12 Load Settlement Files

12.1 Purpose

Trades are executed at the Stock Exchanges (DSE /CSE). The Exchanges prepare the Net Obligations file in a pre-defined ASCII format. The Exchanges provides this file to CDBL on 'Trade Date' day for settlement.

Only the Exchange DP's, through this interface can *Upload the Netted files*, *Upload Trade to Trade* files for normal, odd lot and auction trading segments. This interface also facilitates the user to download the pay-in files generated for a particular pay in date and transfer of pay-out files for a particular pay out date. This interface reads the file, validates the data and loads the data into VeDAS.

12.2 Modes of Operation

Load Settlement files is performed in Online mode only.

12.3 Access Restrictions

Authorized users of Exchange DP invoke load Settlement files. The Exchange DP can upload only the files belonging to his exchange.

12.4 Screen Layout
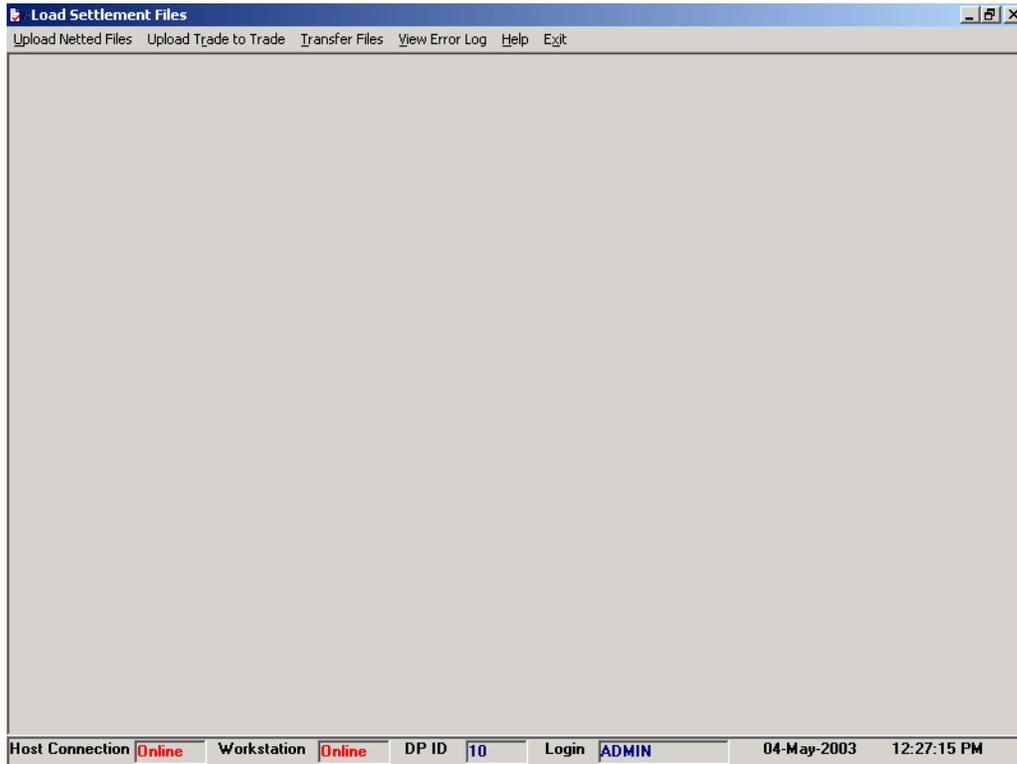
Figure 12.1. Initial Screen for Load Settlement Files.

12.4.1   Upload Netted Files

Activation Options

Menu Name	Purpose	Hot Key
> Upload Netted Files	To upload netted files	Alt + U
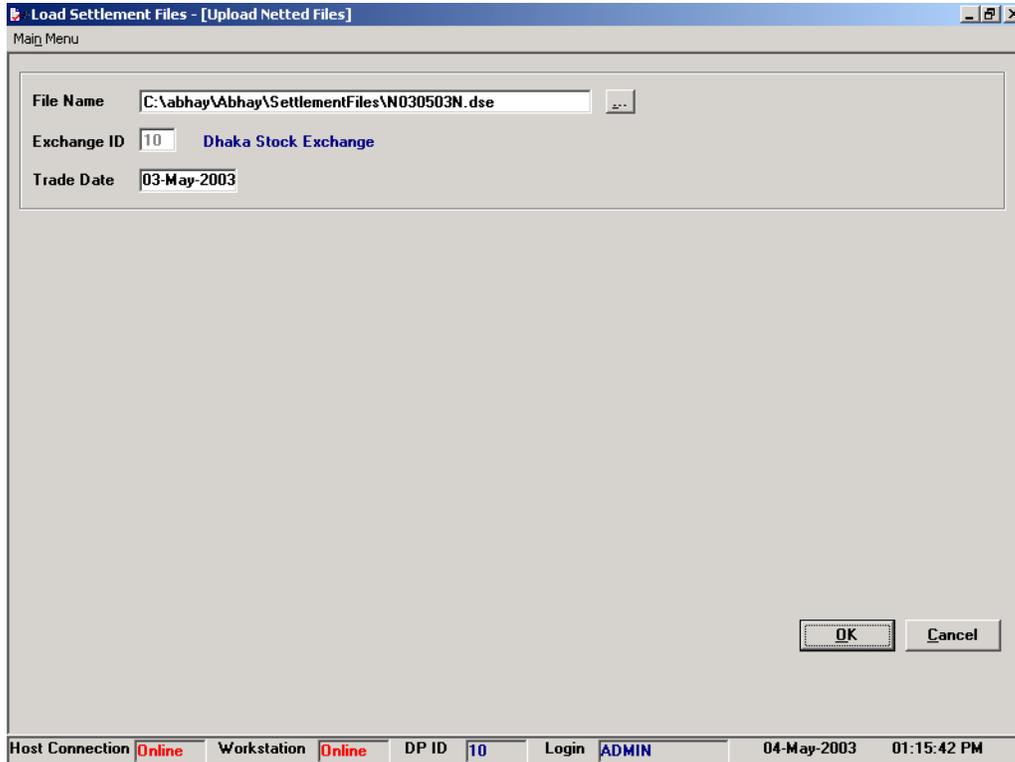
Figure 12.2. Screen for Upload Netted Files

