC_STATUS	CHAR(1)	The status of the instruction - due or pending.
SI_EXEC_DATE	DATE	The date on which the next execution of the instruction will be processed
SI_VALUE_DATE	DATE	The date as of which the next cycle of the instruction will fall due. This date will be different from the Next Due Date if the former fell on a holiday and the SI was executed on a different date
SI_SUXS_DATE	DATE	The date on which the Success event is happened
SI_CCY	VARCHAR2(3)	The currency in which the instruction is processed
SI_AMOUNT	NUMBER(22,3)	The amount that is transferred when the instruction is processed
ACTION_CODE_AMT	CHAR(1)	An SI will not be processed if there are insufficient funds in the account to be debited. In such a case, the Action Code specified for the product will decide the action to be taken. P-Partial Liquidation, F-Full pending, I-Ignore, W-Await further instructions, E-Force
APPLY_CHG_SUXS	CHAR(1)	Indicates is charge applied for SUXS event Y/N
APPLY_CHG_PEXC	CHAR(1)	Indicates is charge applied for Partial SUXS event Y/N
APPLY_CHG_REJT	CHAR(1)	Indicates is charge applied for Reject event Y/N
RETRY_COUNT	NUMBER(3)	Maximum number of times for a contract try to re-execute the instruction
PRIORITY	NUMBER(2)	If the debit account is involved in more than one instruction during the same day, you should allot the order in which they should be processed. The priority allotted for this instruction is shown here.
COLLECTION_FLAG	CHAR(1)	The Collection Flag for a collection type of instruction.
SI_AMT_PENDING	NUMBER(22,3)	The amount that is pending when the instruction is processed
PROCESSING_TIME	CHAR(1)	This field denotes at which stage this Contract should execute. It holds E-End of the day, B-Beginning of the day
PRODUCT_TYPE	CHAR(1)	This field denotes Product type of the SI Contract. Holds the Value S-Sweep IN, O-Sweep Out, P -Payment, C- Collection, V-Variable Payment
RECORD_STAT	CHAR(1)	This field denotes whether record is active or Closed. system will update this field. O -Open and Active, C -Closed
AUTH_STAT	CHAR(1)	This field indicates where this particular record is Authorized or not. Holds the value Y-Authorized, N-Not Authorized
MOD_NO	NUMBER(4)	The max number of times the record is modified.
MAKER_ID	VARCHAR2(12)	It shows the name of the user who has created the specific record. Maker Id name should be maximum of 12 Alphanumeric Characters.

MAKER_DT_STAMP	DATE	This field specifies the date and time at which this record was created is displayed in this field.It is defaulted by system.It will be in date format.
CHECKER_ID	VARCHAR2(12)	It shows the Name of the user who authorizes that specific record. Checker id name should be maximum of 12 Alphanumeric Characters.
CHECKER_DT_STAMP	DATE	This field specifies the date and time at which this record was Authorized is displayed in this field.It will be in date format.It is defaulted by system.
BRANCH_CODE	VARCHAR2(3)	This field specifies Branch code of the contract

2.4. SITB_DIARY_DUE

Description -

This table used to Populate records which are to be executed for the day from SITM_DIARY_MASTER

Primary Key and Foreign Keys -

Primary Key	INSTRUCTION_NO,DUE_DATE,EXEC_DATE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
DUE_DATE	DATE	It represents due date of the SI Contract
EXEC_DATE	DATE	It represents execution date of the SI Contract
BRANCH_CODE	VARCHAR2(3)	This field specifies Branch code of the contract
UNIT_TYPE	VARCHAR2(12)	This field specifies Unit Of Instruction It holds Account ,Customer
UNIT_VALUE	VARCHAR2(20)	It holds Customer number or Customer account number are based on unit type
INSTRUCTION	VARCHAR2(2000)	Details of the instruction that is to be associated with particular Account/Customer in a free format text format
INSTRUCTION_TYPE	CHAR(1)	It represents Type of Instruction.It holds F-Frequency Based,E-Event Based,S-Special Instruction

2.5. SITB_DLY_MSG_OUT

Description -

This table used to populate the message generated instruction and its cycle sequence number.

