

BSE StAR-MF

Message

Interface

Structures

18th Apr

2022

Table of Contents

LOGON REQUEST.....	4
LOGON RESPONSE.....	5
LOGOFF REQUEST	6
LOGOFF RESPONSE.....	6
ADD / MODIFY / CANCEL ORDER.....	7
ADD / MODIFY / CANCEL RESPONSE	12
DELTA DOWNLOAD REQUEST	17
DELTA DOWNLOAD RESPONSE	18
SWITCH MESSAGE STRUCTURE.....	21
SWITCH RETURN MESSAGE STRUCTURE	23
SPREAD/OVERNIGHT ORDER STRUCTURE	25
SPREAD RESPONSE STRUCTURE.....	28
SIP REGISTRATION MESSAGE STRUCTURE.....	30
SIP REGISTRATION RETURN MESSAGE:.....	33
XSIP REGISTRATION MESSAGE:.....	35
XSIP RETURN MESSAGE STRUCTURE:	38
SWP REGISTRATION MESSAGE	40
SWP REGISTRATION RETURN MESSAGE	42
STP REGISTRATION MESSAGE	44
STP REGISTRATION RETURN MESSAGE.....	46
HEARTBEAT MESSAGES.....	48
HEARTBEAT REQUEST	48
HEARTBEAT RESPONSE	48
GENERAL	48

REVISION HISTORY	49
Revision 1.8	49
Changes in Order Entry Logic	51
DPC	51
Normal ORDER Structure Change	51
Spread ORDER Structure Change	51
Revision 1.7	51
Changes in Order Entry Logic	51
SIP ORDER Structure Change	51
Revision 1.6	52
Additional Formats added for	52
Changes in Order Entry Logic	52
ADD / MODIFY / CANCEL ORDER Structure Change	52
SIP ORDER Structure Change	52
XSIP / ISIP ORDER Structure Change	53
SPREAD ORDER Structure Change	53
SWITCH ORDER Structure Change	53

LOGON REQUEST

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1130 – LOGON REQUEST
LOGINID	CHAR(25)	THIS FIELD SHOULD CONTAIN LOGIN ID OF USER / BROKER	
MEMBERID	CHAR(10)	THIS FIELD SHOULD CONTAIN THE MEMBER ID.	
PASSWORD	CHAR(8)	THIS FIELD SHOULD CONTAIN THE PASSWORD ENTERED BY THE USER. THE PASSWORD SHOULD BE A MINIMUM OF SIX CHARACTERS AND MAXIMUM OF EIGHT CHARACTERS IN LENGTH. A COMBINATION OF ALPHABET AND NUMBERS ARE ALLOWED IN THE PASSWORD.	
NEW PASSWORD	CHAR(8)	THIS FIELD SHOULD CONTAIN THE PASSWORD ENTERED BY THE USER. THE PASSWORD SHOULD BE A MINIMUM OF SIX CHARACTERS AND MAXIMUM OF EIGHT CHARACTERS IN LENGTH. A COMBINATION OF ALPHABET AND NUMBERS ARE ALLOWED IN THE PASSWORD. SHOULD NOT BE SAME AS PASSWORD	
STARMFID	CHAR(30)	UNIQUE ID PROVIDED BY THE EXCHANGE FOR ACCESSING THE SYSTEM	

LOGON RESPONSE

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1131 – LOGON RESPONSE/1132-LOGON REJECTION
LOGINID	CHAR(25)	THIS FIELD CONTAINS LOGIN ID OF USER / BROKER	
MEMBERID	CHAR(10)	THIS FIELD CONTAINS THE MEMBER ID.	
DEALERID	CHAR(12)	DEALER ID. SHOULD CONTAIN ONLY NUMBERS	
BRANCHCODE	CHAR(10)	BRANCH CODE OF THE DEALER ID	
REPLYCODE	CHAR(3)	CODE INDICATING SUCCESS / FAILURE OF LOGON 0 – LOGIN SUCCESSFUL OTHERS – FAILURE	
SESSION	CHAR(50)	LOGIN SESSION	
SETT NO	CHAR(7)	APPLICABLE SETTLEMENT NO.	
TRADE DATE	CHAR(11)	APPLICABLE TRADING DATE	DD MMM YYYY FORMAT
CURRENT TIME	CHAR(8)	CURRENT TIME	HH24:MI:SS FORMAT
MESSAGE	CHAR(250)	IF REPLY CODE IS ZERO THEN MESSAGE WILL BE BLANK OTHERWISE IT CONTAIN ERROR MESSAGE	

LOGOFF REQUEST

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	2130 – LOGOFF REQUEST
LOGINID	CHAR(25)	THIS FIELD CONTAINS LOGIN ID OF USER / BROKER	
MEMBERID	CHAR(10)	THIS FIELD CONTAINS THE MEMBER ID.	
DEALERID	CHAR(12)	DEALER ID. SHOULD CONTAIN ONLY NUMBERS	
BRANCHCODE	CHAR(10)	BRANCH CODE OF THE DEALER ID	
SESSION	CHAR(50)	LOGIN SESSION	

LOGOFF RESPONSE

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	2131 – LOGOFF RESPONSE/2132 LOGOFF REJECTION
REPLYCODE	CHAR(3)	0 – SUCCESS OTHERS – FAILURE	
TRADEDATE	CHAR(11)	DATE	DD MMM YYYY FORMAT
CURRENTTIME	CHAR(8)	CURRENT TIME	HH24:MI:SS FORMAT
MESSAGE	CHAR(100)	SUCCESS / ERROR MESSAGE	

ADD / MODIFY / CANCEL ORDER

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1000 – NEW ORDER 2000 – MODIFY ORDER 3000 – CANCEL ORDER
SCRIPID	CHAR(5)	UNIQUE NO OF SCHEME MASTER (SCHEME TOKEN) SHOULD CONTAIN ONLY NUMBERS	
SCRIPCODE	CHAR(20)	SCRIP CODE AS GIVEN BY THE EXCHANGE	
BUYSELL	CHAR(1)	THIS SHOULD CONTAIN PURCHASE OR REDEMPTION FLAG P – PURCHASE R – REDEMPTION	
BUYSELLTYPE	CHAR(10)	THIS SHOULD CONTAIN TYPE OF BUY FRESH – FOR FRESH PURCHASE ADDITIONAL - FOR ADDITIONAL PURCHASE FOR REDEMPTION, IT SHOULD ALWAYS BE FRESH	
CLIENTCODE	CHAR(10)	THIS SHOULD CONTAIN THE CLIENT CODE FOR WHOM THE TRANSACTION IS ENTERED	
MEMBERID	CHAR(10)	THIS FIELD SHOULD CONTAIN THE MEMBER CODE.	
DPTXNTYPE	CHAR(1)	THIS SHOULD CONTAIN THE SOURCE FOR REDEMPTION/ DESTINATION FOR PURCHASE P – PHYSICAL N – NSDL C – CDSL	
AMOUNT	CHAR(17)	MANDATORY IN CASE OF PURCHASE. IN CASE OF REDEMPTION EITHER AMOUNT OR UNITS HAVE TO BE SPECIFIED OR ALL UNITS FLAG HAS TO BE "Y".	

