

PAKISTAN STOCK EXCHANGE

KATS TWS Download Specifications



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Document Change Log

Refer to this table to make sure you haven't missed the latest information

Date (yy/mm/dd)	Changed By	Description of Change	Reason for Change
2009/07/07	I.T. Division	Initial Document	
2009/10/31	I.T. Division	Trading Sessions	Market Timings Change
2009/11/10	I.T. Division	Annexes 'B' – Sample Data	Trade Log Sample Added
2010/07/26	I.T. Division	Daily Activity and trade Log for NDM added and its samples	NDM Market change
2010/07/27	I.T. Division	Addition of NDM Market in annexes 'A' and removed spaces for sample Activity Log	NDM Market change
2010/10/21	I.T. Division	Addition of NDM Trade Summary and its sample	NDM Market change
2011/03/10	I.T. Division	Addition of Leverage Buy Identifier in KATS Downloads	Leverage Buy Identifier
2011/07/07	I.T. Division	Addition of transaction & settlement dates in KATS NDM downloads of activity & trade logs	Transaction & settlement dates addition

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General Principles

1.1 Trading Session

Hours of Operations

The trading system is accessible from:

Trading Timing			
	Mon - Thurs	Friday	
		First Session	Second Session
Regular (Pre-Open)	9:15 AM - 9:30 AM	9:15 AM - 9:30 AM	2:15 PM - 2:30 PM
Regular (Open)	9:30 AM - 3:30 PM	9:30 AM - 12:30 PM	2:30 PM - 4:30 PM
Regular (Suspend)	3:30 PM	12:30 PM	4:30 PM
Square-up (Pre-Open)	11:30 AM - 12:00 PM	11:00 AM - 11:30 AM	-
Square-up (Open - Close)	12:00 PM	11:30 AM	-
Bills & Bonds (Open)	9:30 AM - 3:30 PM	9:30 AM - 12:30 PM	2:30 PM - 4:30 PM
Bills & Bonds (Suspend)	3:30 PM	12:30 PM	4:30 PM

Business Day

The trading system is accessible on every business day from Monday (☞) to Friday (☞) inclusive, excluding statutory holidays.

Both of the above may change depending on the individual market, and any holidays or extra sessions added.

2 KATS Downloads

2.1 Outstanding Orders

S/No	Field Name	Description	Sample Values
1	Sequence Number	Running Counter	"1"
2	Reserved	Reserved for future use	"1"
3	Symbol Code	Scrip / Security / Symbol Code	"ABL"
4	Market Code	Market Code	"REG"
5	Transaction Type	Order Transaction Type	"Buy" or "Sell"
6	Order Type	Order Type	"Order"
7	Order Volume	Order Volume	"500"
8	Order Price/Rate	Order Price or Order Rate	"12.0000"
9	Trigger Price/Rate	Trigger Price or Trigger Rate	"12.1000" or ""
10	Account	Client Account Number	"A211"
11	Settlement Flag	Symbol Settlement Flag	"RDY"
12	Reserved	Reserved for future use	""
13	Reserved	Reserved for future use	"0"
14	Reserved	Reserved for future use	"0"
15	TIF	Time in Force	"DAY"
16	Today Date	Today's Date	"30/6/2009"
17	Reserved	Reserved for future use	""
18	Reserved	Reserved for future use	"910"
19	Short Sell Indicator	Short Sell Indicator "1" in case of short sell order	"0" or "1"
20	User Order Number	User entered order number	"E0109121"
21	Reserved	Reserved for future use	"180"
22	Trader Id	Effective Trader Identification	"MEM55501"
23	Reserved	Reserved for future use	"0"
24	Reserved	Reserved for future use	""

2.2 Daily Trade Log

S/No	Field Name	Description	Sample Values
1	Trader Id	Effective Trader Id	'MEM55501'
2	Market Code	Market Code	"REG"
3	Symbol Code	Scrip / Security / Symbol Code	"PTC"
4	Account	Client Account Number	"A21"
5	Counter	Counter Trader Id	"MEM55502"
6	Time	Trade Time	"12:40:48"
7	Order No	KATS or House Order Number	"BC002"
8	Action	Trade Action	"Filled"
9	Transaction Type	Order Transaction Type	"Buy"
10	Fill Volume	Traded Volume	"500"
11	Remaining Volume	Remaining Volume	"500"
12	Total Volume	Order Volume	"1000"
13	Price/Rate	Trade Price / Rate	"17.2100"
14	Flag	Order Flag	"dc"
15	TICKET Number	Trade Ticket Number	"1000003"
16	Reserved	Reserved for future use	" "
17	Reserved	Reserved for future use	" "
18	Total Value	Total Traded Value	"8605.0000"

