# **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 A	Account Symbo	ols": Overview d	of Selected Set	
Dialog Structure	Create Account Symb	ools		
Create Account Symbols	Account Symbol	Description	SIP Relev.	
Assign Accounts to Account Sy	CHK	Cheque		
Define Posting Rules	CHRS	Bank Charges		
Create Transaction Type	FOREX	Forex Charges		
Assign External Transaction	INT	Interest		
Assign Bank Accounts to Trans	PAYM	Payment		
	RCPT	Receipt		

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 A	lccount Sym	n": Overvie	ew.						
😚 New Entries 🗈 🖶 🗐 🛃										
Dialog Structure	Chart of Accts	2020								
<ul> <li>Create Account Symbols</li> </ul>	Description	COA For 2020 K	Conica							
<ul> <li>Assign Accounts to Account Sy</li> </ul>										
Create Keys for Posting Rules	Assign Accounts to	Account Symbol								
Define Posting Rules	Assign Accounts to	Account Symbol	-							
Create Transaction Type	Acct Symbol	Acct Mod.	Currency	G/L Account	Description	SIP Relev.				
Assign External Transaction	CHK	+	+	200012	Cheque Pay					
Assign Bank Accounts to Trans	CHRS	þ	+	400008	Bank Charges					
	FOREX	+	+	400009	Forex Charges					
	INT	+	+	400007	Interest					
	MAIN	+	+	200010	main bank					
	PAYM	+	+	200012	Payment					
	RCPT	+	+	200011	Receipt					

#### **Create Keys for Posting Rules:**

Here we have to maintain posting rule and its description.

Change View "Create Ke	eys for Posting	g Rules": Overview of Selected Set
Dialog Structure	Posting Pule	Tevt
* Create Account Symbols		
* Assign Accounts to Account Symb	СНК	Cheque payment
* Create Keys for Posting Rules	CHRS	Bank Charges
* Define Posting Rules	INT	Bank Interest
- Create Transaction Type	PAYM	Payment
* Assign External Transaction Typ	DCDT	receipt
* Assign Bank Accounts to Transact	ICT I	leceipt

#### **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.



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 P	osting Rules": Details	
💖 New Entries 👔 🖶 🗐 🔓 📮	3	
Dialog Structure  Create Account Symbols  Sasign Accounts to Account Symb  Create Keys for Posting Rules	Posting Rule     PAYM       Posting Area     1	
Define Posting Rules	Debit	Credit
Create Transaction Type	Posting Key	Posting Key 50
Assign External Transaction Typ	Sp.G/L Indicator	Sp.G/L Indicator
* Assign Bank Accounts to Transact	Account Symbol PAYM	Account Symbol MAIN
	Compression	Compression
	Document Type     SA       Posting Type     4       Posting on Acct Key        Reversal Reason	

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 🗈 🖶 🗐 🎝 [	¥ #1							
Dialog Structure Create Account Symbols Dialog Structure Symbols Dialog Structure Create Keys for Posting Rules	Posting Rule RCPD Posting Area 1	r						
Create Transaction Type     Create Transaction Type     Assign External Transaction     Assign Bank Accounts to Trans	Debit Posting Key Sp.G/L Indicator Account Symbol Compression	40 Q MAIN	Credit Posting Key Sp.G/L Indicator Account Symbol Compression	RCPT				
	Document Type Posting Type Posting on Acct Key Reversal Reason	SA 5						

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

_							
	Posting Rule RC	PT					
	Posting Area 1						
y							
	Debit				Credit		
	Posting Key	40			Posting Key		
n	Sp.G/L Indicator				Sp.G/L Indicator		
ns	Account Symbol	MA	IN		Account Symbol	RCPT	
	Compression		🔄 Change View "De	fir	ne Posting Rules": Details		X
					, j		
			Posting Kevs:		40		_
			Special G/L In	ıd	1.:		
÷			G/L acct:		200010 MATN		
÷	Document Type	SA	Recourte Symbol		- THIN		
	Posting Type	5	Credit				
	Posting on Acct Key		Special G/L In	ıd	1.:		
	Reversal Reason		G/L acct:		200011		
			Account Symbol	. :	RCPT		
	🗱 Simulate		Document type:		SA		
			Posting Type:		5		
							m (*) ×

