# Introduction

This document describes interface handoff mapping to and from Flexcube in ‘Flexcube ITR’ format. This is a general ITR upload format to be utilized by various interfaces during intra-day as well as end-of-day. It has two sections, one describing the standard FLEX-ITR layout and other one is FLEX ACK-ITR layout.

FLEXCUBE ACK-ITR layout gives the flexibility to feedback the posting results to the interfacing application.

At country level, it is advised to adopt either one of them. If all the interfacing application does not require any posting acknowledgement file then they can adopt standard FLEX-ITR layout. But if some interfacing applications require acknowledgement and some do not in the country then it is advised to adopt FLEX ACK-ITR layout for all the interfacing applications for such country.

## Scope

Interface mapping of standard FLEXCUBE ITR format and the reply based FLEXCUBE ACK-ITR layout.

# Process flow

## Process Flow Details

NA

# business requirements

## Requirements for Earmarking

N/A

## Requirements for Online Cash Posting

N/A

## Requirements for Batch Posting

The following processing logic is required:

***Account Balance Validation***

Entries should only be posted if the withdrawal amount within the available balance. Post to suspense if there Withdrawal amount > Available balance.

***Account Status***

Entries should be posted to suspense for the following account status:

* No Post Dr
* No Post CR
* Dormant
* Stop Payment
* Frozen

***Exchange Rate variance***

Should be posted to suspense if the variance is over n% from the mid-rate, where

n - should be in the transaction record. This variance is defined at branch setup level.

# input/output file specification

## Standard FLEXCUBE ITR Handoff Format

This ITR format can be used in batch (EOD) as well as intra-day for file-based postings in to the accounts.

### File Header

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Len** | **Start** | **Description** |
| Indicator | 3 | 1 | ‘HDR’ indicates header record |
| Date | 8 | 4 | System processing date (CCYYMMDD) |
| File name | 30 | 12 | The full name of the accounting entry file. It will carry the country code. |
| Serial No. | 3 | 42 | Optional, currently not used by FLEXCUBE |

Example: HDRCCYYMMDDIEBBBAAA.DAT 001

Please note that FLEXCUBE has standard naming convention on the ITR filename.

Filename: IIBBBAAA.DAT represents Incoming Intra-day file

Filename: OIBBBAAA.DAT represents Outgoing Intra-day file

Filename: IEBBBAAA.DAT represents Incoming Eod file

Filename: OEBBBAAA.DAT represents Outgoing Eod file

Where BBB is branch code and AAA is application id.

**Special Naming convention for India, Sri-Lanka & Bangladesh**

Due to large nos. of branches and departments, incoming file name convention is revised as:

Filename: IIBBBAAA.SSS represents Incoming Intra-day file

Filename: IEBBBAAA.SSS represents Incoming EOD file

Where SSS is running sequence no. and it should be reset to 001 in the interfacing system at the start of each business day

### File Trailer

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Len** | **Start** | **Description** |
| Indicator | 3 | 1 | ‘TRL’ indicates trailer record |
| Date | 8 | 4 | System processing date (CCYYMMDD) |
| Record count | 10 | 12 | Number of records in the interface file which includes the header and trailer record |