2.3 Daily Activity Log

S/No	Field Name	Description	Values
1	Trader Id	Effective Trader Id	"MEM55502"
2	Market Code	Market Code	"REG"
3	Symbol Code	Scrip/Security/Symbol Code	"PTC"
4	Account	Client Account Number	"A21"
5	Time	Activity Time	"12:40:48"
6	Order No	KATS or House Order Number	"1001211"
7	Action Code	Activity Action	"Filled"
8	Transaction Type	Order Transaction Type	"BUY"
9	Total Volume	Order Volume	"1000"
10	Price/Rate	Price / Rate	"17.2100"
11	Flag	Order Flag	"dc"
12	Fill Volume	Traded Volume	"500"
13	Remaining	Remaining Volume	"500"
14	Ticket	Trade Ticket Number	"21211234" or ""
15	Trade With	Counter Party	"MEM55501"
16	Reserved	Reserved for future use	""
17	Reserved	Reserved for future use	""
18	Total Value	Total Value of Remaining Volume	"8605.0000"

2.4 Market Summary

S/No	Field Name	Description	Values
1	Symbol Code	Scrip/Security/Symbol Code	"ABLTFC"
2	Volume	Volume Traded	"4000"
3	Value	Value Traded	"16336288.4000"
4	Last Close Price	Last Day Close Price / Rate	"85.0000"
5	High	High Price / Rate	"87.0000"
6	Low	Low Price / Rate	"80.0000"
7	Open	Open Price / Rate	"80.0000"
8	Close	Close Price / Rate	"80.0000"
9	Average	Average Price / Rate	"4021.6346"
10	Trades	Total Trades	"4"
11	PVolTraded	Percent Volume Traded	"50.0000"
12	PValTraded	Percent Value Traded	"56.6754"

2.5 Price List

S/No	Field Name	Description	Values
1	Symbol Code	Scrip/Security/Symbol Code	"UBLTFC-II"
2	Market	Market Code	"BNB"
3	Last Close Price	Last Day Close Price / Rate	"0.0000"
4	Open	Open Price / Rate	"77.0000"
5	High	High Price / Rate	"77.0000"
6	Low	Low Price / Rate	"77.0000"
7	Close	Close Price / Rate	"77.0000"
8	Direction	Price / Rate Change Direction	"+" or "-" or "="
8	Change	Price / Rate Change	"77.0000"
9	Trades	Total Trades	"2"
10	Volume	Total Volume Traded	"2000"
11	Value	Total Value Traded	"7945728.4000"

2.6 Price Summary

Price Summary file will contain file description followed by different price level summary

S/No	Field Name	Description	Values
1	Price	Trade Price / Rate	"22.0000"
2	Trades	Total Trades	"1"
3	Volume	Total Volume Traded	"1000"
4	Value	Total Value Traded	"22000"

2.7 Top 10 Scrips

Top 10 Scrips file will contain file description followed by top 10 Symbols by volume

S/No	Field Name	Description	Values
1	Symbol Code	Scrip/Security/Symbol Code	"ABLTFC"
2	Volume	Total Volume Traded	"4000"
3	Trades	Total Trades	"4"
4	Value	Total Value Traded	"16336288.4"
5	Change	Price / Rate Change	"85"

2.8 Gainers / Losers

S/No	Field Name	Description	Values
1	Symbol Code	Scrip/Security/Symbol Code	"ABLTFC"
2	Last Close Price	Last Day Close Price / Rate	"85.0000"
3	Price	Price / Rate	"89.0000"
4	Change	Price / Rate Change	"4.0000"