Field List

Field Type: U-Unique, M-Mandatory, A-Auto generated, Mo-Modifiable, N-Non Modifiable, R-Retrieved, C-Calculated

Field Name	Description	Field Type	Remarks
File Name	Netted file name and location	M	If the file uploaded is already processed then the user is not allowed to upload the file with the same file name, whereas if there is an error in file then the user is allowed to reload the file with the same file name.
Exchange ID	Exchange ID of the netted file	M,N,R	The netted file uploaded should belong to the same Exchange.
Trade Date	Trade date of the netted file	M	Trade date should match with the date present in the netted file to be uploaded.

Buttons Available

Name	Purpose	Hot Key
OK	To upload netted file into Vedas.	Alt + O
Cancel	To cancel upload operation and return to the main screen	Alt + C

12.4.2   Upload Trade to Trade file

Activation Options

Menu Name	Purpose	Hot Key
Upload Trade to Trade > Normal	To upload Trade file belonging to Normal trading segment	Alt + R > N
Upload Trade to Trade > Auction	To upload Trade file belonging to Auction trading segment	Alt + R > A
Upload Trade to Trade > Oddlot	To upload Trade file belonging to Oddlot trading segment	Alt + R > O

Figure 12.3. Screen for upload trade to trade Normal/Auction/Oddlot trading segments

Field List

Field Type: U-Unique, M-Mandatory, A-Auto generated, Mo-Modifiable, N-Non Modifiable, R-Retrieved, C-Calculated

Field Name	Description	Field Type	Remarks
File Name	Normal/Auction/Oddlot file name and location	M	If the file uploaded is already processed then the user is not allowed to upload the file with the same file name, whereas if there is an error in file then the user is allowed to reload the file with the same file name.
Exchange ID	Exchange ID of the trade to trade file	M, N, R	The trade to trade file uploaded should belong to the same Exchange.
Trade Date	Trade date of the trade to trade file	M	Trade date should match with the date present in the trade to trade file to be uploaded.

Buttons Available

Name	Purpose	Hot Key
OK	To upload Normal/Auction/Oddlot file into Vedas.	Alt + O
Cancel	To cancel upload operation and return to the main screen	Alt + C

12.4.3   Transfer Files - Download Pay In Files

Activation Options

Menu Name	Purpose	Hot Key
Transfer files > Download pay in files	To get the Pay In file generated by VeDAS for a particular pay in date.	Alt + T > D
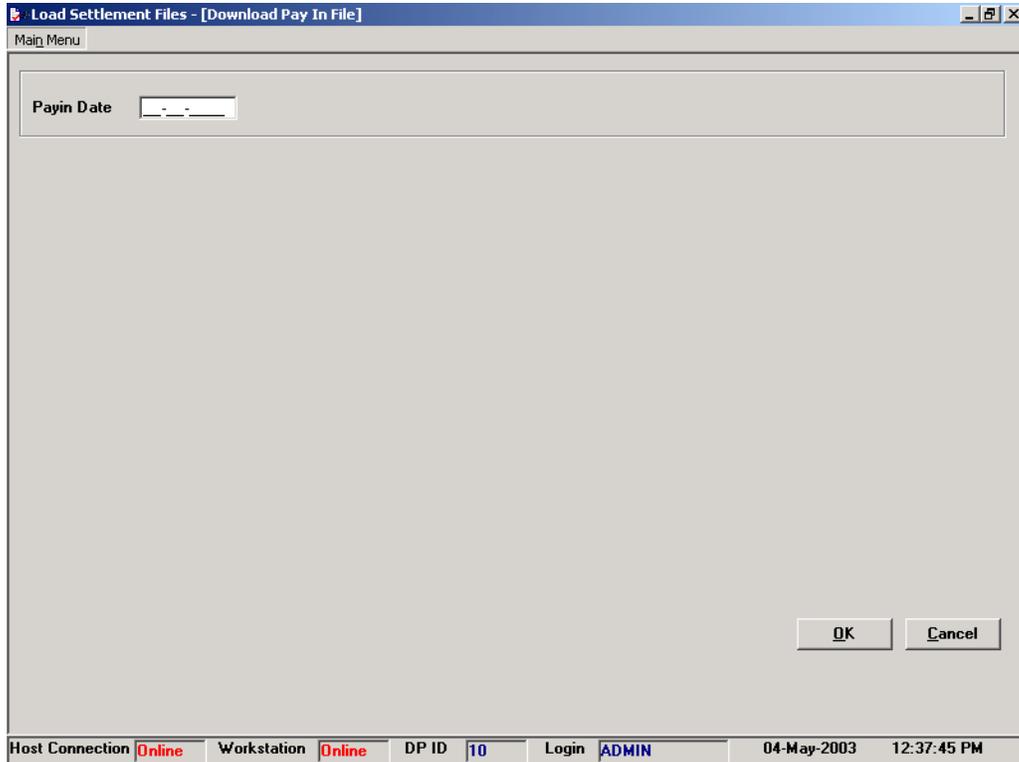
Figure 12.4. Screen for Download Pay In file.

