

EBS and Search String

EBS Configuration

1. Create Account Symbols
2. Assign Accounts to Account Symbol
3. Create Keys for Posting Rules
4. Define Posting Rules
5. Create Transaction Type
6. Assign External Transaction Types to Posting Rules
7. Assign Bank Accounts to Transaction Types

Create Account Symbols:

Here we have to maintain Account symbol and description

Change View "Create Account Symbols": Overview of Selected Set

| Dialog Structure | Create Account Symbols | | |
|---------------------------------|------------------------|---------------|--------------------------|
| | Account Symbol | Description | SIP Relev. |
| • Create Account Symbols | CHK | Cheque | <input type="checkbox"/> |
| • Assign Accounts to Account Sy | CHRS | Bank Charges | <input type="checkbox"/> |
| • Create Keys for Posting Rules | FOREX | Forex Charges | <input type="checkbox"/> |
| • Define Posting Rules | INT | Interest | <input type="checkbox"/> |
| ▼ Create Transaction Type | PAYM | Payment | <input type="checkbox"/> |
| • Assign External Transaction | RCPT | Receipt | <input type="checkbox"/> |
| • Assign Bank Accounts to Tran: | | | |

Assign Accounts to Account Symbol:

Here we have to assign respective GL's to Account symbols.

Note that we can use masking while maintaining GL's so that same account symbols can be used for multiple transaction types for different banks.

Change View "Assign Accounts to Account Sym..": Overview

New Entries

Chart of Accts: 2020
Description: COA For 2020 Konica

| Assign Accounts to Account Symbol | | | | | | |
|-----------------------------------|--------------------------|----------|-------------|---------------|--------------------------|--|
| Acct Symbol | Acct Mod. | Currency | G/L Account | Description | SIP Relev. | |
| CHK | + | + | 200012 | Cheque Pay | <input type="checkbox"/> | |
| CHRS | <input type="checkbox"/> | + | 400008 | Bank Charges | <input type="checkbox"/> | |
| FOREX | + | + | 400009 | Forex Charges | <input type="checkbox"/> | |
| INT | + | + | 400007 | Interest | <input type="checkbox"/> | |
| MAIN | + | + | 200010 | main bank | <input type="checkbox"/> | |
| PAYM | + | + | 200012 | Payment | <input type="checkbox"/> | |
| RCPT | + | + | 200011 | Receipt | <input type="checkbox"/> | |

Create Keys for Posting Rules:

Here we have to maintain posting rule and its description.

Change View "Create Keys for Posting Rules": Overview of Selected Set

| Dialog Structure | Posting Rule | Text |
|------------------------------------|--------------|----------------|
| * Create Account Symbols | CHK | Cheque payment |
| * Assign Accounts to Account Symb | CHRS | Bank Charges |
| * Create Keys for Posting Rules | INT | Bank Interest |
| * Define Posting Rules | PAYM | Payment |
| ▼ Create Transaction Type | RCPT | receipt |
| * Assign External Transaction Typ | | |
| * Assign Bank Accounts to Transact | | |

Define Posting Rules:

For configuring this we need to understand what is posting area and posting type.

Posting Area – It contains 2 values, 1-Bank accounting and 2-Subledger accounting.

1-Bank accounting to be used when the entry to be posted is GL to GL and no sub ledger is required for posting.

Example1: Vendor payment which is already posted crediting the outgoing bank GL, while doing BRS system will post entry debiting the Outgoing bank GL and crediting the Main bank GL. In this case both the line items are GL to GL and no sub ledger is involved. Hence we have to take posting area as '1' here.

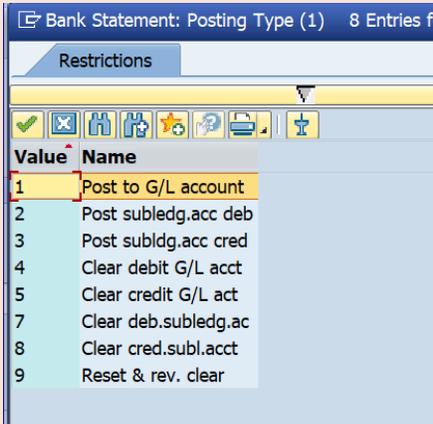
Example2: Bank Charges to be posted debiting the bank charges GL and crediting the main bank GL, hence we have to take posting area as '1'.

2-Subledger accounting to be used when a sub ledger is involved either in credit side or debit side.

Example3: Direct deposit from customer mentioning either document number or reference number which will come in note to payee in MT940, in this case customer open items to be cleared and main bank to be debited. As this entry involved customer sub ledger we have to select posting key as '2' for that posting rule.