2.9 Daily Trade Log (NDM)

S/No	Field Name	Description	Sample Values
1	Trader Id	Effective Trader Id	'MEM55501'
2	Market Code	Market Code	"NDM"
3	Symbol Code	Scrip / Security / Symbol Code	"PTC"
4	Account	Client Account Number	"A21"
5	Counter	Counter Trader Id	"MEM55502"
6	Time	Trade Time	"12:40:48"
7	Order No	KATS or House Order Number	"BC002"
8	Action	Trade Action	"Filled"
9	Transaction Type	Order Transaction Type	"Buy"
10	Fill Volume	Traded Volume	"500"
11	Remaining Volume	Remaining Volume	"500"
12	Total Volume	Order Volume	"1000"
13	Price/Rate	Trade Price / Rate	"17.2100"
14	Flag	Order Flag	"dc"
15	TICKET Number	Trade Ticket Number	"1000003"
16	Reserved	Reserved for future use	" "
17	Reserved	Reserved for future use	" "
18	Total Value	Total Traded Value	"8605.0000"
19	Counter Account	Counter Account	"A31"
20	Transaction Date	Transaction Date	"07/07/2011"
21	Settlement Date	Settlement Date	"07/07/2011"

2.10 Daily Activity Log (NDM)

S/No	Field Name	Description	Values
1	Trader Id	Effective Trader Id	"MEM55502"
2	Market Code	Market Code	"NDM"
3	Symbol Code	Scrip/Security/Symbol Code	"PTC"
4	Account	Client Account Number	"A21"
5	Time	Activity Time	"12:40:48"
6	Order No	KATS or House Order Number	"1001211"
7	Action Code	Activity Action	"Filled"
8	Transaction Type	Order Transaction Type	"BUY"
9	Total Volume	Order Volume	"1000"
10	Price/Rate	Price / Rate	"17.2100"
11	Flag	Order Flag	"dc"
12	Fill Volume	Traded Volume	"500"
13	Remaining	Remaining Volume	"500"
14	Ticket	Trade Ticket Number	"21211234" or ""
15	Trade With	Counter Party	"MEM55501"
16	Reserved	Reserved for future use	""
17	Reserved	Reserved for future use	""
18	Total Value	Total Value of Remaining Volume	"8605.0000"
19	Counter Account	Counter Account	"A31"
20	Transaction Date	Transaction Date	"07/07/2011"
21	Settlement Date	Settlement Date	"07/07/2011"

2.11 Trade Summary (NDM)

S/No	Field Name	Description	Values
1	Time	Trade Time	"11:39:26"
2	Symbol Code	Scrip/Security/Symbol Code	"RBS"
3	Volume	Traded Volume	"901"
4	Rate	Traded Rate	"22.00"
5	Buyer	Buyer House	"007"
6	Buyer Account	Buyer Account	"CL1"
7	Seller	Seller House	"003"
8	Seller Account	Seller Account	"CL2"

3 Annexes 'A' – Data Codes

3.1 Markets

REG	Regular Market
FUT	Future Market
IPO	Initial Public Offering Market (Provisional)
CSF	Cash Settled Future
SIF	Stock Index Future
SQR	Square-Up Market
BNB	Bills & Bond Market
NDM	Negotiated Deal Market

3.2 Settlement Flag

RDY	Ready
SPT	Spot

3.3 Order Types

Order	Normal Day
GTW	Good Till Week
GTM	Good Till Month
GTC	Good Till Cancel or Good Till Year
StopLoss	Stop Loss
MIT	Market If Touch
LBuy or LBUY	Leverage Buy

3.4 Order Transaction Type

“Buy” or “BUY”	Buy Order
“Sell” or “SELL”	Sell Order
“Buy Sus”	Buy Suspended Order
“Sell Sus”	Sell Suspended Order
“Short Sell” or “SHORT SELL”	Short Sell Order
“Short Sell Sus”	Short Sell Suspended Order
“LBuy” or “LBUY”	Leverage Buy *

* In case of Activity or Trade Log downloads only

3.5 Activity Action

Filled	Filled, due to trade
Queued	Queued, reply after order booking
Suspended	Suspend, reply after order suspension
Resumed	Resume, reply after order resuming
Changed	Changed, reply after changing former order
Cancelled	Cancelled, reply after cancelling order
Accepted	Accepted, when order is accepted in case of SL/MIT
FOK	Filled or Kill action
Rej On Resume	Reject on Resume
Global Cancelled	Global Cancel
Global Suspended	Global Suspended
Global Resumed	Global Resume