Field List

```
Field Type: U-Unique, M-Mandatory, A-Auto generated, Mo-Modifiable, N-
Non Modifiable, R-Retrieved, C-Calculated
```

Field Name	Description	Field Type	Remarks
PayIn Date	Date on which the PayIn file was generated.	M	

Buttons Available

Name	Purpose	Hot Key
OK	A grid is displayed showing the file generated by VeDAS for the Pay In Date entered.	Alt + O
Cancel	To cancel upload operation and return to the main screen	Alt + C
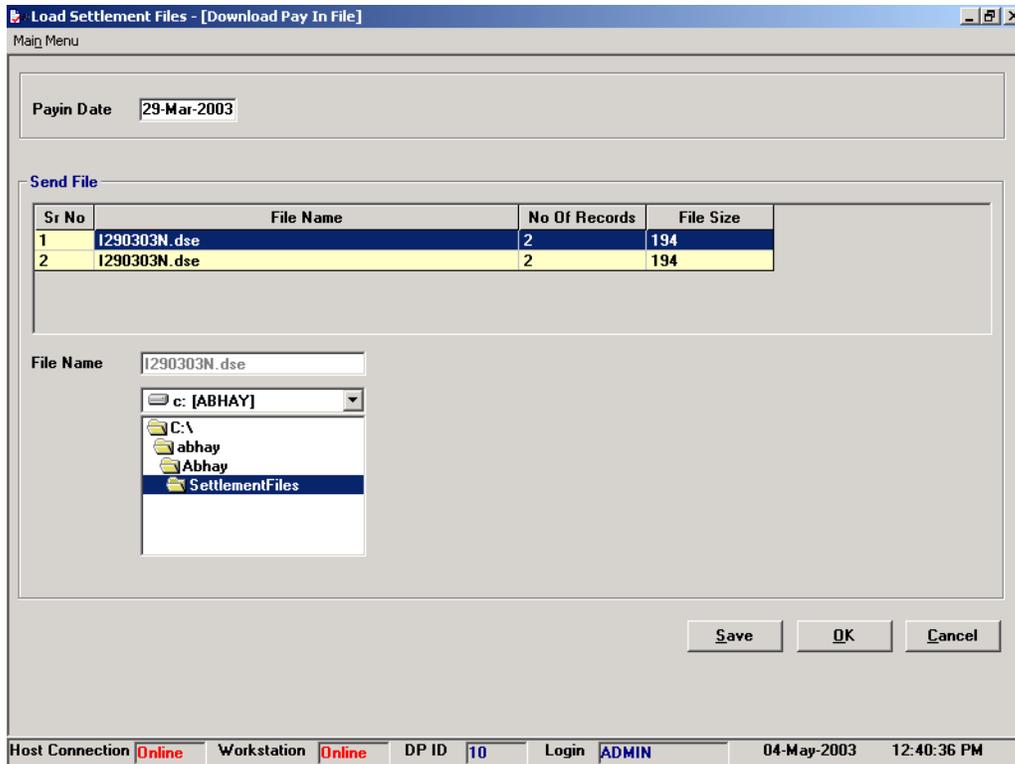
Figure 12.5.Screen to save payin file.

Field List

```
Field Type: U-Unique, M-Mandatory, A-Auto generated, Mo-Modifiable, N-
Non Modifiable, R-Retrieved, C-Calculated
```

Field Name	Description	Field Type	Remarks
Drive list box	To select the drive in which the file has to be saved.	R, Mo	This field appears after the user clicks on OK button.
Folder list box	To select the folder in which the file has to be saved.	R, Mo	This field also appears after the user clicks on OK button.