Example: TRLCCYYMMDD9999999999

### Input file record Detail

Record length = 696

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Type and Length** | **Description** |
| FLEX-BRANCH-CODE | VARCHAR2(3 ) | (Mandatory)  Flexcube format e.g. M01 for Malaysia LV 1  Transaction Branch |
| FLEX-SOURCE-CODE | VARCHAR2(15 ) | (Mandatory)  source system e.g. CPC |
| FLEX-CURR-NO | NUMBER(6) | (Optional)  Incremental counter within a unique batch. Flexcube will ignore this field and recalculate. |
| FLEX-BATCH-NO | NUMBER(4) | (Mandatory)  Unique batch no |
| FLEX-DEPARTMENT-CODE | VARCHAR2(3) | (Optional)  If not sent then FLEXCUBE will assign default value |
| FLEX-CCY-CD | VARCHAR2(3) | (Mandatory)  SWIFT format. See note 1 below. |
| FLEX-INITIATION-DATE | DATE | (Optional)  CCYYMMDD (TXN date) |
| FLEX-AMOUNT | NUMBER(22,3) | (Mandatory)  18-digit followed by a decimal point followed by 3-digit decimal. See note 1 below. |
| FLEX-ACCOUNT | VARCHAR2(20 ) | (Mandatory)  COSMOS 10 digit external code or FLEXCUBE GSL. See note 2 below. |
| FLEX-ACCOUNT-BRANCH | VARCHAR2(3) | (Mandatory)  Flexcube format e.g. M01  Account Branch |
| FLEX-TXN-CODE | VARCHAR2(3) | (Mandatory)  FLEXCUBE Trans Code e.g “001”, “098”, “100”  Note: Check to ensure the right tran code is used. Some trancode have will hold the fund while some will release the fund immediately upon value date |
| FLEX-DR-CR | CHAR(1) | (Mandatory)  D or C |
| FLEX-LCY-EQUIVALENT | NUMBER(22,3) | (Refer note 1)  19-digit followed by a decimal point followed by 3-digit decimal. |
| FLEX-EXCH-RATE | NUMBER(14,8) | (Refer note 1)  IF CCY ~= LCY & FLEX-EXCH-RATE is null  Default to FLEXCUBE rate. See note 1 below.  If it’s a local currency transaction, this field should be null.  If it's a local currency transaction, FLEX-AMOUNT and FLEX-LCY-EQUIVALENT should contain the amount of the transaction and FLEX-EXCH-RATE should be 1 .  If it's a non-local ccy txn, FLEX-AMOUNT contains the amount in foreign currency, FLEX-LCY-EQUIVALENT contains the local currency equivalent amount and exchange rate the rate used. |
| FLEX-VALUE-DATE | DATE | (If null then FLEXCUBE will default to current business date)  Format: CCYYMMDD  There is no limit for future value date as long as branch holidays are maintained for that year in Flexcube. Parameterization is available for back value date |
| FLEX-INSTRUMENT-NO | VARCHAR2(16) | (Mandatory if transaction code is defined with Cheque Mandatory = YES)  This field represents Cheque no |
| FLEX-REL-CUST | VARCHAR2(9) | (Mandatory if it is GL)  Country code followed by 6 digit base number or Country code  e.g. **AU0** & 6 digit base number |
| FLEX-ADDL-TEXT | VARCHAR2(255) | (Optional)  Chopped up in 4 lines of 32 character |
| FLEX-TXN-MIS-1 | VARCHAR2(9) | (Optional)  Transaction OUC |
| FLEX-TXN-MIS-2 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-3 | VARCHAR2(9) | (Optional)  Expense MIS |
| FLEX-TXN-MIS-4 | VARCHAR2(9) | (Optional)  Product MIS |
| FLEX-TXN-MIS-5 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-6 | VARCHAR2(9) | (Optional)  Security MIS (6 digits and ending with spaces) |
| FLEX-TXN-MIS-7 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-8 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-9 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-10 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-1 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-2 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-3 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-4 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-5 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-6 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-7 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-8 | VARCHAR2(9) | (Optional) |
| FLEX-REFINANCE-AMOUNT | NUMBER (18) | (Optional)  18 Digits without decimal point. When the entry is uploaded, Flexcube to store this field with decimal place depending on the local currency definition. This field must be included in the POSTIC ITR handoff to COSMOS as well as the handoff to Transactor (existing refinancing amount field).  Eg, if this field contain 999 and the LCY decimal in Flexcube is 2, in POSTIC ITR handoff, it is handoff as 00000000000000999.00 |
| FLEX-COST-CODE1 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE2 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE3 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE4 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE5 | VARCHAR2(9) | (Optional) |
| FLEX-RELATED-ACCOUNT | VARCHAR2(20) | (Optional) |
| FLEX-RELATED-REF | VARCHAR2(16) | (Optional) |
| FLEX-USER-REFERENCE | VARCHAR2(16) | (Optional) |
| FLEX-ACCT-POST-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense)  (Refer note 3) |
| FLEX-EXCH-RATE-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense  (Refer note 3) |
| FLEX-VALUE-DATE-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense  (Refer note 3) |
| FLEX-ACCT-BAL-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense  (Refer note 3) |

