

TDI_Histo-3tf EA

This EA will have the ability to use these indicators:

- Heiken-Ashi-Smoothed
- Moving average
- TMS-OSC Histo 3TF (3tf)

3TF depicts a histogram of TDI cross on the current chart timeframe plus the next two timeframes:

Chart time frame is 4H so 3tf shows 4h, D1, W1.

For this document, the chart timeframe is TF0, the second is TF1 and the third is TF3.

The picture accompanying these notes is EURUSD, 4HR, Dates: September 8 - 21, 2021

Filter Options:

1. User will have the option of using HA-smoothed as a filter.
 - a. Short trades only if HA is red.
 - b. Long trades only if HA is lime green.
 - c. This filter will have an on/off switch.
 - d. All "inputs" for this indicator will be accessible from the EA parameters.
2. User will have the option of using Moving Average as a filter.
 - a. Short trades only if price is below MA.
 - b. Long trades only if price is above MA.
 - c. This filter will have an on/off switch.
 - d. All "inputs" for this indicator will be accessible from the EA parameters.

Long Entry/Exit conditions:

4. TF1 changes from red to lime green and TF0 is lime green: Enter at the open of the next candle.
5. TF1 changes from lime green to red: Exit at the open of the next candle.

Short Entry/Exit conditions:

6. TF1 changes from lime green to red and TF0 is red: Enter at the open of the next candle.
7. TF1 changes from red to lime green to red: Exit at the open of the next candle.

Trade size:

8. "Trade size in lots:" May be whole lots or fractional such as 2, 2.01, 2.5 etc.
9. This Parameter will read "Trade size in lots"
10. This parameter will have an on/off switch.
11. "Trade level as a percentage of equity" such as 2%, 5%, 3.5%, 3.25%
12. This parameter will have an on/off switch.

Stop loss:

13. Stop loss is set in pips where a positive number is pips above entry and negative is pips below entry.
14. When set to 0, then there is no stop loss. This could also be an on/off switch.

(continue)

Trailing Stop:

15. User will have the option to set trailing stop loss:
The input parameter must clearly indicate how this works.

"Enable trailing stop at profit of" x-pips

"Trail price by a maximum of" x-pips

(I need this language to be clear on the EA parameters screen because I get confused sometimes :))

Trailing stop example:

Entry price is 1.22000.

the position reaches 50 pips of profit and price is now at 1.22500.

Stop-loss will be set at 30 pips below price which would be 1.22200.

When price moves to 1.22600, SL moves to 1.22300.

SL will trigger if price falls to equal 1.22300.

(hopefully this makes sense. Please let me know).

Stop-loss movement:

16. This feature will have an on/off switch.
17. Stop-loss may move in increments and at price levels established by the user.
18. There will be five opportunities to move the SL.
19. If the two parameters are set to 0 then this SL movement is not active and will be ignored (I may only want to use 1, 2, 3, 4, or 5 of these options).
20. Input parameters will state:
"Lock in profit (loss) of" x-pips
"once price moves _ from entry price" x-pips

Take Profit:

21. There will be a target "Take Profit" of x-pips. This will close the entire position.
22. There will be five interim profit levels.
23. User will have the option of setting one to five partial TP levels:
 - a. exit x% of original trade size (not remaining trade) at x-pips.
 - b. exit x% of original trade at x-pips.
 - c. exit x% of original trade at x-pips.
 - d. exit x% of original trade at x-pips.
 3. exit x% of original trade at x-pips.

Indicator levels:

23. User will be able to set all indicator input levels within the EA.
24. Input levels will be available for optimization within the MT4 tester.

See picture on next page and attached for standard entry and exit.

EURUSD.H4 1.04947 1.05056 1.04935 1.04985

EURUSD September 8-21, 2021

Enter at the open
of this candle.

Valid Entry Signal:
3tf W1 change from lime to red.
3tf D4 is red.

Valid signal for
exit.

At the open of this cand
short and enter long.
If HA filter is set to on t
not enter long

for divergence:1 Traders Dynamic Index 70.6802 56.7563 41.9125 62.1963 61.6542

TMS-08-08-08 3TF (H4, D1, W1)

Std(C 3.2) 72.6476 53.8513