		THE FIELD SHOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000.FOR. E.G., IF THE PURCHASE AMT IS 10001.25 THE FIELD SHOULD CONTAIN THE VALUE 100012500	
ORIGPURCHASEAMT	CHAR(17)	<p>THIS SHOULD CONTAIN THE LAST MODIFIED PURCHASE AMOUNT (IN CASE OF MODIFICATION)</p> <p>IN CASE OF FRESH ORDER THIS VALUE SHOULD BE 0</p> <p>IN CASE OF REDEMPTION TRANSACTION THIS VALUE SHOULD BE 0</p> <p>THE FIELD SHOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000.</p> <p>FOR. E.G., IF THE ORIGINAL PURCHASE AMT IS 10001.25 THE FIELD SHOULD CONTAIN THE VALUE 100012500</p>	
REDEEMQTY	CHAR(17)	<p>THIS SHOULD CONTAIN THE REDEMPTION QUANTITY. IN CASE OF PURCHASE TRANSACTION THIS VALUE SHOULD BE 0</p> <p>THE FIELD SHOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000.</p> <p>FOR. E.G., IF THE REDEEM QTY IS 101.023 THE FIELD SHOULD CONTAIN THE VALUE 1010230</p>	
ORIGREDEEMQTY	CHAR(17)	<p>THIS SHOULD CONTAIN LAST MODIFIED REDEMPTION QUANTITY. (IN CASE OF MODIFICATION / CANCELLATION)</p> <p>IN CASE OF FRESH ORDER THIS VALUE SHOULD BE 0</p> <p>IN CASE OF PURCHASE TRANSACTION THIS VALUE SHOULD BE 0</p> <p>THE FIELD SHOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000.</p>	

		FOR. E.G., IF THE ORIGINAL REDEEM QTY IS 101.023 THE FIELD SHOULD CONTAIN THE VALUE 1010230	
FOLIONO	CHAR(16)	THIS FIELD IS MANDATORY IN CASE OF ADDITIONAL PURCHASES AND IN CASE OF REDEMPTIONS. IN CASE OF FRESH PURCHASES, THIS FIELD HAS TO BE LEFT BLANK. THIS CAN CONTAIN ALPHANUMERIC CHARACTERS ONLY.	
KYCSTATUS	CHAR(1)	VALID VALUES ARE Y – YES N – NO	
REMARKS	CHAR(200)	THIS FIELD MAY CONTAIN REMARKS THAT THE USER CAN ENTER AGAINST THE ORDER	
LOGINID	CHAR(25)	THIS FIELD SHOULD CONTAIN LOGIN ID OF USER / BROKER	
BRANCHCODE	CHAR(10)	THIS FIELD SHOULD CONTAIN THE BRANCH CODE.	
DEALERID	CHAR(12)	DEALER ID. SHOULD CONTAIN ONLY NUMBERS	
REFERENCENO	CHAR(30)	REF NO FROM IML	
SESSION	CHAR(50)	LOGIN SESSION	
ORDERNO	CHAR(16)	SHOULD CONTAIN 0 FOR FRESH ORDER. IN CASE OF MODIFICATION / CANCELLATION, THIS FIELD SHOULD CONTAIN THE ORDER NO.	
LASTMODIFIEDDATE	CHAR(11)	IN CASE OF ORDER ENTRY, THIS FIELD SHOULD CONTAIN THE CURRENT DATE IN CASE OF ORDER MODIFICATION/ CANCELLATION, THIS FIELD SHOULD CONTAIN, LAST MODIFIED DATE	DD MMM YYYY FORMAT
LASTMODIFIEDTIME	CHAR(8)	IN CASE OF ORDER ENTRY, THIS FIELD SHOULD CONTAIN THE CURRENT TIME IN CASE OF ORDER MODIFICATION/ CANCELLATION, THIS FIELD SHOULD CONTAIN, LAST MODIFIED TIME	HH24:MI:SS FORMAT

SUBBROKERCODE	CHAR(20)	THIS FIELD SHOULD CONTAIN SUBBROKERCODE	
EUIN	CHAR(20)	THIS FIELD SHOULD CONTAIN EUIN	
EUINDECLARATION	CHAR(1)	THIS FIELD SHOULD CONTAIN EUIN FLAG	'Y' OR 'N'
MINREDEMPTIONFLAG	CHAR(25)	THIS FIELD SHOULD CONTAIN MINIMUM REDEMPTION FLAG	'Y' OR 'N'
DPC FLAG(FILLER2)	CHAR(25)	DPC flag. Mandatory in case of purchase	'Y'
ALL UNITS FLAG (FILLER3)	CHAR(25)	All units flag. Mandatory in case of redemption transaction. If the units or amount is specified then this flag has be "N" and if this flag is "Y" then the amount and units has to be 0	'Y' OR 'N'
Sub broker Arn code	CHAR(20)	sub broker ARN code	
PG Reference No	CHAR(25)	Purchase Only, Used for Funds Mapping	Non Mandatory
Bank Account No	CHAR(20)	Redemption Only, to choose the account in which the Funds are redeemed to.	Mandatory
Mobile No	CHAR(10)	10 Digit Indian Mobile No used for verification	Mandatory for Redemption
Email ID	CHAR(50)	Email ID of the Client used for verification	Mandatory for Redemption
Mandate ID	CHAR(10)	Only for Purchase, for OTM	Optional

FILLER 1	CHAR(30)		
FILLER 2	CHAR(30)		
FILLER 3	CHAR(30)		
FILLER 4	CHAR(30)		
FILLER 5	CHAR(30)		
FILLER 6	CHAR(30)		

Total Message Length Should be 969 Characters

ADD / MODIFY / CANCEL RESPONSE

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1001 – NEW ORDER RESPONSE 2001 – MODIFY ORDER RESPONSE 3001 – CANCEL ORDER RESPONSE 1002-NEW ORDER REJECTION 2002-MODIFY ORDER REJECTION 3002-CANCEL ORDER REJECTION
SCRIPID	CHAR(5)	UNIQUE NO OF SCHEME MASTER (SCHEME TOKEN) SHOULD CONTAIN ONLY NUMBERS	
SCRIPCODE	CHAR(20)	SCRIP CODE AS GIVEN BY THE EXCHANGE	
BUYSELL	CHAR(1)	THIS SHOULD CONTAIN PURCHASE OR REDEMPTION FLAG P – PURCHASE R – REDEMPTION	
BUYSELLTYPE	CHAR(10)	THIS SHOULD CONTAIN TYPE OF BUY FRESH – FOR FRESH PURCHASE ADDITIONAL - FOR ADDITIONAL PURCHASE FOR REDEMPTION, IT SHOULD ALWAYS BE FRESH	
CLIENTCODE	CHAR(10)	THIS SHOULD CONTAIN THE CLIENT CODE FOR WHOM THE TRANSACTION IS ENTERED	
MEMBERID	CHAR(10)	THIS FIELD SHOULD CONTAIN THE MEMBER ID.	
DPTXNTYPE	CHAR(1)	THIS SHOULD CONTAIN THE SOURCE FOR REDEMPTION / DESTINATION FOR PURCHASE	