Note 1:

|  |  |  |
| --- | --- | --- |
|  | **Foreign Currency Transaction** | **Local Currency Transaction** |
| **FLEX-CCY-CD** | Transaction currency | Transaction currency  (For P&L items, it should be the contract currency) |
| **FLEX-AMOUNT** | Amount in transaction currency | Amount in local currency |
| **FLEX-LCY-EQUIVALENT** | Amount in local currency determined using FLEX-EXCH-RATE | Null (binary 0) |
| **FLEX-EXCH-RATE** | FX rate from source system | Null (binary 0) |

Note 2 (applicable to Australia based on the branch setup):

|  |  |
| --- | --- |
| 1. | If the Flexcube GSL Mapping is Blank and FMS/EBOS accounts is B/S, set GSL to 165250111. |
| 2. | If the Flexcube GSL Mapping is Blank and FMS/EBOS accounts is P&L, set GSL to 330100202. |
| 3. | If the Flexcube GSL Mapping is Blank and FMS/EBOS accounts is Contingent, set GSL to 545400101. |

## Note 3 (explanation on the last 4 indicators in ITR file):

|  |  |  |
| --- | --- | --- |
| FLEX-ACCT-POST-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense)  Program will check against the account status, e.g. dormant, post-no-credit, post-no-debit, blocked, frozen etc  If indicator is ‘Y’, entry will be posted regardless, ignoring the status  If indicator is ‘N’, entry will be post to suspense  If indicator is ‘R’, entry will be rejected when the validation failed |
| FLEX-EXCH-RATE-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense  The MAX FX Variance Limit in Flexcube  If not wrong in Flexcube it is maintained between 3% to 10%  (User can check in "Flexcube->Bank/Branch Param->Journal Entry Param->Detailed" as I do not have Prod access)  If the exchange rate indicator in the ITR file is set to 'N' or 'R', then flexcube will use the fx rate it has for the day to check against the LCY and FCY amount.  Anything outside the variance set, entry will be posted to suspense if indicator is set to ‘N and rejected is indicator is ‘R’.  If indicator is set to ‘Y’, flexcube will not validate the against its own exchange rate and post the entry using the rate sent with entry ignoring the variance. |
| FLEX-VALUE-DATE-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense  The value date in the ITR file check against the system date (e.g 3 Apr 2006), the 2 should be of the same date if the 2nd last char in the file (VALUE-DATE-OVERWR) is indicated as 'N'.  If it is 'Y', the system will ignore the warning and overwrite it. ->meaning entry can be a backvalued/forward value where value date is not equal to system biz date  If it is "R", when the validation failed it will be rejected.  If it is "N", the system will post it to suspense. |
| FLEX-ACCT-BAL-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense  This checks if the account available balance is sufficient for the dr entry. Flexcube also check if the account class allowed overdraft and if there is credit line available.  If indicator is ‘Y’, system will debit the amount regardless whether there is sufficient fund or account allowed OD.  If ‘N’, post to suspense when available balance insufficient and account doesn’t allowed OD  If ‘R’, the entry will be rejected after the validation |

## FLEXCUBE ACK-ITR Handoff Format

This ITR format can be used in batch (EOD) as well as intra-day for file-based postings in to the accounts. This layout provides flexibility to the interfacing application on whether file-processing feedback is required or not. Section 4.2.3 illustrates on input file details/layout where as Section 4.2.4 mentions about the acknowledgement file layout.