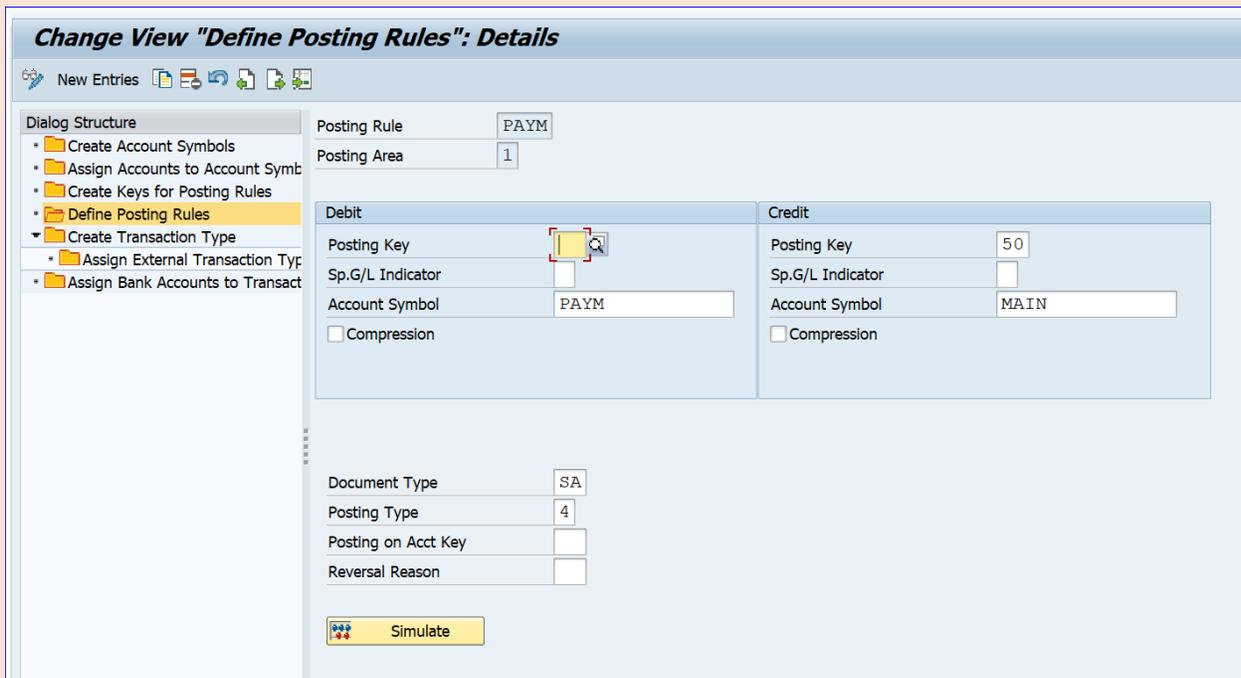
Posting Type:

It contains below values.



| Value | Name |
|-------|----------------------|
| 1 | Post to G/L account |
| 2 | Post subldg.acc deb |
| 3 | Post subldg.acc cred |
| 4 | Clear debit G/L acct |
| 5 | Clear credit G/L act |
| 7 | Clear deb.subldg.ac |
| 8 | Clear cred.subl.acct |
| 9 | Reset & rev. clear |

W.r.t example 1, accounting entry will be debiting the Outgoing GL and crediting the Main GL. While posting to Outgoing GL it should post the line item clearing the outgoing GL in the payment document. Hence, we have to select 4-Clear debit GL account.



Change View "Define Posting Rules": Details

Dialog Structure

- Create Account Symbols
- Assign Accounts to Account Symb
- Create Keys for Posting Rules
- Define Posting Rules
- Create Transaction Type
 - Assign External Transaction Typ
- Assign Bank Accounts to Transact

Posting Rule: PAYM
Posting Area: 1

| Debit | Credit |
|--------------------------------------|--------------------------------------|
| Posting Key: [] | Posting Key: 50 |
| Sp.G/L Indicator: [] | Sp.G/L Indicator: [] |
| Account Symbol: PAYM | Account Symbol: MAIN |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Compression |

Document Type: SA
Posting Type: 4
Posting on Acct Key: []
Reversal Reason: []

Simulate

Similarly, while reconciling customer receipt, Incoming GL should be credited and Main GL should be debited. Hence, we have to select posting type as 5.

Change View "Define Posting Rules": Details

New Entries     

Dialog Structure

- Create Account Symbols
- Assign Accounts to Account Sy
- Create Keys for Posting Rules
- Define Posting Rules
- Create Transaction Type
 - Assign External Transaction
 - Assign Bank Accounts to Trans

Posting Rule: RCPT
Posting Area: 1

| Debit | Credit |
|--------------------------------------|--------------------------------------|
| Posting Key: 40 | Posting Key: |
| Sp.G/L Indicator: | Sp.G/L Indicator: |
| Account Symbol: MAIN | Account Symbol: RCPT |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Compression |

Document Type: SA
Posting Type: 5
Posting on Acct Key:
Reversal Reason:

 Simulate

You can check with Simulate option to verify whether the correct GL's are being picked or not.

Posting Rule: RCPT
Posting Area: 1

| Debit | Credit |
|--------------------------------------|----------------------|
| Posting Key: 40 | Posting Key: |
| Sp.G/L Indicator: | Sp.G/L Indicator: |
| Account Symbol: MAIN | Account Symbol: RCPT |
| <input type="checkbox"/> Compression | |

Document Type: SA
Posting Type: 5
Posting on Acct Key:
Reversal Reason:

 Simulate

Change View "Define Posting Rules": Details

Target

Posting Keys: 40

Special G/L Ind.:
G/L acct: 200010
Account Symbol: MAIN

Credit

Posting Keys:
Special G/L Ind.:
G/L acct: 200011
Account Symbol: RCPT

Document type: SA
Posting Type: 5

In above case, Main bank GL 200010 is being debited and Outgoing bank GL 200011 is being credited, which is correct as per our requirement.

W.r.t example 3, we are considering a scenario where our customers directly make payment into our account, and they mention document numbers. In this case, we have an open invoice in the customer account and while posting that invoice should be cleared and Main bank GL should get debited. Hence we have to take Posting area as '2' and posting type as '8'.

Change View "Define Posting Rules": Details

New Entries     

Dialog Structure

- Create Account Symbols
- Assign Accounts to Account Sy
- Create Keys for Posting Rules
- Define Posting Rules
- Create Transaction Type
- Assign External Transaction
- Assign Bank Accounts to Tran

Posting Rule:
 Posting Area:

| Debit | Credit |
|---|--|
| Posting Key: <input type="text" value="40"/> | Posting Key: <input type="text"/> |
| Sp.G/L Indicator: <input type="text"/> | Sp.G/L Indicator: <input type="text"/> |
| Account Symbol: <input type="text" value="MAIN"/> | Account Symbol: <input type="text"/> |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Compression |

Document Type:
 Posting Type:
 Posting on Acct Key:
 Reversal Reason:

 Simulate

W.r.t example 2, when there are bank charges, Bank charges GL should get debited as it is an expense and Main bank GL should get credited.