		<p>P – PHYSICAL N – NSDL C – CDSL</p>	
AMOUNT	CHAR(17)	<p>MANDATORY IN CASE OF PURCHASE. IN CASE OF REDEMPTION EITHER AMOUNT OR UNITS HAVE TO BE SPECIFIED OR ALL UNITS FLAG HAS TO BE "Y". THE FIELD WOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000. FOR. E.G., IF THE PURCHASE AMT IS 10001.25 THE FIELD SHOULD CONTAIN THE VALUE 100012500</p>	
ORIGPURCHASEAMT	CHAR(17)	<p>THIS SHOULD CONTAIN THE LAST MODIFIED PURCHASE AMONT (IN CASE OF MODIFICATION) IN CASE OF FRESH ORDER THIS VALUE SHOULD BE 0 IN CASE OF REDEMPTION TRANSACTION THIS VALUE SHOULD BE 0 THE FIELD WOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000. FOR. E.G., IF THE ORIGINAL PURCHASE AMT IS 10001.25 THE FIELD SHOULD CONTAIN THE VALUE 100012500</p>	
REDEEMQTY	CHAR(17)	<p>THIS SHOULD CONTAIN THE REDEMPTION QUANTITY. IN CASE OF PURCHASE TRANSACTION THIS VALUE SHOULD BE 0 THE FIELD WOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000. FOR. E.G., IF THE REDEEM QTY IS 101.023 THE FIELD SHOULD CONTAIN THE VALUE 1010230</p>	
ORIGREDEEMQTY	CHAR(17)	<p>THIS SHOULD CONTAIN LAST MODIFIED REDEMPTION QUANTITY. (IN CASE OF MODIFICATION / CANCELLATION) IN CASE OF FRESH ORDER THIS VALUE</p>	

		<p>SHOULD BE 0</p> <p>IN CASE OF PURCHASE TRANSACTION THIS VALUE SHOULD BE 0</p> <p>THE FIELD WOULD CONTAIN ONLY NUMBERS MULTIPLIED BY 10000.</p> <p>FOR. E.G., IF THE ORIGINAL REDEEM QTY IS 101.023 THE FIELD SHOULD CONTAIN THE VALUE 1010230</p>	
FOLIONO	CHAR(16)	<p>THIS FIELD IS MANDATORY IN CASE OF ADDITIONAL PURCHASES AND IN CASE OF REDEMPTIONS. IN CASE OF FRESH PURCHASES, THIS FIELD HAS TO BE LEFT BLANK</p> <p>WOULD CONTAIN ONLY NUMERIC VALUES</p>	
KYCSTATUS	CHAR(1)	<p>VALID VALUES ARE</p> <p>Y – YES</p> <p>N – NO</p>	
REMARKS	CHAR(200)	THIS FIELD MAY CONTAIN REMARKS THAT THE USER CAN ENTER AGAINST THE ORDER	
LOGINID	CHAR(25)	THIS FIELD SHOULD CONTAIN LOGIN ID OF USER / BROKER	
REFERENCENO	CHAR(30)	REF NO FROM IML	
DEALERID	CHAR(12)	<p>DEALER ID.</p> <p>SHOULD CONTAIN ONLY NUMBERS</p>	
BRANCHCODE	CHAR(10)	BRANCH CODE OF THE DEALER ID	
SESSION	CHAR(50)	LOGIN SESSION	
ORDERNO	CHAR(16)	<p>IN CASE OF ORDER ENTRY, THE SYSTEM WILL RETURN THE ORDER NO. ASSIGNED TO THE ORDER</p> <p>IN CASE OF MODIFICATION / CANCELLATION, THE SYSTEM WILL RETURN THE VALUE PROVIDED AT THE TIME OF REQUEST</p>	
LASTMODIFIEDDATE	CHAR(11)	THE SYSTEM WILL RETURN THE PROCESSING DATE OF THE ORDER ENTERED / MODIFIED / CANCELLED	DD MMM YYYY FORMAT
LASTMODIFIEDTIME	CHAR(8)	THE SYSTEM WILL RETURN THE	HH24:MI:SS

		PROCESSING TIME OF THE ORDER ENTERED / MODIFIED / CANCELLED	FORMAT
SUBBROKERCODE	CHAR(20)	THIS FIELD CONTAIN SUBBROKERCODE	
EUIN	CHAR(20)	THIS FIELD CONTAIN EUIN	
EUINDECLARATION	CHAR(1)	THIS FIELD CONTAIN EUIN FLAG 'Y' OR 'N'	
MINREDEMPTIONFLAG	CHAR(25)	THIS FIELD CONTAIN PROVIDED MINIMUM REDEMPTION FLAG 'Y' OR 'N'	
DPC FLAG(FILLER2)	CHAR(25)	DPC flag. Mandatory in case of purchase	'Y'
ALL UNITS FLAG (FILLER3)	CHAR(25)	All units flag. Mandatory in case of redemption transaction. If the units or amount is specified then this flag has be "N" and if this flag is "Y" then the amount and units has to be 0	'Y' OR 'N'
REPLYCODE	CHAR(3)	0 – SUCCESS OTHERS – FAILURE	
MESSAGE	CHAR(1000)	SYSTEM WOULD RETURN 'SUCCESS' IN CASE OF THE REQUEST GETTING COMPLETED SUCCESSFULLY IN CASE OF ERROR, THE SYSTEM WOULD RETURN THE ERROR MESSAGE	
ACTION	CHAR(3)	NEW – NEW ORDER MOD – ORDER MODIFIED CXL – ORDER CANCELLED	
Sub broker Arn code	CHAR(20)	sub broker ARN code	

PG Reference No	CHAR(25)	Purchase Only, Used for Funds Mapping	
Bank Account No	CHAR(20)	Redemption Only, to choose the account in which the Funds are redeemed to.	
FILLER 6	CHAR(15)		

DELTA DOWNLOAD REQUEST

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	4130– TXN CODE REQUEST
LOGINID	CHAR(25)	THIS FIELD SHOULD CONTAIN LOGIN ID OF USER / BROKER	
MEMBERID	CHAR(10)	THIS FIELD SHOULD CONTAIN THE MEMBER ID.	
DEALERID	CHAR(12)	DEALER ID. SHOULD CONTAIN ONLY NUMBERS	
BRANCHCODE	CHAR(10)	BRANCH CODE OF THE DEALER ID	
SESSION	CHAR(50)	LOGIN SESSION	
LASTDATE	CHAR(11)	THE LAST DATE FROM WHICH THE DATA IS REQUIRED TO BE FETCHED	DD MMM YYYY FORMAT
LASTTIME	CHAR(8)	THE LAST TIME FROM WHICH THE DATA IS REQUIRED TO BE FETHCED	HH24:MI:SS FORMAT
SUBBROKERCODE	CHAR(20)	THIS FIELD SHOULD CONTAIN SUBBROKERCODE	
EUIN	CHAR(20)	THIS FIELD SHOULD CONTAIN EUIN	
EUINDECLARATION	CHAR(1)	THIS FIELD SHOULD CONTAIN EUIN FLAG	'Y' OR 'N'
FILLER1	CHAR(25)	FOR FUTURE PURPOSE	
FILLER2	CHAR(25)	FOR FUTURE PURPOSE	
FILLER3	CHAR(25)	FOR FUTURE PURPOSE	

DELTA DOWNLOAD RESPONSE

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1 – DELTA DOWNLOAD RESPONSE 2 – REJECTION
SCRIPID	CHAR(5)	UNIQUE NO OF SCHEME MASTER (SCHEME TOKEN) SHOULD CONTAIN ONLY NUMBERS	
SCRIPCODE	CHAR(20)	SCRIP CODE AS GIVEN BY THE EXCHANGE	
BUYSELL	CHAR(1)	THIS CONTAINS PURCHASE OR REDEMPTION FLAG P – PURCHASE R – REDEMPTION	
BUYSELLTYPE	CHAR(10)	THIS CONTAINS TYPE OF BUY FRESH – FOR FRESH PURCHASE ADDITIONAL - FOR ADDITIONAL PURCHASE FOR REDEMPTION, IT WILL ALWAYS BE FRESH	
CLIENTCODE	CHAR(10)	THIS CONTAINS THE CLIENT CODE FOR WHOM THE TRANSACTION IS ENTERED	
MEMBERID	CHAR(10)	THIS FIELD CONTAINS THE MEMBER ID.	
DPTXNTYPE	CHAR(1)	THIS CONTAINS THE SOURCE FOR REDEMPTION / DESTINATION FOR PURCHASE P – PHYSICAL N – NSDL C – CDSL	
PURCHASEAMT	CHAR(17)	THIS CONTAINS THE PURCHASE AMONT. IN CASE OF REDEMPTION TRANSACTION THIS VALUE WOULD BE 0 THE VALUE WILL BE MULTIPLIED WITH 10000	

