FREEDOM

1. To function on MT4 platform.

2. To work on all currency pairs and indices.

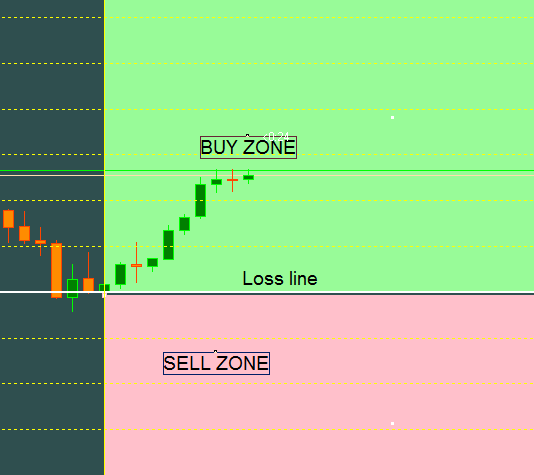
3. Set files to be provided on completion.

The EA “Freedom” WILL FUNCTION AS FOLLOW.

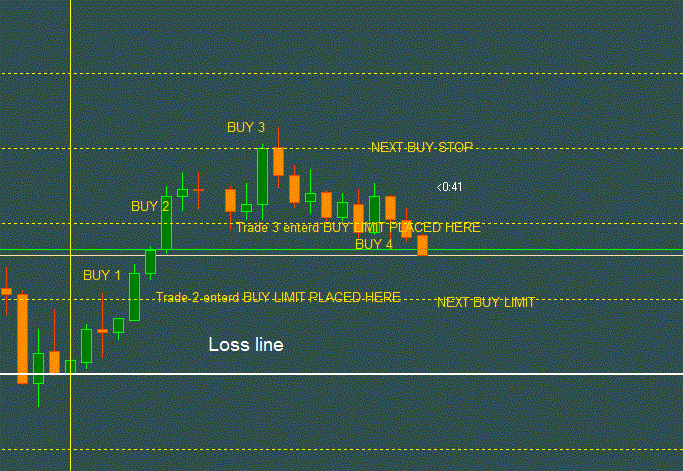
1. A grid will be placed at start time or manual start as explained in dialog box section below on the chart (mm line indie will be provided that could be used if possible) the 00 line or “LOSS LINE” will be at the value of the current price. **FIG 1**

**FIG 1**

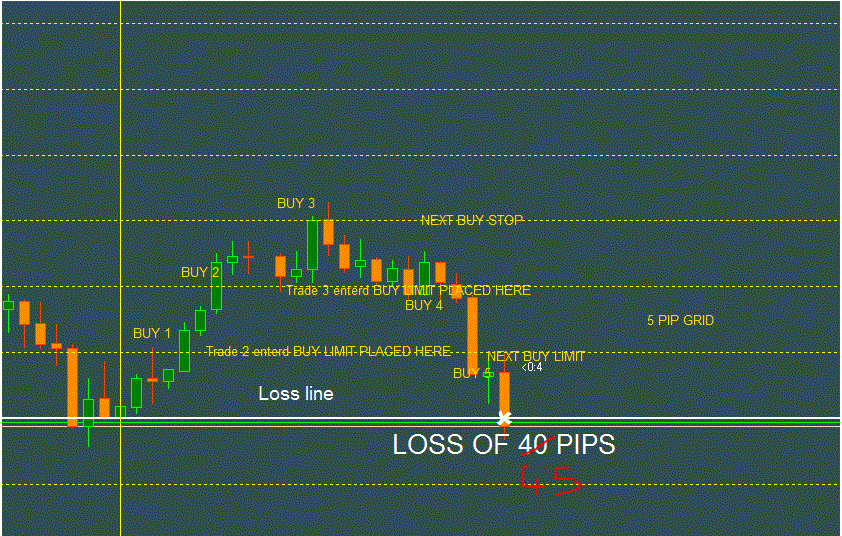
2. Above the LOSS LINE as per the grid lines (as in point 3) only BUY trades will be entered through placing BUY STOPS if line is above price and BUY LIMITS if line is below price and below the LOSS LINE only SELL STOPS and SELL LIMITS. **FIG 2**