Change View "Define Posting Rules": Details

New Entries     

Dialog Structure

- Create Account Symbols
- Assign Accounts to Account Sy
- Create Keys for Posting Rules
- Define Posting Rules
- Create Transaction Type
- Assign External Transaction
- Assign Bank Accounts to Tran

Posting Rule:
 Posting Area:

| Debit | Credit |
|---|---|
| Posting Key: <input type="text" value="40"/> | Posting Key: <input type="text" value="50"/> |
| Sp.G/L Indicator: <input type="text"/> | Sp.G/L Indicator: <input type="text"/> |
| Account Symbol: <input type="text" value="CHRS"/> | Account Symbol: <input type="text" value="MAIN"/> |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Compression |

Document Type:
 Posting Type:
 Posting on Acct Key:
 Reversal Reason:

 Simulate

New Entries: Details of Added Entries

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Dialog Structure

- Create Account Symbols
- Assign Accounts to Account Sy
- Create Keys for Posting Rules
- Define Posting Rules**
- Create Transaction Type
 - Assign External Transaction
- Assign Bank Accounts to Trans

Posting Rule: FRX
Posting Area: 1

| Debit | Credit |
|--|--|
| Posting Key: 40 | Posting Key: 50 |
| Sp.G/L Indicator: <input type="checkbox"/> | Sp.G/L Indicator: <input type="checkbox"/> |
| Account Symbol: FOREX | Account Symbol: MAIN |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Compression |

Document Type: SA
Posting Type: 1
Posting on Acct Key:
Reversal Reason:

Simulate

Same for Bank Interest.

Change View "Define Posting Rules": Details

New Entries

Dialog Structure

- Create Account Symbols
- Assign Accounts to Account Sy
- Create Keys for Posting Rules
- Define Posting Rules**
- Create Transaction Type
 - Assign External Transaction
- Assign Bank Accounts to Trans

Posting Rule: INT
Posting Area: 1

| Debit | Credit |
|--|--|
| Posting Key: 40 | Posting Key: 50 |
| Sp.G/L Indicator: <input type="checkbox"/> | Sp.G/L Indicator: <input type="checkbox"/> |
| Account Symbol: INT | Account Symbol: MAIN |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Compression |

Document Type: SA
Posting Type: 1
Posting on Acct Key:
Reversal Reason:

Simulate

Create Transaction Type:

Change View "Create Transaction Type": Overview of Selected Set

| Trans. Type | Name |
|-------------|-----------|
| SBI | SBI MT940 |

Assign External Transaction:

For use of interpretation algorithm please refer testing scenarios 1 and 2.

You refer documentation provided by SAP for complete understanding of different algorithms.



Interpretation Algorithms.pdf

Change View "Assign External Transaction Types to Postin..": Overview

| External Tra... | + | Posting ... | Interpretation Algorithm | P.. | Processing Type |
|-----------------|---|-------------|------------------------------------|-----|---------------------|
| NCHK | + | CHK | 020: Document Number Search | | Dummy entry - not a |
| NINT | - | INT | 000: No Interpretation | | Dummy entry - not a |
| NTRF | + | RCPT | 015: Clearing Transaction: Selec.. | | Dummy entry - not a |
| NTRF | - | PAYM | 015: Clearing Transaction: Selec.. | | Dummy entry - not a |

Assign Bank Accounts to Transaction Types:

Change View "Assign Bank Accounts to Transaction Types": Overview of S

| Bank Key | Bank Account | Trans. T... | Currency Class | M. Su... | Co... | Cash Manag... | Worklist | N. | D | D.. |
|----------|--------------|-------------|----------------|--------------------------|-------|---------------|----------|--------------------------|---|-----|
| SBI00940 | 123456001 | SBI | | <input type="checkbox"/> | | | | <input type="checkbox"/> | | |

With this step the configuration is completed for EBS.

External transaction type is linked to Posting rule and posting rule is linked to account and account key contains the GL Account, to which the document to be posted.

Before we move on to testing, we have to understand the MT940 format.

Below are the main tags we need to know for sample file creation.

```
-----Sample data-1-----
:20:20241222
:25:123456001
:28C:3
:60F:C241222INR10000,00
:61:2412221220D1200,00NTRFNPAY1234567//
:86:NPAY1234567 PAYMENT TO VENDOR
:62F:C241222INR8800,00
-----Sample data-1-----
```



SWIFT MT940
Specifications Guide J

Refer Attached file better understanding of tags. Every bank will have their own specification file with details of External transaction types that will be used in MT940. Most of them will be same across banks, but it is suggestable to take the same from bank to avoid unforeseen issues.

Tag :20: - denotes statement date in YYYYMMDD format

:25: - Account number

:28C: Statement number

:60F: - Contains opening balance - First character represents whether the opening balance is debit or credit, 'C' means credit balance and 'D' means debit balance. Next 6 characters is date in YYMMDD format. Next 3 Characters is Currency and the Amount.

:61: - Transaction details – First 6 characters is date in YYMMDD format and will be used for posting date. Next 4 characters is date in MMDD format and will be document date of the posting. Next character D/C indicates debit/credit. After that amount specified with decimals separated by ','. And then external transaction type(configured in step-Assign External Transaction Types to Posting Rules) continued with reference details of transaction.

:86: - It contains notes of the transaction.

:62F: Same as :60F:, but it contains closing balance.

Now we will proceed with testing.

Scenario-1 Algorithm 015

Vendor invoice posted for Rs.1000 and made a payment.

Invoice as below.

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 1908 Company Code: 2020 Fiscal Year: 2024
 Document Date: 22.12.2024 Posting Date: 22.12.2024 Period: 9
 Reference: EBS TESTING Cross-Comp.No.:
 Currency: INR Texts Exist: Ledger Group:

| CoCd | Item Key | SGAccount | Description | Amount | Crcy | Tx | TTY | Trs |
|------|----------|------------|----------------------|-----------|------|----|-----|-----|
| 2020 | 1 31 | 2000000710 | Mohan Pvt Ltd | 1,200.00- | INR | | | EGK |
| | 2 40 | 400002 | Salaries Expenses Ac | 1,200.00 | INR | | | |

Payment document posted using F-53 and the transaction number updated in Assignment filed.