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 🗈 🗟 🗐 🔓	3	
Dialog Structure Create Account Symbols Create Accounts to Account Sy Create Keys for Posting Rules	Posting Rule CHK Posting Area 2	) Carth
Define Posting Rules		
Create Transaction Type	Posting Key 40 Q	Posting Key
Assign External Transaction	Sp.G/L Indicator	Sp.G/L Indicator
5	Account Symbol MAIN	Account Symbol
	Document Type     DZ       Posting Type     8       Posting on Acct Key     8       Reversal Reason     8	

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 🗈 🖶 🗐 🚡 🖡	à 🗐							
Dialog Structure  Create Account Symbols  Assign Accounts to Account Sy  Create Keys for Posting Rules	Posting Rule     CHRS       Posting Area     1							
• 🗁 Define Posting Rules	Debit	Credit						
✓ Create Transaction Type	Posting Key 40 Q	Posting Key 50						
Assign External Transaction	Sp.G/L Indicator	Sp.G/L Indicator						
Assign Bank Accounts to Trans	Account Symbol CHRS	Account Symbol MAIN						
	Compression	Compression						
	Document Type     SA       Posting Type     1       Posting on Acct Key     1       Reversal Reason     1							

New Entries: Details of	of Added Entries			
🦻 🖶 🔉 🖪				
Dialog Structure Create Account Symbols Sign Accounts to Account Sy Create Keys for Posting Rules	Posting Rule FRX Posting Area 1	]		
Define Posting Rules	Debit		Credit	
Create Transaction Type     Assign External Transaction	Posting Key	40]	Posting Key	50
Assign Bank Accounts to Trans	Account Symbol	FOREX	Account Symbol	MAIN
	Compression		Compression	
	Document Type Posting Type Posting on Acct Key Reversal Reason	SA 1		

# Same for Bank Interest.

Change View "Define	Posting Rules": Details	
🤣 New Entries 🗈 🖶 🖙 🔓	2	
Dialog Structure  Create Account Symbols  Assign Accounts to Account Sy Create Keys for Posting Rules	Posting Rule INT Posting Area 1	
Create Reys for Posting Rules	Debit	Credit
Create Transaction Type	Posting Key 40 Q	Posting Key 50
<ul> <li>Assign External Transaction</li> </ul>	Sp.G/L Indicator	Sp.G/L Indicator
<ul> <li>Assign Bank Accounts to Trans</li> </ul>	Account Symbol INT	Account Symbol MAIN
		Compression
	Document Type     SA       Posting Type     1       Posting on Acct Key     I       Reversal Reason     I	

**Create Transaction Type:** 

Change View "Create	Tra	ansaction	Type": Overview of Selected Set	
Dialog Structure		Trans. Type	Name	
Create Account Symbols		SBI	SBI MT940	
Assign Accounts to Account Sy				*
Define Posting Rules				
Create Transaction Type				
<ul> <li>Assign External Transaction</li> </ul>				
Assign Bank Accounts to Trans				

#### 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.



Change View "Assign	External Tra	nsa	ction T	ypes to Postin": Overview				
🦻 New Entries 🗈 🖶 🗐 💽	5 🗈							
Dialog Structure	Trans. Type		SBI					
Create Account Symbols	Name		SBI MT9	40				
Assign Accounts to Account Sy								
Define Posting Rules	Assign External T	ransa	action Types	s to Posting Rules				
Create Transaction Type	External Tra	+	Posting	Interpretation Algorithm		Ρ	Processing Type	
• 🗁 Assign External Transaction	NCHK	+	СНК	020: Document Number Search	•		Dummy entry - not	a 🔺
Assign Bank Accounts to Trans	NINT	-	INT	000: No Interpretation	Ŧ		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									
Dialog Structure	Assign Bank Accou	nts to Transaction Types							
Create Account Symbols	Bank Key	Bank Account	Trans. T	Currency Class	M. Su	Co	Cash Manag	Worklist	N D D
Assign Accounts to Account Sy	SBI00940	123456001	SBI		a 🗆				
Define Posting Rules									
Create Transaction Type									
<ul> <li>Assign External Transaction</li> </ul>									
<ul> <li>Assign Bank Accounts to Trans</li> </ul>									

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.



