

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

Version 2.0

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1. Revision History

Revision History		
Version	File Name/Section	Description
1.0		First Version
2.0	BSE_EQ_BHAVCOPY_DDMMYYYY.csv	Bhav copy File -Data Type of field 2 (SCRIP ID) will be increased from VARCHAR (10) to VARCHAR (12)
2.0	BSE_EQ_SCRIP_DDMMYYYY.csv	Security Master File - Additional value which will be populated in field 64 (Instrument Type) has been updated in File format

2. File path – Extranet Folder / Website

File	File Name	File will be available on following Path
Security Master	BSE_EQ_SCRIP_DDMMYYYY	<u>Existing Extranet Path</u> Home->EQ-->Common-->Month-->Date <u>Existing BSE Website Path</u> Members -> Information for Members--> Members Help Desk -> To download Scrip Master file for Equity segment, click on -> SCRIP.ZIP
EOD Provisional Trade File	BSE_EQ_TM_TRADE_<XXXX>_DDMMYYYY_P (where XXXX = Member Code)	<u>Existing Extranet Path</u> Home->EQ->Transaction->Month->Date
EOD Final Trade File	BSE_EQ_TM_TRADE_<XXXX>_DDMMYYYY_F (where XXXX = Member Code)	<u>Existing Extranet Path</u> Home->EQ->Transaction->Month->Date
Bhav Copy	BSE_EQ_BHAVCOPY_DDMMYYYY	<u>BSE website Path</u> Markets -> Equity -> End of Day Reports->Bhav Copy

3. Security Master file format

File	Name	Type
Scrip Master File	BSE_EQ_SCRIP_DDMMYYYY	CSV

S. No	Field Name	Description	Data type	ISO Tag
1	Scrip Code	Numeric identifier assigned to a security. <u>For ETI API usage</u> This field corresponds to SimpleSecurityID(30048) required for the order and Trade management	LONG	FinInstrmId
2	Security ID	This will contain Symbol of Security	CHAR (12)	TckrSymb
3	Group Name	The Settlement group of the Security	CHAR (3)	SctySrs
4	Scrip Name	The Full name of the Security	CHAR (40)	FinInstrmNm
5	ISIN Code	ISIN code for the security	CHAR (19)	ISIN
6	Market Lot	The Lot size of the security	LONGLONG	NewBrdLotQty
7	Face Value	Face value of the Security (in paisa) For example: 10 shall be displayed as 1000	LONGLONG	ParVal
8	Security Type Flag	Security Type Flag EQ – Equity Security MF – Mutual Funds DB – Debt Securities GS – Government Securities	VARCHAR (10)	SctyTpFlg
9	New Tick Size	For scrips with Instrument type as 'E', tick size shall be same as that displayed in field no 58. For scrips with Instrument type as 'D', tick size shall be same as that displayed in field no 58. For scrips with Instrument type as 'C', new tick size as applicable for scrips to be	VARCHAR (10)	BidIntrvl

		traded on clean price. Note : Mandatory change for members who trade in Clean price based Debt scrips.		
10	Graded Surveillance Measure (GSM)	100 - Not Applicable in case of non-GSM, non-S+ scrip In case if the scrip is GSM identified then, 0 - Scrips in GSM 1 - Stage 1 of GSM scrip 2 - Stage 2 of GSM scrip 3 - Stage 3 of GSM scrip 4 - Stage 4 of GSM scrip 5 - Stage 5 of GSM scrip 6 - Stage 6 of GSM scrip In case if the scrip is identified as S+ then, 0 - Stage 0 of S+ scrip 1 - Stage 1 of S+ scrip 2 - Stage 2 of S+ scrip	SHORT	TrckgInd
11	Call Auction Indicator	Indicator to identity the type of call auction session in which security participate 0 - Not part of pre-open call auction. 1- Special Pre open session (SPOS – IPO scrip) 2- Special Pre open session (SPOS – Relist scrip) 3- Periodic call auction session (PCAS) 90- Pre open call auction	SHORT	CallAuctnInd
12	BC Start Date	Book closure Start Date for security Format: YYYY-MM-DD	VARCHAR (10)	BookClsrStartDt
13	BC End Date	Book closure End Date for security Format: YYYY-MM-DD	VARCHAR (10)	BookClsrEndDt
14	No Del. Start Date	No Delivery end Date for security. Format: YYYY-MM-DD	VARCHAR (10)	NoDlvryStartDt
15	No Del. End date	No Delivery Start Date for security. Format: YYYY-MM-DD	VARCHAR (10)	NoDlvryEndDt
16	Filler	Filler	NUMERIC (15,0)	IssdCptl
17	Filler	Filler	SHORT	PrtdToTrad
18	Filler	Filler	CHAR (19)	PricRg