3.6 Time in Force

DAY	Day
GTW	Good Till Week
GTM	Good Till Month
GTC	Good Till Cancel or Good Till Year

4 Annexes 'B' – Sample Data

4.1 Outstanding Order

```
"1", "1", "TELETFCC", "BNB", "Buy", "Order", "1500", "86.0000", "", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"2", "1", "PTC", "Reg", "Buy", "Order", "2000", "17.10", "", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"3", "1", "ABLTFC", "BNB", "Sell", "Sus", "Order", "1000", "86.0000", "", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"4", "1", "ABLTFC", "BNB", "Sell", "Order", "2000", "86.0000", "", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"5", "1", "PTC", "Reg", "Buy", "Sus", "StopLoss", "1000", "17.20", "17.10", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"6", "1", "TELETFCC", "BNB", "Buy", "Sus", "Order", "1000", "86.0000", "", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"7", "1", "PTC", "Reg", "Buy", "MIT", "1000", "17.00", "17.00", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"8", "1", "HUBC", "Reg", "Short Sell", "Order", "1000", "27.00", "", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "1", "", "180", "MEM55501", "0", ""
"9", "1", "TELETFCC", "BNB", "Buy", "StopLoss", "1000", "87.0000", "86.0000", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"10", "1", "PTC", "Reg", "Buy", "Order", "1000", "17.00", "", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"11", "1", "TELETFCC", "BNB", "Buy", "MIT", "1000", "84.0000", "84.1000", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"12", "1", "PTC", "Reg", "Buy", "Order", "1000", "17.10", "", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"13", "1", "AZLMTFC-II", "BNB", "Buy", "GTM", "1000", "10.0000", "gtm", "0001", "RDY", "", "0", "0", "GTM", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"14", "1", "AZLMTFC-II", "BNB", "Buy", "GTM", "1500", "9.0000", "gtm", "0001", "RDY", "", "0", "0", "GTM", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"15", "1", "AZLMTFC-II", "BNB", "Buy", "GTC", "1000", "10.0000", "gtc", "0001", "RDY", "", "0", "0", "GTC", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"16", "1", "HBLTFC-III", "BNB", "Buy", "Order", "2000", "77.0000", "", "0001", "SPT", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"17", "1", "HBLTFC-III", "BNB", "Buy", "Order", "1000", "77.0000", "", "0001", "RDY", "", "0", "0", "DAY", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"18", "1", "OGDC-CMAY", "CSF", "Buy", "Order", "1000", "77.00", "77.00", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"19", "1", "OGDC-CMAY", "CSF", "Buy", "StopLoss", "1000", "77.10", "77.00", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
"20", "1", "OGDC-CMAY", "CSF", "Buy", "MIT", "1000", "76.00", "76.00", "0001", "177", "", "0", "0", "160", "6/7/2009", "", "910", "0", "", "180", "MEM55501", "0", ""
```

4.2 Daily Trade Log

Daily Trade Log for 10/11/2009, from 00:00:00 to 23:59:00 as per 10/11/2009, 16:25:59

```
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:21:40", "1002", "Filled", "Buy", "1000", "0", "1000", "21.00", "dc", "1002", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:21:40", "1005", "Filled", "Sell", "1000", "0", "1000", "21.00", "dc", "1002", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:21:43", "1003", "Filled", "Buy", "1000", "0", "1000", "21.00", "dc", "1003", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:21:43", "1006", "Filled", "Sell", "1000", "0", "1000", "21.00", "dc", "1003", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:21:45", "1004", "Filled", "Buy", "1000", "0", "1000", "21.00", "dc", "1004", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:21:45", "1007", "Filled", "Sell", "1000", "0", "1000", "21.00", "dc", "1004", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:22:31", "1010", "Filled", "Buy", "1000", "0", "1000", "21.00", "dc", "1005", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:22:31", "1008", "Filled", "Sell", "1000", "0", "1000", "21.00", "dc", "1005", "", "", "21000.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:22:34", "1011", "Filled", "Buy", "1000", "0", "1000", "21.40", "dc", "1006", "", "", "21400.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:22:34", "1009", "Filled", "Short Sell", "1000", "0", "1000", "21.40", "hdc", "1006", "", "", "21400.0000"
"MEM01501", "Reg", "PTC", "1844", "MEM01501", "16:22:34", "1021", "Filled", "LBuy", "1000", "0", "1000", "21.40", "dc", "1006", "", "", "21400.0000"
```

