

## Standardization of Exchange to Member Interface for End of Day Files – Equity Derivatives

### Version 2.0

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## 1. Revision History

Revision History		
Version	File Name/Section	Description
1.0		First Version
2.0	BSE_EQD_SPDCONTRACT_DDMMYYYY.csv	<b>Spread Contract Master</b> - It is proposed to provide file with name as BSE_EQD_SPDCONTRACT_DDMMYYYY.csv whereas currently it is provided as BSE_EQD_SPDCONTRACT_DDMMYY.csv
2.0	BSE_EQD_ITRTM_<Member Code>_yyyymmdd.csv	<b>Online Trade File</b> : In Online Trade file under Trade Status (field 2) flag "19 = Give up Trade" will reflect for CP code trade which are pending for Take- up as per Existing dissemination in old ( existing) format

## 2. File Path - Extranet Folder / Website

File	File Name	File will be available on following Path
Contract Master	BSE_EQD_CONTRACT_DDMMYYYY	<u>Existing Extranet Path</u> Home->FNO-->Common-->Month-->Date <u>Existing BSE Website Path</u> Members -> Information for Members--> Members Help Desk -> To download Contract Master file for Future and Option segment for today, click on-Contract Master file-CO.ZIP
Spread Contract Master	BSE_EQD_SPDCONTRACT_DDMMYYYY.csv	<u>Existing Extranet Path</u> Home->FNO-->Common-->Month-->Date <u>Existing BSE Website Path</u> Members -> Information for Members--> Members Help Desk -> To download Contract Master file for Future and Option segment for today, click on-Contract Master file-CO.ZIP
EOD Trade File	BSE_EQD_TM_TRADE_<XXXX>_DDMMYYYY_F.csv (where XXXX = Member Code)	<u>Existing Extranet Path</u> Home->FNO->Transaction->Month->Date
Bhav Copy	BSE_EQD_BHAVCOPY_DDMMYYYY.csv	<u>BSE Website Path</u> Markets -> Derivatives -> Downloads->Bhav Copy

### 3. Contract Master file format

File	Name	Type
Contract Master	BSE_EQD_CONTRACT_DDMMYYYY	CSV

Field No.	Field Name	Field Description	Data type	ISO Tag
1	Contract token number / Series ID	Unique Identifier for the Contract	LONG	FinInstrmId
2	Asset Token Number	Unique numeric identifier for underlying	LONG	UndrlygFinInstrmId
3	Instrument Type / Product Type	'IF' for Index Futures 'IO' for Index Options 'SF' for Stock Futures 'SO' for Stock Options	CHAR(6)	FinInstrmNm
4	Underlying Asset	Underlying Asset as defined by the Exchange. E.g.: RIL, SENSEX, TATAMOTORS	CHAR(12)	TckrSymb
5	Expiry date (last trading date)	This date is the actual last trading date of the Contract DD-MMM-YYYY	CHAR(12)	XpryDt
6	Strike Price	Default Value is '0' for Futures Contracts. Note: Value displayed in paise.	LONG	StrkPric
7	Option Type	'CE' for Call Option (European) 'PE' for Put Option (European) ' ' for Futures Contracts	CHAR(2)	OptnTp
8	Filler		CHAR(1)	PrtdToTrad
9	Minimum Lot Size	Minimum Lot Size	LONG	MinLot
10	Board Lot Quantity (Minimum Lot Size)	Board Lot Quantity	LONG	NewBrdLotQty
11	Tick Size	The value by which bid / offer would increase / decrease. Note: Value displayed in paise	LONG	BidIntrvl
12	Contract Start Date	Start Date of the Contract DD-MMM-YYYY	CHAR(12)	StartDt