		FOR. E.G., IF THE PURCHASE AMT IS 10001.25 THE FIELD SHOULD CONTAIN THE VALUE 100012500	
REDEEMQTY	CHAR(17)	THIS CONTAINS THE REDEMPTION QUANTITY. IN CASE OF PURCHASE TRANSACTION THIS VALUE WOULD BE 0 THE VALUE WILL BE MULTIPLIED WITH 10000 FOR. E.G., IF THE REDEEM QTY IS 101.023 THE FIELD SHOULD CONTAIN THE VALUE 1010230	
FOLIONO	CHAR(16)	THIS FIELD IS MANDATORY IN CASE OF ADDITIONAL PURCHASES AND IN CASE OF REDEMPTIONS. IN CASE OF FRESH PURCHASES, THIS FIELD WOULD BE LEFT BLANK WOULD CONTAIN ONLY NUMERIC VALUES	
KYCSTATUS	CHAR(1)	VALID VALUES ARE Y – YES N – NO	
REMARKS	CHAR(200)	THIS FIELD MAY CONTAIN REMARKS THAT THE USER CAN ENTER AGAINST THE ORDER	
LOGINID	CHAR(25)	THIS FIELD SHOULD CONTAIN LOGIN ID OF USER / BROKER	
MEMBERID	CHAR(10)	THIS FIELD SHOULD CONTAIN THE MEMBER ID.	
DEALERID	CHAR(12)	DEALER ID. SHOULD CONTAIN ONLY NUMBERS	
BRANCHCODE	CHAR(10)	BRANCH CODE OF THE DEALER ID	
SESSION	CHAR(50)	LOGIN SESSION	
ORDERNO	CHAR(16)	THE SYSTEM WILL RETURN THE ORDER NO. ASSIGNED TO THE ORDER	
LASTMODIFIEDDATE	CHAR(11)	THE SYSTEM WILL RETURN THE PROCESSING DATE OF THE ORDER ENTERED / MODIFIED / CANCELLED	DD MMM YYYY FORMAT
LASTMODIFIEDTIME	CHAR(8)	THE SYSTEM WILL RETURN THE PROCESSING TIME OF THE ORDER ENTERED / MODIFIED / CANCELLED	HH24:MI:SS FORMAT

SUBBROKERCODE	CHAR(20)	THIS FIELD CONTAIN SUBBROKERCODE	
EUIN	CHAR(20)	THIS FIELD CONTAIN EUIN	
EUINDECLARATION	CHAR(1)	THIS FIELD CONTAIN EUIN FLAG 'Y' OR 'N'	
MINREDEMPTIONFLAG	CHAR(25)	THIS FIELD CONTAIN PROVIDED MINIMUM REDEMPTION FLAG 'Y' OR 'N'	
FILLER2	CHAR(25)	FOR FUTURE PURPOSE	
FILLER3	CHAR(25)	FOR FUTURE PURPOSE	
ACTION	CHAR(3)	NEW – NEW ORDER MOD – ORDER MODIFIED CXL – ORDER CANCELLED	
REFERENCENO	CHAR(30)	REF NO FROM IML	
REPLYCODE	CHAR(3)	0 – SUCCESS OTHERS – FAILURE	
ERRORMESSAGE	CHAR(1000)	SYSTEM WOULD RETURN 'SUCCESS' IN CASE OF THE REQUEST GETTING COMPLETED SUCCESSFULLY IN CASE OF ERROR, THE SYSTEM WOULD RETURN THE ERROR MESSAGE	

SWITCH MESSAGE STRUCTURE

SWITCH	FIELD TYPE	DESCRIPTION	VALUES THAT CAN COME	Mandatory or non-mandatory
Transaction Code	char(4)	Type of message	Switch Order Request: 6001	mandatory
			Switch ORDER CANCELLATION Request:6007	
From AMC Code	char(50)	From AMC		mandatory
To AMC Code	char(50)	To AMC		mandatory
From Scheme Code	char(20)	From BSE Scheme Code		mandatory
To Scheme Code	char(20)	To BSE Scheme Code		mandatory
Client id	char(10)	BSE client Code		mandatory
Txn type	char(10)	Fresh or additional	fresh or additional	mandatory
Demat/physical	char(1)	CDSL or NSDL or physical	C/N/P	mandatory
Folio number	char(15)	Folio number will be mandatory in case of physical transactions		non-mandatory
Units	char(17)	Here the member has to enter the quantity in units. (This field should be 0 if the member has entered amount or selected all units flag)		mandatory
Original units	char(17)	This should contain last modified redemption quantity. (In case of modification / cancellation and incase of fresh entry member should enter 0)		mandatory
Amount	char(17)	Here the member has to enter the purchase amount or redemption amount. (This field should have 0 if the member has entered quantity or selected all units flag)		mandatory
Original amount	char(17)	This should contain the last modified purchase amount or redemption (in case of modification) In case of fresh order this value should be 0		mandatory
Sub broker Code	char(15)	Sub- broker Code		
EUIN	char(10)	EUIN number		mandatory
EUIN decl	char(1)	EUIN deceleration	Y/N	mandatory

KYC flag	char(1)	KYC status of client	Y/N	mandatory
Remarks	char(100)	Here member can enter the remarks for his reference		non-mandatory
All units flag	char(1)	All units flag. If all units flag is Y then the amount and units column should be 0	Y/N	mandatory
Member ID	char(10)	Member Code		mandatory
Login ID	char(25)	Login ID of the member/user		mandatory
Session	char(50)	Login session (this will automatically be captured through IML exe which is installed on client side)		mandatory
Order no	char(20)	In case of fresh order this field should contain 0. And in case of modification or cancellation BSE unique order number has to be given in this field		mandatory
Branch Code	char(10)	Branch Code of Dealer ID		mandatory
Dealer ID	char(12)	Dealer ID (should contain only numeric value)		mandatory
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled	DD/MM/YYYY	mandatory
Last modified time	char(8)	The system will return the processing time of the order entered / modified / cancelled	HH:MM:SS	mandatory
Reference no	char(30)	In this the member can enter his reference number		Non-mandatory
Sub Broker ARN	char(20)			
Mobile No	char(10)	10 Digit Indian Mobile No used for verification		Mandatory
Email Id	char(50)	Email ID of the Client used for verification		Mandatory
Filler 1	char(30)			
Filler 2	char(30)			
Filler 3	char(30)			
Filler 4	char(30)			
Filler 5	char(30)			
Filler 6	char(30)			