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	22.12.20	024 Posting Date	22.12.2024	Period	9	
Reference EBS TESTING		Cross-Comp.No.				
Currency	INR	Texts Exist		Ledger Group		
	ð V . I 🗷 .	‱, ⊜0, €, ⊞,	l			
CoCd Item Key SG	Account	Description		Amount Crcy	Tx TTy Trs	
020 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							
🥎 📸 🕄 😂 🏜 Disj	🎲 📸 😂 🏜 Display Currency 🛛 🗏 General Ledger View						
Data Entry 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			
	▼.   Σ. %.   ⊖	0, 🗗 , 🖽 , I	i				
CoCd Item Key SG Acc	CoCd Item Key SG Account Description			Amount Crcy	Tx TTy	Trs	Assignment
2020 1 50 200	0012 SBI Outgoing Pay			1,200.00- INR			NPAY1234567
2 25 200	00000710 Mohan Pvt I	.td		1,200.00 INR			NPAY1234567

Now we will upload below file through FF\_5.

SBI_MT940_23122024 - Notepad							
<u>Eile Edit Format View H</u> elp							
: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					
O 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	<b>(</b>
House Bank	SBI01	to	
Account ID	SBI01	to	
Statement Number		to	
Statement Date		to	
Statement Status		to	<b>8</b>
Currency		to	] 📑
Bank Accounting Status	All line items		•
Subledger Accounting Status	All line items		•
Amount		to	<u> </u>
Bundle Number		to	8
Posting Rule		to	<u></u>
Business Transaction Code	All line items		•
Document Number in Bank Ac		to	<del></del>
Document Number in Bank Ac Document Number in Subledg		to to	

Display Bank Statement Item	
Dext Open Item	
🕄 [ 二字 ( M) ( ) 下, ) 室 , 1 ( 二) ( ① Refresh Status 🖇 Select Workist Again	
Bank Accounti Subledger CoCode House Bk Acct ID Stmt No. MR No Stmt Date B Transact. Name Value Date AC	Amount Acct Type Account Attachment In Process
◆ 2020 SBI01 SBI01 <u>3</u> <u>1</u> 22.12.2024 Assignment Number 22.12.2024 INR	1,200.00-
Bank statement of 2, item 1 (house bank account SBI01 SBI01)	Note to Payee
Transaction Assignment Number	NPAY1234567 PAYMENT TO VENDOR
Partner	
G/L Account   200012	
Value date 22.12.2024	
Posting Date 22.12.2024	
For. Crcy Amt 0.00	
Calculate with Exchange Rate	
Conter Properties	Scan Discard Changes Switch Original/Changed
Documents Payment Usage Log Attachment List	л.
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.

Docun	nents Paymer	nt Usage	Log	g Attachmen	: List					
	<b>7 6 6 7</b>	. 2 .	26 .			<b>H</b>				
CoCode	DocumentNo	Fiscal Yr	Item	Posting Date	Key	Account type	Account	Amount in FC	Crcy	Text
2020	<u>38</u>	2024	2	22.12.2024	40	S	200012	1,200.00	INR	NPAY1234567 NPAY1234567 PAYMENT TO
2020	<u>1510</u>	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
• 🔲 Interpretation algorithm "015: Clearing Transaction: Selection Using Assign is used	1
<ul> <li>Document 38 was posted in company code 2020</li> </ul>	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									
🦻 📑 💽 😂 👘 Displa	🎲 📫 🚭 😂 🏭 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 Te	xt		Key SGAccount	Description	Amount Cu	urrency Tx	тту т	rs	Assignment
2020 1 NP	AY1234567 NPAY1234567 P	AYMENT TO VENDOR	50 200010	SBI Bank Ac	1,200.00- IN	NR			NPAY1234567
2 NP	AY1234567 NPAY1234567 P	AYMENT TO VENDOR	40 200012	SBI Outgoing Pay	1,200.00 IN	NR			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							
🦻 📬 🕄 😃 🏭 Disp	olay Currency 🛛 🗏 Gene	eral 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		]	
	❣!. ≌!.%. ≙		1				
CoCd Item Key SG Acc	count Description			Amount Crcy	Tx TTy	Trs Assignment	
2020 1 01 424	JAY GANES	SH AGENCIES		1,600.00 INR		AGD	
2 50 400	0002 Salaries Ex	penses Ac		1,600.00- INR		20241222	
SBI_MT940_23122024 - Notepad							
<u>Eile E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp							
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 For	mats (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	
<ul> <li>Post Immediately</li> </ul>	
Only Bank Accounting	
O 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	1 to 9999999999
XBLNR Number Interval	to 📑
Bundling	Items per Bundle
Output Control	