4.3 Daily Activity Log

Daily Activity Log for 07/07/2009 from 00:00:00 to 23:59:00 as per 07/07/2009, 12:59:33

```
"MEM55501", "BNB", "TELETFCC", "0001", "11:30:10", "1001", "Queued", "BUY", "1500", "86.0000", "dc", "", "1500", "", "", "", "3071523.3483"
"MEM55501", "BNB", "ABLTFC", "0001", "11:30:25", "1002", "Queued", "SELL", "1000", "86.0000", "dc", "", "1000", "", "", "", "4321334.6137"
"MEM55501", "BNB", "ABLTFC", "0001", "11:30:47", "1002", "Suspended", "SELL", "1000", "86.0000", "idc", "", "1000", "", "", "", "4321334.6137"
"MEM55501", "REG", "PTC", "0001", "11:28:06", "1002", "Changed", "BUY", "2000", "17.1000", "dc", "", "2000", "", "", "", "34200.0000"
"MEM55501", "REG", "PTC", "0001", "11:20:10", "1002", "Queued", "BUY", "1000", "17.1000", "dc", "", "1000", "", "", "", "17100.0000"
"MEM55501", "REG", "PTC", "0001", "11:29:40", "1003", "Suspended", "BUY", "1000", "17.2000", "ildc", "", "1000", "", "", "", "17200.0000"
"MEM55501", "BNB", "ABLTFC", "0001", "11:30:40", "1003", "Queued", "SELL", "2000", "86.0000", "dc", "", "2000", "", "", "", "8642669.2274"
"MEM55501", "REG", "PTC", "0001", "11:28:57", "1003", "Suspended", "BUY", "1000", "17.2000", "ildc", "", "1000", "", "", "", "17200.0000"
"MEM55501", "REG", "PTC", "0001", "11:29:26", "1003", "Resumed", "BUY", "1000", "17.2000", "ildc", "", "1000", "", "", "", "17200.0000"
"MEM55501", "REG", "PTC", "0001", "11:20:35", "1003", "Accepted", "BUY", "1000", "17.2000", "ildc", "", "1000", "", "", "", "17200.0000"
"MEM55501", "REG", "PTC", "0001", "11:23:15", "1004", "Accepted", "BUY", "1000", "17.0000", "imdc", "", "1000", "", "", "", "17000.0000"
"MEM55501", "BNB", "TELETFCC", "0001", "11:31:06", "1004", "Queued", "BUY", "1000", "86.0000", "dc", "", "1000", "", "", "", "2047682.2322"
"MEM55501", "BNB", "TELETFCC", "0001", "11:31:31", "1004", "Suspended", "BUY", "1000", "86.0000", "idc", "", "1000", "", "", "", "2047682.2322"
"MEM55501", "REG", "HUBC", "0001", "11:27:28", "1005", "Queued", "SHORT SELL", "1000", "27.0000", "hdc", "", "1000", "", "", "", "27000.0000"
"MEM55501", "BNB", "TELETFCC", "0001", "11:35:09", "1005", "Accepted", "BUY", "1000", "87.0000", "ildc", "", "1000", "", "", "", "2071203.8322"
"MEM55501", "REG", "PTC", "0001", "12:32:20", "1006", "Queued", "BUY", "1000", "17.0000", "dc", "", "1000", "", "", "", "17000.0000"
"MEM55501", "BNB", "TELETFCC", "0001", "11:36:12", "1006", "Accepted", "BUY", "1000", "84.0000", "imdc", "", "1000", "", "", "", "2000639.0322"
"MEM55501", "REG", "PTC", "0001", "12:32:37", "1006", "Queued", "BUY", "1000", "17.1000", "dc", "", "1000", "", "", "", "17100.0000"
"MEM55501", "BNB", "AZLMTFC-II", "0001", "11:37:11", "1007", "Queued", "BUY", "1000", "10.0000", "gtm", "", "1000", "", "", "", "177964.3836"
"MEM55501", "BNB", "AZLMTFC-II", "0001", "11:37:11", "1007", "Filled", "BUY", "1000", "10.0000", "gtm", "1000", "", "1001", "", "", "177964.3836"
"MEM55501", "BNB", "AZLMTFC-II", "0001", "11:37:23", "1008", "Queued", "BUY", "1000", "10.0000", "gtm", "", "1000", "", "", "", "177964.3836"
"MEM55501", "BNB", "AZLMTFC-II", "0001", "11:37:53", "1009", "Queued", "BUY", "1500", "9.0000", "gtm", "", "1500", "", "", "", "241446.5753"
"MEM55501", "BNB", "AZLMTFC-II", "0001", "11:38:01", "1010", "Queued", "BUY", "1000", "10.0000", "gtc", "", "1000", "", "", "", "177964.3836"
"MEM55501", "BNB", "HBLTFC-III", "0001", "12:45:19", "1011", "Queued", "BUY", "2000", "77.0000", "Ydc", "", "2000", "", "", "", "7945728.4800"
"MEM55501", "BNB", "HBLTFC-III", "0001", "12:45:30", "1012", "Queued", "BUY", "1000", "77.0000", "idc", "", "1000", "", "", "", "4044502.1342"
"MEM55501", "CSF", "OGDC-CMAY", "0001", "11:25:10", "6002", "Queued", "BUY", "1000", "77.0000", "dc", "", "1000", "", "", "", "77000.0000"
"MEM55501", "CSF", "OGDC-CMAY", "0001", "11:25:34", "6003", "Accepted", "BUY", "1000", "77.1000", "ildc", "", "1000", "", "", "", "77100.0000"
"MEM55501", "CSF", "OGDC-CMAY", "0001", "11:26:01", "6004", "Accepted", "BUY", "1000", "76.0000", "imdc", "", "1000", "", "", "", "76000.0000"
"MEM55501", "REG", "PTC", "0001", "12:28:06", "1007", "Queued", "LBUY", "2000", "17.1000", "dc", "", "2000", "", "", "", "34200.0000"
"MEM55501", "REG", "PTC", "0001", "12:29:06", "1007", "Suspended", "LBUY", "2000", "17.1000", "idc", "", "2000", "", "", "", "34200.0000"
"MEM55501", "REG", "PTC", "0001", "12:30:06", "1007", "Resumed", "LBUY", "2000", "17.1000", "dc", "", "2000", "", "", "", "34200.0000"
```