Total Message Length Should be 811 Characters

SWITCH RETURN MESSAGE STRUCTURE

SWITCH	FIELD TYPE	DESCRIPTION
Transaction Code	char(4)	Switch Order Response:6002
		Switch ORDER CACELLATION Response:6008
From AMC Code	char(50)	From AMC
To AMC Code	char(50)	To AMC
From Scheme Code	char(20)	From Scheme Code
To Scheme Code	char(20)	To Scheme Code
Client id	char(10)	BSE client Code
Txn type	char(10)	Fresh or additional
Demat/physical	char(1)	CDSL or NSDL or physical
Folio number	char(10)	Folio number will be mandatory in case of physical transactions
Units	char(17)	Units
Original units	char(17)	Original units in case of modification
Amount	char(17)	Amount
Original amount	char(17)	Original amount in case of modification
Sub- broker Code	char(10)	
EUIN	char(10)	EUIN number
EUIN decl	char(1)	EUIN declaration
KYC flag	char(1)	KYC flag
Remarks	char(100)	Here the remarks which member has entered will be viewed
All units flag	char(1)	
Member ID	char(10)	Member Code
Login ID	char(25)	Login ID of the member/user
Session	char(50)	Login session(this will automatically be captured through IML exe which is installed on client side)
Order no	char(20)	In this exchange will send the unique order number assigned to the transaction.. And in case of modification or cancellation BSE unique order number has to be given in this field
Branch Code	char(10)	Branch Code of Dealer ID
Dealer ID	char(12)	Dealer ID (should contain only numeric value)

Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled
Last modified time	char(8)	The system will return the processing time of the order entered / modified / cancelled
Reference no	char(30)	Iml reference number (this will automatically be captured through IML exe which is installed on client side)
Reply Code	char(3)	0 – SUCCESS ; 1 – FAILURE
Message	char(1000)	System would send "success" in case of transaction is successfully accepted on BSE StAR MF.
		In case of error, the system would return the error message
Filler 1(Sub Broker ARN)	char(20)	
Filler 2	char(20)	
Filler 3	char(20)	
Filler 4	char(20)	

Total Message Length Should be 1624 Characters

SPREAD/OVERNIGHT ORDER STRUCTURE

SPREAD ORDER MESSAGE	FIELD TYPE	DESCRIPTION	VALUES THAT CAN COME	Mandatory or non-mandatory
Transaction Code	char(4)	Type of message	Spread Order Request:5001	
			Spread ORDER CACELLATION Request:5007	
AMC Code	char(50)	AMC Code		mandatory
Scheme Code	char(20)	Scheme Code		mandatory
Client Code	char(10)	BSE client Code		mandatory
Txn type	char(10)	Additional or Fresh	additional or fresh	mandatory
Demat/physical	char(1)	CDSL or NSDL or physical	N/C/P	mandatory
Folio number	char(10)	Folio number		non-mandatory
Purchase amount	char(17)	Purchase amount		mandatory
Original purchase amount	char(17)	This should contain the last modified purchase amount (in case of modification) In case of fresh order this value should be 0		mandatory
Sub broker Code	char(10)			non-mandatory
EUIN	char(10)	EUIN number		mandatory
EUIN decl	char(1)	EUIN declaration	Y/N	mandatory
KYC flag	char(1)	KYC flag	Y/N	mandatory
DPC	char(1)	DPC flag	Y	mandatory
All units flag	char(1)	If all units flag is Y then the redemption amount will be 0	Y/N	mandatory
Redemption date	char(10)	Date on which member wants redeem the units	DD/MM/YYYY	mandatory
Original redemption date	char(10)	In case of fresh order this field will be 0 and in case of modification of date original date will be entered here	DD/MM/YYYY	mandatory

Redemption amount	char(17)	Redemption amount. if all units flag is Y then the amount will be 0		mandatory
Original redemption amount	char(17)	This should contain the last modified redemption amount (in case of modification) In case of fresh order this value should be 0		mandatory
Remarks	char(100)	Here the member can enter his remarks		mandatory
Member ID	char(20)	Member Code		mandatory
Login ID	char(25)	Login ID of the member/user		mandatory
Session	char(50)	Login session(this will automatically be captured through IML exe which is installed on client side)		mandatory
Order no	char(20)	In case of fresh order this field should contain 0. And in case of modification or cancellation BSE unique order number has to be given in this field		mandatory
Branch Code	char(10)	Branch Code of Dealer ID		mandatory
Dealer ID	char(12)	Dealer ID (should contain only numeric value)		mandatory
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled	DD/MM/YYYY	mandatory
Last modified time	char(8)	The system will return the processing date of the order entered / modified / cancelled	Hh:MM:ss	mandatory
Reference no	char(30)	Here member can enter his reference number.		Non-mandatory
Sub Broker ARN	char(20)			

PG Reference No	CHAR(25)	Purchase Only, Used for Funds Mapping		
Bank Account No	CHAR(20)	Redemption Only, to choose the account in which the Funds are redeemed to.		
Mobile No	char(10)	10 Digit Indian Mobile No used for verification		Mandatory
Email Id	char(50)	Email ID of the Client used for verification		Mandatory
Filler 1	char(30)			
Filler 2	char(30)			
Filler 3	char(30)			
Filler 4	char(30)			
Filler 5	char(30)			
Filler 6	char(30)			

Total Message Length Should be 807 Characters

SPREAD RESPONSE STRUCTURE

SPREAD ORDER MESSAGE	FIELD TYPE	DESCRIPTION
Transaction Code	char(4)	Spread Order Response:5002
		Spread ORDER CACELLATION Response:5008
AMC Code	char(50)	AMC Code
Scheme Code	char(20)	Scheme Code
Client Code	char(10)	BSE client Code
Txn type	char(10)	additional or fresh
Demat/physical	char(1)	CDSL or NSDL or physical
Folio number	char(10)	Folio number
Purchase amount	char(17)	Purchase amount
Original purchase amount	char(17)	This should contain the last modified purchase amount (in case of modification) In case of fresh order this value should be 0
Sub broker Code	char(10)	
EUIN	char(10)	EUIN number
EUIN decl	char(1)	EUIN declaration
KYC flag	char(1)	KYC flag
DPC	char(1)	DPC flag
All units flag	char(1)	if all units flag is Y then the redemption amount will be 0
Redemption date	char(10)	date on which member wants redeem the units
Original redemption date	char(10)	In case of fresh order this field will be 0 and in case of modification of date original date will be entered here
Redemption amount	char(17)	If all units flag is Y then the amount will be 0
Original redemption amount	char(17)	
Remarks	char(100)	Here the remarks which member has entered will be viewed
Member ID	char(10)	Member Code
Login ID	char(25)	Login ID of the member/user

Session	char(50)	Login session
Order no	char(20)	In case of fresh order this field should contain 0. And in case of modification or cancellation BSE unique order number has to be given in this field
Branch Code	char(10)	Branch Code of Dealer ID
Dealer ID	char(12)	Dealer ID (should contain only numeric value)
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled
Last modified time	char(8)	The system will return the processing date of the order entered / modified / cancelled
Reference no	char(30)	Member reference number
Reply Code	char(3)	0 – SUCCESS ; 1 – FAILURE
Message	char(1000)	System would send "success" in case of transaction is successfully accepted on BSE StAR MF. And also the success message for redemption order will be sent here
		in case of error, the system would return the error message
Filler 1(Sub Broker ARN)	char(20)	
PG Reference No	CHAR(25)	Purchase Only, Used for Funds Mapping
Bank Account No	CHAR(20)	Redemption Only, to choose the account in which the Funds are redeemed to.
Filler 4	char(15)	