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 1510 Company Code: 2020 Fiscal Year: 2024
 Document Date: 22.12.2024 Posting Date: 22.12.2024 Period: 9
 Reference: EBS TESTING Cross-Comp.No.:
 Currency: INR Texts Exist: Ledger Group:

| CoCd | Item Key | SGAccount | Description | Amount | Crcy | Tx | TTY | Trs | Assignment |
|------|----------|------------|------------------|-----------|------|----|-----|-----|-------------|
| 2020 | 1 50 | 200012 | SBI Outgoing Pay | 1,200.00- | INR | | | | NPAY1234567 |
| | 2 25 | 2000000710 | Mohan Pvt Ltd | 1,200.00 | INR | | | | NPAY1234567 |

Now we will upload below file through FF_5.

```

SBI_MT940_23122024 - Notepad
File Edit Format View Help
:20:20241222
:25:123456001
:28C:3
:60F:C241222INR10000,00
:61:2412221220D1200,00NTRFNPAY1234567//
:86:NPAY1234567 PAYMENT TO VENDOR
:62F:C241222INR8800,00
  
```

Bank Statement: Various Formats (SWIFT, MultiCash, BAI...)

File Specifications

- Import Data
- Elect. Bank Statement Format: **SWIFT MT940 international format (field ...)**
- Statement File: C:\Users\S4H088\Desktop\SBI_MT940_23122024.txt
- Workstation Upload
- Zero Revenue Permitted (Swift)

Posting Parameters

- Post Immediately
- Only Bank Accounting
- Do Not Post
- Assign Value Date to Account

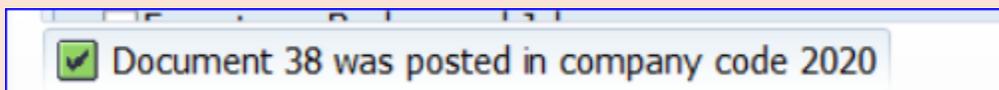
Cash Management

- CM Payment Advice
- Summarization
- Memo Rec. Type:
- Account Balance
- Payment Status

Algorithms

BELNR Number Interval: [] to []

Below message was displayed after execution.



We can check further details in Tcode-FEBAN

Selection of Bank Statement Items

Hdr data

| | | | | |
|------------------|-------|----|-----|-----|
| Company Code | 2020 | to | [] | [] |
| House Bank | SBI01 | to | [] | [] |
| Account ID | SBI01 | to | [] | [] |
| Statement Number | [] | to | [] | [] |
| Statement Date | [] | to | [] | [] |
| Statement Status | [] | to | [] | [] |
| Currency | [] | to | [] | [] |

Item Data

| | | |
|-----------------------------|----------------|------------|
| Bank Accounting Status | All line items | [] |
| Subledger Accounting Status | All line items | [] |
| Amount | [] | to [] [] |
| Bundle Number | [] | to [] [] |
| Posting Rule | [] | to [] [] |
| Business Transaction Code | All line items | [] |
| Document Number in Bank Ac | [] | to [] [] |
| Document Number in Subledg | [] | to [] [] |
| Posting Date | [] | to [] [] |

Display Bank Statement Item

Next Open Item Worklist i

Refresh Status Select Worklist Again

| Bank Accounti.. | Subledger | CoCode | House Bk | Acct ID | Stmnt No. | MR No | Stmnt Date | B.. | Transact. Name | Value Date | AC | Amount | Acct Type | Account | Attachment | In Process |
|-----------------|-----------|--------|----------|---------|-----------|-------|------------|-----|-------------------|------------|-----|-----------|-----------|---------|------------|------------|
| | | 2020 | SBI01 | SBI01 | 3 | 1 | 22.12.2024 | | Assignment Number | 22.12.2024 | INR | 1,200.00- | | | | |

Bank statement of 2, item 1 (house bank account SBI01 SBI01)

Transaction: Assignment Number Transaction Amt: 1,200.00- INR

Partner: _____

G/L Account: 200012

Value date: 22.12.2024

Posting Date: 22.12.2024

For. Crcty Amt: 0.00

Calculate with Exchange Rate

Other Properties

Note to Payee: NPAY1234567 PAYMENT TO VENDOR

Scan Discard Changes Switch Original/Changed

Documents Payment Usage Log Attachment List

Posting Area 1 - Bank Accounting

Document Number: 38 Reverse

If the status is green that means BRS document generated successfully.

We can check in payment usage tab for document details which was cleared.

Documents Payment Usage Log Attachment List

| CoCode | DocumentNo | Fiscal Yr | Item | Posting Date | Key Account type | Account | Amount in FC Crcty | Text |
|--------|------------|-----------|------|--------------|------------------|---------|--------------------|--|
| 2020 | 38 | 2024 | 2 | 22.12.2024 | 40 S | 200012 | 1,200.00 INR | NPAY1234567 NPAY1234567 PAYMENT TO ... |
| 2020 | 1510 | 2024 | 1 | 22.12.2024 | 50 S | 200012 | 1,200.00- INR | |

In Log tab, we can see the details of interpretation algorithm.

Documents Payment Usage Log Attachment List

| Overview | Nu... |
|--|-------|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Interpretation algorithm "015: Clearing Transaction: Selection Using Assign is used <input checked="" type="checkbox"/> Document 38 was posted in company code 2020 | 1 |
| | 1 |

We have assigned algorithm 015 for external transaction type NTRF with sign '-' which means a payment.

For this algorithm to work, we should update the assignment field in payment document with transaction reference number then the same will be cleared when the statement contains that same reference number in :61: tag.

You can notice in below SS that document date is 20.12.2024 and posting date is 22.12.2024 which is mentioned in tag :61:.