13	Settlement Date (Expiry Date)	Expiry date of the contract DD-MMM-YYYY	CHAR(12)	EndDt
14	Filler		LONG	MtrtyDt
15	Filler		LONG	PdctStartDt
16	Filler		CHAR(3)	SrsId
17	Symbol / Asset Code	Asset Code For e.g.: BSX, BSI	CHAR(12)	AsstCd
18	Underlying Asset Class	Default value is 'EDX'	CHAR(4)	UndrlygInstrmAsstClss
19	Series Code		CHAR(50)	StockNm
20	Settlement Type	This is a mandatory field. Possible Values: 'D' or 'C' D -> Delivery Based settlement C -> Cash Settlement	CHAR(1)	SttlmMtd
21	Base Price	Closing Price of the respective contract note. Value displayed in paise	LONG	BasePric
22	Delete Flag	"A" for Active Contracts "E" for Expired Contracts "X" for Marked for Expiry Contracts	CHAR(1)	DelFlg
23	Contract Exercise Start Date	Last Trading Date DD-MMM-YYYY	CHAR(12)	ExrcStartDt
24	Contract Exercise End Date	Last Trading Date DD-MMM-YYYY	CHAR(12)	ExrcEndDt
25	Filler		CHAR(20)	IssdCptl
26	Filler		CHAR(25)	MinPric
27	Filler		CHAR(25)	MaxPric
28	Filler		SHORT	MktTpAndId
29	Filler		SHORT	OffclCorpActnEvtId
30	Filler		SHORT	AdmssnTp
31	Filler		INT	IssePric
32	Filler		SHORT	TradgStsNrmlMkt
33	Filler		CHAR(1)	ElgblyNrmlMkt
34	Filler		SHORT	TradgStsOddLotMkt
35	Filler		CHAR(1)	ElgblyOddLotMkt
36	Filler		SHORT	TradgStsSpotMkt
37	Filler		CHAR(1)	ElgblySpotMkt
38	Filler		SHORT	TradgStsAuctnMkt
39	Filler		CHAR(1)	ElgblyAuctnMkt
40	Filler		CHAR(1)	MrgnPctg
41	Filler		CHAR(20)	MaxTradQty

42	Filler		INT	WrngQty
43	Filler		LONG	AdmssnDt
44	Filler		LONG	RmvldDt
45	Filler		LONG	RadmssnDt
46	Filler		LONG	RcrdDt
47	Filler		LONG	NoDlvryStartDt
48	Filler		LONG	NoDlvryEndDt
49	Filler		LONG	SpclExDt
50	Filler		LONG	BookClsrStartDt
51	Filler		LONG	BookClsrEndDt
52	Filler		LONG	StockRcrdDt
53	Filler		SHORT	TckrSelctn
54	Filler		LONG	OdOffclCorpActnEvtId
55	Filler		CHAR(12)	CdtRatg
56	Filler		SHORT	Mtg
57	Filler		SHORT	IntrstOrDvdd
58	Filler		SHORT	RghtsOrBns
59	Filler		SHORT	MinFillAllOrNn
60	Filler		CHAR(25)	AddtlInf
61	Filler		CHAR(1)	OptnExrcStyle
62	Filler		CHAR(1)	ExrcAllwd
63	Filler		CHAR(1)	ExrcRjctAllwd
64	Filler		CHAR(1)	PLAllwd
65	Filler		CHAR(1)	CorpAdjstmnt
66	Filler		CHAR(10)	UndrlygInstrm
67	Precision	Default value is '2'	CHAR(1)	DcmlstnPric
68	Partition ID	The field is required for trading through ETI	INT	PartnIdr
69	Product ID/ Market Segment ID	Unique numeric Identifier for Product	INT	UnqPdctIdr
70	Capacity Group ID	Capacity group ID for each contract.	INT	CpctyGrpId
71	Instrument ID / SimpleSecurityID	The instrument Identifier is required for trading through ETI API	INT	SctyId
72	Quantity Multiplier	Lot size multiplier (1)	INT	Mltplr
73	Instrument Name		CHAR(50)	SctyLngNm
74	Underlying Market	1 – For Assets Where Underlying Market is BSE	INT	UndrlygMkt