4.4 Market Summary

Market Summary for 30/06/2009 as per 30/06/2009, 15:44:33

```
"ANLTFC", "308000", "405570109.4000", "0.0000", "145.5000", "3.4500", "125.0000", "3.4500", "1668.6711", "111", "0.6466", "0.3961"
"ANLTFC", "110000", "296602937.5000", "0.0000", "149.5000", "95.5000", "125.5000", "98.5000", "2682.1318", "110", "0.2309", "0.2897"
"AZLMTFC-II", "2264000", "322191805.8000", "0.0000", "149.0000", "10.0000", "125.0000", "125.0000", "10.0000", "142.2951", "206", "4.7532", "0.3147"
"BAHLTFC", "1000000", "322640710.0000", "0.0000", "145.5000", "99.5000", "124.5000", "99.5000", "3206.7217", "100", "0.2099", "0.3151"
"BAHLTFC-II", "1040000", "325010933.2000", "0.0000", "148.0000", "97.0000", "124.0000", "100.0000", "3250.6632", "104", "0.2183", "0.3322"
"OLPLTFC", "1040000", "325064594.4000", "0.0000", "147.5000", "97.5000", "123.5000", "100.5000", "3107.1737", "104", "0.2183", "0.3175"
"SEARLTFC", "246000", "188220432.8000", "0.0000", "144.0000", "3.4500", "123.0000", "3.4500", "908.7101", "99", "0.5165", "0.1838"
"SNBLTFC", "104000", "324849699.2000", "0.0000", "148.0000", "97.0000", "122.5000", "97.0000", "3106.7772", "104", "0.2183", "0.3173"
```


Karachi Automated Trading System

"TELETFC", "104000", "156491008.4000", "0.0000", "147.5000", "97.5000", "123.0000", "97.5000", "1497.0153", "104", "0.2183", "0.1528"
"TRIBLFC", "100000", "98167615.0000", "0.0000", "145.5000", "99.5000", "123.5000", "102.5000", "976.0344", "100", "0.2099", "0.0959"
"UBLTFC-II", "104000", "331325396.8000", "0.0000", "146.5000", "98.5000", "124.0000", "103.0000", "3165.5732", "104", "0.2183", "0.3236"
"UBLTFC-III", "104000", "335019440.0000", "0.0000", "146.0000", "99.0000", "124.5000", "103.5000", "3200.5166", "104", "0.2183", "0.3272"