19	Filler	Filler	SHORT	SctyStsNrmIMkt
20	Filler	Filler	CHAR (1)	ElgbltyNrmIMkt
21	Filler	Filler	SHORT	SctyStsOddLotMkt
22	Filler	Filler	CHAR (1)	ElgbltyOddLotMkt
23	Filler	Filler	SHORT	SctyStsRETDBTMkt
24	Filler	Filler	CHAR (1)	ElgbltyRETDBTMkt
25	Filler	Filler	SHORT	SctyStsAuctnMkt
26	Filler	Filler	CHAR (1)	ElgbltyAuctnMkt
27	Filler	Filler	SHORT	SctyStsAddtlMkt1
28	Filler	Filler	CHAR (1)	ElgbltyAddtlMkt1
29	Filler	Filler	SHORT	SctyStsAddtlMkt2
30	Filler	Filler	CHAR (1)	ElgbltyAddtlMkt2
31	Filler	Filler	LONG	IsseDt
32	Filler	Filler	LONG	FrstPmtDt
33	Filler	Filler	LONG	MtrtyDt
34	Filler	Filler	SHORT	MaxTradQtyPctg
35	Filler	Filler	LONG	ListgDt
36	Filler	Filler	LONG	RmvldDt
37	Filler	Filler	LONG	RadmssnDt
38	Filler	Filler	LONG	RcrdDt
39	Filler	Filler	CHAR (1)	IndxPrtcptnInd
40	Filler	Filler	CHAR (1)	AllOrNn
41	Filler	Filler	CHAR (1)	MinFill
42	Settlement Type	1 for T+1 settlement 2 for T+2 Settlement	SHORT	SttlmTp
43	Filler	Filler	CHAR (1)	Dvdd
44	Filler	Filler	CHAR (10)	Rghts
45	Filler	Filler	CHAR (1)	Bns
46	Filler	Filler	CHAR (1)	Intrst
47	Filler	Filler	CHAR(1)	AGMtg
48	Filler	Filler	CHAR (1)	EGMtg
49	Filler	Filler	LONG	MktMakrSprd
50	Filler	Filler	LONG	MktMakrMinQty
51	Filler	Filler	CHAR (50)	AddtlInf
52	Filler	Filler	LONG	UpdDt
53	Filler	Filler	CHAR (1)	DelFlg
54	Filler		LONG	SpclExDt
55	Exchange-code	The Exchange Identifier	CHAR (4)	Xchg
56	Partition ID and Product ID	The format for the field is [PartitionID(5 char)- [Product	CHAR (19)	UnqPdctldr

		ID(5char) Eg. 2-201		
57	Scrip Type	The Settlement group of the Security	CHAR (1)	SctyTp
58	Tick Size	Tick Size of the security	FLOAT (3,2)	TickSz
59	BSE Exclusive	Y – BSE Exclusive N – BSE Non-exclusive	CHAR (1)	Rsvd01
60	Instrument status flag	The trading status of the security Possible Values Active – A Suspend – S Inactive – I	CHAR (1)	Sts
61	Ex-Div Date	Ex Div date for the security. Format: YYYY-MM-DD	CHAR (10)	ExDvddDt
62	Ex Bonus Date	Ex Bonus Date Format: YYYY-MM-DD	CHAR (10)	ExBnsDt
63	Ex Right Date	Ex Right Date Format: YYYY-MM-DD	CHAR (10)	ExRghtsDt
64	Instrument Type	E for Equity trading D for Debt scrips being traded on Dirty Price C for Debt scrips being traded on Clean Price B for Buy Back Securities traded in Equity segment	CHAR (1)	FinInstrmTp
65	Filler		SHORT	InstrmTp
66	Filler		CHAR (1)	TradgPrtd
67	Filler		CHAR (1)	BuyBckInd
68	Filler		CHAR (1)	TradToTradInd
69	Filler		SHORT	Indx
70	Filler		SHORT	IndxInstrm
71	Filler		CHAR (40)	FinInstrmAttrbts
72	Filler		SHORT	MinLot
73	Filler		CHAR (25)	UndrlygInstrmAsstClss
74	Filler		CHAR (10)	UndrlygInstrm
75	Filler		LONG	UndrlygFinInstrmId
76	Filler		CHAR (1)	BlckDealAllwdFlg
77	Filler		CHAR(6)	InstrmNm
78	Filler		SHORT	MktTpAndId
79	Filler		CHAR(5)	UnitOfMeasr
80	Filler		SHORT	PricQtQty
81	Filler		SHORT	PricRgTp
82	Filler		NUMERIC (20,4)	MaxPric