Buttons Available

Name	Purpose	Hot Key
Save	To save the file in the location selected by the user	Alt + S

12.4.4   Transfer Files – Upload Pay Out Files

Normal/Oddlot

Activation Options

Menu Name	Purpose	Hot Key
Transfer files > Upload Pay Out files >Normal	To load the Pay Out files received by the Exchange into VeDAS belonging to Normal trading segment.	Alt + T > U > N
Transfer files > Upload Pay Out files >Oddlot	To load the Pay Out files received by the Exchange into VeDAS belonging to Oddlot trading segment.	Alt + T > U > O
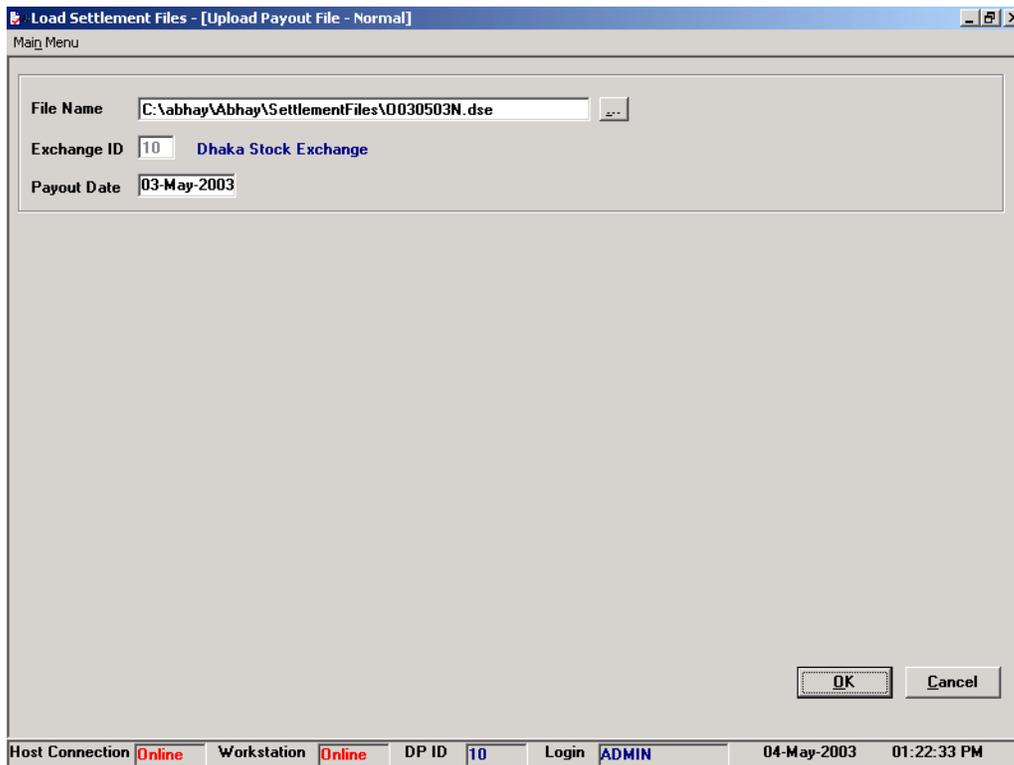
Figure 12.6. Screen for Upload Pay Out file for Normal/Oddlot trading segment

Field List

```
Field Type: U-Unique, M-Mandatory, A-Auto generated, Mo-Modifiable, N-
Non Modifiable, R-Retrieved, C-Calculated
```

Field Name	Description	Field Type	Remarks
File Name	Normal/Oddlot pay out file name and location.	M	If the file uploaded is already processed then the user is not allowed to upload the file with the same file name, whereas if there is an error in file then the user is allowed to reload the file with the same file name.
Exchange ID	Exchange ID of the payout file	M, N, R	The Normal/Oddlot pay out file uploaded should belong to the same Exchange.
Pay out Date	Pay out date of the payout file	M	Trade date should match with the date present in the Normal/Oddlot pay out file to be uploaded.

Buttons Available

Name	Purpose	Hot Key
OK	To upload Normal/Auction/Oddlot file into Vedas.	Alt + O
Cancel	To cancel upload operation and return to the main screen	Alt + C

In case the Pay out quantity in the file does not equal the Earmarked quantity, then the file upload shall fail. The user can check the error log for details.

12.4.5   View Error Log

Activation Options

Menu Name	Purpose	Hot Key
View Error log > Netted Files	To view the error details of the netted file.	Alt + V > N
View Error log > Pay Out > Normal	To view the error details of the normal file.	Alt + V > P > N
View Error log > Pay Out > Oddlot	To view the error details of the oddlot file.	Alt + V > P > O
View Error log > Trade to	To view the error details of the trade to trade – normal file.	Alt + V > T

| Menu Name	Purpose	Hot Key
Trade > Normal		> N

View Error log
> Trade to
Trade
  > Auction
	To view the error details of the trade to trade –
	auction file.
		Alt + V
		> T
		  > A