		2 – For Assets Where Underlying Market is NSE		
75	Contract Type	M- Monthly W- Weekly Q- Quarterly H- Half Yearly	CHAR(1)	CtrctTp
76	Product Code	e.g.: SENSEXFUT, HDFCBANKOPT	CHAR(15)	FinInstrmPdctTpCd
77	Filler		SHORT	FinInstrmTp
78	Filler		CHAR(1)	TradToTradInd
79	Filler		SHORT	IndxFlg
80	Filler		SHORT	Indx
81	Filler		SHORT	IndxPrtcptnInd
82	Filler		SHORT	ExtrnlDataSrcFlg
83	Filler		LONG	LastUpd
84	Filler		CHAR(40)	FinInstrmGnlAttrbts
85	Filler		CHAR(25)	AddtlUndrlygAttrbts
86	Filler		CHAR(10)	UndrlygAsst
87	Filler		DATETIME	OrgnlXpryDt
88	Filler		SHORT	SgmtId
89	Filler		CHAR(5)	UnitOfMeasr
90	Filler		LONG	PricQtQty
91	Filler		SHORT	PricRgTp
92	Filler		SHORT	InitlMrgnTp
93	Filler		NUMERIC(20,4)	BuyInitlMrgnRate
94	Filler		LONG	MaxSnglTxnQty
95	Filler		NUMERIC(20,4)	MaxSnglTxnVal
96	Filler		SHORT	AsstClss
97	Filler		LONG	NearMnthInstrmldr
98	Filler		LONG	FarMnthInstrmldr
99	Filler		NUMERIC(20,4)	PricNmtr
100	Filler		CHAR(100)	Spcfctn
101	Filler		NUMERIC(20,4)	PricDnmtr
102	Filler		NUMERIC(20,4)	GnlNmtr
103	Filler		NUMERIC(20,4)	GnlDnmtr
104	Filler		NUMERIC(20,4)	LotNmtr
105	Filler		NUMERIC(20,4)	LotDnmtr
106	Filler		NUMERIC(10,5)	DcmlLctr
107	Filler		CHAR(2)	SttlmTp
108	Filler		LONG	ParVal
109	Filler		CHAR(50)	CorpActnRsn
110	Filler		NUMERIC(15,0)	FreeFltCptl

111	Filler		CHAR(12)	ISIN
112	Filler		NUMERIC(20,4)	SellInitlMrgnRate
113	Filler		CHAR(12)	RatgDtls
114	Filler		SHORT	FinInstrmClsfctn
115	Filler		SHORT	SpclMrgnTp
116	Filler		NUMERIC(20,4)	BuySpclMrgnRat
117	Filler		NUMERIC(20,4)	SellSpclMrgnRat
118	Filler		SHORT	InitlMrgnSprdBnftFlg
119	Filler		LONG	InstrmEndDtTm
120	Filler		CHAR(3)	Ccy
121	Filler		CHAR(7)	PdctMnth
122	Filler		SHORT	GrpId
123	Filler		SHORT	MtchgCrit
124	Filler		SHORT	SprdTp
125	Filler		CHAR(1)	ValMtd
126	Filler		CHAR(1)	SLBMEIgbilty
127	Filler		SHORT	PricMtd
128	Filler		NUMERIC(2,0)	InstrmId
129	Filler		CHAR(11)	XpryPrcDt
130	Filler		CHAR(1)	MrgnInd
131	Filler		NUMERIC(28,8)	RglrBuyMrgn
132	Filler		NUMERIC(28,8)	RglrSellMrgn
133	Filler		CHAR(1)	SprdBnftAllwd
134	Filler		NUMERIC(14,2)	DlvryWght
135	Filler		CHAR(5)	DlvryUnit
136	Filler (Available)		VARCHAR(50)	Rsvd01
137	Filler (Available)		VARCHAR(50)	Rsvd02
138	Filler (Available)		VARCHAR(50)	Rsvd03
139	Filler (Available)		VARCHAR(50)	Rsvd04
140	Filler (Available)		VARCHAR(50)	Rsvd05
141	Filler (Available)		VARCHAR(50)	Rsvd06
142	Filler (Available)		VARCHAR(50)	Rsvd07
143	Filler (Available)		VARCHAR(50)	Rsvd08
144	Filler (Available)		VARCHAR(50)	Rsvd09
145	Filler (Available)		VARCHAR(50)	Rsvd10
146	Filler (Available)		LONG	Rsvd11
147	Filler (Available)		LONG	Rsvd12
148	Filler (Available)		LONG	Rsvd13
149	Filler (Available)		LONG	Rsvd14
150	Filler (Available)		LONG	Rsvd15