Total Message Length Should be 1575 Characters

SIP REGISTRATION MESSAGE STRUCTURE

SIP registration	FIELD TYPE	DESCRIPTION	VALUES THAT CAN COME	mandatory or non-mandatory
Transaction Code	char(4)	Type of message	SIP Order Request:7001	
			SIP ORDER CANCELLATION Request:7006	
Client Code	char(10)	BSE StAR MF UCC		mandatory
AMC	char(50)	AMC Code		mandatory
Scheme Code	char(20)	BSE Scheme Code		mandatory
Internal ref no	char(10)	Ref No. for member if he wants to enter		non mandatory
Transaction mode	char(1)	In which mode the member wants to register the SIP	D/P	mandatory
DP transaction mode	char(1)	If the member selects trans mode as D then here either member can enter Codes for CDSL(C) or NSDL(N) and if the member selects trans mode as Physical (P), then the member will enter (P)	C/N/P	mandatory
Folio number	char (20)	This will be only valid for physical SIP. if member already has a folio number for that particular AMC and he wants to enter he enter it here		non mandatory
Frequency type	char(20)	Type of SIP the member wants to enter i.e. monthly, quarterly etc.	WEEKLY/MONTHLY/QUARTERLY/SEMI-ANNUALLY/ANNUALLY.	mandatory
Frequency allowed	Int(1)	Here the frequency Type will be rolling for which Code 1 is	1	mandatory

		assigned and member has to enter that		
Installment amount	Int(8)	Installment amount		mandatory
Generate 1st order today	char(1)	If the member wants to trigger the installment on the same day of registration then he has to enter as Y else N	Y/N	mandatory
Start date	char(10)	Start date of the SIP	DD/MM/YYYY	mandatory
Number of installments	Int(8)	Number of installments		mandatory
EUIN	char(10)	EUIN No		mandatory
EUIN decl	char(1)	EUIN declaration	Y/N	mandatory
Remarks	char (100)	Here member can enter the remarks		
DPC	char(1)	DPC flag	Y	mandatory
Member ID	char(10)	Member Code		mandatory
Login ID	char(25)	Login ID of the member/user		mandatory
Session	char(50)	Login session(this will automatically be captured through IML exe which is installed on client side)		mandatory
SIP registration number	char(10)	In case of fresh SIP this field should contain 0.		mandatory
Branch Code	char(10)	Branch Code of Dealer ID		mandatory
Dealer ID	char(12)	Dealer ID (should contain only numeric value)		mandatory
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled	DD/MM/YY	mandatory
Last modified time	char(8)	The system will return the processing time of the order entered / modified / cancelled	HH:MM:SS	mandatory

Sub Broker Code	char(20)			Non-mandatory
Sub Broker ARN	char(20)			Non-mandatory
END DATE	char(20)		DD/MM/YY	Mandatory in case of daily SIP only for MFI/RFI
Filler 1	char(30)			
Filler 2	char(30)			
Filler 3	char(30)			
Filler 4	char(30)			
Filler 5	char(30)			
Filler 6	char(30)			

Total Message Length Should be **651** Characters

SIP REGISTRATION RETURN MESSAGE:

SIP REGISTRATION RETURN MESSAGE	FIELD TYPE	DESCRIPTION
Transaction Code	char(4)	SIP Order Response:7002
		SIP ORDER CANCELLATION Response:7007
Client Code	char(10)	Client Code
Scheme Code	char(20)	BSE Scheme Code
Internal ref No.	char(10)	Ref No. for member if he wants to enter
Folio number	char (20)	This will be only valid for physical SIP. if member already has a folio number for that particular AMC and he wants to enter he enter it here
Registration date	DATE(10)	The date on which SIP is registered(dd/mm/yyyy)
Start date	DATE(10)	Start date of the SIP (dd/mm/yyyy)
Installment numbers	Int(8)	Installment numbers
End date	DATE(10)	End date will be calculated on the basis of start date and No. of installments (dd/mm/yyyy)
Installment amount	Int(8)	Installment amount
1st order today flag	char(1)	1st order today flag
Remarks	char (100)	Here the remarks which member has entered will be viewed
DPC flag	char(1)	DPC flag
Member ID	char(10)	Member Code
Login ID	char(25)	Login ID of the member/user
Session	char(50)	Login session(this will automatically be captured through IML exe which is installed on client side)
SIP registration number	char(7)	Here the SIP registration will be given which has been generated by system
Branch Code	char(10)	Branch Code of Dealer ID
Dealer ID	char(12)	Dealer ID (should contain only numeric value)
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled
Last modified time	char(8)	
Reply Code	char(3)	0 – SUCCESS ; 1 – FAILURE

Message	char(1000)	System would send "success" in case of transaction is successfully accepted on BSE StAR MF. IN CASE OF ERROR, THE SYSTEM WOULD RETURN THE ERROR MESSAGE
Sub Broker Code	char(20)	
Sub Broker ARN	char(20)	
END DATE	char(20)	DD/MM/YY
First Order Today Order No	char(20)	Only if First Order Today Flag is Y, and SIP Authentication is Disabled

Total Message Length Should be 1427 Characters

XSIP REGISTRATION MESSAGE:

<i>XSIP registration</i>	<i>FIELD TYPE</i>	<i>DESCRIPTION</i>	<i>SAMPLE VALUE</i>	<i>mandatory or non-mandatory</i>
Transaction Code	char(4)	Type of message	XSIP Order Request:8001	mandatory
			XSIP ORDER CACELLATION Request:8007	
Client Code	char(10)	BSE StARMF UCC	258258	mandatory
AMC	char(50)	AMC Code	RelianceMutualFund_MF	mandatory
Scheme Code	char(20)	BSE Scheme Code	RMFAF-GR	mandatory
Internal ref No.	char(10)	ref No. for member if he wants to enter	123456	non mandatory
Transaction mode	char(1)	in which mode the member wants to register the SIP	D	mandatory
DP transaction mode	char(1)	if the member selects trans mode as D then here either member can enter Codes for CDSL(C) or NSDL(N) and if the member selects trans mode as Physical (P), then the member will enter (P)	N	mandatory
Folio number	char (20)	This will be only valid for physical SIP. if member already has a folio number for that particular AMC and he wants to enter he enter it here	145236	non mandatory
Frequency type	char(20)	Type of SIP the member wants to enter i.e. monthly, quarterly etc.	MONTHLY	mandatory
Frequency allowed	Int(1)	Here the frequency type will be rolling for which Code 1 is assigned and member has to enter that	1	mandatory
Installment amount	Int(8)	Installment amount	1000	mandatory
Brokerage	Money(8)	Brokerage amount. Here the value can be zero	10	mandatory
XSIP Mandate ID	Int(8)	BSE mandate ID	12345652	Either xsip mandate id or isip mandate id is mandatory

Generate 1st order today	char(1)	if the member wants to trigger the installment on the same day of registration then he has to enter as Y	Y	mandatory
Start date	char(10)	Start date of the SIP	12/5/2015	mandatory
Number of installments	Int(8)	Number of installments	20	mandatory
EUIN	char(10)	EUIN No.	E123456	mandatory
EUIN decl	char(1)	EUIN declaration	Y	mandatory
Remarks	Varchar (100)	Here member can enter his remarks		non mandatory
DPC	char(1)	DPC flag	Y	mandatory
Member ID	char(10)	Member Code		mandatory
Login ID	char(25)	Login ID of the member/user		mandatory
Session	char(50)	Login session(this will automatically be captured through IML exe which is installed on client side)		mandatory
XSIP registration number	char(10)	In case of fresh SIP this field should contain 0.		mandatory
Branch Code	char(10)	Branch Code of Dealer ID		mandatory
Dealer ID	char(12)	Dealer ID (should contain only numeric value)		mandatory
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled	DD/MM/YYYY	mandatory
Last modified time	char(8)	The system will return the processing time of the order entered / modified / cancelled	HH:MM:SS	mandatory
Sub Broker Code (Filler 1)	char(20)			Non-mandatory
Filler 2(Sub Broker ARN)	char(20)	filler 2 will be used as sub broker ARN code		Non-mandatory
Filler 3(ISIP Mandate)	char(20)	filler 3 will be user the ISIP mandate ID		Either xsip mandate id or isip mandate id is mandatory
END DATE	char(20)		DD/MM/YY	Mandatory in case of daily XSIP only for MFI/RFI
Filler 1	char(30)			
Filler 2	char(30)			