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 38 Company Code: 2020 Fiscal Year: 2024
 Document Date: 20.12.2024 Posting Date: 22.12.2024 Period: 9
 Reference: SBI01SBI0124003 Cross-Comp.No.:
 Currency: INR Texts Exist: Ledger Group:

| CoCd | Item | Cost Ctr | Text | Key | SGAccount | Description | Amount | Currency | Tx | TTY | Trs | Assignment |
|------|------|----------|---|-----|-----------|------------------|-----------|----------|----|-----|-----|-------------|
| 2020 | 1 | | NPAY1234567 NPAY1234567 PAYMENT TO VENDOR | 50 | 200010 | SBI Bank Ac | 1,200.00- | INR | | | | NPAY1234567 |
| | 2 | | NPAY1234567 NPAY1234567 PAYMENT TO VENDOR | 40 | 200012 | SBI Outgoing Pay | 1,200.00 | INR | | | | 20241222 |

Scenario-2 – Algorithm 020.

Customer Invoice posted with document number 1800. Customer made payment mentioning the document number which will come in note to payee.

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 1800 Company Code: 2020 Fiscal Year: 2024
 Document Date: 22.12.2024 Posting Date: 22.12.2024 Period: 9
 Reference: EBS TESTING Cross-Comp.No.:
 Currency: INR Texts Exist: Ledger Group:

| CoCd | Item | Key | SGAccount | Description | Amount | Crcy | Tx | TTY | Trs | Assignment |
|------|------|-----|-----------|----------------------|-----------|------|----|-----|-----|------------|
| 2020 | 1 | 01 | 424 | JAY GANESH AGENCIES | 1,600.00 | INR | | | | AGD |
| | 2 | 50 | 400002 | Salaries Expenses Ac | 1,600.00- | INR | | | | 20241222 |

SBI_MT940_23122024 - Notepad

```
File Edit Format View Help
|:20:20241222
:25:123456001
:28C:4
:60F:C241222INR8800,00
:61:2412221220C1600,00NCHKNOREF//
:86:Document number 1800
:62F:C241222INR10400,00
```

In this case while Uploading statement in FF_5, we have to maintain BELNR interval range.

We can maintain as 1-9999999999

Bank Statement: Various Formats (SWIFT, MultiCash, BAI...)

File Specifications

Import Data
 Elect. Bank Statement Format: SWIFT MT940 international format (field ...)
 Statement File: C:\Users\S4H088\Desktop\SBI_MT940_23122024.txt
 Workstation Upload
 Zero Revenue Permitted (Swift)

Posting Parameters

Post Immediately
 Only Bank Accounting
 Do Not Post
 Assign Value Date to Account

Cash Management

CM Payment Advice Summarization Memo Rec. Type
 Account Balance Payment Status

Algorithms

BELNR Number Interval: to
 XBLNR Number Interval: to
 Bundling: Items per Bundle

Output Control

Display Bank Statement Item

Next Open Item Worklist i

Refresh Status Select Worklist Again

| Bank Account... | Subledger | CoCode | House Bk | Acct ID | Stmnt No. | MR No | Stmnt Date | B... | Transact. Name | Value Date | AC | Amount | Acct Type | Account | Attachment | In Process |
|-----------------|-----------|--------|----------|---------|-----------|-------|------------|------|-------------------|------------|-----|-----------|-----------|---------|------------|------------|
| | | 2020 | SBI01 | SBI01 | 3 | 1 | 22.12.2024 | | Assignment Number | 22.12.2024 | INR | 1,200.00- | | | | |
| | | 2020 | SBI01 | SBI01 | 4 | 1 | 22.12.2024 | | | 22.12.2024 | INR | 1,600.00 | | | | |

Bank statement of 2, item 1 (house bank account SBI01 SBI01)

Transaction: Unknown Transaction Transaction Amt: 1,600.00 INR

Partner:

Customer:

Value date: 22.12.2024
 Posting Date: 22.12.2024
 For. CrCY Amt: 0.00

Calculate with Exchange Rate

Other Properties

Note to Payee: DOCUMENT NUMBER 1800

Scan Discard Changes Switch Original/Changed

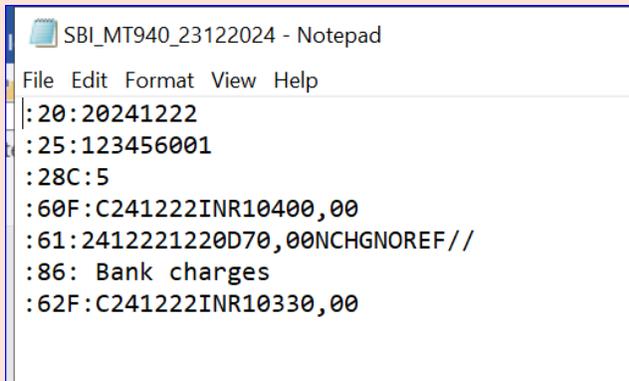
Documents Payment Usage Log Attachment List

Overview

| | Nu... |
|--|-------|
| • Interpretation algorithm "020: Document Number Search" is used | 1 |
| • Document 1400 was posted in company code 2020 | 1 |