Display E	Bank S	tatem	ent Ite	em											
🖁 Next Open I	tem 🛛 🚺	Worklist	1												
Befresh Stat	us 🚸 Sele	ect Worklis	st Again												
Bank Accounti	Subledger	r CoCode	House Bk	Acct ID	Stmt No.	MR No	Stmt Date	B	Transact. Name	Value Date	AC	Amount Acct Typ	e Account	Attachment	In Process
	۵	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	t of 2, iten	n 1 (hous	e bank acc	ount SBI	01 SBI01)							Note to Payee			
Transaction	l	Unknown <sup>-</sup>	Transaction	1		•	Transactio	n Amt	1,	,600.00 I	NR	DOCUMENT NUMB	ER 1800	1	
Partner	Γ						1								
Customer	•														
Value date	2	22.12.2	024												
Posting Date	2	22.12.2	024												
For. Crcy Amt	0	0.00													
Calculate with	h Exchange	e Rate													
*	Other Pro	perties										Scan Discard Cha	anges 🔁	Switch Origina	al/Changed
Documents	Pavme	ent Usage	Log	Attach	nment List										
		j.													
Overview									Nu						
• 🔲 Interpre	tation algo	rithm "02	0: Docume	nt Numb	er Search"	s used			1						
• Docume	ent 1400 w	as posted	in compar	ny code 2	020				1						

# Scenario-3 Bank Charges

Bank debited charges of Rs.70.

SBI_MT940_23122024 - Notepad
File Edit Format View Help
: 20: 20241222
:25:123456001
:28C:5
:60F:C241222INR10400,00
:61:2412221220D70,00NCHGNOREF//
:86: Bank charges
:62F:C241222INR10330,00

Uploaded statement in FF\_5 but entry was not posted.

We can refer FEBAN for getting the error details.

Edit Ban	k State	ement	Item														
⊋Next Open I	tem	🗄 Worklist	5	Save	躍 Simula	ate	Post	i									
Refresh Stat	us 🚸 Sel	ect Worklis	t Again														
Bank Accounti	Subledge	r CoCode	House Bk	Acct ID	Stmt No.	MR No	Stmt Date	B	Name	of Transaction	Value Dat	e AC	Amount	Acct Type	Account	Attachment	In Proces
	۵	2020	SBI01	SBI01	<u>3</u>	1	22.12.2024		Assign	ment Number	22.12.202	4 INR	1,200.00-				
		2020	SBI01	SBI01	4	1	22.12.2024				22.12.202	4 INR	1,600.00				
	<b>O</b>	2020	SBI01	SBI01	<u>5</u>	1	22.12.2024		Unkno	wn Transaction	22.12.202	4 INR	70.00-				
													10				
Bank statement	t of 2, iter	m 1 (hous	e bank acc	count SBI0	1 SBI01)								Note to Payee				
Transaction		Unknown 1	Fransaction	n		•	Transactio	n Amt	t		70.00-	INR	BANK CHA	RGES			
Partner	Γ						Assigned				0.00						
	•						On Accour	nt			0.00						
Value date		22.12.2	024				Acct Assar	nt	+		70.00	INR					
Posting Date		22.12.2	024				DME				0.00						
For Crev Amt	[	0.00															
	- Exchang	o Poto					Onon		~~~		0.00	TND					
	T Excitation	e Nale					Open				0.00	INK		Lei			(a) 1
8	Other Pro	perties											Scan Dis	card Chang	ges 🐔 Sv	itch Originali	Changed
													J				
Documents	Assigr	nment	On Accou	Int Acc	ount Assig	nment	Log	Attach	nment Li	st							
Overview										Nu							
• Interpre	tation alor	withm "000	) No Inter	rnretation"	is used					1							

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.