4.5 Price List

```
"ABLTFC","BNB","0.0000","125.0000","145.5000","3.4500","3.4500","+","3.4500","111","308000","405570109.4000"
"ANLTFC","BNB","0.0000","125.5000","149.5000","95.5000","98.5000","+","98.5000","110","110000","296602937.5000"
"AZLMTFC-II","BNB","0.0000","125.0000","149.0000","10.0000","10.0000","+","10.0000","206","2264000","322191805.8000"
"BAHLTFC","BNB","0.0000","124.5000","145.5000","99.5000","99.5000","+","99.5000","100","100000","322640710.0000"
"BAHLTFC-II","BNB","0.0000","124.0000","148.0000","97.0000","100.0000","+","100.0000","104","104000","340109333.2000"
"OLPLTFC","BNB","0.0000","123.5000","147.5000","97.5000","100.5000","+","100.5000","104","104000","325064594.4000"
"SEARLTFC","BNB","0.0000","123.0000","144.0000","3.4500","3.4500","+","3.4500","99","246000","188220432.8000"
"SNBLTFC","BNB","0.0000","122.5000","148.0000","97.0000","97.0000","+","97.0000","104","104000","324849699.2000"
"TELETFC","BNB","0.0000","123.0000","147.5000","97.5000","97.5000","+","97.5000","104","104000","156491008.4000"
"TRBLTFC","BNB","0.0000","123.5000","145.5000","99.5000","102.5000","+","102.5000","100","100000","98167615.0000"
"UBLTFC-II","BNB","0.0000","124.0000","146.5000","98.5000","103.0000","+","103.0000","104","104000","331325396.8000"
"UBLTFC-III","BNB","0.0000","124.5000","146.0000","99.0000","103.5000","+","103.5000","104","104000","335019440.0000"
```

4.6 Price Summary

ABLTFC Price Summary for 07/07/2009 as per 07/07/2009, 12:02:47

```
"22.0000","1","1000","22000"
"80.0000","3","3000","2400000"
"85.0000","1","1000","85000"
```

4.7 Top 10 Scrips

Top10 by Volume for 30/06/2009 as per 30/06/2009, 15:57:48

```
"SEARLTFC","246000","99","188220432.8","3.45"
"SNBLTFC","104000","104","324849699.2","97"
"OLPLTFC","104000","104","325064594.4","100.5"
"UBLTFC-II","104000","104","331325396.8","103"
"UBLTFC-III","104000","104","335019440","103.5"
"BAHLTFC-II","104000","104","340109333.2","100"
"TELETFC","106000","108","156810092.2","12"
"ANLTFC","110000","110","296602937.5","98.5"
"ABLTFC","310000","113","406716644","3.45"
"AZLMTFC-II","2264000","206","322191805.8","10"
```

4.8 Gainers / Losers

Gainers Losers for 07/07/2009 as per 07/07/2009, 12:03:46

```
Gainers
"UBLTFC-II","10.0000","77.0000","67"
"ABLTFC","80.0000","85.0000","5"
Losers
"TELETFC","97.0000","96.0000","-1"
",","",",",",""
```

4.9 Daily Trade Log (NDM)

Daily Trade Log for 10/11/2009, from 00:00:00 to 23:59:00 as per 10/11/2009, 16:25:59

```
"MEM01501","NDM","PTC","1844","MEM01501","16:21:40","1002","Filled","Buy","1000","0","1000","21.00","dc","1002","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:21:40","1005","Filled","Sell","1000","0","1000","21.00","dc","1002","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:21:43","1003","Filled","Buy","1000","0","1000","21.00","dc","1003","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:21:43","1006","Filled","Sell","1000","0","1000","21.00","dc","1003","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:21:45","1004","Filled","Buy","1000","0","1000","21.00","dc","1004","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:21:45","1007","Filled","Sell","1000","0","1000","21.00","dc","1004","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:22:31","1010","Filled","Buy","1000","0","1000","21.00","dc","1005","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:22:31","1008","Filled","Sell","1000","0","1000","21.00","dc","1005","","","21000.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:22:34","1011","Filled","Buy","1000","0","1000","21.40","dc","1006","","","21400.0000","A31","07/07/2011","07/07/2011"
"MEM01501","NDM","PTC","1844","MEM01501","16:22:34","1009","Filled","Short Sell","1000","0","1000","21.40","hdc","1006","","","21400.0000","A31","07/07/2011","07/07/2011"
```