Primary Key and Foreign Keys -

Primary Key	INSTRUCTION_NO,CYCLE_SEQ_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
CYCLE_SEQ_NO	NUMBER(4)	This is the cycle sequence number

2.6. SITB_INSTRUCTION

Description -

This table stores the details of SI Instruction like product code, first value date, first execution date ,et

Primary Key and Foreign Keys -

Primary Key	INSTRUCTION_NO,INST_VERSION_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract

INST_VERSION_NO	NUMBER(4)	Instruction Version Number
LATEST_VERSION_NO	NUMBER(4)	Latest Version number
PRODUCT_CODE	VARCHAR2(4)	This field holds standing instruction product that created with a unique Product Code
PRODUCT_TYPE	CHAR(1)	This field denotes Product type of the SI Contract. Holds the Value S-Sweep IN, O-Sweep Out, P -Payment, C- Collection, V-Variable Payment
SI_TYPE	CHAR(1)	It Indicates type of SI Contract. It holds value 1 to 4. 1-One to One , 2-One to Many, 3-Many to One, 4-Many to Many
CAL_HOL_EXCP	CHAR(1)	This is the action defined to be taken if an instruction processed under a product falls on a holiday. It could be: forward, backward, or lapse.
RATE_TYPE	VARCHAR2(10)	If the currency of the instruction and the currency of the accounts involved in it are different, a conversion rate will be used. The rate type defined for this conversion for the product is stored here.
EXEC_DAYS	NUMBER(3)	Indicates that the instruction should be executed as per the number of days specified in this field
EXEC_MTHS	NUMBER(3)	Indicates that the execution periodicity should be on a monthly basis
EXEC_YRS	NUMBER(3)	Indicates that the instruction should be executed based on a yearly frequency. It could be either annually, bi-annually, once in three years
FIRST_EXEC_DATE	DATE	It represents Contract's First Execution date
NEXT_EXEC_DATE	DATE	It represents Contract's Next Execution date
FIRST_VALUE_DATE	DATE	It represents Contract's First Value date
NEXT_VALUE_DATE	DATE	It represents Contract's Next Value date
MONTH_END_FLAG	CHAR(1)	Indicates whether the instruction is always processed on a month-end.
PROCESSING_TIME	CHAR(1)	This field denotes at which stage this Contract should execute. It holds E-End of the day , B-Beginning of the day
USER_INST_NO	VARCHAR2(16)	It represents User Instruction number
INST_STATUS	CHAR(1)	Indicates whether one or more cycles for an instruction is pending for execution
AUTH_STATUS	CHAR(1)	This field indicates where this particular record is Authorized or not. Holds the value Y-Authorized, N-Not Authorized
LATEST_VERSION_DATE	DATE	Latest Version Date
BRANCH	VARCHAR2(3)	This field specifies Branch code of the contract
BOOK_DATE	DATE	Contract booked date
SERIAL_NO	NUMBER(4)	Serial number
COUNTERPARTY	VARCHAR2(9)	Indicates the code for the customer
LATEST_CYCLE_NO	NUMBER(4)	Latest Cycle Number
LATEST_CYCLE_DATE	DATE	Latest Cycle Date
SOURCE_CODE	VARCHAR2(15)	Indicates through which source this contract uploaded
SOURCE_INST_NO	VARCHAR2(16)	Source Instruction number
OPERATION	VARCHAR2(16)	Operation performed for this record
GOAL_REF_NO	VARCHAR2(50)	This indicates Goal Reference Number.
SUSPEND_EXECUTION	VARCHAR2(1)	This indicates Suspend Execution flag.
LIMIT_CHECK_REQUIRED	VARCHAR2(1)	