View Error log
> Trade to
Trade
  > Oddlot
	To view the error details of the trade to trade –
	oddlot file.
		Alt + V
		> T
		  > O
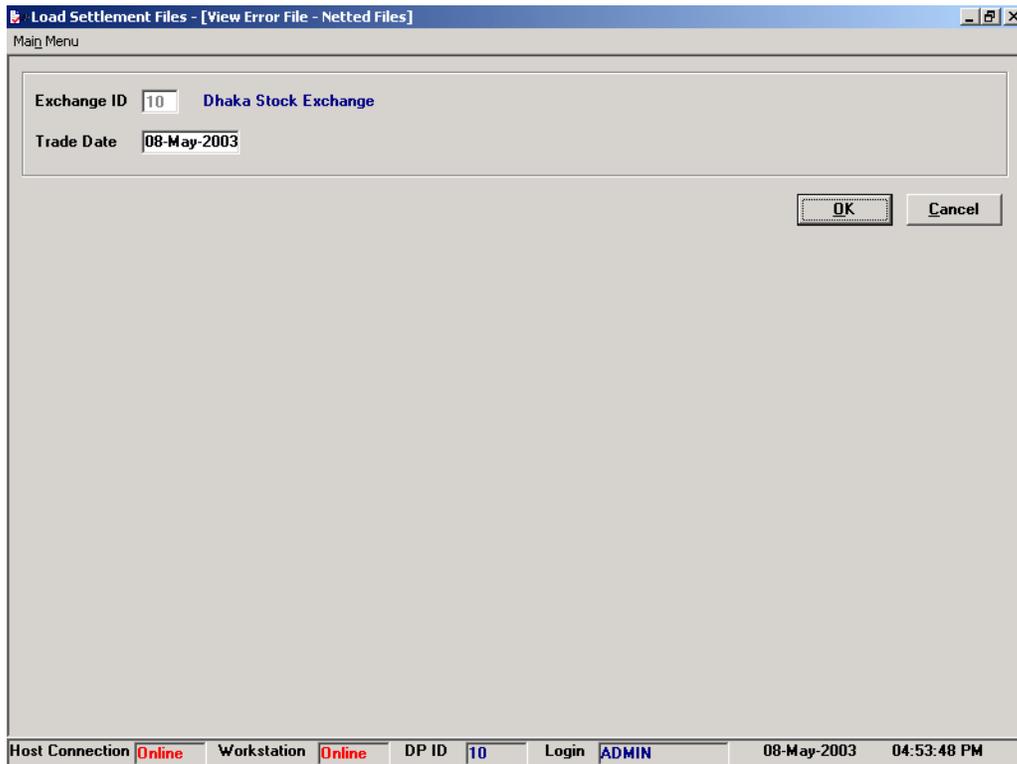
Figure 12.7.Screen for viewing error details for Netted files