4.10 Daily Activity Log (NDM)

Daily Activity Log for 07/07/2009 from 00:00:00 to 23:59:00 as per 07/07/2009, 11:59:33

```

MEM55501", "NDM", "TELETFPC", "0001", "11:30:10", "1001", "Queued", "BUY", "1500", "86.0000", "dc", "", "1500", "", "", "", "3071523.3483", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "ABLTFC", "0001", "11:30:25", "1002", "Queued", "SELL", "1000", "86.0000", "dc", "", "1000", "", "", "", "4321334.6137", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "PTC", "0001", "11:20:10", "1002", "Queued", "BUY", "1000", "17.1000", "dc", "", "1000", "", "", "", "17100.0000", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "ABLTFC", "0001", "11:30:40", "1003", "Queued", "SELL", "2000", "86.0000", "dc", "", "2000", "", "", "", "8642669.2274", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "TELETFPC", "0001", "11:31:06", "1004", "Queued", "BUY", "1000", "86.0000", "dc", "", "1000", "", "", "", "2047682.2322", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "HUBC", "0001", "11:27:28", "1005", "Queued", "SHORT SELL", "1000", "27.0000", "hdc", "", "1000", "", "", "", "27000.0000", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "PTC", "0001", "12:32:20", "1006", "Queued", "BUY", "1000", "17.0000", "dc", "", "1000", "", "", "", "17000.0000", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "PTC", "0001", "12:32:37", "abcdefgh", "Queued", "BUY", "1000", "17.1000", "dc", "", "1000", "", "", "", "17100.0000", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "AZLMTFC-II", "0001", "11:37:11", "1007", "Queued", "BUY", "1000", "10.0000", "gtw", "", "1000", "", "", "", "177964.3836", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "AZLMTFC-II", "0001", "11:37:11", "1007", "Filled", "BUY", "1000", "10.0000", "gtw", "", "1000", "1001", "", "", "A31", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "AZLMTFC-II", "0001", "11:37:23", "1008", "Queued", "BUY", "1000", "10.0000", "gtw", "", "1000", "", "", "", "177964.3836", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "AZLMTFC-II", "0001", "11:37:53", "1009", "Queued", "BUY", "1500", "9.0000", "gtm", "", "1500", "", "", "", "241446.5753", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "AZLMTFC-II", "0001", "11:38:01", "1010", "Queued", "BUY", "1000", "10.0000", "gtc", "", "1000", "", "", "", "177964.3836", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "UBLTFC-III", "0001", "12:45:19", "1011", "Queued", "BUY", "2000", "77.0000", "Ydc", "", "2000", "", "", "", "7945728.4800", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "UBLTFC-III", "0001", "12:45:30", "1012", "Queued", "BUY", "1000", "77.0000", "dc", "", "1000", "", "", "", "4044502.1342", " ", "07/07/2011", "07/07/2011"
MEM55501", "NDM", "OGDC-CMAY", "0001", "11:25:10", "6002", "Queued", "BUY", "1000", "77.0000", "dc", "", "1000", "", "", "", "77000.0000", " ", "07/07/2011", "07/07/2011"
    
```

4.11 Trade Summary (NDM)

Trade Summary for Negotiated Deal Market 21/10/2010 as per 21/10/2010, 11:28:50

```

11:39:26", "RBS", "901", "22.00", "007", "2", "007", "CL1"
11:39:32", "RBS", "802", "23.00", "007", "2", "007", "CL1"
11:40:06", "RBS", "804", "23.20", "007", "2", "007", "CL1"
12:15:40", "RBS", "701", "23.00", "007", "2", "003", "RN"
14:40:18", "UBL", "10000", "61.00", "149", "C1", "007", "2"
15:53:44", "ABL", "1000", "53.00", "003", "RN", "003", "MF"
    
```