2.7. SITB_INTMDT_STAND_INSTR

Description -

This table used as the intermediary table in SI upload operation

Primary Key and Foreign Keys -

Primary Key	SOURCE_CODE,BRANCH,SI_REF_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
SOURCE_CODE	VARCHAR2(12)	Indicates thro which source this contract uploaded
BRANCH	VARCHAR2(9)	This filed specifies Branch code
MODULE	VARCHAR2(3)	Module ID
PRODUCT_TYPE	VARCHAR2(5)	This field denotes Product type of the SI Contract. Holds the Value S-Sweep IN, O-Sweep Out,P -Payment,C- Collection,V-Varial ble Payment
SI_REF_NO	VARCHAR2(35)	SI reference number
CUSTOMER_ACC_NO	VARCHAR2(35)	Customer account number
CCY_CODE	VARCHAR2(9)	Indicates the currency code of this particular Instruction.
SI_FREQUENCY	CHAR(1)	Frequency of SI Contract
NEXT_DUE_DATE	DATE	The date as of which the next execution for the instruction was processed
LAST_DUE_DATE	DATE	Last due date
ACTION_CODE_FOR_EXCEPTION	VARCHAR2(2)	Action code if contract went to exception
PRIORITY_CODE	VARCHAR2(3)	Priority Code
BENEFICIARY_ACCOUNT	VARCHAR2(35)	The name of the customer who is the beneficiary of the instruction
SI_AMOUNT	NUMBER(22,3)	The amount that is transferred when the instruction is processed
VALUE_DATE_DIFF	NUMBER(3)	Value date difference
EXECUTION_FEE	NUMBER(11,3)	Fee for execution
REJECT_FEE	NUMBER(11,3)	Fee for Reject
CONV_STATUS	CHAR(1)	Conversion Status
ERR_MSG	VARCHAR2(255)	Error Message
COUNTER_PARTY	VARCHAR2(12)	Indicates the code for the customer
SI_TYPE	CHAR(1)	It Indicates type of SI Contract.It holds value 1 to 4. 1-One to One , 2-One to Many,3-Many to One,4-Many to Many
CAL_HOL_EXCP	CHAR(1)	This is the action defined to be taken if an instruction processed under a product falls on a holiday. It could be: forward, backward, or lapse.
RATE_TYPE	VARCHAR2(10)	If the currency of the instruction and the currency of the accounts involved in it are different, a conversion rate will be used. The rate type defined for this conversion for the product is stored here.
EXEC_DAYS	NUMBER(3)	Indicates that the instruction should be executed as per the number of days specified in this field
EXEC_MTHS	NUMBER(3)	Indicates that the execution periodicity should be on a monthly basis
EXEC_YRS	NUMBER(3)	Indicates that the instruction should be executed based on a yearly frequency. It could be either annually, bi-annually, once in three years
FIRST_EXEC_DATE	DATE	The date as of which the first execution for the instruction was processed
PROCESSING_TIME	CHAR(1)	This field denotes at which stage this Contract should execute.It holds E-End of the day , B-Beginning of the day
INST_STATUS	CHAR(1)	Indicates whether one or more cycles for an instruction is pending for execution
AUTH_STATUS	CHAR(1)	This field indicates where this particular record is Authorized or not. Holds the value Y-Authorized,N-Not Authorized
APPLY_CHG_SUXS	CHAR(1)	Indicates is charge applied for SUXS event Y/N

APPLY_CHG_PEXC	CHAR(1)	Indicates is charge applied for Partial SUXS event Y/N
APPLY_CHG_REJT	CHAR(1)	Indicates is charge applied for Reject event Y/N
MAX_RETRY_COUNT	NUMBER(3)	This field define the maximum number of times for which system should try to re-execute the SI contract
DR_ACC_CCY	VARCHAR2(3)	Indicates the Debit account Currency
CR_ACC_CCY	VARCHAR2(3)	Indicates the Credit account Currency
CHARGE_WHOM	CHAR(1)	This indicates the party who will bear the charges for the instruction.
MIN_SWEEP_AMT	NUMBER(22,3)	This applies for a sweep type of product. This is the minimum amount that has been defined for a sweep to be executed.
MONTH_END_FLAG	CHAR(1)	Indicates whether the instruction is always processed on a month-end.