**FIG 2**

3. Depending on the grid setting in this example set at 5 pips buy stops will be placed at each grid above the LOSS LINE, **[NO ENTRIES AT LOSS LINE ITSELF]** When price reach the first grid line the first buy will be entered when price reach the second grid line the second buy will be entered and a BUY LIMIT will be placed on the first grid line. When price reach the next grid line the third buy stop is opened and a BUY LIMIT is placed below, price retracts to the second grid and BUY nr4 is opened when the BUY LIMIT is reached now we have a BUY STOP again above the current price and a BUY LIMIT below the price**. FIG 3**

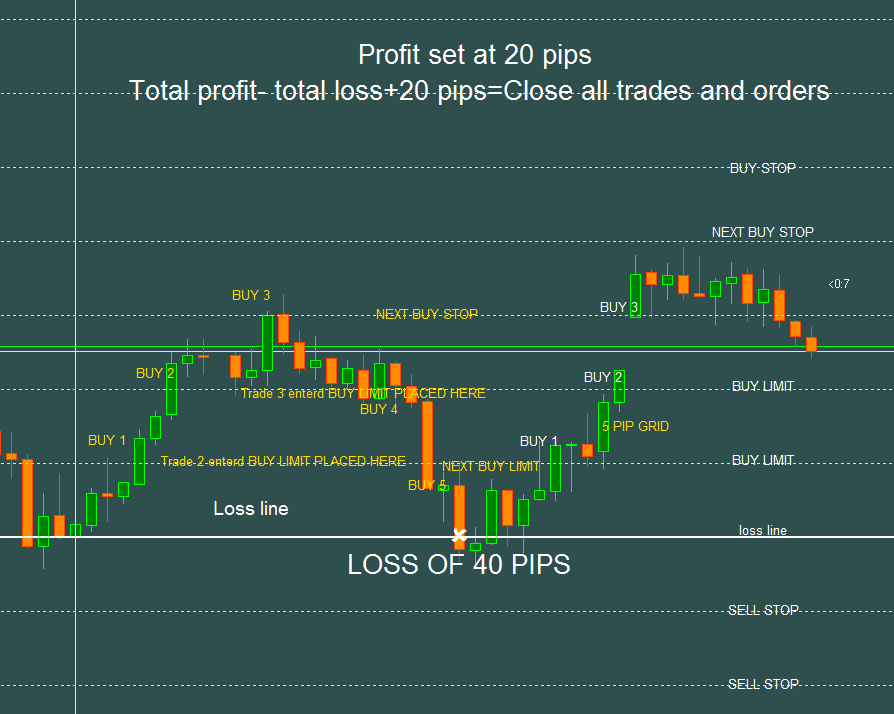
**FIG 3**

4. If price reach the LOSS LINE all trades is closed at a loss in this example T1 and T5 at 5 pips loss each, T2 and T4 at 10 pips each and T3 at 15 pips loss. **BUT the “CLUSTER” of trades is not complete the EA need to keep track of all the trades as sum a of the LOSS. FIG 4**