Dialog Structure	S	rch St	ring A	pplctn	1		1	EBST				
🗁 Search string definition	S	rch St	rg Na	me			(	CHARGES				
Search string use	D	escrip	tion					Bank Charges				
	S	earch	string				]	Bank Charges				
		Мар	ping					Simulation				
		No	S	is	. т			Entry text				
		1	в	->	М	*		Bank Charges				
		2	a	->	F							
		3 n -> G 🗮	<u> </u>									
		4	k	->	Н							Ŧ
	8	5		->	Y			4 1			4 1	
		6	С	->	D							
		7	h	->	A				Hit	Map		
		8	a	->	D				Bank Charges	MFGHYDAD01	-	
		9	r	->	0						Ŧ	
		10	g	->	1							
		11	e	->								
		12	s	->								

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.

Change View "Search	string use": O	verview							
😚 New Entries 🗈 🗟 🖾 🖡	8 🖪								
Diplog Structure	Council attained upon								
Dialog Structure	Search sung use								
<ul> <li>Search string definition</li> </ul>	CoCd House Bk	Acct ID	Extern	+-	Interpret.	Search String N	Target Field	Act.	Mapping Prefix
• 🗁 Search string use	2020 SBI01	SBI01		Nega. 💌	000: 💌	CHARGES	Cost Center 🔷 💌	✓	

Now, we will delete the already uploaded statement.

To delete the uploaded statements, use program - RFEBKA96, in that application -001.

Uploaded the statement again and checking in FEBAN.

Display Bank S	Statement I	tem									
Next Open Item											
Refresh Status	lect Worklist Again										
Bank Accounti Subledge	er CoCode House B	Bk Acct ID	Stmt No. MR N	lo Stmt Date	B 1	Name of Transaction	Value Date	AC	Amount Acct T	ype Account Attach	me
	2020 SBI01	SBI01	3	1 22.12.2024	/	Assignment Number	22.12.2024	INR	1,200.00-		
	2020 SBI01	SBI01	<u>4</u> 5	<u>1</u> 22.12.2024 1 22 12 2024		Inknown Transaction	22.12.2024	INR	1,600.00		
	2020 30101	50101	2	1 22.12.2024			22.12.2021	INIX	70.00-		
Bank statement of 2, ite	m 1 (house bank a	ccount SBI0	1 SBI01)					_	Note to Payee		
Transaction	Unknown Transact	ion		<ul> <li>Transaction</li> </ul>	n Amt		70.00- IN	R	BANK CHARGES	5	
Partner											
<b></b>											
Value date	22.12.2024										
Posting Date	22.12.2024										
For. Crcy Amt	0.00										
Calculate with Exchange	je Rate								L	1	
Cther Pro	operties								Scan Discard Cl	hanges 🔁 Switch Or	igin
Documents Log	Attachment List	:									
Overview						Nu					
Interpretation alg	orithm "000: No Int	terpretation"	is used			1					
• Document 39 wa	s posted in compan	iy code 2020				1					
Display Do	cumonti l	Data E	ntry Vic								
Display Du	cument. L	Jala El	iliy vie								
🧠 🖻 Q 🚨 👪	Display Currence	V 🗏 Ge	eneral Ledge	r View							
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Data Entry View											
Document Number	39		Compa	ny Code	2	2020	Fiscal Yea	r	2024		
Document Date	20.12.2	2024	Posting	Date	2	22.12.2024	Period		9		
Reference	SBI01SE	31012400	05 Cross-(	Comp.No.	Ē						
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CoCd Item Cost C	enter Key S	GAccount	Des	cription					Amount Crcy	Tx TTy Trs	1
2020 1 MFGH	(DAD01 40	400008	Ban	k 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.

log Structure		rch St	rina A	nnlctr	,		Ŧ	EBST			
Search string definition	6	rch St	ra Na	me			-6	FORFXGL			
Search string use		)escrin	tion					Forex GL			
	S	earch	strina				3	FOREX CHARGES			
		Map	ping					Simulation			
		No	So	. is	т			Entry text			
		1	F	->	F	•					
		2	0	->	R	•					
		3	R	->	х						
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	1	5	х	->				4 <b>&gt;</b>			< >
	1	6		->							
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Change View "Search	string	use": 0	verview							
🧚 New Entries 🗈 🗟 🛱 🖡	L 🖪									
Dialog Structure	Search	string use								
<ul> <li>Search string definition</li> </ul>	CoCd	House Bk	Acct ID	Extern	+-	Interpret.	Search String N	Target Field	Act.	Mapping P
• 🛅 Search string use	2020	SBI01	SBI01	-	Nega 🔻	000: 🔻	FOREXGL	Posting Rule	<ul> <li>Image: A start of the start of</li></ul>	

FOREXGL search string is mapped to target field posting rule as posting rule FOREX is assigned to GL 400009.