2.8. SITB_UPLOAD_INSTRUCTION

Description -

This table used to store instruction detail in SI upload operation

Primary Key and Foreign Keys -

Primary Key	BRANCH_CODE,SOURCE_CODE,SOURCE_REF,SOURCE_SEQ_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(3)	This field specifies Branch code of the contract
SOURCE_CODE	VARCHAR2(15)	Indicates thro which source this contract uploaded
SOURCE_REF	VARCHAR2(16)	Source Reference number
PRODUCT_CODE	VARCHAR2(4)	This field holds standing instruction product that created with a unique Product Code
PRODUCT_TYPE	CHAR(1)	This field denotes Product type of the SI Contract. Holds the Value S-Sweep IN, O-Sweep Out,P -Payment,C- Collection,V-Variable Payment
SI_TYPE	CHAR(1)	It Indicates type of SI Contract.It holds value 1 to 4. 1-One to One , 2-One to Many,3-Many to One,4-Many to Many
CAL_HOL_EXCP	CHAR(1)	This is the action defined to be taken if an instruction processed under a product falls on a holiday. It could be: forward, backward, or lapse.
RATE_TYPE	VARCHAR2(10)	If the currency of the instruction and the currency of the accounts involved in it are different, a conversion rate will be used. The rate type defined for this conversion for the product is stored here.
EXEC_DAYS	NUMBER(3)	Indicates that the instruction should be executed as per the number of days specified in this field
EXEC_MTHS	NUMBER(3)	Indicates that the execution periodicity should be on a monthly basis
EXEC_YRS	NUMBER(3)	Indicates that the instruction should be executed based on a yearly frequency. It could be either annually, bi-annually, once in three years
FIRST_EXEC_DATE	DATE	The date as of which the first execution for the instruction was processed
NEXT_EXEC_DATE	DATE	The date as of which the next execution for the instruction was processed
FIRST_VALUE_DATE	DATE	The date as of which the First cycle of the instruction will fall due. This date will be different from the First Due Date if the former fell on a holiday and the SI was executed on a different date.

NEXT_VALUE_DATE	DATE	The date as of which the next cycle of the instruction will fall due. This date will be different from the Next Due Date if the former fell on a holiday and the SI was executed on a different date.
MONTH_END_FLAG	CHAR(1)	Indicates whether the instruction is always processed on a month-end.
PROCESSING_TIME	CHAR(1)	This field denotes at which stage this Contract should execute. It holds E-End of the day, B-Beginning of the day
USER_INST_NO	VARCHAR2(16)	It represents User Instruction number
INST_STATUS	CHAR(1)	Indicates whether one or more cycles for an instruction is pending for execution
AUTH_STATUS	CHAR(1)	This field indicates whether this particular record is Authorized or not. Holds the value Y-Authorized, N-Not Authorized
LATEST_VERSION_DATE	DATE	Latest Version Date
BOOK_DATE	DATE	Booked date
SERIAL_NO	NUMBER(4)	Serial number
COUNTERPARTY	VARCHAR2(9)	Indicates the code for the customer
LATEST_CYCLE_NO	NUMBER(4)	Latest Cycle Number
LATEST_CYCLE_DATE	DATE	Latest Cycle Date
CONV_STATUS	CHAR(1)	Conversion Status
ERR_MSG	VARCHAR2(255)	Error Message
GEN_MSG	VARCHAR2(1)	For uploading Contract generate message or not. It holds Y/N
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
INST_VERSION_NO	NUMBER(4)	Instruction Version Number
OPERATION	VARCHAR2(16)	Operation performed for this record
FUNCTION_ID	VARCHAR2(8)	Function ID
SOURCE_SEQ_NO	NUMBER	Source sequence number
UPLOAD_ID	VARCHAR2(16)	Upload ID unique for each uploading file
ACTION_CODE	VARCHAR2(10)	Indicates the action that is to be taken in case the instruction is not processed on the due date due to lack of funds in the debit account
GOAL_REF_NO	VARCHAR2(50)	
SUSPEND_EXECUTION	VARCHAR2(1)	

