

PART III

Formats of various files and reports provided by the Exchange

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1. Scrip Master File

File Name	SCRIP_DDMMYY.TXT
File Type	Pipe separated ()

Sr No	Field Name	Length	Description
1	Scrip Code	Long	The numeric identifier for the security. <u>For ETI API usage</u> The field corresponds to SimpleSecurityID(30048) required for the order and Trade management For Eg. RIL : 500325,ABB: 500002
2	Exchange-code	Char[4]	The Exchange Identifier Possible Values -BSE
3	Scrip Id	Char[11]	Identifier for the security (in alpha characters) For Eg. RIL, TCS, ABB
4	Scrip Name	Char[30]	The Full name of the Security For Eg. RELIANCE, TCS LTD.
5	Partition ID and Product ID	Char[19]	The format for the field is [PartitionID(5 char)- [Product ID(5char)] Eg. 2-201 <u>For ETI API Usage</u> Partition ID -The field is required for trading through ETI API. Product ID - Unique numeric Identifier for Product. For example - value in this field shall be 2-201 In above example the value before '-' denotes partition number which is 2. And value after '-' denotes product ID which is 201 The Product ID(MarketSegmentID[1300]) and Partition ID) PartitionID[5948] for the security
6	Instrument Type	Char[1]	The segment to which the security belongs - E for Equity
7	Group Name	Char[2]	The Settlement group of the Security - For Eg. A,B,F
8	Scrip Type	Char[1]	The Type of the security : Demat -D
9	Face Value	Long Long	Face value of the Security (in paisa) For example : 10 shall be displayed as 1000
10	Market Lot	Long Long	The Lot size of the security
11	Tick Size	Float(3,2)	Tick Size of the security
12	BSE Exclusive	Char[1]	Y – BSE Exclusive

			N - BSE Non-exclusive
13	Status	Char[1]	The trading status of the security Possible Values Active - A Suspend - S Inactive - I
14	Ex-Div Date	Char[10]	Ex Div date for the security. Format :YYYY-MM-DD
15	No Del. End date	Char[10]	No Delivery end Date for security. Format :YYYY-MM-DD
16	No Del. Start Date	Char[10]	No Delivery Start Date for security. Format :YYYY-MM-DD
17	Filler	Char[6]	Not In use
18	ISIN CODE	Char[19]	ISIN code for the security
19	Call Auction Indicator	Short	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
20	BC Start Date	Char[10]	Book closure Start Date for security Format :YYYY-MM-DD
21	Ex Bonus Date	Char[10]	Ex Bonus Date Format :YYYY-MM-DD
22	Ex Right Date	Char[10]	Ex Right Date Format :YYYY-MM-DD
23	Filler	Char[10]	Not In use
24	Filler	Short	Not in Use - Set to 0
25	BC End Date	Char10	Book closure Start Date for security Format :YYYY-MM-DD
26	Filler	Short	Not in Use - Set to 0

2. DPR file

File Name	DPddmmyy
File Type	Comma separated file without extension
Frequency	Once during the day at EOD
Header	Header will contain name of columns
File Transfer Mechanism	Through DLOAD / Extranet / Website

Sr. No.	Field Name	Data Type	(Size, Precision)	Description	Valid Values
1	Security Code/ Contract Code	Number	6	Equity Security code	Example : 500325 for Reliance
2	Circuit Relax Flag (Y/N)	Char	1	<p>Circuit Relax Flag shows whether circuit relaxation is possible or not on said scrip/series.</p> <p>If flag is Y then circuit can be further relax in the same working day.</p> <p>If flag is N then circuit cannot be further relax in the same working day.</p> <p>However there could be exception cases to relax the circuit of security having circuit relax flag as N during the day.</p>	Y-Yes N-No Example : Y
3	Previous Close Price	Number	10	Close price of security/contract of previous trading day	In paisa Example : 15025 for 150.25
4	Lower Circuit (%)	Number	3	Lower circuit limit of security/contract in %	In percentage (absolute value, not in decimal) Example : 20
5	Upper Circuit (%)	Number	3	Upper circuit limit of security/contract in %	In percentage (absolute