SBI_MT940_23122024 - Notepad
File Edit Format View Help
:20:20241222
:25:123456001
:28C:6
:60F:C241222INR10330,00
:61:2412221220D180,00NCHGNOREF//
:86: Forex charges@1.25%
:62F:C241222INR10150,00

Uploaded statement and below is log in FEBAN.

Bit Heat Open Item         Workit         I           Control         Subject Colder House Kit Actt Dismark No. Mit No. Some Date:         A. Name of Transaction Value Date:         A. Amount Actt. Type Account. Attachment. In Process           Bit A Account.         Subject Colder House Kit Actt. Dismark No. Some Date:         A. Name of Transaction Value Date:         No.	Display Bank	Staten	nent It	em																
Operation         Solid Status         Solid Status         Acc         Amount Acct Type Account Attachment In Process           Bark Account, Subledger Goode House Bik Act ID         Smith No. PRN Somt Date         A.         Amount Acct Type Account Attachment In Process           Bark Account, Subledger Goode House Bik Act ID         Smith No. PRN Somt Date         A.         Amount Acct Type Account Attachment In Process           Bark Account, Subledger Goode House Bik Act ID         Smith No. PRN Somt Date         A.         Amount Acct Type Account Attachment In Process           Bark Account, Subledger Goode House Bik Act ID         Smith No. PRN Somt Date         A.         Amount Acct Type Account Attachment In Process           Bark Account, Subledger Goode Sates         Smith No. PRN Somt Date         In Process         In Process         In Process           Bark Account Suble Sates         Smith No. PRN Somt Date         In Process	⊋Next Open Item	🔁 Workis	st 🚺 🚺																	
Bank Acount, Subledger Goode Home BK Acct ID, Sunt No, MK No Sunt Date 2020 S1803 S1801 1 12:12:2024 21:22:2024 INR 1:2000 2020 S1803 S1801 1 12:12:2024 21:22:2024 INR 1:0000 2020 S1803 S1801 5 1 22:12:2024 Unknown Transacton 22:12:2024 INR 7:000 2020 S1803 S1801 5 1 22:12:2024 Unknown Transacton 22:12:2024 INR 7:000 2020 S1803 S1801 5 1 22:12:2024 Unknown Transacton 22:12:2024 INR 7:000 22:12:2:2:2:2:2:2:2:2:2:2:2:2:2:2:2:2:2	🖗 Refresh Status	elect Work	list Again																	
•       0200       Stiplini       3       1 22:12:2024       INR       1,200.00         •       0200       Stiplini       5       1 22:12:2024       Uklnown Transacton       22:12:2024       INR       1,000.00         •       0200       Stiplini       Stiplini       5       1 22:12:2024       Uklnown Transacton       22:12:2024       INR       1,000.00         Bink       tataset       5       1 22:12:2024       Uklnown Transacton       22:12:2024       INR       1,000.00         Bink       tataset       1       12:12:2024       Uklnown Transacton       1,000.00       INR       70:00         Bink       tataset       1       12:12:2024       Uklnown Transacton       1,000.00       INR       70:00         Patter       *       1       100.00       INR       70:00       Transacton Annt       100.00       INR       70:00         Patter       *       2:1:1:2:024       For Cright Attachment List       Transacton Annt       100.00       INR       70:00       Transacton Annt       100.00       INR       10         Documents       Igg       Attachment List       Interpretation       Nature       1       1       10         Document Numb	Bank Accounti Sublede	ger CoCode	House B	k Acct ID	Stmt No.	MR No Stmt D	Date B.	. Name	of Transaction	n Value Da	ate AC	A	mount Acct Ty	pe Account	Attach	ment I	n Proce	ss		