2.9. SITB_UPLOAD_MASTER

Description -

This table used as the master table for SI upload operation

Primary Key and Foreign Keys -

Primary Key	BRANCH_CODE, SOURCE_CODE, SOURCE_REF, SOURCE_SEQ_NO
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
BRANCH_CODE	VARCHAR2(3)	This field specifies Branch code of the contract
SOURCE_CODE	VARCHAR2(15)	Indicates through which source this contract uploaded
SOURCE_REF	VARCHAR2(16)	Source Reference number
DETAIL_REF	VARCHAR2(16)	Detail Reference number
USER_REF_NUMBER	VARCHAR2(16)	It represents User reference number of uploaded SI Contract
SI_EXPIRY_DATE	DATE	It indicates date in which this SI Contract is going to expire
BOOK_DATE	DATE	Booked date
PRODUCT_CODE	VARCHAR2(4)	This field holds standing instruction product that created with a unique Product Code
COUNTERPARTY	VARCHAR2(9)	Indicates the code for the customer

PRODUCT_TYPE	CHAR(1)	This field denotes Product type of the SI Contract. Holds the Value S-Sweep IN, O-Sweep Out,P -Payment,C- Collection,V-Variable Payment
SERIAL_NO	CHAR(4)	Serial number
ACTION_CODE_AMT	CHAR(1)	An SI will not be processed if there are insufficient funds in the account to be debited. In such a case, the Action Code specified for the product will decide the action to be taken.P-Partial Liquidation,F-Full pending,I-Ignore,W-Await further instructions,E-Force
APPLY_CHG_SUXS	CHAR(1)	Indicates is charge applied for SUXS event Y/N
APPLY_CHG_PEXC	CHAR(1)	Indicates is charge applied for Partial SUXS event Y/N
APPLY_CHG_REJT	CHAR(1)	Indicates is charge applied for Reject event Y/N
MAX_RETRY_COUNT	NUMBER(3)	This field define the maximum number of times for which system should try to re-execute the SI contract
MIN_SWEEP_AMT	NUMBER(22,3)	This applies for a sweep type of product. This is the minimum amount that has been defined for a sweep to be executed.
DR_ACC_BR	VARCHAR2(3)	Indicates the Debit account Branch
DR_ACCOUNT	VARCHAR2(20)	Indicates the debit account
DR_ACC_CCY	VARCHAR2(3)	Indicates the Debit account Currency
SI_AMT_CCY	VARCHAR2(3)	The currency in which the instruction is processed
SI_AMT	NUMBER(22,3)	The amount that is transferred when the instruction is processed
CR_ACC_BR	VARCHAR2(3)	Indicates the Credit account Branch
CR_ACCOUNT	VARCHAR2(20)	Indicates the Credit account
CR_ACC_CCY	VARCHAR2(3)	Indicates the Credit account Currency
PRIORITY	NUMBER(2)	If the debit account is involved in more than one instruction during the same day, you should allot the order in which they should be processed. The priority allotted for this instruction is shown here.
CHARGE_WHOM	CHAR(1)	This indicates the party who will bear the charges for the instruction.
MIN_BAL_AFTER_SWEEP	NUMBER(22,3)	Indicates Minimum balance after Sweep
INTERNAL_REMARKS	VARCHAR2(255)	Internal Remark for Uploaded SI
ICCF_CHANGED	CHAR(1)	This field indicates whether default ICCF values are changed or not Y/N
TAX_CHANGED	CHAR(1)	This field indicates whether default TAX values are changed or not Y/N
SETTLE_CHANGED	CHAR(1)	Is Settlement Subsystem default value changed or not? Y/N
MIS_CHANGED	CHAR(1)	This field indicates whether default MIS values are changed or not Y/N
CONV_STATUS	CHAR(1)	Conversion Status
ERR_MSG	VARCHAR2(255)	Error Message
AUTHORIZE	VARCHAR2(1)	This field indicates where this particular record is Authorized or not. Holds the value Y-Authorized,N-Not Authorized
CONTRACT_REF_NO	VARCHAR2(16)	It represents Contract reference number of SI Contract
VERSION_NO	NUMBER(4)	Indicates event Version number of the uploaded contract
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
TRANSFER_TYPE	VARCHAR2(1)	This field indicates standing order holds 1-Free Format Payment details and 2 -Structured Payment details
SUBSYSTEM_STAT	VARCHAR2(2000)	It holds all the Subsystem and its status.
FUNCTION_ID	VARCHAR2(8)	Function ID
SOURCE_SEQ_NO	NUMBER	Source sequence number
UPLOAD_ID	VARCHAR2(16)	Upload ID unique for each uploading file