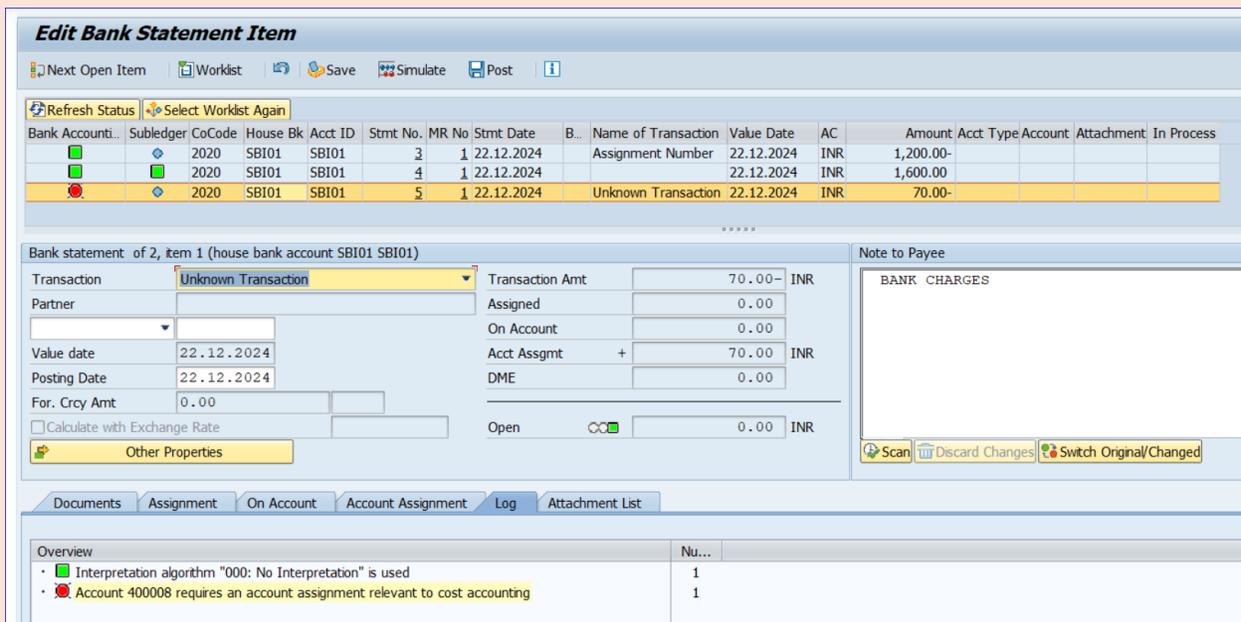
Scenario-3 Bank Charges

Bank debited charges of Rs.70.



Uploaded statement in FF_5 but entry was not posted.

We can refer FEBAN for getting the error details.



Posting got failed with error "Account 400008 requires an account assignment relevant to cost accounting".

For this we can default a cost centre in OKB9. Let us assume cost centre for this cost element cannot be defaulted because of certain business reason.

Here we can make use of search string.

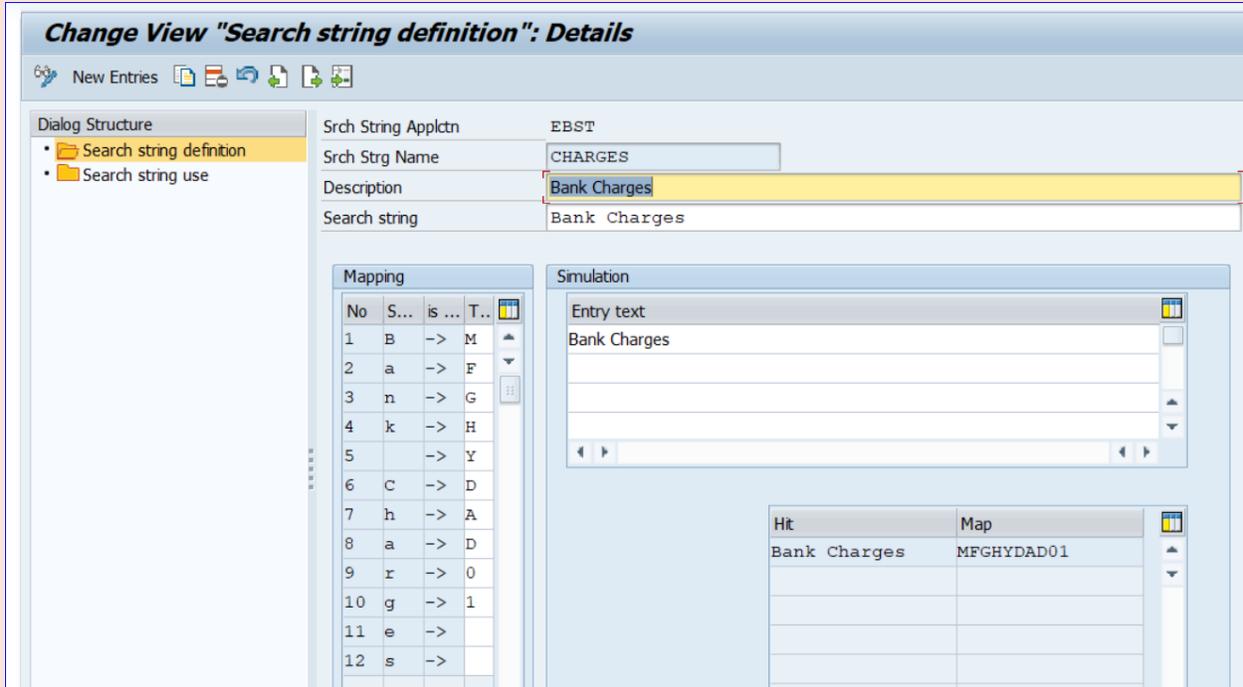
Search String: Tcode - OTPM

It contains 2 Steps.

1. Search string definition
2. Search string use

Search string definition:

Search string is used to derive a fixed value based on certain text in MT940 file and derived value can be passed to target fields in search string use step.

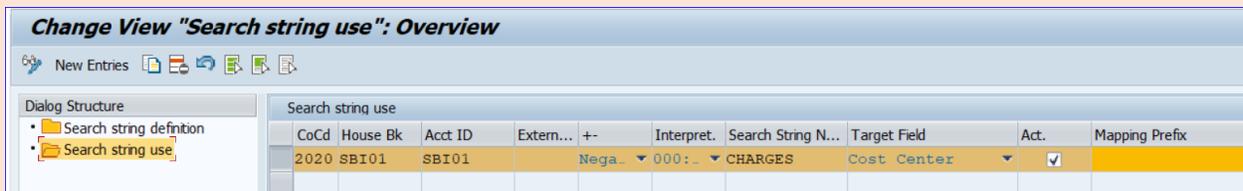


Once you enter text in search string field and hit enter mapping details will be filled automatically and you have to modify with required cost centre in target column. After maintaining click on test to simulate and check whether correct value being populated or not.

Search string use:

In this step we have to map the search string with target field.

In our case, we need to pass the value derived from search string to cost centre, hence we have selected cost centre.



Now, we will delete the already uploaded statement.