					value, not in decimal) Example : 20
6	Lower Circuit Price	Number	10	Lower circuit limit of security/contract in absolute value	In paisa Example : 14405 for 144.05
7	Upper Circuit Price	Number	10	Upper circuit limit of security/contract in absolute value	In paisa Example : 15405 for 154.05
8	52 weeks High price	Number	10	This field shows 52 weeks high price of security. For contract this field will be 0	In paisa Example : 29000 for 290.00
9	52 weeks Low price	Number	10	This field shows 52 weeks low price of security. For contract this field will be 0	In paisa Example : 11000 for 110.00
10	Date of 52 weeks High price	Char	9	This field shows date of 52 weeks high price of security. For contract this field will be blank	Date format - ddmmyyyy Example : 22112013
11	Date of 52 weeks Low price	Char	9	This field shows date of 52 weeks low price of security. For contract this field will be blank	Date format - ddmmyyyy Example : 22112013
12	Last Trade Date	Char	9	<p>If the scrip is traded on a given date, it will have that day's date.</p> <p>If the scrip is not traded on a given date, it will have date when it was last traded.</p> <p>If no trade has taken place since the inception of the scrip, there will not be any date and it will be blank.</p>	Date format - ddmmyyyy Example : 22112013
13	Filler 1	Char	1	-	-
14	Filler 2	Char	4	-	-
15	Filler 3	Number	10	-	-
16	Filler 4	Number	10	-	-

3. Periodic Price Band file

File Name	PPBddmmyy.csv (Next Trading Date)			
File Type	Comma separated file			
Frequency	End of day			
Availability	Available on Extranet and BSE Website.			
Sr. No.	Field Name	Data Type	Description	Valid Values (Examples)
1	ScripCode	Long	Equity Security code	Example : 500325 for Reliance
2	Scrip ID	Char(11)	Identifier for the security	RIL / TCS
3	Scrip Group	Char(2)	Group code for a security	'A' / 'B'/'F'
4	ScripName	Char (30)	The Full name of the Security	Eg. RIL, TCS, ABB
5	Close Price	Long	Close price of security	In paisa Example : 15025 for 150.25
6	Daily Upper Value	Long	Daily Upper Value	In paisa Example : 16005 for 160.05
7	Daily Lower Value	Long	Daily Lower Value	In paisa Example : 14405 for 144.05
8	Weekly Upper Value	Long	Weekly Upper Value	In paisa Example : 15505 for 155.05
9	Weekly Lower Value	Long	Weekly Lower Value	In paisa Example : 14005 for 140.05
10	Monthly Upper Value	Long	Monthly Upper Value	In paisa Example : 17505 for 175.05
11	Monthly Lower Value	Long	Monthly Lower Value	In paisa Example : 13005 for 130.05

12	Quarterly Upper Value	Long	Quarterly Upper Value	In paisa Example : 19005 for 190.05
13	Quarterly Lower Value	Long	Quarterly Lower Value	In paisa Example : 12005 for 120.05
14	Yearly Upper Value	Long	Yearly Upper Value	In paisa Example : 19505 for 195.05
15	Yearly Lower Value	Long	Yearly Lower Value	In paisa Example : 11005 for 110.05
16	Final Upper Value	Long	Final Upper Value	In paisa Example : 16205 for 162.05
17	Final Lower Value	Long	Final Lower Value	In paisa Example : 15505 for 155.05
18	Filler 1	Char (20)	-	-
19	Filler 2	Char (20)	-	-
20	Filler 3	Char (40)	-	-
21	Filler 4	Char (40)	-	-
22	Filler 5	Char (50)	-	-