ACTION_CODE	VARCHAR2(10)	Indicates the action that is to be taken in case the instruction is not processed on the due date due to lack of funds in the debit account
RETRY_COUNT_ADV	NUMBER(3)	It holds number of retries for generating failure advice

2.10. SITM_DIARY_MASTER

Description -

This table stores instruction type and its description. Used to capture capture text-based standing instructions and link each instruction with a specific customer account or a customer

Primary Key and Foreign Keys -

Primary Key	INSTRUCTION_NO
--------------------	----------------

Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
INSTRUCTION_NO	VARCHAR2(16)	It represents Instruction number of SI Contract
UNIT_TYPE	VARCHAR2(12)	This field specifies Unit Of Instruction It holds Account ,Customer
UNIT_VALUE	VARCHAR2(20)	It holds Customer number or Customer account number are based on unit type
BRANCH_CODE	VARCHAR2(3)	This field specifies Branch code of the contract
INSTRUCTION	VARCHAR2(2000)	The Details of the instruction that is to be associated with particular Account/Customer in a free format text format
INSTRUCTION_TYPE	CHAR(1)	It represents Type of Instruction.It holds F-Frequency Based,E-Event Based,S-Special Instruction
EXEC_DAYS	NUMBER(3)	Indicates that the instruction should be executed as per the number of days specified in this field
EXEC_MONTHS	NUMBER(3)	Indicates that the execution periodicity should be on a monthly basis
EXEC_YEARS	NUMBER(3)	Indicates that the instruction should be executed based on a yearly frequency. It could be either annually, bi-annually, once in three years
MONTH_END_FLAG	CHAR(1)	Indicates whether the instruction is always processed on a month-end.
HOLIDAY_RULE	CHAR(1)	This is the action defined to be taken if an instruction processed under a product falls on a holiday. It could be: forward, backward, or lapse.
FIRST_DUE_DATE	DATE	The date as of which the first execution for the instruction was processed
NEXT_DUE_DATE	DATE	The date as of which the next execution for the instruction was processed
NEXT_EXEC_DATE	DATE	The date as of which the next execution for the instruction was processed
OPERATOR	VARCHAR2(4)	Holds the appropriate condition to associate it with an operating clause. The options available are: =, <, <=, >, >=, <>
CONDITION_VALUE	NUMBER(22,3)	Holds the value for the Condition for the given Condition element and operator.
ACC_OFFICER	VARCHAR2(20)	This field used to identify the account officer of executing the Special Instruction
SPL_INSTR_TYPE	VARCHAR2(20)	This field used to categorize under an instruction type as per the nature of work it is supposed to perform.
SPL_INSTRUCTION	VARCHAR2(255)	The Details of the instruction that is to be associated with special instruction free format text format