### File Header

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Len** | **Start** | **Description** |
| Indicator | 3 | 1 | ‘HDR’ indicates header record |
| Date | 8 | 4 | System processing date (CCYYMMDD) |
| File name | 30 | 12 | The full name of the accounting entry file. It will carry the country code. |
| Acknowledgement (return) file indicator | 1 | 42 | Enrich by centralized control program |
| Offset leg indicator | 1 | 43 | Enrich by centralized control program |

Please note that FLEXCUBE has standard naming convention on the ITR filename.

Filename: IIBBBAAA.DAT represents Incoming Intra-day file

Filename: OIBBBAAA.DAT represents Outgoing Intra-day file

Filename: IEBBBAAA.DAT represents Incoming Eod file

Filename: OEBBBAAA.DAT represents Outgoing Eod file

Where BBB is branch code and AAA is application id.

**Special Naming convention for India, Sri-Lanka & Bangladesh**

Due to large nos. of branches and departments, incoming file name convention is revised as:

Filename: IIBBBAAA.SSS represents Incoming Intra-day file

Filename: IEBBBAAA.SSS represents Incoming EOD file

Where SSS is running sequence no. and it should be reset to 001 in the interfacing system at the start of each business day

### File Trailer

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Len** | **Start** | **Description** |
| Indicator | 3 | 1 | ‘TRL’ indicates trailer record |
| Date | 8 | 4 | System processing date (CCYYMMDD) |
| Record count | 10 | 12 | Number of records in the interface file which includes the header and trailer record |

### Input file record Detail

Record length = 696

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Type and Length** | **Description** |
| FLEX-BRANCH-CODE | VARCHAR2(3 ) | (Mandatory)  Flexcube format e.g. M01 for Malaysia LV 1  Transaction Branch |
| FLEX-SOURCE-CODE | VARCHAR2(15 ) | (Mandatory)  source system e.g. CPC |
| FLEX-CURR-NO | NUMBER(6) | (Optional)  Incremental counter within a unique batch. Flexcube will ignore this field and recalculate. |
| FLEX-BATCH-NO | NUMBER(4) | (Mandatory)  Unique batch no |
| FLEX-DEPARTMENT-CODE | VARCHAR2(3) | (Optional)  If not sent then FLEXCUBE will assign default value |
| FLEX-CCY-CD | VARCHAR2(3) | (Mandatory)  SWIFT format. See note 1 below. |
| FLEX-INITIATION-DATE | DATE | (Optional)  CCYYMMDD (TXN date) |
| FLEX-AMOUNT | NUMBER(22,3) | (Mandatory)  18-digit followed by a decimal point followed by 3-digit decimal. See note 1 below. |
| FLEX-ACCOUNT | VARCHAR2(20 ) | (Mandatory)  COSMOS 10 digit external code or FLEXCUBE GSL. See note 2 below. |
| FLEX-ACCOUNT-BRANCH | VARCHAR2(3) | (Mandatory)  Flexcube format e.g. M01  Account Branch |
| FLEX-TXN-CODE | VARCHAR2(3) | (Mandatory)  FLEXCUBE Trans Code e.g “001”, “098”, “100” |
| FLEX-DR-CR | CHAR(1) | (Mandatory)  D or C |
| FLEX-LCY-EQUIVALENT | NUMBER(22,3) | (Refer note 1)  19-digit followed by a decimal point followed by 3-digit decimal. |
| FLEX-EXCH-RATE | NUMBER(14,8) | (Refer note 1)  IF CCY ~= LCY & FLEX-EXCH-RATE is null  Default to FLEXCUBE rate. See note 1 below.  If it’s a local currency transaction, this field should be null.  If it's a local currency transaction, FLEX-AMOUNT and FLEX-LCY-EQUIVALENT should contain the amount of the transaction and FLEX-EXCH-RATE should be 1 .  If it's a non-local ccy txn, FLEX-AMOUNT contains the amount in foreign currency, FLEX-LCY-EQUIVALENT contains the local currency equivalent amount and exchange rate the rate used. |