Filler 3	char(30)		
Filler 4	char(30)		
Filler 5	char(30)		
Filler 6	char(30)		

Total Message Length Should be 687 Characters

XSIP RETURN MESSAGE STRUCTURE:

XSIP REGISTRATION RETURN MESSAGE	FIELD TYPE	DESCRIPTION
Transaction Code	char(4)	XSIP Order Response:8002
		XSIP ORDER CACELLATION Response:8008
Client Code	char(10)	client Code
Scheme Code	char(20)	BSE Scheme Code
Internal ref no	char(10)	Ref No. for member if he wants to enter
SIP reg number	char(10)	System generated unique SIP registration number
number	char (20)	
Registration date	DATE(10)	The date on which SIP is registered
Start date	DATE(10)	Start date of the SIP
Installment numbers	Int(8)	installment numbers
End date	DATE(10)	End date will be calculated on the basis of start date and No. of installments
Installment amount	Int(8)	Installment amount
1st order today flag	char(1)	1st order today flag
Remarks	char (100)	Here the remarks which member has entered will be viewed
DPC flag	char(1)	DPC flag
Member ID	char(10)	Member Code
Login ID	char(25)	Login ID of the member/user
Session	char(50)	Login session(this will automatically be captured through IML exe which is installed on client side)
XSIP registration no	char(10)	Here the SIP registration will be given which has been generated by system
Branch Code	char(10)	Branch Code of Dealer ID
Dealer ID	char(12)	Dealer ID (should contain only numeric value)
Last modified date	char(10)	The system will return the processing date of the order entered / modified / cancelled
Last modified time	char(8)	The system will return the processing time of the order entered / modified / cancelled
Reply Code	char(3)	0 – SUCCESS ; 1 – FAILURE

Message	char(1000)	System would send "success" in case of transaction is successfully accepted on BSE StAR MF. In case of error, the system would return the error message
Sub Broker Code	char(20)	
sub broker arn	char(20)	
isip mandate id	char(20)	
First Order Today Order No	char(20)	Only if First Order Today Flag is Y, and XSIP Authentication is Disabled

Total Message Length Should be 1440 Characters

SWP REGISTRATION MESSAGE

SWP REGISTRATION MESSAGE	Field Type	Field Length	Description
Transaction code	Varchar	4	Swp registration request :9001
			Swp request Modification Request:9003
			Swp registration cancellatio :9005
Client code	Varchar	10	
Bse scheme code	Varchar	20	
Transaction mode	Varchar	1	D- demat, p- physical
Folio number	Varchar	15	
Internal ref number	Varchar	10	
Start date	Date	10	Dd/mm/yyyy
Number of withdrawals	Int	8	
Frequency type	Varchar	20	Weekly / monthly / quarterly
Installment amount	Numeric	25	
Installment units	Numeric	25	
First order today	Varchar	1	Y/N
Sub broker code	Varchar	15	
EUIN decleration	Varchar	1	Y/N
EUIN number	Varchar	7	
Remarks	Varchar	100	
Sub broker - arn	Varchar	20	
Member ID	Char	10	
Login ID	Char	25	
Session	Char	50	
Swp registration number	Char	10	In case of fresh swp this field should contain 0.
Branch code	Char	10	
Dealer ID	Char	12	
Last modified date	Char	10	DD/MM/YYYY
Last modified time	Char	8	HH:MM:SS
Mobile No	char	10	10 Digit Indian Mobile No used for verification
Email Id	char	50	Email ID of the Client used for verification
Filler 1	Char	30	
Filler 2	Char	30	

Filler 3	Char	30	
Filler 4	Char	30	
Filler 5	Char	30	
Filler 6	Char	30	

Total Message Length Should be **667** Characters

SWP REGISTRATION RETURN MESSAGE

SWP REGISTRATION RETURN MESSAGE	Field Type	Field Length	sample
Transaction code	VARCHAR	4	swp registration response :9002
			swp request Modification Response :9004
			swp registration cancellation response :9006
Client code	VARCHAR	10	
Bse scheme code	VARCHAR	20	
Transaction mode	VARCHAR	1	D- demat, P- physical
Folio number	VARCHAR	15	
Internal ref number	VARCHAR	10	
Start date	DATE	10	DD/MM/YYYY
Number of withdrawals	INT	8	
Frequency type	VARCHAR	20	Weekly / Monthly / Quarterly
Installment amount	NUMERIC	25	
Installment units	NUMERIC	25	
First order today	VARCHAR	1	Y/N
End date	VARCHAR	10	DD/MM/YYYY
Sub broker code	VARCHAR	15	
EUIN decleration	VARCHAR	1	Y/N
EUIN number	VARCHAR	7	
Remarks	VARCHAR	100	
Sub broker - arn	VARCHAR	20	
Member ID	CHAR	10	
Login ID	CHAR	25	
Session	CHAR	50	
Swp registration number	CHAR	10	Here the SwP registration will be given which has been generated by system
Branch code	CHAR	10	
Dealer ID	CHAR	12	
Last modified date	CHAR	10	DD/MM/YYYY
Last modified time	CHAR	8	HH:MM:SS
Reply code	CHAR		

Message	CHAR	1000	System would send "success" in case of transaction is successfully accepted on BSE StAR MF.
			IN CASE OF ERROR, THE SYSTEM WOULD RETURN THE ERROR MESSAGE
Filler 1	CHAR	20	
Filler 2	CHAR	20	
Filler 3	CHAR	20	
Filler 4	CHAR	20	

Total Message Length Should be 1517 Characters

STP REGISTRATION MESSAGE

STP Registration Request	Field Type	Field Length	Description
transaction code	varchar	4	stp registration request : 9010
			stp request Modification Request:9013
			stp registration cancellation: 9015
client code	varchar	10	
from bse scheme code	varchar	20	
to bse scheme code	varchar	20	
Buy / Sell Type	varChar	10	Fresh/Additional
transaction mode	varchar	1	P- physical
folio number	varchar	15	
internal ref number	varchar	10	
start date	date	10	DD/MM/YYYY
frequency type	varchar	20	Weekly / Monthly / Quarterly
no of transfers	int	8	
installment amount	numeric	25	
First order today	varchar	1	Y/N
sub broker code	varchar	15	
EUIN decleration	varchar	1	Y/N
EUIN number	varchar	7	
remarks	varchar	100	
SUB BROKER - ARN	varchar	20	
Member ID	char	10	
Login ID	char	25	
Session	char	50	
STP registration number	char	10	In case of fresh SwP this field should contain 0.
Branch Code	char	10	
Dealer ID	char	12	
Last modified date	char	10	DD/MM/YYYY
Last modified time	char	8	HH:MM:SS
Mobile No	char	10	10 Digit Indian Mobile No used for verification
Email Id	char	50	Email ID of the Client used for verification
Filler 1	Char	30	
Filler 2	Char	30	
Filler 3	Char	30	
Filler 4	Char	30	
Filler 5	Char	30	