**FIG 4**

{**LOSS 45PIPS}- MISTAKE ON FIG 4**

5. Price moves into the buy zone again and orders are placed and opened to the long side again. **FIG 5**

**FIG 5**

[**LOSS 45 PIPS]- MISTAKE ON FIG 5**

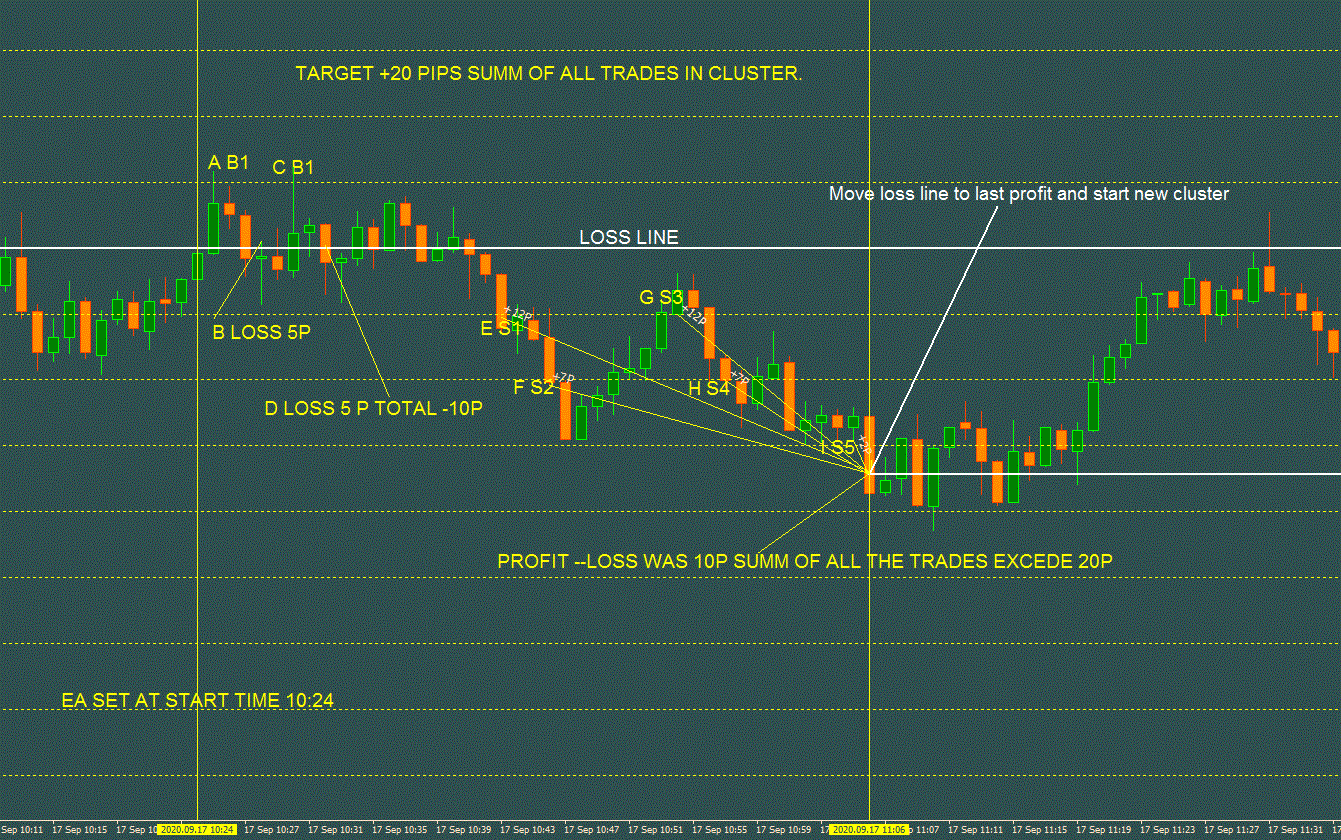
6. Only if an order is opened on the line above or below, the next order can be opened at the same line. **FIG 6**

**FIG 6**

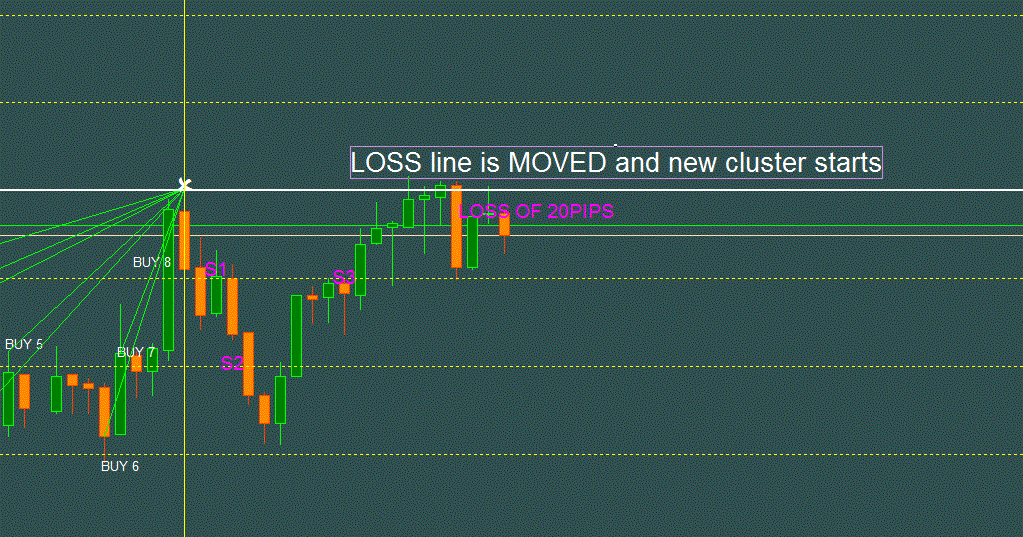
7. The EA keeps on placing pending orders at the line above and below the last order opened until price reached the LOSS LINE and all the orders is closed at a loss or the sum of all trades profits and loss reached the set pips in this example 20 pips. Then all trades and orders are closed. **FIG 6**