2020       SBI01       4       1,2212,2024       Unknown Transactor,2212,2024       INR       1,00.00         Bank statement of 2, tem 1 (house bank account SBI01 SBI01)       5       1,2212,2024       Unknown Transactor,2212,2024       INR       180.00         Transactor, 12, tem 1 (house bank account SBI01 SBI01)       Transactor, 12, 2024       Unknown Transactor, 2212,2024       INR       180.00         Transactor, 12, tem 1 (house bank account SBI01 SBI01)       Transactor, Anne       180.00       INR       180.00         Transactor, 12, 2024       Unknown Transactor, 12, 2024       INR       180.00       INR       180.00         Value date       22, 12, 2024       Transactor, Anne       180.00       INR       180.00       INR         Value date       22, 12, 2024       Transactor, Anne       1       1       Integration algorithm '000: No Interpretation''s used       1         Occurrents       Log       Attachment Lat       Nu       1       1         Display       Douments       General Ledger View       1       1         Display       Currency       INR       Educator       202.12.2024       Posting Date       22.12.2024       Posting Date         Document Number       40       Company Code       2020       Fiscal Year <td></td> <td>2020</td> <td>SBI01</td> <td>SBI01</td> <td><u>3</u></td> <td><u>1</u> 22.12.</td> <td>2024</td> <td>Assignr</td> <td>nent Number</td> <td>22.12.20</td> <td>024 INF</td> <td>1,20</td> <td>00.00-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		2020	SBI01	SBI01	<u>3</u>	<u>1</u> 22.12.	2024	Assignr	nent Number	22.12.20	024 INF	1,20	00.00-							
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Bark statement of 2, ten 1 (house bark account SB01 SB01)   Transaction   Transaction   Transaction   Transaction   Patter     Transaction     Transaction   Vale date   22.12.2024   Postro Date   20.00   Nu     Postro Date   20.12.2024												)(								
Transacton       Undown Transacton       Transacton Ant       100.000 INR         Pathor       Pathor       Pathor       Pathor         Value date       22.12.2024       Postry Date       22.12.2024         Postry Date       22.12.2024       Postry Date       Postry Postry         Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate         Documents       Log       Attachment Lat       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate         Documents       Log       Attachment Lat       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate         Documents       Log       Attachment Lat       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate         Document Number       Nu       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate         Document Number       Ho       Company Code       2020       Fiscal Year       2024         Posting Date       22.12.2024       Posting Date       22.12.2024       Period       9         Reference       SBIO1SBI0124006       Cross-Comp.No.       Ledger Group       Image: Cotackets with Exchange Rate       Image: Cotackets with Exchange Rate       I	Bank statement of 2, it	tem 1 (hou	se bank ac	count SBI	01 SBI01)			-• [		100.00	7.00	Note to P	ayee							
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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.			iy Currei	icy 🧠	Benera	a Leuger v	lew													
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Currency       INR       Texts Exist       Ledger Group         CoCd       Item Cost Center       Key SG Account       Description       Amount Crcy       Tx       TTy       Trs       As         2020       1       MFGHYDAD01       40       400009       Forex Charges       180.00       INR       00         2       50       200010       SBI Bank Ac       180.00-       INR       00	Reference		SBIOIS	3B1012	4006	Cross-Cor	np.No.		_				_	_						
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CoCd <sup>4</sup> Item       Cost Center       Key SG Account       Description       Amount       Crcy       Tx       TTy       Trs       As         2020       1       MFGHYDAD01       40       400009       Forex Charges       180.00       INR       00       00         2       50       20010       SBI Bank Ac       180.00-       INR       0       00	3 = 7 6		3 🔒 🛛 💵	1		d) ' 🗗 '														
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2 50 200010 SBI Bank Ac 180.00- INR 00	2020 1 MFG	HYDADO	01 40	4000	009	Forex	Charges						180.00	INR				00		
	2		50	2000	010	SBI Ba	ank Ac						180.00-	INR				000		