#### 4. Spread Contract Master file format

File	Name	Type
Spread Contract Master	BSE_EQD_SPDCONTRACT_DDMMYYYY	CSV

Sr. No.	Field Name	Description	Data Type	ISO Tag
1	Contract token number 1 / Series ID of leg 1	Token number of leg 1 contract of the spread combination	CHAR(10)	FinInstrmIdLeg1
2	Contract token number 2 / Series ID of leg 2	Token number of leg 2 contract of the spread combination	CHAR(10)	FinInstrmIdLeg2
3	Instrument Type 1 / Product Type1	Type of product 'IF' for Index Futures 'IO' for Index Options 'SF' for Stock Futures 'SO' for Stock Options Instrument type of Leg 1 contract of spread combination	CHAR (6)	FinInstrmNmLeg1
4	Symbol 1 / Asset Code 1	Asset Code / Symbol of Leg 1 contract of spread combination example : BSX, BSI	CHAR(12)	TckrSymb1
5	Filler		CHAR(2)	SrslId1
6	ExpiryDate1	Last Trading Date of Leg 1 contract of spread combination DD-MMM-YYYY	CHAR(11)	XpryDt1
7	Strike Price Leg 1	Strike Price for spread options (In paise) 'Blank' for Futures contract	CHAR(10)	StrkPricLeg1
8	Option Type for Leg 1	'CE' for Call Option contract 'PE' for Put Option contract 'Blank' for Futures contract	CHAR(2)	OptnTpLeg1
9	Filler		NUMERIC(7)	OffclCorpActnEvtId1
10	Instrument Type 2 / Product Type2	Type of product 'IF' for Index Futures 'IO' for Index Options 'SF' for Stock Futures	CHAR (6)	FinInstrmNmLeg2

		'SO' for Stock Options Instrument type of Leg 2 contract of spread combination		
11	Symbol 2 / Asset Code 2	Asset Code / Symbol of Leg 2 contract of spread combination. example : BSX, BSI	CHAR(12)	TckrSymb2
12	Filler		CHAR(2)	SrslD2
13	Expiry Date 2	Last Trading Date of Leg 2 contract of spread combination DD-MMM-YYYY	CHAR(11)	XpryDt2
14	Strike Price Leg 2	Strike Price for spread options (In paise) 'Blank' for Futures contract	CHAR(10)	StrkPricLeg2
15	Option Type for Leg 2	'CE' for Call Option 'PE' for Put Option 'Blank' for Future Contracts	CHAR(2)	OptnTpLeg2
16	BoardLotQuantity1	Board Lot Quantity	CHAR(10)	NewBrdLotQty1
17	MinimumLotQuantity1	Minimum Lot Size	CHAR(10)	MinLot1
18	TickSize1	Tick size of leg 1 contract Note: Value displayed in paise	CHAR(10)	BidIntrvl1
19	BoardLotQuantity2	Board Lot Quantity	CHAR(10)	NewBrdLotQty2
20	MinimumLotQuantity2	Minimum Lot Size	CHAR(10)	MinLot2
21	TickSize2	Tick size of leg 2 contract Note: Value displayed in paise	CHAR(10)	BidIntrvl2
22	Eligibility	The flag will be set to 1 if the combination is allowed to trade.	CHAR(1)	Elgblty
23	Delete Flag	"A" for Active Contracts "E" for Expired Contracts "X" for Marked for Expiry Contracts	CHAR(1)	DelFlg
24	Filler		NUMERIC(7)	OffclCorpActnEvtId2
25	Filler		NUMERIC(10)	RefPric
26	Filler		NUMERIC(10)	DayLwPricDiffRg
27	Filler		NUMERIC(10)	DayHghPricDiffRg
28	Filler		NUMERIC(10)	OpngLowPricDiffRg
29	Filler		NUMERIC(10)	OpngHghPricDiffRg
30	Underlying Asset	Underlying Asset as defined by the Exchange	CHAR(11)	UndrlygInstrm
31	Filler		CHAR(12)	Rsvd

32	Spread Instrument ID/ SecurityID	The instrument Identifier is required for trading through ETI API <i>[Corresponds to field SecurityID(48) in the ETI API]</i>	LARGEINT	UndrlygFinInstrmId
33	Spread Partition ID	The field is required for trading through ETI	CHAR(10)	PartnIdr
34	Precision	Precision shall be 2 for Option Spreads. Blank for Futures	CHAR(10)	DcmlStnPrnc
35	Spread Product ID / MarketSegmentID	Unique numeric Identifier for Product <i>[Corresponds to field MarketSegmentID(1300) in the ETI API]</i>	CHAR(10)	UnqPdctIdr
36	Series Code	This is existing nomenclature of spread contract. Example: -BSX9O19S (Leg 1&2 MonthlyFuture). -BSX9OW1S (Leg1 Monthly and Leg2 WeeklyFuture). -BSX9W19W2S (Leg 1&2 WeeklyFuture).	CHAR(50)	SrsId
37	Strategy ID	15 – For Option Spread Strategy	CHAR(10)	StrtgylId
38	No of Legs in Strategy	No of Legs 2 for Option Spread Strategy	CHAR(10)	NbOfLegsInStrtgyl
39	Quantity Multiplier	Lot Size Multiplier of spread contract (will be 1)	CHAR(10)	Mltplr
40	Contract token number / Series ID of Spread Instrument	Token number of Spread contract	CHAR(16)	FinInstrmId
41	Spread Contract Instrument Type / Product Type	Type of product 'IF' for Index Futures 'IO' for Index Options 'SF' for Stock Futures 'SO' for Stock Options Instrument type of spread contract	CHAR(6)	AsstTp
42	Spread Contract Symbol / Asset Code	Asset Code as available in the. Symbol spread contract Example : BSX,BSI	CHAR(12)	TckrSymb