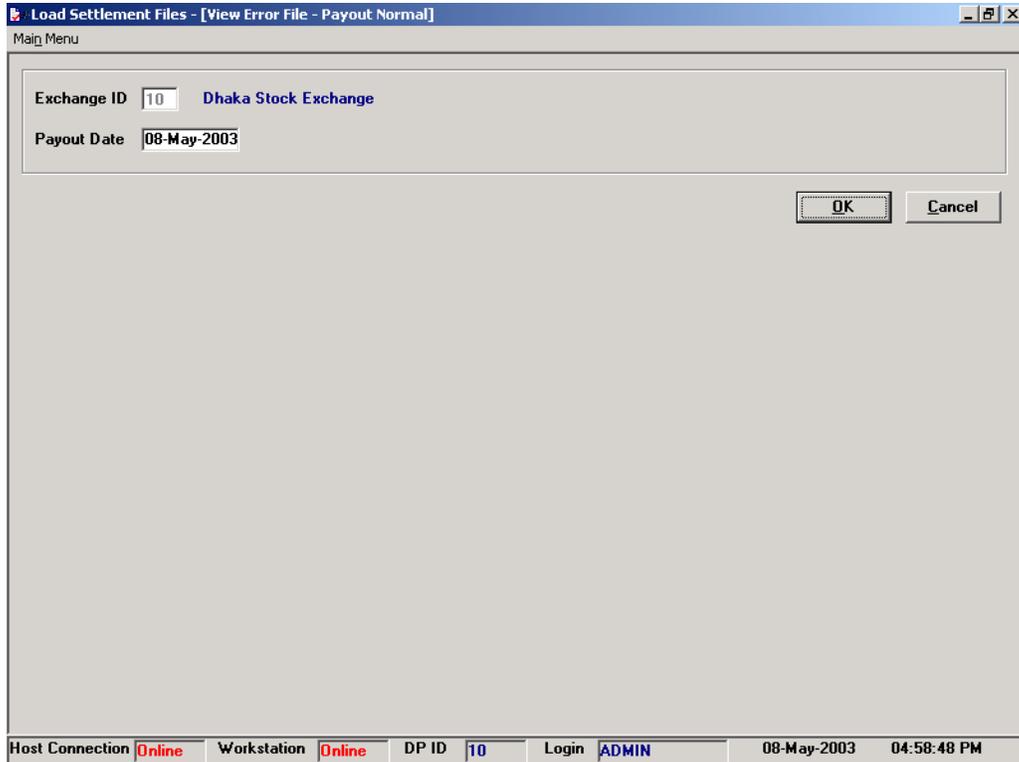
Figure 12.8.Screen for viewing error details for Payout Normal
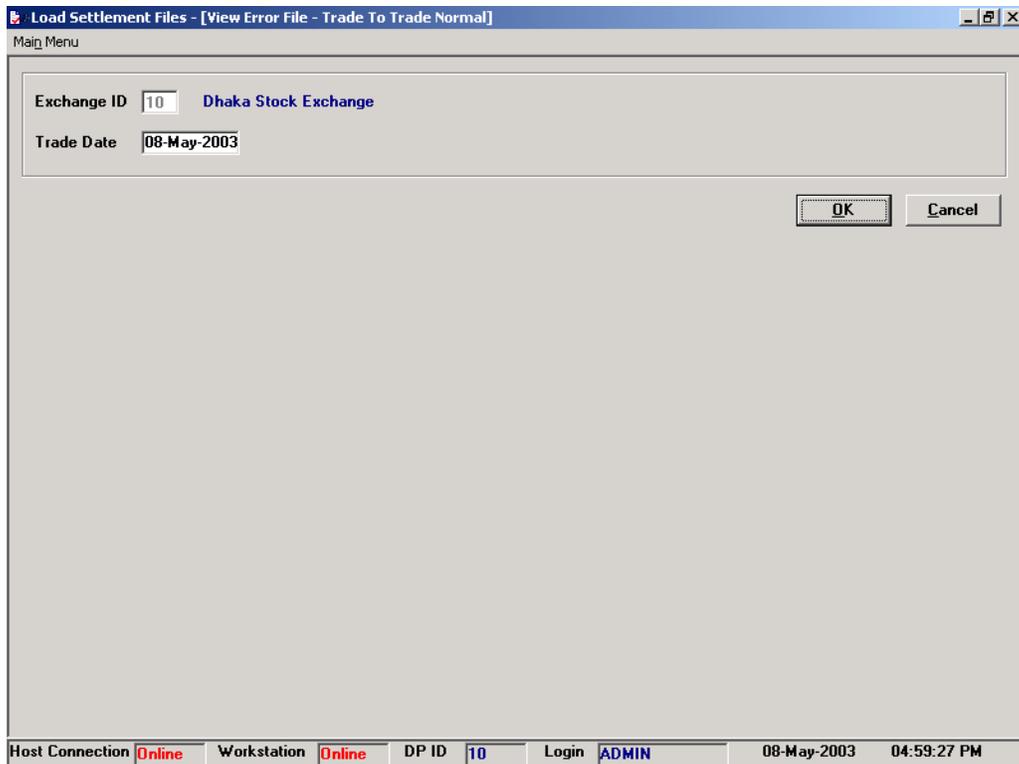
Figure 12.9.Screen for viewing error details for Trade To Trade Normal