Filler 6	Char	30	
----------	------	----	--

Total Message Length Should be **672** Characters

STP REGISTRATION RETURN MESSAGE

STP Registration Response Message	Field Type	Field Length	Description
transaction code	varchar	4	stp registration request : 9011
			stp request Modification Request:9014
			STP registration cancellation: 9016
client code	varchar	10	
from bse scheme code	varchar	20	
to bse scheme code	varchar	20	
Buy / Sell Type	varChar	10	Fresh/Additional
transaction mode	varchar	1	P- physical
folio number	varchar	15	
internal ref number	varchar	10	DD/MM/YYYY
start date	date	10	
frequency type	varchar	20	Weekly / Monthly / Quarterly
no of transfers	int	8	
installment amount	numeric	25	
First order today	varchar	1	Y/N
end date		10	DD/MM/YYYY
sub broker code	varchar	15	
EUIN decleration	varchar	1	Y/N
EUIN number	varchar	7	
remarks	varchar	100	
SUB BROKER - ARN	varchar	20	
Member ID	char	10	
Login ID	char	25	
Session	char	50	
STP registration number	char	10	In case of fresh SwP this field should contain 0.
Branch Code	char	10	
Dealer ID	char	12	
Last modified date	char	10	DD/MM/YYYY
Last modified time	char	8	HH:MM:SS
Reply Code	char		

Message	char	1000	System would send "success" in case of transaction is successfully accepted on BSE StAR MF.
			IN CASE OF ERROR, THE SYSTEM WOULD RETURN THE ERROR MESSAGE
Filler 1	char	20	
Filler 2	char	20	
Filler 3	char	20	
Filler 4	char	20	

Total Message Length Should be 1522 Characters

HEARTBEAT MESSAGES

HEARTBEAT REQUEST

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1905
TAG	CHAR(4)	DEFAULT VALUE WILL BE HBRQ	

HEARTBEAT RESPONSE

FIELD DESCRIPTION	TYPE	DESCRIPTION	VALUES / MEANINGS / VALIDATIONS
TRANSACTION CODE	CHAR(4)	TYPE OF MESSAGE	1906
TAG	CHAR(4)	VALUE WILL BE HBRP	

GENERAL

1. RECORD SEPARATOR WILL BE ~#~ FOR DELTA DOWNLOAD
2. ALL REQUESTS FOR IML SHOULD BE ENDED BY NEW LINE CHARACTER.
3. ALL RESPONSES FROM IML WOULD BE ENDED BY NEW LINE CHARACTER.

REVISION HISTORY

SR. NO.	DATE	DESCRIPTION
1	DEC 29 2009	BASE VERSION
2	JAN 07 2010	REVISION 1
3	APR 15 2010	REVISION 1.1
4	JUL 06 2010	REVISION 1.2
5	MAR 29 2012	REVISION 1.3
6	AUG 20 2015	REVISION 1.4
7	JUL 29 2016	REVISION 1.5
8	Nov 19 2016	REVISION 1.6
9	Nov 11 2017	REVISION 1.7
10	Mar 15 2022	REVISION 1.8
11	Apr 21 2022	REVISION 1.9

Revision 1.9

Normal ORDER Structure Change

Normal Order Entry Request

- 1.) Mobile No. Added
- 2.) Email ID Added
- 3.) Mandate ID Added
- 4.) FILLER 1 to 6 Added

SWITCH ORDER Structure Change

Switch Order Entry Request

- 1.) Mobile No. Added
- 2.) Email ID Added
- 3.) FILLER 1 to 6 Added

SPREAD ORDER Structure Change

Spread Order Entry Request

- 1.) Mobile No. Added

- 2.) Email ID Added
- 3.) FILLER 1 to 6 Added

SIP ORDER Structure Change

SIP Order Entry Request

- 1.) FILLER 1 to 6 Added

SIP Order Entry Response

- 1.) First Order Today Order No. Added

XSIP/ISIP Registration Structure Change

XSIP/ISIP Order Entry Request

- 1.) END DATE Added
- 2.) FILLER 1 to 6 Added

XSIP/ISIP Order Entry Response

- 1.) First Order Today Order No. Added

SWP Registration Structure Change

SWP Order Entry Request

- 1.) Mobile No. Added
- 2.) Email ID Added
- 3.) FILLER 1 to 6 Added

STP Registration Structure Change

STP Order Entry Request

- 1.) Mobile No. Added
- 2.) Email ID Added
- 3.) FILLER 1 to 6 Added

Revision 1.8

Changes in Order Entry Logic

DPC

DPC will be Y only

Normal ORDER Structure Change

Normal Order Entry Request

- 4.) PG Reference No Added
- 5.) Bank Account No Added

Normal Order Entry Response

- 1.) PG Reference No Added
- 2.) Bank Account No Added

Spread ORDER Structure Change

Spread Order Entry Request

- 6.) PG Reference No Added
- 7.) Bank Account No Added

Spread Order Entry Response

- 3.) PG Reference No Added
- 4.) Bank Account No Added

Revision 1.7

Changes in Order Entry Logic

SIP ORDER Structure Change

SIP Order Entry Request

- 8.) END DATE Added in Filler 3

SIP Order Entry Response

- 5.) END DATE Added in Filler 3

Revision 1.6

Additional Formats added for

- 1.) STP REGISTRATION
- 2.) SWP REGISTRATION

Changes in Order Entry Logic

ADD / MODIFY / CANCEL ORDER Structure Change

Normal Order Request

- 1.) Sub Broker ARN after Filler 3
 - a. Field Size of 20 Characters
- 2.) Filler 4 Added
 - a. Field Size of 20 Characters
- 3.) Filler 5 Added
 - a. Field Size of 20 Characters
- 4.) Filler 6 Added
 - a. Field Size of 20 Characters

Normal Order Response

- 1.) Sub Broker ARN after Filler 3
 - a. Field Size of 20 Characters
- 2.) Filler 4 Added
 - a. Field Size of 20 Characters
- 3.) Filler 5 Added
 - a. Field Size of 20 Characters
- 4.) Filler 6 Added
 - a. Field Size of 20 Characters

SIP ORDER Structure Change

SIP Order Entry Request

- 1.) Sub Broker ARN Added in Filler 2

SIP Order Entry Response

- 1.) Sub Broker ARN Added in Filler 2

XSIP / ISIP ORDER Structure Change

ISIP has been introduced as a part of the Existing XSIP Order Structure

XSIP/ISP Order Entry Request

- 1.) MANDATE ID changed to XSIP Mandate ID,
 - a. *Validation : Either XSIP mandate ID or ISIP Mandate ID is required*
- 2.) Sub Broker ARN Added in Filler 2,
- 3.) ISIP MANDATE ID Added in Filler 3,
 - a. *Validation : Either XSIP mandate ID or ISIP Mandate ID is required*

XSIP/ISP Order Entry Request

- 1.) Sub Broker ARN Added in Filler 2,
- 2.) ISIP MANDATE ID Added in Filler 3,

SPREAD ORDER Structure Change

SPREAD Order Entry Request

- 1.) Sub Broker ARN Added in Filler 1

SPREAD Order Entry Response

- 1.) Sub Broker ARN Added in Filler 1

SWITCH ORDER Structure Change

SWITCH Order Entry Request

- 1.) Sub Broker ARN Added in Filler 1

SWITCH Order Entry Response

- 1.) Sub Broker ARN Added in Filler 1

PAGE – INTENTIONALLY LEFT BLANK