43	Complex Instrument type	The field is required for trading through ETI 5-Calendar Spread Instrument 2-Standard Option Strategy	CHAR(10)	FinInstrmTp
44	Expiry Date of Spread instrument	Expiry Date of Spread contract DD-MMM-YYYY	DATETIME(11)	XpryDt
45	Instrument Name	New nomenclature of spread contract. Example: -SENSEXAUGSEP20(Leg 1&2 MonthlyFuture). -SENSEXAUGSEP0720(Leg1 Monthly and Leg2 WeeklyFuture). -SENSEXAUG24SEP0720(Leg 1&2 WeeklyFuture).	CHAR(50)	FinInstrmNm
46	Spread Contract Strike Price	Strike Price of Spread Option contract. Blank for Futures	CHAR(10)	StrkPric
47	Filler (Available)		VARCHAR(50)	Rsvd01
48	Filler (Available)		VARCHAR(50)	Rsvd02
49	Filler (Available)		VARCHAR(50)	Rsvd03
50	Filler (Available)		VARCHAR(50)	Rsvd04
51	Filler (Available)		VARCHAR(50)	Rsvd05
52	Filler (Available)		VARCHAR(50)	Rsvd06
53	Filler (Available)		LONG	Rsvd07
54	Filler (Available)		LONG	Rsvd08
55	Filler (Available)		LONG	Rsvd09
56	Filler (Available)		LONG	Rsvd10

## 5. End of Day (EOD) & Online Trade file format

### Trade File Format to Trading Member

File	Name	Type
EOD Trade file	BSE_EQD_TM_TRADE_<XXXX>_DDMMYYYY_F (where XXXX = Member Code)	CSV
Online Trade File	BSE_EQD_ITRTM_<Member Code>_yyyymmdd	CSV

S. No	Field Name	Description	Data type	ISO Tag
1	Trade Number	Unique Trade Number	NUMERIC(16)	UnqTradIdr
2	Trade Status	11 - Original Trade 12 - Modified Trade 13 - Cancelled Trade 17 - Approved Trade 18 - Rejected Trade	INT	RptdTxSts
3	Filler		CHAR(10)	TckrSymb
4	Asset Code	Asset Code as available in the Trading Terminal	CHAR(12)	UndrlygFinInstrmId
5	Product Type	'IF' for Index Futures 'IO' for Index Options 'SF' for Stock Futures 'SO' for Stock Options	CHAR(6)	FinInstrmTp
6	Expiry Date	Expiry Date of the Product e.g. 26 MAY 2022. DD MMM YYYY format	CHAR(13)	XpryDt
7	Strike Price	Default Value is '0' for Futures Contracts	NUMERIC(12,4)	StrkPric
8	Option Type (Call/Put)	'CE' for Call Option (European) 'PE' for Put Option (European) 'Blank' for Futures Contracts	CHAR(2)	OptnTp
9	Series Code	Series Code as available in Trading Terminal	CHAR(50)	FinInstrmNm
10	Filler		NUMERIC(2,0)	FinInstrmId
11	Segment Indicator	'D' for Derivatives Segment	CHAR(1)	TradgVn
12	Settlement Type	'F' for Futures/ 'O' for Options	CHAR(1)	SttlmTp1
13	Product Code	Product Code as available in Trading Terminal	CHAR(15)	FinInstrmPdctTpCd
14	Filler		CHAR(2)	PlcOfTrad
15	Filler		CHAR(3)	PlcOfTradNm
16	Filler		CHAR(2)	MktTpandId
17	Filler		NUMERIC(10,0)	InstgUsr