83	Filler		NUMERIC (20,4)	MinPric
84	Filler		SHORT	SttImMtd
85	Filler		SHORT	InitlMrnTp
86	Filler		NUMERIC (20,4)	BuyInitlMrnRate
87	Filler		LONG	IssePric
88	Filler		LONG	MaxSnglTxnQty
89	Filler		NUMERIC (20,4)	MaxSnglTxnVal
90	Filler		SHORT	AsstCls
91	Filler		NUMERIC (20,4)	PricNmtr
92	Filler		CHAR [100]	Spcfctn
93	Filler		NUMERIC (20,4)	PricDnmtr
94	Filler		NUMERIC (20,4)	GnlNmtr
95	Filler		NUMERIC (20,4)	GnlDnmtr
96	Filler		NUMERIC (20,4)	LotNmtr
97	Filler		NUMERIC (20,4)	LotDnmtr
98	Filler		NUMERIC (10,5)	DcmIstnPric
99	Filler		CHAR (2)	SrsSttImTp
100	Filler		NUMERIC (15,0)	FreeFltCptl
101	Filler		NUMERIC (20,4)	SellInitlMrnRate
102	Filler		CHAR (12)	RatgDtls
103	Filler		SHORT	FinInstrmClsfctn
104	Filler		SHORT	SpclMrnTp
105	Filler		NUMERIC (20,4)	BuySpclMrnRat
106	Filler		NUMERIC (20,4)	SellSpclMrnRat
107	Filler		SHORT	PreOpnAllwdFlg
108	Filler		SHORT	ClsfctnTp
109	Filler		SHORT	MtchgCrit
110	Filler		CHAR (1)	ValMtd
111	Filler		CHAR (1)	SLBMEIgbtly
112	Filler		NUMERIC (2,0)	Sgmt
113	Filler		CHAR (3)	Ccy
114	Filler		CHAR (3)	SttImCcy
115	Filler	Filler	SHORT	Rsvd02
116	Filler (Available)	FILLER2	VARCHAR (50)	Rsvd03
117	Filler (Available)	FILLER3	VARCHAR (50)	Rsvd04
118	Filler (Available)	FILLER4	VARCHAR (50)	Rsvd05
119	Filler (Available)	FILLER5	VARCHAR (50)	Rsvd06
120	Filler (Available)	FILLER6	VARCHAR (50)	Rsvd07

4. End of Day (EOD) & Online Trade file Format

Trade File to Trading Member

File	Name	Type
Provision Trade file (EOD)	BSE_EQ_TM_TRADE_<XXXX>_DDMMYYYY_P (where XXXX = Member Code)	CSV
Final Trade file (EOD)	BSE_EQ_TM_TRADE_<XXXX>_DDMMYYYY_F (where XXXX = Member Code)	CSV
Online Trade File	BSE_EQ_ITR_<Member Code>_yyyymmdd	CSV

S. No	Field Name	Description	Data type	ISO Tag
1	Trade ID	Trade ID	Numeric(16)	UnqTradIdr
2	Trade status	11 – Original trade 12 – Modified trade 13 – Cancelled Trade 17 – Approved Trade 18 – Rejected Trade	Numeric(9)	RptdTxSts
3	Scrip Code	Scrip Code	Numeric(9)	FinInstrmId
4	Symbol/Scrip Id	Scrip ID	Char(11)	TckrSymb
5	Scrip Group	Group under which the scrip is traded	Char(2)	SctySrs
6	Filler		CHAR(25)	FinInstrmNm
7	Trader ID	Trader ID	Numeric (10)	InstgUsr
8	Buy/Sell	B = Buy /S = Sell	VarChar(1)	BuySellInd
9	Qty	Quantity	VarChar(9)	TradQty
10	Rate	Rate	VarChar(15)	Pric
11	Client ID	Client Id	Char(11)	ClntId
12	CP code	Custodial Participant code of client settling through custodian	Char (15)	CtdnPtcptId
13	Filler		Char (20)	TradDtTm
14	Filler		Char (20)	UpdDt
15	Time	Trade Time	Char(8) (hh:mm:ss)	Tm
16	Date	Trade date	Char(10) (yyyy/mm/dd)	Dt
17	Trade modification Time	This field will provide trade modification time. If no trade modification has been done, this field shall reflect the original trade time.	Char (8) (hh:mm:ss)	UpdTm
18	Order ID	Order ID	Numeric(20)	OrdRef
19	Order Times Stamp	Order Time stamp	Char(20) (hh:mm:ss)	OrdDtTm
20	Location Id	Location Id of the trader	VarChar(20)	CtlId
21	Filler		Numeric(2)	FinInstrmTp