4. Sysbas file

File Name	Sysbas_ddmmyy
Description	Index constituent file for Basket Trading
File delimiter	comma separated file (csv file)
Header	< File creation Date:- format yyyy-mm-dd>,<Filler:-default value 0>,<no of indices>
Location	Extranet/Website/DLOAD

Main Structure

Sr. No.	Field Name	Field Type	Field Length	Remarks/Format
1	Index Code	Long	-	As per the list mentioned below
2	Index ID	Char	(15+1)	Eg :- SENSEX
3	No of constituents	Short	—	Eg :- 30

Sub-Structure

Sr. No.	Field Name	Field Type	Field Length	Remarks/Format
1	Index Code	Long		As per the list mentioned below
2	Scrip Code	Long		Constituent scrip code which belong to the respective index
3	No of shares	Long Long		No of shares (free float)

List of Indices

Index Code	Index ID
1	SENSEX
2	BSE100
3	BSE200
4	BSE500
5	BSE IT
6	BSEFMC
7	BSE CG
8	BSE CD

9	BSE HC
10	BSEPSU
11	TECK
12	BANKEX
13	AUTO
14	METAL
15	OILGAS
16	MIDCAP
17	SMLCAP
21	REALTY
22	POWER
23	BSEIPO
25	GREENX
26	CARBON
27	SMEIPO
28	INFRA
29	CPSE

Note: Dollar based index codes viz. (18, 19, 20 and 24) will not be included in the SYSBAS_ddmmyy file.

5. Corporate Action file

File Name : CORPACT_DDMMYY.TXT

Description: Corporate Action Details file for Trading System

File delimiter: Pipe Separated File

Header : # <Filename> |< File Date format dd-mm-yyyy>|

Footer : ##Number of Record | Sum of First Column (i.e. Scrip Code Column) |

Location : Extranet / Website /DLOAD

Sr No	Field Name	Field Type	Field Length	Remarks/Format
1	Scrip Code	Char	6	
2	Book Closure From	Date	8	yyyy-mm-dd
3	Book Closure To	Date	8	yyyy-mm-dd
4	Purpose/Event	Char	30	This contains purpose code* and dividend %, right , bonus ratio etc.
5	Ex-Date	Date	8	yyyy-mm-dd
6	Scrip Name	Char	12	Scrip abbreviated name
7	BC/Rd Flag	Char	2	BC = Book Closure RD = Record Date
8	Applicable for	Char	8	No Delivery applicable for date - yyyy-mm-dd
9	ND start Setl Number	Char	13	Nnn/yyyy-yyyy
10	ND end Setl number	Char	13	Nnn/yyyy-yyyy
11	Delivery settlement	Char	13	No Delivery number Nnn/yyyy-yyyy
12	Nd_start_date	Date	8	yyyy-mm-dd
13	Nd_end_date	Date	8	yyyy-mm-dd
14	Nd / ND and Ex Flag	Char	2	Y = The scrip is in 'No delivery' N = ND abolish. The scrip is ND abolished. NX – Scrip is 'ND Abolish' and its Ex Date is next business day. YX – Scrip is 'No Delivery' and its Ex Date is next business day.

NOTE:

- The file will be a full file and shall contain updated corporate action for the respective Book Closure and Record Date.
- In case if multiple purpose/event is reflected against a Book Closure or Record date, then the same will be separated by a comma.
- The Date in the nomenclature and the header of the file will be the file generation date.
- ND details viz ND start Setl Number, ND end Setl number, Delivery settlement, Nd_start_date, Nd_end_date will be populated only when the Nd / ND & Ex Flag is 'Y' or 'YX'