18	Trade Buyer Terminal ID	Buy Dealer Code	CHAR(6)	BuyrTermnId
19	Trade Seller Terminal ID	Sell Dealer Code	CHAR(6)	SellrTermnId
20	Filler		CHAR(3)	BrnchId
21	Filler		CHAR(1)	BuySellInd
22	Trade Quantity	Quantity / No. of Contracts	CHAR(10)	TradQty
23	Trade Price	Price of the trade	NUMERIC(12,4)	Pric
24	Filler		NUMERIC(1)	ClntTp
25	Buy Proprietor/ Client Flag	'P' for proprietary/ 'C' for client / 'I' for Institutional accepted trades	CHAR(1)	BuyClntTp
26	Sell Proprietor/Client Flag	'P' for proprietary/ 'C' for client / 'I' for Institutional accepted trades	CHAR(1)	SellClntTp
27	Filler		CHAR(10)	AcctId
28	Buy Client Code	Buy Client Code	CHAR(11)	BuyClntId
29	Sell Client Code	Buy Client Code	CHAR(11)	SellClntId
30	Filler		CHAR(12)	CtdnPtcptId
31	Buy Custodial Participant	Valid Custodial Participant (CP) Code of Buyer, if Institution. (UCC for custodian)	CHAR(12)	BuyCtdnPtcptId
32	Buy Side Confirmation	Value "Y" or "N" indicating trade confirmed / not confirmed by CP of Institutional Buyer	CHAR(1)	BuyFullyExctdConfSnt
33	Sell Custodial Participant	Valid Custodial Participant (CP) Code of Seller, if Institution. (UCC for custodian)	CHAR(12)	SellCtdnPtcptId
34	Sell Side Confirmation	Value "Y" or "N" indicating trade confirmed / not confirmed by CP of Institutional Seller	CHAR(1)	SellFullyExctdConfSnt
35	Filler		NUMERIC(2)	SttlmTp2
36	Trade Date/Time	DD MMM YYYY HH:MM:SS	CHAR(20)	TradDtTm
37	Filler		CHAR(20)	UpdDt
38	Filler		NUMERIC(16)	OrdrRef
39	Buy Order No	Order Number of the Buy Order	CHAR(20)	BuyOrdrRef
40	Sell Order No	Order Number of the Sell Order	CHAR(20)	SellOrdrRef
41	Filler		CHAR(7)	CtrPtyId
42	Filler		CHAR(20)	OrdrDtTm
43	Filler		CHAR(15)	CTCLId
44	Trade Buyer Location ID	Buy Location ID	LARGEINT	BuyCTCLId
45	Trade Seller Location ID	Sell Location ID	LARGEINT	SellCTCLId

46	Filler		NUMERIC(11,4)	Sprd
47	Filler		CHAR(50)	AddtInf
48	Buy Remarks	Buy Remarks (Will be left blank)	CHAR(1)	BuyAddtInf
49	Sell Remarks	Sell Remarks (Will be left blank)	CHAR(1)	SellAddtInf
50	Filler		NUMERIC(15,0)	Ref
51	Filler		CHAR(7)	CtrctSttlmMnth
52	Filler		CHAR(5)	Brkr
53	Buy Broker	Trading Member (TM) Code of Buyer's Broker	CHAR(6)	BuyBrkr
54	Sell Broker	Trading Member (TM) Code of Seller's Broker	CHAR(6)	SellBrkr
55	Series ID	Unique Identifier for the Asset / Product.	CHAR(10)	SrsId
56	Buy CM Code	Valid Clearing Member (CM) Code of Buyer's Clearer	CHAR(6)	BuyClrMmbId
57	Sell CM Code	Valid Clearing Member (CM) Code of Seller's Clearer	CHAR(6)	SellClrMmbId
58	Buy Covered Uncovered Flag	Buy Cover = 'C' Buy Uncover = 'U'	CHAR(1)	BuyCvrdFlg
59	Sell Covered Uncovered Flag	Sell Cover = 'C' Sell Uncover = 'U'	CHAR(1)	SellCvrdFlg
60	Buy Old Custodial Participant	In case of a change in Custodial Participant (CP) for an Institutional Buyer, this field will contain the old CP Code. (UCC for custodian)	CHAR(12)	BuyOdCtdnPtcpt
61	Buy Old CM Code	In case of a change in Clearing Member (CM) for an Institutional Buyer, this field will contain the old CM Code.	CHAR(6)	BuyOdClrMmbId
62	Sell Old Custodial Participant	In case of a change in Custodial Participant (CP) for an Institutional Seller, this field will contain the old CP Code. (UCC for custodian)	CHAR(12)	SellOdCtdnPtcpt
63	Sell Old CM Code	In case of a change in Clearing Member (CM) for an Institutional Seller, this field will contain the old CM Code.	CHAR(6)	SellOdClrMmbId
64	Buy Position	Buy Open/ Close Indicator. "O" for Buy Open Position & "C" for Buy Close Position	CHAR(1)	BuyPos
65	Sell Position	Sell Open/ Close Indicator. "O" for Sell Open Position & "C" for Sell Close Position	CHAR(1)	SellPos
66	Buy Order Time Stamp	DD MMM YYYY HH:MM:SS	CHAR(20)	BuyOrdTmStmp