# 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.

alog Structure	Srch S	tring A	pplctr	n		1	EBST				
Search string definition	Srch S	trg Na	me			3	FOREXRATE				
Search string use	Descri	ption				F	Forex Rate				
	Search	n string	)			3	FOREX CHARGES 0#.##				
	Ma	oping					Simulation				
	No	So	. is	. т			Entry text				
	4	E	->		-		FOREX CHARGES @1.25				
	5	х	->		*						
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	7	С	->								Ŧ
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	: 9	A	->	Н							
	10	R	->	A				No	Hit	Map	
	11	G	->	R				1	FOREX CHARGES	. CHARGES@1.2	5 🔺
	12	E	->	G							٣
	13	s	->	Е							
	14		->	s							
	15	0	->	0							
	16	ŧ	->	#							
	17		->								
	18	ŧ	->	#							
	19	ŧ	->	#							
											_

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.

Display View "Sear	ch s	trin	g de	efin	itic	on'	:	Details			
» 🔉 🖪											
Dialog Structure	5	orch St	ring Ap	pplctn				EBST			
🗁 Search string definition	5	orch St	rg Nar	me				FOREXRATE1	-		
Search string use	C	Descrip	tion					Forex Rate			
	S	Search	string					FOREX CHARGES @#.#	ŧ		
		Map	ping					Simulation			
		No	So	is	т			Entry text			
		1	F	->	в						
		2	0	->	s	-					
		3	R	->	Е						
		4	Е	->	G						
	5	5	х	->	-			4 <b>F</b>			
	1	6		->	s						
		7	С	->	G				No	Hit	Map
		8	н	->	т						
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New Entries: Overview of Added Entries														
99 B B B B														
Dialog Structure	Search string use													
Search string definition	CoCd	House Bk	Acct ID	Ex	+-		Interpret.	Search String Name	Target Field	A	ct.	Mapping Prefix		
• 🗁 Search string use	2020	SBI01	SBI01		Negative value	•	• •	FOREXRATE	BDC Field Value 1	•	~			
	2020	SBI01	SBI01		Negative value	•	• •	FOREXRATE1	BDC Field Name 1	•	✓	BKPF-BKTXT		
		5					000		Daymont Notes					

SBI_MT940_23122024 - Notepad									
<u>File</u> <u>E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp									
: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																		
Refresh Status	elect Work	list Again																
Bank Accounti Subledge	er CoCode	House B	k Acct ID	Stmt No.	MR No Str	nt Date	B	Name of	Transaction	Value Dat	e AC	A	mount	Acct Type	Account	Attachmen	t In Pro	cess
	2020	SBI01	SBI01	4	<u>1</u> 22.	12.2024				22.12.202	24 INR	1,60	00.00					
	2020	SBI01 SBI01	SBI01 SBI01	5	<u>1</u> 22. 1 22	12.2024		Unknown	Transaction	22.12.202	24 INR 24 INR	18	/0.00- B0.00-					
	2020	SBI01	SBI01	Z	<u>1</u> 22.	12.2024		Unknown	Transaction	22.12.202	24 INR		50.00-					
Bank statement of 2, ite	em 1 (hou	se bank ad	count SBI	01 SBI01)								Note to P	avee					
Transaction // Inknown Transaction + Transaction Amt 50.00- INR FOREX CHARGES @2.45%																		
Partner																		
Value date 22.12.2024																		
Posting Date 22.12.2024																		
For. Crcy Amt	0.00																	
Calculate with Exchange	ge Rate														10			_
Other Properties																		
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Documents Log	Attach	iment List																
Pasting Area 1 - Bank Accounting																		
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Display Document: Data Entry View																		
6월 🗗 🕄 🛎 📩 Display Currency 🛛 🖳 General Ledger View																		
Data Entry View																		
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Document Numb	er	41		Company Code					020	•	ear		2024					
Document Date		20.12	.2024		Posting	Date		22	2.12.20	024 P	Period		9					
Reference		SBI01	SBI012	24007	Cross-C	Comp.No	0.											
Currency		INR			Texts E	xist				L	edger 0	Group						
		7.12			d . B	] 🖩		i										
CoCd Item Cost	Center	Tex	xt		Key SGA	ccount		Des	cription							Amount	Crcy	Т
2020 1 MFG	HYDAD	01 CH	ARGES@	2.45	40 4	00009		Fore	x Charge	s						50.00	INR	
2		CH	ARGES@	2.45	50 2	00010		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.