| FLEX-VALUE-DATE | DATE | (If null then FLEXCUBE will default to current business date)  Format: CCYYMMDD  There is no limit for future value date as long as branch holidays are maintained for that year in Flexcube. Parameterization is available for back value date |
| FLEX-INSTRUMENT-NO | VARCHAR2(16) | (Mandatory if transaction code is defined with Cheque Mandatory = YES)  This field represents Cheque no |
| FLEX-REL-CUST | VARCHAR2(9) | (Mandatory if it is GL)  Country code followed by 6 digit base number or Country code  e.g. **AU0** & 6 digit base number |
| FLEX-ADDL-TEXT | VARCHAR2(255) | (Optional)  Chopped up in 4 lines of 32 character |
| FLEX-TXN-MIS-1 | VARCHAR2(9) | (Optional)  Transaction OUC |
| FLEX-TXN-MIS-2 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-3 | VARCHAR2(9) | (Optional)  Expense MIS |
| FLEX-TXN-MIS-4 | VARCHAR2(9) | (Optional)  Product MIS |
| FLEX-TXN-MIS-5 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-6 | VARCHAR2(9) | (Optional)  Security MIS (6 digits and ending with spaces) |
| FLEX-TXN-MIS-7 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-8 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-9 | VARCHAR2(9) | (Optional) |
| FLEX-TXN-MIS-10 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-1 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-2 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-3 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-4 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-5 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-6 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-7 | VARCHAR2(9) | (Optional) |
| FLEX-COMP-MIS-8 | VARCHAR2(9) | (Optional) |
| FLEX-REFINANCE-AMOUNT | NUMBER (18) | (Optional)  18 Digits without decimal point. When the entry is uploaded, Flexcube to store this field with decimal place depending on the local currency definition. This field must be included in the POSTIC ITR handoff to COSMOS as well as the handoff to Transactor (existing refinancing amount field).  Eg, if this field contain 999 and the LCY decimal in Flexcube is 2, in POSTIC ITR handoff, it is handoff as 00000000000000999.00 |
| FLEX-COST-CODE1 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE2 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE3 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE4 | VARCHAR2(9) | (Optional) |
| FLEX-COST-CODE5 | VARCHAR2(9) | (Optional) |
| FLEX-RELATED-ACCOUNT | VARCHAR2(20) | (Optional) |
| FLEX-RELATED-REF | VARCHAR2(16) | (Optional) |
| FLEX-USER-REFERENCE | VARCHAR2(16) | (Optional) |
| FLEX-ACCT-POST-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense) |
| FLEX-EXCH-RATE-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense |
| FLEX-VALUE-DATE-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense |
| FLEX-ACCT-BAL-OVERWRITE | VARCHAR2(1) | (Mandatory)  Y or N or R (N means post to suspense if validation criteria not met, R means reject entry instead of posting to suspense |