67	Sell Order Time Stamp	DD MMM YYYY HH:MM:SS	CHAR(20)	SellOrdTmStmp
68	Buy Order Active Flag	If the Buy Order is Active then "0" . For Passive Buy Order then "1"	CHAR(1)	BuyOrdTp
69	Sell Order Active Flag	If the Sell Order is Active then "0" . For Passive Sell Order then "1"	CHAR(1)	SellOrdTp
70	Filler		VARCHAR (50)	Rsvd01
71	Filler		VARCHAR (50)	Rsvd02
72	Filler		VARCHAR (50)	Rsvd03
73	Filler		VARCHAR (50)	Rsvd04
74	Filler		VARCHAR (50)	Rsvd05
75	Filler		VARCHAR (50)	Rsvd06
76	Filler		LONG	Rsvd07
77	Filler		LONG	Rsvd08
78	Filler		LONG	Rsvd09
79	Filler		LONG	Rsvd10

## 6. Bhav Copy file format

File	Name	Type
Bhav Copy	BSE_EQD_BHAVCOPY_DDMMYYYY.csv	CSV

Sr. No.	Field Name	Description	Data type	ISO Tag
1	Contract Type		Varchar(50)	FinInstrmNm
2	Symbol		Varchar(100)	TckrSymb
3	Expiry Date		Varchar(30)	XpryDt
4	Strike Price		numeric(25,7)	StrkPric
5	Option Type		character varying(5)	OptnTp
6	Filler		numeric(25,7)	PrvsClsgPric
7	Open Price		numeric(25,7)	OpnPric
8	High Price		numeric(25,7)	HghPric
9	Low Price		numeric(25,7)	LwPric
10	Close Price		numeric(25,7)	ClsPric

11	Settlement Price		numeric(25,7)	SttlmPric
12	Wt. Avg. Price		numeric(25,7)	AvrgPric
13	Contracts Traded	Total Quantity Traded	numeric(25,7)	TtlTradgVol
14	Turnover (Rs Lakhs)	Total Value Traded	numeric(25,2)	TtlTrfVal
15	Open Interest		numeric(25,2)	OpnIntrst
16	Change in OI		numeric(25,7)	ChngInOpnIntrst
17	% Change in OI		Decimal(13)	PctgChngInOpnIntrst
18	Filler		Varchar(30)	RptgDt
19	Cost of Carry % p.a.		Varchar(1)	CostOfCrryPctg
20	Margin %		Varchar(1)	MrgnPctg
21	Margin Value		Varchar(1)	Mrgn
22	Is Traded		Varchar(1)	IsTradd
23	L T Date		Varchar(30)	LastTradgDt
24	Prem/Disc		Varchar(1)	PrmOrDscnt
25	Prem/Disc(%)		Varchar(30)	PrmOrDscntPctg
26	Filler		Numeric (2,0)	TradRegnOrgn
27	Filler		Char (7)	MktTpandId
28	Filler		Numeric (2,0)	FinInstrmId
29	Filler		Numeric (11,4)	LftmHgh
30	Filler		Numeric (11,4)	LftmLw
31	Filler		Char (5)	UnitOfMeasr
32	Filler		Numeric (9,0)	TtlNbOfTxExctd
33	Filler		Char (3)	Ccy
34	Filler		VARCHAR (50)	Rsvd01
35	Filler		VARCHAR (50)	Rsvd02
36	Filler		VARCHAR (50)	Rsvd03
37	Filler		VARCHAR (50)	Rsvd04
38	Filler		VARCHAR (50)	Rsvd05

\*\*\*\*End of Document\*\*\*\*