To delete the uploaded statements, use program - RFEBA96, in that application -001.

Uploaded the statement again and checking in FEBAN.

Display Bank Statement Item

Next Open Item Worklist i

Refresh Status Select Worklist Again

| Bank Accounti... | Subledger | CoCode | House Bk | Acct ID | Stmt No. | MR No | Stmt Date | B... | Name of Transaction | Value Date | AC | Amount | Acct Type | Account | Attachme |
|------------------|-----------|--------|----------|---------|----------|-------|------------|------|---------------------|------------|-----|-----------|-----------|---------|----------|
| | | 2020 | SBI01 | SBI01 | 3 | 1 | 22.12.2024 | | Assignment Number | 22.12.2024 | INR | 1,200.00- | | | |
| | | 2020 | SBI01 | SBI01 | 4 | 1 | 22.12.2024 | | | 22.12.2024 | INR | 1,600.00 | | | |
| | | 2020 | SBI01 | SBI01 | 5 | 1 | 22.12.2024 | | Unknown Transaction | 22.12.2024 | INR | 70.00- | | | |

Bank statement of 2, item 1 (house bank account SBI01 SBI01)

Transaction: Unknown Transaction Transaction Amt: 70.00- INR

Partner: []

Value date: 22.12.2024

Posting Date: 22.12.2024

For. CrCY Amt: 0.00

Calculate with Exchange Rate

Other Properties

Note to Payee: BANK CHARGES

Documents Log Attachment List

| Overview | Nu... |
|---|-------|
| • Interpretation algorithm "000: No Interpretation" is used | 1 |
| • Document 39 was posted in company code 2020 | 1 |

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 39 Company Code: 2020 Fiscal Year: 2024

Document Date: 20.12.2024 Posting Date: 22.12.2024 Period: 9

Reference: SBI01SBI0124005 Cross-Comp.No.: []

Currency: INR Texts Exist: Ledger Group: []

| CoCd | Item | Cost Center | Key | SG Account | Description | Amount | CrCY | Tx | TTY | Trs |
|------|------|-------------|-----|------------|--------------|--------|------|----|-----|-----|
| 2020 | 1 | MFGHYDAD01 | 40 | 400008 | Bank charges | 70.00 | INR | | | |
| | 2 | | 50 | 200010 | SBI Bank Ac | 70.00- | INR | | | |

Document posted with cost centre.

Scenario-4 – Bank charges for Forex.

Let us assume bank debits charges for Forex and uses the same external transaction type NCHG which is used for bank charges also. And client wants the forex charges to be posted to different GL 400009 instead of 400008.

In this case we will configure search string to derive GL 400009 when there is a text as FOREX CHARGES.

Display Bank Statement Item

Next Open Item | Worklist | i

Refresh Status | Select Worklist Again

| Bank Account | Subledger | CoCode | House Bk | Acct ID | Stmt No. | MR No | Stmt Date | B... | Name of Transaction | Value Date | AC | Amount | Acct Type | Account | Attachment | In Process |
|--------------|-----------|--------|----------|---------|----------|-------|------------|------|---------------------|------------|-----|-----------|-----------|---------|------------|------------|
| | | 2020 | SBI01 | SBI01 | 3 | 1 | 22.12.2024 | | Assignment Number | 22.12.2024 | INR | 1,200.00- | | | | |
| | | 2020 | SBI01 | SBI01 | 4 | 1 | 22.12.2024 | | | 22.12.2024 | INR | 1,600.00 | | | | |
| | | 2020 | SBI01 | SBI01 | 5 | 1 | 22.12.2024 | | Unknown Transaction | 22.12.2024 | INR | 70.00- | | | | |
| | | 2020 | SBI01 | SBI01 | 6 | 1 | 22.12.2024 | | Unknown Transaction | 22.12.2024 | INR | 180.00- | | | | |

Bank statement of 2, item 1 (house bank account SBI01 SBI01)

Transaction: Unknown Transaction | Transaction Amt: 180.00- INR

Partner: []

Value date: 22.12.2024

Posting Date: 22.12.2024

For. Crcty Amt: 0.00

Calculate with Exchange Rate

Other Properties

Note to Payee: FOREX CHARGES@1.25%

Scan | Discard Changes | Switch Original/Changed

Documents | Log | Attachment List

| Overview | Nu... |
|---|-------|
| • Interpretation algorithm "000: No Interpretation" is used | 1 |
| • Document 40 was posted in company code 2020 | 1 |

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 40 | Company Code: 2020 | Fiscal Year: 2024

Document Date: 20.12.2024 | Posting Date: 22.12.2024 | Period: 9

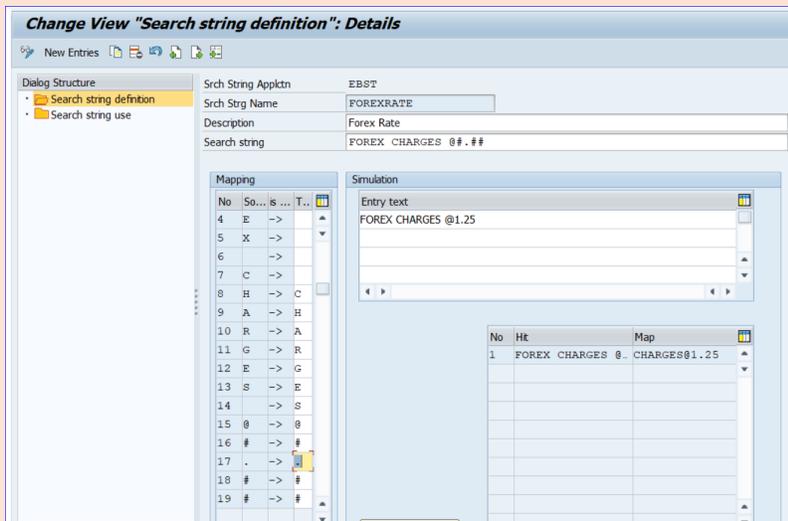
Reference: SBI01SBI0124006 | Cross-Comp.No.: []