Note 1:

|  |  |  |
| --- | --- | --- |
|  | **Foreign Currency Transaction** | **Local Currency Transaction** |
| **FLEX-CCY-CD** | Transaction currency | Transaction currency  (For P&L items, it should be the contract currency) |
| **FLEX-AMOUNT** | Amount in transaction currency | Amount in local currency |
| **FLEX-LCY-EQUIVALENT** | Amount in local currency determined using FLEX-EXCH-RATE | Null (binary 0) |
| **FLEX-EXCH-RATE** | FX rate from source system | Null (binary 0) |

### Output (Return) file Details

Header and Trailer record layout remains same for the return file. Only filename information will be changed, rest of the information will remain same. Based on FLEXCUBE standard naming convention, first character of filename is changed from ‘I’ to ‘O’.

Example: If input filename was IE760CPC.DAT then return filename will be OE760CPC.DAT

In India, Sri-Lanka and Bangladesh case, if input file is say IE000C01.001 then return filename will be OE000C01.001

FLEXCUBE will use following detail record layout while handing off the return acknowledgement file to interfacing application. In general, output detail record will consist of input record + FLEXCUBE processing related output fields.

Record length = 878

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Type and Length** | **Description** |
| FLEX-BRANCH-CODE | VARCHAR2(3 ) | As per input file record |
| FLEX-SOURCE-CODE | VARCHAR2(15 ) | As per input file record |
| FLEX-CURR-NO | NUMBER(6) | As per input file record |
| FLEX-BATCH-NO | NUMBER(4) | As per input file record |
| FLEX-DEPARTMENT-CODE | VARCHAR2(3) | As per input file record |
| FLEX-CCY-CD | VARCHAR2(3) | As per input file record |
| FLEX-INITIATION-DATE | DATE | As per input file record |
| FLEX-AMOUNT | NUMBER(22,3) | As per input file record |
| FLEX-ACCOUNT | VARCHAR2(20 ) | As per input file record |
| FLEX-ACCOUNT-BRANCH | VARCHAR2(3) | As per input file record |
| FLEX-TXN-CODE | VARCHAR2(3) | As per input file record |
| FLEX-DR-CR | CHAR(1) | As per input file record |
| FLEX-LCY-EQUIVALENT | NUMBER(22,3) | As per input file record |
| FLEX-EXCH-RATE | NUMBER(14,8) | As per input file record |
| FLEX-VALUE-DATE | DATE | As per input file record |
| FLEX-INSTRUMENT-NO | VARCHAR2(16) | As per input file record |
| FLEX-REL-CUST | VARCHAR2(9) | As per input file record |
| FLEX-ADDL-TEXT | VARCHAR2(255) | As per input file record |
| FLEX-TXN-MIS-1 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-2 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-3 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-4 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-5 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-6 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-7 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-8 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-9 | VARCHAR2(9) | As per input file record |
| FLEX-TXN-MIS-10 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-1 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-2 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-3 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-4 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-5 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-6 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-7 | VARCHAR2(9) | As per input file record |
| FLEX-COMP-MIS-8 | VARCHAR2(9) | As per input file record |
| FLEX-REFINANCE-AMOUNT | NUMBER (18) | As per input file record |
| FLEX-COST-CODE1 | VARCHAR2(9) | As per input file record |
| FLEX-COST-CODE2 | VARCHAR2(9) | As per input file record |
| FLEX-COST-CODE3 | VARCHAR2(9) | As per input file record |
| FLEX-COST-CODE4 | VARCHAR2(9) | As per input file record |
| FLEX-COST-CODE5 | VARCHAR2(9) | As per input file record |
| FLEX-RELATED-ACCOUNT | VARCHAR2(20) | As per input file record |
| FLEX-RELATED-REF | VARCHAR2(16) | As per input file record |
| FLEX-USER-REFERENCE | VARCHAR2(16) | As per input file record |
| FLEX-ACCT-POST-OVERWRITE | VARCHAR2(1) | As per input file record |
| FLEX-EXCH-RATE-OVERWRITE | VARCHAR2(1) | As per input file record |
| FLEX-VALUE-DATE-OVERWRITE | VARCHAR2(1) | As per input file record |
| FLEX-ACCT-BAL-OVERWRITE | VARCHAR2(1) | As per input file record |
| Fillers | Spaces(150) | For future use |
| Return Status code | VARCHAR2(11) | Please refer the list of return codes in Note 1. |
| FLEX Suspense account | VARCHAR2(20) | Only applicable when rejected items are posted to suspense |
| FLEX Suspense/Reject Indicator | VARCHAR2(1) | S – means posted to suspense account  R – means rejected only and it is not posted to suspense |

Note 1:

List of return status codes

|  |  |
| --- | --- |
| **Codes** | **Description** |
| IF-000 | Handoff Successful |
| IF-050 | User Defined Exception |
| IF-061 | Invalid Check Number. |
| IF-062 | Invalid Dr/Cr Indicator |
| IF-063 | Error Getting the Currency Rates |
| IF-064 | Error Generating Sequence Number |
| IF-065 | Suspense Account not Found for the Branch |
| IF-066 | Customer not Found In Flexcube |
| IF-067 | Invalid Related Account |
| IF-068 | Invalid Related Reference |
| IF-069 | Invalid MIS Code |
| IF-070 | Invalid Cost Code |
| IF-071 | Error Passing A/c Entries |
| IF-072 | Instrument Code Mandatory for Transaction Code |
| IF-073 | GL - Currency Restriction Mismatch |
| IF-074 | GL - Branch Restriction Mismatch |
| IF-076 | A Foreign currency amount posting attempted on a local currency account. |
| IF-077 | Could Not Update Balance for Account |
| IF-101 | Invalid Transaction Code. |
| IF-102 | Invalid Branch Code. |
| IF-103 | Account Branch is Different |
| IF-104 | Account is Closed |
| IF-105 | Mismatch in A/c CCY and transaction CCY |
| IF-106 | GL is Blocked |
| IF-106 | GL is Blocked |
| IF-107 | GL Record is not Open |
| IF-108 | Account not Found In FLEXCUBE |
| IF-109 | Problem Encountered while Retrieving Account. |
| IF-110 | Value Date is Different From Today. |
| IF-111 | Rate variance Greater than maximum rate variance |
| IF-112 | Rate variance Greater than normal rate variance |
| IF-113 | LCY variance Greater than LCY variance limit |
| IF-114 | Account open date greater than value date |
| IF-115 | Account balance not sufficient |
| IF-116 | Account Marked for No Debits |
| IF-117 | Account Marked for No Credits |
| IF-118 | Account having dormant status |
| IF-119 | Account having frozen status |
| IF-120 | Related customer is not valid |
| IF-121 | GL having branch restrictions |
| IF-122 | Account is a customer GL |
| IF-123 | Account is Closed. Posting to deferred |
| IF-124 | GL is Closed. Posting to deferred |
| IF-127 | Account is Blocked. |
| IF-128 | Account is marked Deceased. |
|  |  |

## Batch Conversion Process

NA

## MQ Message Format

NA

# Recovery procedure/contingency plan

# Appendix

## 6.1 India Specific Requirements

a) Flex\_related\_ref will be used to pass customer ref no

b) Any other user defined ref no will be passed in Flex\_user\_reference

c) For contract type entries it was suggested that Flex\_instrument\_no be used

for passing the contract ref no.

d) The customer reference field in the ITR needs to be mapped onto Field 61 of the MT 940 message

e) FLEX-SOURCE-CODE will be used to capture actual product code (4 char.) instead of the application id. This is required for mapping purpose at FLEXCUBE at end while deriving the balances for FMS.

# AUXILIARY

## 7.1 References

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## 7.2 Acronyms and Abbreviations

| Term | Description |
| --- | --- |
| APT | Asia Pacific Technology |
| S&P | Standards & Procedures |
|  |  |
|  |  |

## 7.3 Last Amendment

|  |  |  |
| --- | --- | --- |
| Ver. No. | Effective Date (ddmmyy) | Nature of change |
| 01 | 25 July 2001 | First Release |
| 02 | 10 Aug 2001 | Add ACCT-BAL-OVERWRITE |
| 03 | 22 Oct 2001 | Product MIS on MIS-4 |
| 04 | 29 Jan 2003 | Change the FLEX-COMP-MIS-10 field to FLEX-REFINANCE-AMOUNT |
| 05 | 16 Sep 2003 | FLEX-COMP-MIS-9 is removed and length of FLEX-REFINANCE-AMOUNT increased to number (18) |
| 06 | 18 Sep 2003 | Every field is described as mandatory or optional. Additional section added for FLEX-ACK-ITR |
| 07 | 16 Jan 2004 | This version is changed to reflect India changes: Added appendix sec. 6.1 to specify India’s requirement. File naming convention revised in Sec.4.1 and Sec.4.2 Department code and value date explanation added in Sec.4.1.3 & 4.2.3 |
| 08 | 28 Aug 2007 | Serene – Sect 4.1.3, added Note 3 to explain thelast 4 override indicators in ITR file |

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Document Sign-Off Sheet

Document Name: Interface Control Document – FLEX-ITR

Version No.: 07

***Approval***

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|  |  |  |  |
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| **APT Flexcube Product Support and Development Group Head** | Signature |  | Date |
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