EXPIRY_DATE	DATE	The Expiry Date will be the date until when the instruction will be processed.
RECORD_STAT	CHAR(1)	This field denotes whether record is active or Closed.system will update this field.O -Open and Active,C -Closed
AUTH_STAT	CHAR(1)	This field indicates where this particular record is Authorized or not. Holds the value Y-Authorized,N-Not Authorized
ONCE_AUTH	CHAR(1)	It shows the status of the record whether it is authorised once or not . If it is authorised once then value will be Y else it will be N.
MOD_NO	NUMBER(4)	The max number of times the record is modified.
MAKER_ID	VARCHAR2(12)	It shows the name of the user who has created the specific record. Maker Id name should be maximum of 12 Alphanumeric Characters
MAKER_DT_STAMP	DATE	This field specifies the date and time at which this record was created is displayed in this field.It is defaulted by system.It will be in date format.
CHECKER_ID	VARCHAR2(12)	It shows the Name of the user who authorizes that specific record. Checker id name should be maximum of 12 Alphanumeric Characters
CHECKER_DT_STAMP	DATE	This field specifies the date and time at which this record was Authorized is displayed in this field.It will be in date format.It is defaulted by system
CONDITION_ELEM	VARCHAR2(20)	It specify the condition or factor within an account, which is instrumental in triggering the standing instruction.Options are CurrentBalance, AvailableBalance, DailyTurnover Credit, DailyTurnover Debit, TransactionAmount, TransactionAmount Debit, TransactionAmount Credit

2.11. SITM_INSTR_TYPE

Description -

This table stores instruction type and its description. Maintains the master record of the screen SIDINSTR.

Primary Key and Foreign Keys -

Primary Key	INSTRUCTION_TYPE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
INSTRUCTION_TYPE	VARCHAR2(12)	It represents Type of Instruction.It holds F-Frequency Based,E-Event Based,S-Special Instruction
DESCRIPTION	VARCHAR2(105)	It represents description for this Instruction type
RECORD_STAT	CHAR(1)	This field denotes whether record is active or Closed.system will update this field.O -Open and Active,C -Closed
AUTH_STAT	CHAR(1)	This field indicates where this particular record is Authorized or not. Holds the value Y-Authorized,N-Not Authorized
MOD_NO	NUMBER(4)	The max number of times the record is modified.
MAKER_ID	VARCHAR2(12)	It shows the name of the user who has created the specific record. Maker Id name should be maximum of 12 Alphanumeric Characters
MAKER_DT_STAMP	DATE	This field specifies the date and time at which this record was created is displayed in this field.It is defaulted by system.It will be in date format.

CHECKER_ID	VARCHAR2(12)	It shows the Name of the user who authorizes that specific record. Checker id name should be maximum of 12 Alphanumeric Characters
CHECKER_DT_STAMP	DATE	This field specifies the date and time at which this record was Authorized is displayed in this field.It will be in date format.It is defaulted by system
ONCE_AUTH	CHAR(1)	It shows the status of the record whether it is authorised once or not . If it is authorised once then value will be Y else it will be N.

2.12. SITM_PRODUCT_PRF

Description -

This table stores the details of SI Product like Frequency detail, maximum retry count.