Currency: INR | Texts Exist: | Ledger Group: []

| CoCd | Item | Cost Center | Key | SGAccount | Description | Amount | Crcy | Tx | TTY | Trs | Assig |
|------|------|-------------|-----|-----------|---------------|---------|------|----|-----|-----|-------|
| 2020 | 1 | MFGHYDAD01 | 40 | 400009 | Forex Charges | 180.00 | INR | | | | 0000 |
| | 2 | | 50 | 200010 | SBI Bank Ac | 180.00- | INR | | | | 0000 |

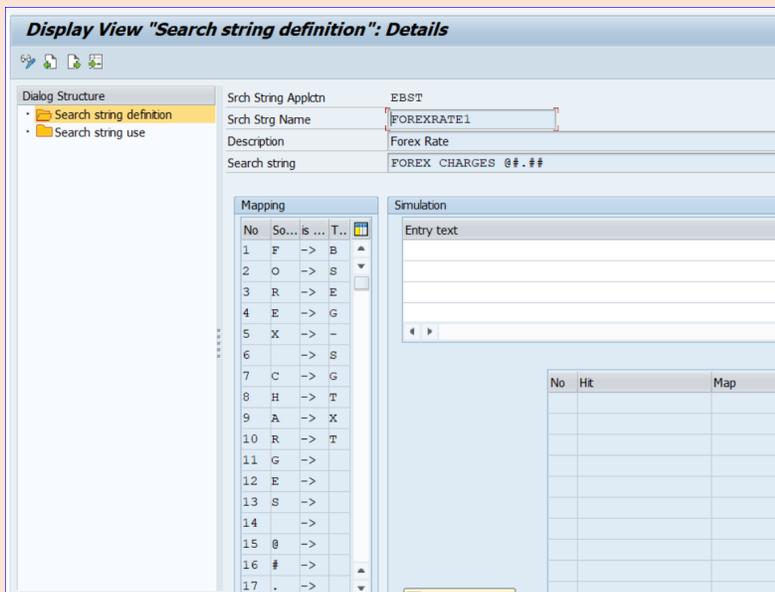
Scenario-5 – Capturing variables

In above scenario forex charges were mentioned as Forex charges@1.25%. Now clients want to capture that 1.25% in to accounting document.



Define another one copying the same with target value as the desired field name where that charges value to be stored.

I have considered BSEG-SGTXT i.e., line item text.



New Entries: Overview of Added Entries

| Dialog Structure | | Search string use | | | | | | | | |
|------------------|--|-------------------|----------|---------|----------------|------------|--------------------|-------------------|-------------------------------------|----------------|
| | | CoCd | House Bk | Acct ID | Ex... + | Interpret. | Search String Name | Target Field | Act. | Mapping Prefix |
| | | 2020 | SBI01 | SBI01 | Negative value | 000:.. | FOREXRATE | BDC Field Value 1 | <input checked="" type="checkbox"/> | |
| | | 2020 | SBI01 | SBI01 | Negative value | 000:.. | FOREXRATE1 | BDC Field Name 1 | <input checked="" type="checkbox"/> | BKPF-BKTXT |
| | | | | | | 000:.. | | Payment Notes | <input type="checkbox"/> | |

```

SBI_MT940_23122024 - Notepad
File Edit Format View Help
:20:20241222
:25:123456001
:28C:7
:60F:C241222INR10150,00
:61:2412221220D50,00NCHGNOREF//
:86: Forex charges @2.45%
:62F:C241222INR10100,00

```

Uploaded above statement and below is FEBAN log.

Display Bank Statement Item

Next Open Item Worklist

Refresh Status Select Worklist Again

| Bank Account | Subledger | CoCode | House Bk | Acct ID | Stmt No. | MR No | Stmt Date | B. | Name of Transaction | Value Date | AC | Amount | Acct Type | Account | Attachment | In Process |
|--------------|-----------|--------|----------|---------|----------|-------|------------|----|---------------------|------------|-----|----------|-----------|---------|------------|------------|
| | | 2020 | SBI01 | SBI01 | 4 | 1 | 22.12.2024 | | | 22.12.2024 | INR | 1,600.00 | | | | |
| | | 2020 | SBI01 | SBI01 | 5 | 1 | 22.12.2024 | | Unknown Transaction | 22.12.2024 | INR | 70.00- | | | | |
| | | 2020 | SBI01 | SBI01 | 6 | 1 | 22.12.2024 | | Unknown Transaction | 22.12.2024 | INR | 180.00- | | | | |
| | | 2020 | SBI01 | SBI01 | 7 | 1 | 22.12.2024 | | Unknown Transaction | 22.12.2024 | INR | 50.00- | | | | |

Bank statement of 2, item 1 (house bank account SBI01 SBI01)

Transaction: Unknown Transaction Transaction Amt: 50.00- INR

Partner: [Empty]

Value date: 22.12.2024

Posting Date: 22.12.2024

For. CrCY Amt: 0.00

Calculate with Exchange Rate:

Other Properties

Note to Payee: FOREX CHARGES @2.45%

Documents Log Attachment List

Posting Area 1 - Bank Accounting

Document Number: 41 Reverse

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 41 Company Code: 2020 Fiscal Year: 2024

Document Date: 20.12.2024 Posting Date: 22.12.2024 Period: 9

Reference: SBI01SBI0124007 Cross-Comp.No. [Empty]

Currency: INR Texts Exist: Ledger Group: [Empty]

| CoCd | Item | Cost Center | Text | Key | SGAccount | Description | Amount | Crcy | Ts |
|------|------|-------------|--------------|-----|-----------|---------------|--------|------|----|
| 2020 | 1 | MFGHYDAD01 | CHARGES@2.45 | 40 | 400009 | Forex Charges | 50.00 | INR | |
| | 2 | | CHARGES@2.45 | 50 | 200010 | SBI Bank Ac | 50.00- | INR | |

Charges-2.45 stored in line item text.

If we need that to be captured in only one of the line item, then we can make use of target field BDC Account type.