Field List

Field Type: U-Unique, M-Mandatory, A-Auto generated, Mo-Modifiable, N-Non Modifiable, R-Retrieved, C-Calculated

Field Name	Description	Field Type	Remarks
Exchange ID	Exchange ID of the file.	M, N, R	
Trade/Pay Out Date	Trade/Pay Out date of the file	M	

Buttons Available

Name	Purpose	Hot Key
OK	A grid is displayed which lists the error file prepared	Alt + O
Cancel	To cancel the operation and return to the main screen	Alt + C
View Errors	Error details is displayed in tabular form	Alt + V
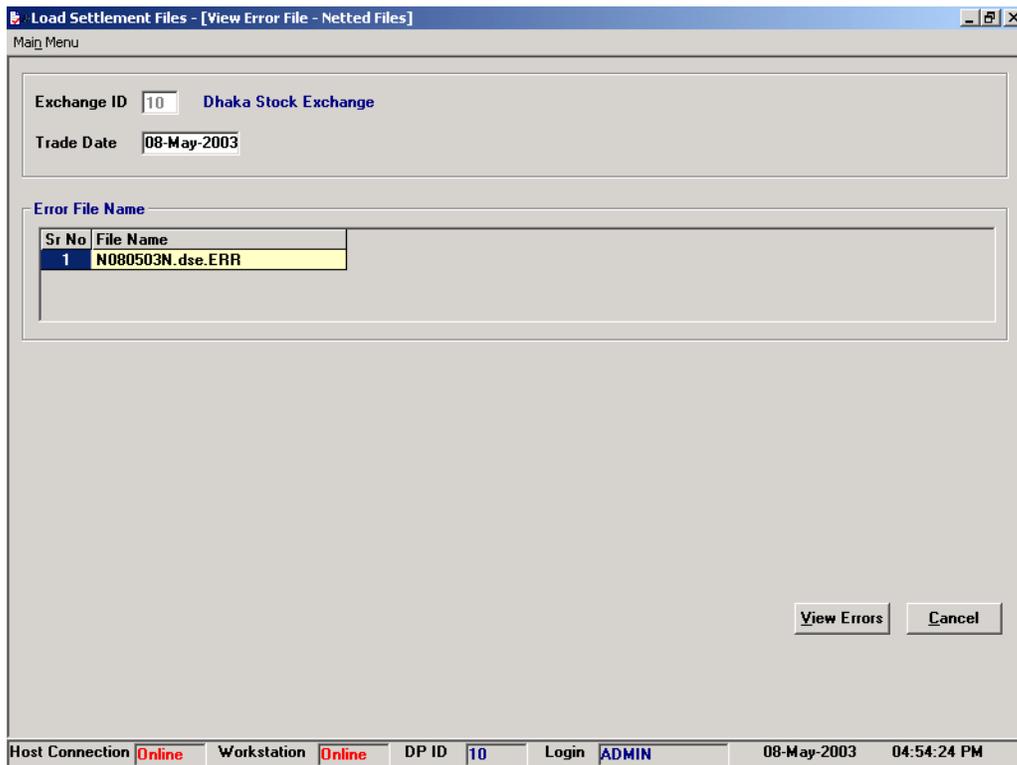
Figure 12.10.   Screen for displaying Error files for Netted File
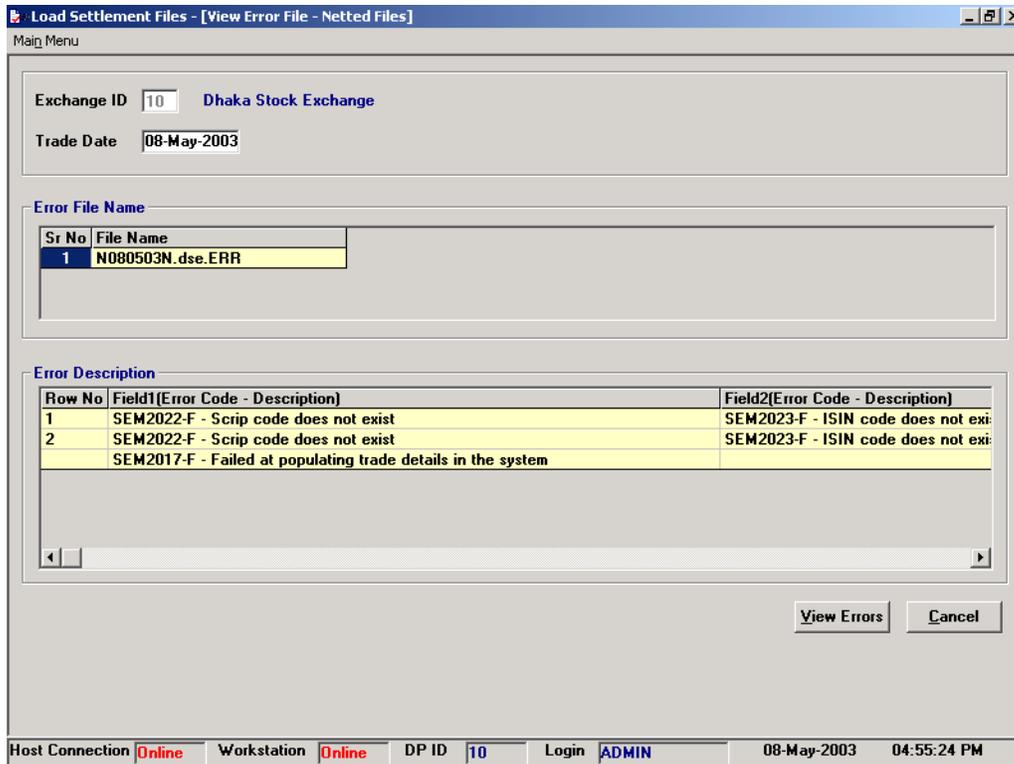
Figure 12.11.   Screen for displaying Error file details for netted File.

12.5 Upload File Formats

12.5.1   Normal Netted File

File Naming Convention

File Name	Description
NddmmyyN.cse / NddmmyyN.dse	**File type is 'N' for Normal** N is for Netted '*ddmmyy*' is the Trade Date of the obligations.

Control Record Field List

```
Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded
with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)
```

Field Name	Field Type	Field Size	Remarks
Total number of	N	10	It contains the total number of detail

Data Records			records in this file. For example, if the file contains 225 detail records the number of records will be '*0000000225*'
Exchange ID	N	2	Identification number of the Exchange (DSE/CSE) 10 – DSE, 11 – CSE
Trade Date	D	8	Date of negotiation of trade.

Data Record Field List

```
Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded
with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)
```

Field Name	Field Type	Field Size	Remarks
Trading Segment	T	16	Trading Segment For Normal Netted – '**N**'
Obligation ID	N	12	Identification number of a settlement obligation e.g. If *26032003* is the actual obligation id then the value needs to be specified as '*000026032003*'
Broker Code	N	6	Member number/code used by the Exchange For example: The broker code for the Investment Corp. of Bangladesh is *129* for DSE, then in file it will be specified as '*000129*'
Scrip Code	T	12	Company/scrip code used by the Exchange For example: The scrip code for Square Pharma will be 146473 for CSE, then in file it will be specified as '*146473 *'
Quantity	Q	13	If the Quantity is 3000, then in the file it is specified as '*0000000003000*'
Buy/Sell Flag	T	1	B, S
Pay-In Date	D	8	Date of pay-in processing
Pay-Out Date	D	8	Date of pay-out processing

12.5.2   Trade to Trade File

File Naming Convention

File Name	Description
T*ddmmyy***N**.cse / **T***ddmmyy***N**.dse	File Type is 'T' for Trade To Trade Files For Normal Trade to Trade segment '*ddmmyy*' is the Trade Date of the obligations.