22	Filler		CHAR (6)	InstrmNm
23	Filler		VARCHAR (2)	PlcOfTrad
24	Filler		CHAR (3)	PlcOfTradNm
25	Filler		Numeric(2)	MktTpandId
26	Filler		CHAR (2)	MktTp
27	Filler		Numeric(3)	BrnchId
28	Filler		CHAR (2)	BrnchNb
29	Filler		Numeric(1)	Rsvd01
30	Filler		CHAR (1)	Rsvd02
31	Filler		Numeric(4)	AuctnId
32	Settlement Type	Settlement Type	CHAR(1)	SttlmTp
33	Filler		CHAR(7)	Rsvd03
34	Member ID	Member id	VarChar (9)	Brkr
35	CM code	CM code of TM	Numeric(9)	ClrMmbld
36	Order Type	Possible values in this field: L – Limit Order G – Market Order O– Oddlot order K – Block Deals	Char(1)	TxTp
37	Client Type	Possible values in this field: • CLIENT • OWN	Char(15)	ClntTp
38	ISIN	ISIN code for the security	Char(12)	ISIN
39	SettNo	Settlement Number	Char(12) (nnn/yyyyyyy)	SctiesSttlmTxld
40	AO/PO Flag	0 – AO (Active Orders) 1 – PO (Passive Orders)	Numeric(1)	OrdrTp
41	Session ID	Session ID corresponding to the trader ID, which is used for connecting to BSE's trading system.	Numeric (10)	TradRegnOrgn
42	CP code confirmation (Y/N)	Value "Y" or "N" indicating trade confirmed / not confirmed by custodian	Char (1)	FullyExctdConfSnt
43	Old Custodial Participant	In case of a change in Custodial Participant (CP) code, this field will contain the old CP Code	Char (15)	OldSfkpgPlcNm
44	Old Custodial Code	In case of a change in Custodial Participant (CP) code, this field will contain the old custodian code.	Numeric (9)	OldSfkpgPlcId
45	Filler		Char (50)	AddtlInf
46	Filler		CHAR (7)	Rsvd04
47	Filler		CHAR (7)	Rsvd05
48	Filler		CHAR (7)	Rsvd06

49	Filler		CHAR (7)	Rsvd07
50	Filler		VARCHAR (50)	Rsvd08
51	Filler		VARCHAR (50)	Rsvd09
52	Filler		VARCHAR (50)	Rsvd10
53	Filler		VARCHAR (50)	Rsvd11

Note : Online Trade File to Trading Member in existing format shall be available for use till June 30, 2023 after which file will be generated only in Standardized format and old (existing) files shall be discontinued.

5. Bhav Copy file format

File	Name	Type
Bhav Copy	BSE_EQ_BHAVCOPY_DDMMYYYY	CSV

S. No	Field Name	Description	Data type	ISO Tag
1	ISIN		VARCHAR2 (20)	ISIN
2	SCRIP ID		VARCHAR2 (12)	TckrSymb
3	SCRIP_CODE		Long	FinInstrmId
4	SC_NAME		Char (12)	FinInstrmNm
5	SC_GROUP		VARCHAR (2)	SctySrs
6	OPEN PRICE		NUMBER (12,4)	OpnPric
7	HIGH PRICE		NUMBER (12,4)	HghPric
8	LOW PRICE		NUMBER (12,4)	LwPric
9	CLOSING PRICE		NUMBER (12,4)	ClsPric
10	LAST	Last Trade Price	NUMBER (12,2)	LastPric
11	PREVIOUS CLOSE PRICE		NUMBER (12,4)	PrvsClsPric
12	NO_OF_SHRS	Total Quantity Traded	NUMBER (16,2)	TtlTradgVol
13	NET_TURNNOV	Total Value Traded (in Thousands)	NUMBER (17,4)	TtlTrfVal
14	TRADING_DATE	DD-MMM-YY	VARCHAR (50)	TradDt
15	NO_TRADES	Number of Trades	NUMBER (12)	TtlNbOfTxExctd
16	SC_TYPE		Char(2)	FinInstrmTp
17	TDCLOINDI		Char(2)	OffclCorpActnEvtId
18	Filler		Char(10)	RptgDt
19	Filler		Numeric (2,0)	TradRegnOrgn

20	Filler		Char (7)	MktTpandId
21	Filler		Numeric (2,0)	InstrmId
22	Filler		Char (6)	InstrmNm
23	Filler		Numeric (11,4)	FftyTwWkHgh
24	Filler		Numeric (11,4)	FftyTwWkLw
25	Filler		Char(5)	UnitOfMeasr
26	Settlement Price		Numeric (11,4)	SttlmPric
27	Filler		Numeric (11,4)	AvrgPric
28	Filler		Char(3)	Ccy
29	Filler		VARCHAR (50)	Rsvd01
30	Filler		VARCHAR (50)	Rsvd02
31	Filler		VARCHAR (50)	Rsvd03
32	Filler		VARCHAR (50)	Rsvd04

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