**FIG 6**

8. If price reached LOSS LINE and loss is taken and then cross line to opposite ZONE the same rules is followed. **FIG 7**



9. The cluster can only close in a profit and the new cluster is started with the move of the LOSS LINE by the EA. **FIG 8**



**10. If the stop trade time and date is reached the current cluster will be completed but no new cluster of trades will be entered**.

**Lot calculation**

1. The EA will calculate the Lot size of each cluster **(All trades within a Cluster of trades will be the same e.g. a loss is taken the next trade will be at the same Lot size until a profit is taken, then the EA will recalculate the next Lots for the new Cluster based on the new Balance.)**

2. The lots to trade will be calculated based on the Grid setting as a loss e.g**. In this example the Grid was set at 5 pips if the loss setting was set at 0.2% it means that each 5 pip loss will be equivalent to 0.2% of the account balance at the start time of the cluster of trades.**

3. Example: Balance at 100 EUR. Pair trades EUR/USD. Grid 5 pips, loss setting at 0.2% of balance== 0.04 lots per trade.

4. Each trade in this cluster will be entered at a lot size of 0.04 until profit is taken.

**PROFIT TAKING**

1. Profit will be taken as the sum of pips per cluster e.g. All losses + All profits + set pips TP= **close all open trades (first),** close all pending orders, move loss line to price where profit was taken, recalculate lots and place new BUY STOP and SELL STOP orders above and below Loss line.

2. e.g. If Profit setting is set at 25 pips AND loss setting as in point 1 above at 0.2% all profit will be taken as in point 1 at +- 1% of the balance. **So the EA will take the TP as a calculation in pips in the green.**

**On Screen Dialog box**

1. This EA will place the following Dialog box for settings input and info on the screen.

2. Is this EA ACTIVE OR ASLEEP a function to activate the EA when all settings have been entered and trading can start as per trading time or manual start.

And the function to disable the EA during active trading time or during a cluster of trades **if the EA is manually deactivated all trades and pending orders will stay open and active.**

3. If a trade is not entered due to a spike in spread above setting the order will be deleted and then replaced with the appropriate order.

4. Start time/Manually- Setting is the choice if the EA must start on the set time or if it must start first cluster as settings is entered and “ACTIVE” is clicked.

|  |  |  |
| --- | --- | --- |
| EA Name | **FREEDOM** |  |
| Is this EA ACTIVE OR ASLEEP | ACTIVE/ ASLEEP | As per trading time or manual stop |
| **Settings to be entered** |  |  |
| **Start time/manually** | **TIME/MANUALLY** | **Option to start cluster immediately or at set time.** |
| **Trade start time** | **10:00** | **Need space to set time.** |
| **Trade stop time** | **23:00** | **Need space to set time.** |
| **Grid setting pips** | **xx** | **The desired grid setting for use in orders and lot calculation** |
| **% Loss as per grid** | **xx.x%** | **e.g. 0.1% as in example(0.1% of balance per grid pip set)** |
| **Total take profit target in pips** | **xxx** | **e.g. 20 pips as in example explained.** |
| **Max Slippage \*0 Disabled** | **0** |  |
| **Magic Number** | **1234** |  |
|  |  |  |
| **EQUTY GUARD** |  |  |
| **EQUTY ABOVE** | **XXXX** | **Close al open trades and pending orders when equity reaches** |
| **EQUTY BELOW** | **XXXX** | **This value and put EA to sleep.** |
|  |  |  |
| **INFO** |  |  |
| Balance | xxxx |  |
| Current total loss in pips | xxxx |  |
| Current total loss in currency | xxxx |  |
| Current margin | xxxx |  |
| Free Margin | xxxx |  |
| Total pips needed for profit | xxxx |  |