Tdddmmyy**A**.cse / **T**ddmmyy**A**.dse	For Auction trading segment '*ddmmyy*' is the Trade Date of the obligations.
Tddmmyy**O**.cse / **T**ddmmyy**O**.dse	For Odd Lot trading segment '*ddmmyy*' is the Trade Date of the obligations.

Control Record Field List

Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)

Field Name	Field Type	Field Size	Remarks
Total number of Data Records	N	10	It contains the total number of detail records in this file.
Exchange ID	N	2	Identification number of the Exchange (DSE/CSE) 10 – DSE, 11 – CSE
Trade Date	D	8	Date of negotiation of trade.

Data Record Field List

Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)

Field Name	Field Type	Field Size	Remarks
Trading Segment	T	16	**T**-Normal trade-trade Trades **O**- Odd Lot trades **A**- Auction Trades
Obligation ID	N	12	Identification number of a settlement obligation
Buyer Broker Code	N	6	Member number/code used by the Exchange for buying broker
Seller Broker Code	N	6	Member number/code used by the Exchange for selling broker
Scrip Code	T	12	Company/scrip code used by the Exchange
Traded Quantity	Q	13	
Pay-In Date	D	8	Date of pay-in processing
Pay-Out Date	D	8	Date of pay-out processing

12.5.3   Download Pay-In File

File Naming Convention

File Name	Description
Iddmmyy**N**.cse / **I**ddmmyy**N**.dse	File type is **'I'** for pay in files. For Normal Netted obligations '*ddmmyy*' is the Pay In Date of the obligations.
Iddmmyy**T**.cse / **I**ddmmyy**T**.dse	For Trade – Trade obligations

	'*ddmmyy*' is the Pay In Date of the obligations
I*ddmmyy***O**.cse / **I***ddmmyy***O**.dse	For Odd Lot obligations
	'*ddmmyy*' is the Pay In Date of the obligations

Control Record Field List

Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded
with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)

Field Name	Field Type	Field Size	Remarks
Total number of Data Records	N	10	It contains the total number of detail records in this file.
Exchange ID	N	2	Identification number of the Exchange (DSE/CSE) 10 – DSE, 11 – CSE
Pay In Date	D	8	Pay In Date of the obligations

Data Record Field List

Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded
with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)

Field Name	Field Type	Field Size	Remarks
Trading Segment	T	16	**T**-Normal trade-trade Trades **O**- Odd Lot trades **A**- Auction Trades
Obligation ID	N	12	Identification number of a settlement obligation
Seller Broker Code	N	6	Member number/code used by the Exchange for selling broker
Scrip Code	T	12	Company/scrip code used by the Exchange
Sell Quantity	Q	13	Selling broker's obligation quantity
Traded Quantity	Q	13	Quantity earmarked in the selling broker's clearing account
Shortage Quantity	Q	13	Shortage quantity after earmarking
Trade Date	D	8	Trade Date of the obligations
Pay-Out Date	D	8	Pay Out Date of the obligations

12.5.4   Upload Pay-Out File

File Naming Convention

File Name	Description
O*ddmmyy***N**.cse/ **O***ddmmyy***N**.dse	File type is 'O' for pay out files. **N** – For normal Netted and Trade – Trade segment where *'ddmmyy'* is the Pay Out Date of the

	obligations
O_ddmmyy_**O**.cse / **O**_ddmmyy_**O**.dse	File type is **'O'** for pay out files. **O**- Odd Lot where _'ddmmyy'_ is the Pay Out Date of the obligations

Control Record Field List

```
Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded
with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)
```

Field Name	Field Type	Field Size	Remarks
Total number of Data Records	N	10	It contains the total number of detail records in this file.
Exchange ID	N	2	Identification number of the Exchange (DSE/CSE) 10 – DSE, 11 – CSE
Pay Out Date	D	8	Pay Out Date of the obligations.

Data Record Field List

```
Field Type: N-Numeric (Left padded with zeroes), T-Text (Right padded
with spaces) Q-Quantity (Left padded with zeroes) D-Date (ddmmyyyy)
```

Field Name	Field Type	Field Size	Remarks
Trading Segment	T	16	**T**-Normal trade-trade Trades **O**- Odd Lot trades **A**- Auction Trades
Obligation ID	N	12	Identification number of a settlement obligation
Buyer Broker Code	N	6	Member number/code used by the Exchange for buying broker
Seller Broker Code	N	6	Member number/code used by the Exchange for selling broker
Scrip Code	T	12	Company/scrip code used by the Exchange
Sell Quantity	Q	13	Selling broker's obligation quantity
Pay Out Quantity	Q	13	Quantity to be debited from the seller broker and credited to the buyer broker
Shortage Quantity	Q	13	Shortage quantity after earmarking
Trade Date	D	8	Trade Date of the obligations
Pay-In Date	D	8	Pay In Date of the obligations