Primary Key and Foreign Keys -

Primary Key	PRODUCT_CODE
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Column Descriptions -

COLUMN	DATA TYPE	DESCRIPTION
PRODUCT_CODE	VARCHAR2(4)	This field holds standing instruction product that created with a unique Product Code
PRODUCT_TYPE	CHAR(1)	This field denotes Product type of the SI Contract. Holds the Value S-Sweep IN, O-Sweep Out,P -Payment,C- Collection,V-Variable Payment
RATE_TYPE	VARCHAR2(10)	If the currency of the instruction and the currency of the accounts involved in it are different, a conversion rate will be used. The rate type defined for this conversion for the product is stored here.
REKEY_REQUIRED	CHAR(1)	This field indicate whether Rekey is required on authorization. Holds Y/N
REKEY_OF_AMOUNT	CHAR(1)	This field indicate whether Rekey on amount is required on authorization. Holds Y/N
REKEY_OF_CURRENCY	CHAR(1)	This field indicate whether Rekey on currency is required on authorization. Holds Y/N
ACTION_CODE_AMOUNT	CHAR(1)	An SI will not be processed if there are insufficient funds in the account to be debited. In such a case, the Action Code specified for the product will decide the action to be taken.P-Partial Liquidation,F-Full pending,I-Ignore,W-Await further instructions,E-Force
EXEC_DAYS	NUMBER(3)	Indicates that the instruction should be executed as per the number of days specified in this field
EXEC_MTHS	NUMBER(3)	Indicates that the execution periodicity should be on a monthly basis
EXEC_YRS	NUMBER(3)	Indicates that the instruction should be executed based on a yearly frequency. It could be either annually, bi-annually, once in three years
CAL_HOL_EXCP	CHAR(1)	This is the action defined to be taken if an instruction processed under a product falls on a holiday. It could be: forward, backward, or lapse.
MAX_RETRY_COUNT	NUMBER(3)	This field define the maximum number of times for which system should try to re-execute the SI contract
MIN_SWEEP_AMT	NUMBER(22,3)	This applies for a sweep type of product. This is the minimum amount that has been defined for a sweep to be executed.
PROCESSING_TIME	CHAR(1)	This field denotes at which stage this Contract should execute.It holds E-End of the day , B-Beginning of the day

INSTRUCTION_CODE	VARCHAR2(4)	This field denotes the instruction code for this particular product.
SI_TYPE	CHAR(1)	It Indicates type of SI Contract.It holds value 1 to 4. 1-One to One , 2-One to Many,3-Many to One,4-Many to Many
TRANSFER_TYPE	VARCHAR2(1)	This field indicates standing order holds 1-Free Format Payment details and 2 -Structured Payment details
REFERRAL_REQUIRED	VARCHAR2(1)	Referral refers to the process of handling customer transactions which force the accounts involved in such a transaction to exceed the overdraft limit.
DUP_PRODUCT_CODE	VARCHAR2(1)	Indicate that the product code needs to be considered while checking for duplicate transactions. Holds value Y/N
DUP_CR_ACCOUNT	VARCHAR2(1)	Indicate that the Cr account needs to be considered while checking for duplicate transactions.Holds value Y/N
DUP_SI_CCY	VARCHAR2(1)	Indicate that the SI currency needs to be considered while checking for duplicate transactions.Holds value Y/N
DUP_SI_AMOUNT	VARCHAR2(1)	Indicate that the SI amount needs to be considered while checking for duplicate transactions.Holds value Y/N
DUP_BOOK_DATE	VARCHAR2(1)	Indicate that the booking date needs to be considered while checking for duplicate transactions.Holds value Y/N
DUP_FIRST_EX_VAL_DATE	VARCHAR2(1)	Indicate that the value date of the first execution of the Standing Instruction needs to be considered while checking for duplicate transactions.Holds value Y/N
DUP_EX_PERIODICTY	VARCHAR2(1)	Indicate that the periodicity of the Standing Instruction needs to be considered while checking for duplicate transactions.Holds value Y/N
RETRY_COUNT_ADV	NUMBER(3)	Retry Count for Advice captures number of retries for failure advice generation. Retry Count for Advice should be less than Maximum Retry Count



Data Model - STANDING INSTRUCTION
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Oracle Financial services Software Limited
Oracle Park
Off western Express Highway
Goregaon(East)
Mumbai,Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax:+91 22 6718 3001
www.oracle.com/financialservices/

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