List of Purpose Codes and their names

Sr No.	PURPOSE CODE	PURPOSE NAME
1	AC	Accounts
2	ACT	Accounts
3	AF	Accounts
4	AGM	A.G.M.
5	AM	Amalgamation
6	AR	Audited Results
7	BGM	Buy Back of Shares
8	BN	Bonus issue
9	BOR	Redemption of Bonds
10	BPR	Redemption (Part) of Bonds
11	CDR	CDR Package
12	CS	Consolidation of Shares
13	DMF	Dividend On Mutual Fund
14	DP	Dividend
15	DPP	Dividend on Preference Shares
16	EGM	E.G.M.
17	ESC	Exchange of Share Certificate
18	ESO	Employees Stock Option Plan
19	ET	Right Issue of Equity Shares
20	ETW	Right Issue of Equity Shares with Warrants
21	FC	Conversion of FCD
22	FD	Final Dividend
23	FT	Right Issue of Fully Convertible Debentures
24	FTW	Right Issue of FCD with Warrants
25	HYR	Half Yearly Results
26	IAC	Increase in Authorised Capital
27	ID	Interim Dividend
28	IM1	General 1
29	IM2	General 2
30	IM3	General 3
31	IPB	Payment of Interest for Bonds
32	IPD	Payment of Interest
33	IPM	Income Distribution of Mutual Fund
34	IW	Issue Of Warrants
35	MC	Conversion of Mutual Fund
36	MR	Redemption of Mutual Fund
37	MT	Right Issue of Mutual Fund
38	NPR	Redemption(Part) of NCD
39	NR	Redemption of NCD

40	NT	Right Issue of Non Convertible Debentures
41	NTW	Right Issue of NCD with Warrants
42	OGM	General
43	PC	Conversion of PCD
44	PFC	Conversion of Preference Share
45	PFR	Redemption of Preference Share
46	PFT	Right Issue of Preference Shares
47	PO	Preferential Issue of shares
48	PPC	Conversion of Partly Paid up
49	PR	Redemption of PCD
50	PRP	Redemption(part) PCD
51	PT	Right Issue of Partly Convertible Debentures
52	PTW	Right Issue of PCD with Warrants
53	QR	Quarterly Results
54	RF	Re-Issue of Forfeited Equity Shares
55	RI	Rights Issue
56	ROC	Reduction of Capital
57	SA	Scheme of Arrangement
58	SD	Sub Division of Equity shares
59	SO	Spin Off
60	SS	Stock Split
61	STP	Status of Project
62	SV	Special Dividend
63	UFR	Unaudited Financial Results
64	UO	Purchase Offer
65	VGM	Voluntary Delisting of Shares
66	WC	Conversion of Warrants
67	WR	Redemption of Warrants

6. Trade file

Online Trade file

File Name: EQ_ITR_<clg.no.>_yyyymmdd.csv (where clg.no = Member Code)

S. No	Field Name	Description	Data type	
1	Mem Id	Member Id	Numeric(9)	
2	TdrId	Trader Id	Numeric(9)	
3	SCd	Scrip Code	Numeric(9)	
4	ScId	Scrip Id	Char(11)	
5	Rt	Rate	Numeric(10)- (rate will be in paise)	
6	Qty	Quantity	Numeric(9)	
7	Trade status	11 – Original trade	Numeric(9)	
		12 – Modified trade		
8	Filler	Will contain zero value.	Numeric(9)	
9	Time	Trade execution Time	Char(8)	(hh:mm:ss)
10	Date	Date	Char(10) (yyyy/mm/dd)	
11	CIId	Client Id	Char(11)	
12	TrnId	Transaction Id (Order ID)	Numeric(20)	
13	Trn Typ	Transaction Type	Char(1)	
14	Buy/Sell	Buy or Sell	Char(1)	
15	Trade Id	Trade Id	Numeric(10)	
16	Inst Id	Institution Id	Char(15)	
17	ISINCd	ISIN Code	Char(12)	
18	ScrGrp	Scrip Group	Char(2)	
19	SettNo	Settlement Number	Char(12) (nnn/yyyyyyyy)	
20	OrdTimestamp	Order Time stamp	Char(8)	(hh:mm:ss)
21	AO/PO Flag	AO or PO flag -	Numeric(1)	
		0 – AO (Active Orders) flag		
		1 – PO (Passive Orders) flag		
22	LocationId	Location Id	Numeric(16)	
23	Trade modification Time	This field will provide trade	Char (8) (hh:mm:ss)	
		Modification time. If no trade		

		modification has been done, this field shall reflect the		
		Original trade time.		

Provisional Trade file

File Name: PBR<ddmmyy>.<xxx> (where xxx = Member Code)

S. No	Field Name	Description	Data type
1	Mem Id	Member Id	Numeric(9)
2	TdrId	Trader Id	Numeric(9)
3	SCd	Scrip Code	Numeric(9)
4	ScId	Scrip Id	Char(11)
5	Rt	Rate	Numeric(10)- (rate will be in paise)
6	Qty	Quantity	Numeric(9)
7	Trade status	11 – Original trade	Numeric(9)
		12 – Modified trade	
8	Filler	Will contain zero value.	Numeric(9)
9	Time	Trade execution Time	Char(8)
10	Date	Date	Char(10) (yyyy/mm/dd)
11	CIId	Client Id	Char(11)
12	TrnId	Transaction Id (Order ID)	Numeric(20)
13	Trn Typ	Transaction Type	Char(1)
14	Buy/Sell	Buy or Sell	Char(1)
15	Trade Id	Trade Id	Numeric(10)
16	Inst Id	Institution Id	Char(15)
17	ISINCd	ISIN Code	Char(12)
18	ScrGrp	Scrip Group	Char(2)
19	SettNo	Settlement Number	Char(12) (nnn/yyyyyyyy)
20	OrdTimestamp	Order Time stamp	Char(8)
21	AO/PO Flag	AO or PO flag -	Numeric(1)
		0 – AO (Active Orders) flag	
		1 – PO (Passive Orders) flag	
22	LocationId	Location Id	Numeric(16)
23	Trade modification Time	This field will provide trade	Char (8) (hh:mm:ss)

		Modification time. If no trade	
		modification has been done,	
		this field shall reflect the	
		Original trade time.	

Final Trade file

File Name: BR<ddmmy>.<xxx> (where xxx = Member Code)

S. No	Field Name	Description	Data type
1	Mem Id	Member Id	Numeric(9)
2	TdrId	Trader Id	Numeric(9)
3	SCd	Scrip Code	Numeric(9)
4	ScId	Scrip Id	Char(11)
5	Rt	Rate	Numeric(10)- (rate will be in paise)
6	Qty	Quantity	Numeric(9)
7	Trade status	11 – Original trade	Numeric(9)
		12 – Modified trade	
8	Filler	Will contain zero value.	Numeric(9)
9	Time	Trade execution Time	Char(8)
10	Date	Date	Char(10) (yyyy/mm/dd)
11	CIId	Client Id	Char(11)
12	TrnId	Transaction Id (Order ID)	Numeric(20)
13	Trn Typ	Transaction Type	Char(1)
14	Buy/Sell	Buy or Sell	Char(1)
15	Trade Id	Trade Id	Numeric(10)
16	Inst Id	Institution Id	Char(15)
17	ISINCd	ISIN Code	Char(12)
18	ScrGrp	Scrip Group	Char(2)
19	SettNo	Settlement Number	Char(12) (nnn/yyyyyyyy)
20	OrdTimestamp	Order Time stamp	Char(8)
21	AO/PO Flag	AO or PO flag-	Numeric(1)
		0 – AO (Active Orders) flag	
		1 – PO (Passive Orders) flag	
22	LocationId	Location Id	Numeric(16)

23	Trade modification Time	This field will provide trade	Char (8) (hh:mm:ss)
		modification time. If no	
		trade	
		modification has been	
		done,	
		this field shall reflect the	
		original trade time.	

7. Transaction Charges Report

[Transaction Charges Report](#)

8. Transaction Charges Report for Securities Traded In Physical Mode

[Report for Transactions in securities traded in Physical mode](#)

9. STT File Format Report

[Report for STT File Formats](#)