

EA ForexNewsTrade

Version 1. July, 2018

EA [ForexNewsTrader](#) intended only for news trading. From the site forexfactory.com the EA downloads the news calendar.

To do this, you need to "Allow WebRequest for listed URL:" (Tools → Options → Expert Advisors) and add url: http://www.forexfactory.com/ff_calendar_thisweek.xml or can be <http://www.forexfactory.com>. The news appears on the chart as vertical lines. When the price approaches such a line, the EA places pending orders for buy and sell. If after the news release not one of the orders is not triggered all orders are deleted.

Key features:

- three strategies for the news trading:
 - one pending order to buy and sell;
 - grid of pending orders in both directions before news release;
 - grid gradually, after the news, a gradual increase in the number of orders in one direction.
- shows news for the following currencies: USD, EUR, GBP, CAD, NZD, JPY, AUD, CHF;
- displays on the chart only the news for its currency pair;
- automatic update of the file the news calendar every 24 hours;
- the trader can manually set their news lines;
- the ability to use not only stop orders, but also limit orders, can be simultaneously;
- closing orders at a specified percentage of profit/loss;
- to enable and disable the EA on the time;
- universal trailing stop, functionality from the EA [UTrailing](#);
- "hot buttons" for quick commands (Close All, Close Loss, Close Profit, Delete PO, Delete SL);
- sound notification of order opening and trailing stop modification;
- does not use DLL imports;
- additionally, you can use the indicator [FXCalendar_T](#) together with the EA;
- it works on accounts with the quotation 4 and 5 decimal places.

Pay attention:

1. The EA shows news for the following currencies: USD, EUR, GBP, CAD, NZD, JPY, AUD, CHF.
2. Vertical lines on the chart (news lines) are a signal for the EA to place pending orders.
3. You can arbitrarily set your own vertical lines to run the EA.
4. For trading on demo accounts, use a special version of the EA - [ForexNewsTraderDemo](#), which you can download from our website.

Hot keys

Shift + 0 – closes absolutely all trades opened in the terminal.

To do it, you need to place the cursor over the price chart, where the Expert Advisor is running, click on the chart with the left mouse button (select the chart) and then press "Shift" and "0" buttons in sequence. After that, work the EA will be blocked. To unlock, again press "Shift" and "0".

Hot buttons

Hot buttons are designed for quick execution of one command. After pressing the button, its color changes, and the button is blocking, when pressed again, removed the blocking and leads to the original state of the button. Any press of the button EA fixes in its log, you can see the current position of the button on the tab "Experts". You can also unblock the button using the new initialization of the EA (for example, switching to another timeframe). In this case, you do not need to press anything, the blocking is removed automatically.



Buttons (except "Close All") can be configured to work with all opened orders in the terminal or you can selectively select the necessary parameters only for specific orders by one direction, by one symbol or one magic number.

Close All – closes all orders, absolutely all orders in the terminal and removes all pending orders.

Close Loss – closes only orders that have a loss.

Close Profit – closes only orders with profit.

Delete PO – removes only pending orders.

Delete SL – removes stop loss from open orders.

External variables

The external variables used in [ForexNewsTrader](#) are split into 6 blocks for the sake of ease of use:

1. GENERAL SETTINGS
2. NEWS TRADING
3. PENDING ORDERS TYPE
4. TRAILING STOP
5. TRADE BY TIME
6. OTHER SETTINGS

Block 1. GENERAL SETTINGS

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About Common Inputs

Variable	Value
ab ____ 1. GENERAL SETTINGS ____	
123 Magic Number	1221
123 Positions:	Long & Short
123 Number of open orders	4
1/2 Lots	0.01
123 Stop Loss	30
123 Take Profit	120
ab ----	
Trailing stop open positions	true
Breakeven	false
123 profit to enable a breakeven	15
123 breakeven level	3
ab ----	
Profit/Loss percent	false
1/2 Profit % for close orders	100.0
1/2 Loss % for close orders	50.0
123 Slippage	3
ab * * *	

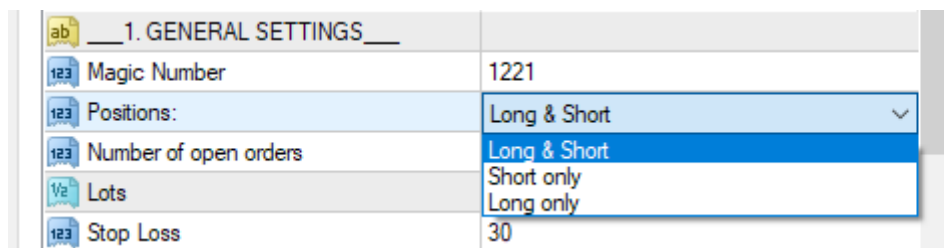
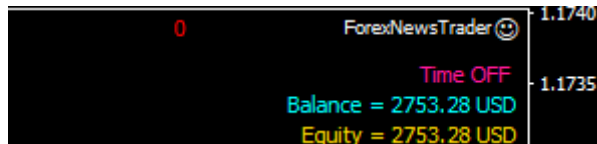
Load Save

OK Отмена Reset

Magic Number = 1221 - allows you to specify the EA, which orders (with which magic number) it needs to track. In this example, the EA will work only with orders open with the magic number which =1221. The magic number will be displayed on the chart for your convenience and appear in the right up corner of the terminal's screen to the left of the Expert Advisor.



If you set the magic number 0, the chart will display "0" and the EA will monitor and work only with orders that were opened manually.



Positions:

- **Long only** - open and trail only buy orders;
- **Short only** - open and trail only sell orders;
- **Long & Short** - for orders of all directions.

Number of open orders = 4 - set the limit for the number of open orders.

Lots = 0.01.

Stop Loss = 30.

Take Profit = 120.

Trailing stop open positions = true, if false, trailing stop will be disabled.

Breakeven – when there is a small profit, and trailing stop is still not included, the EA moves the stop loss set at breakeven level.

profit to enable a breakeven = 10 – level of take-profit in points, at which a breakeven is enabled

breakeven level = 1 – sets the level, at which a stop-loss must be moved: if set to 1, then the position will be closed, when the profit is 1 point; if set to 0, then the position will be closed with the profit of 0 points.

Profit/Loss percent = false, if true, the EA will close orders when reaching a certain percentage of the profit or loss.

Profit % for close orders = 15, if the Equity become more than the Balance by the set percentage, all orders will be closed.

Loss % for close orders = 5, if Equity becomes less than the Balance by the set percentage, all orders will be closed.

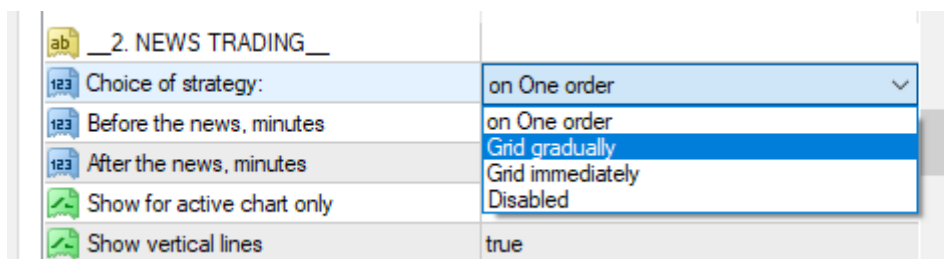
Slippage = 3 - the level of slippage in points on the volatile market it is better to increase.

Block 2. NEWS TRADING

Choice of strategy: - choosing a strategy for the news trading

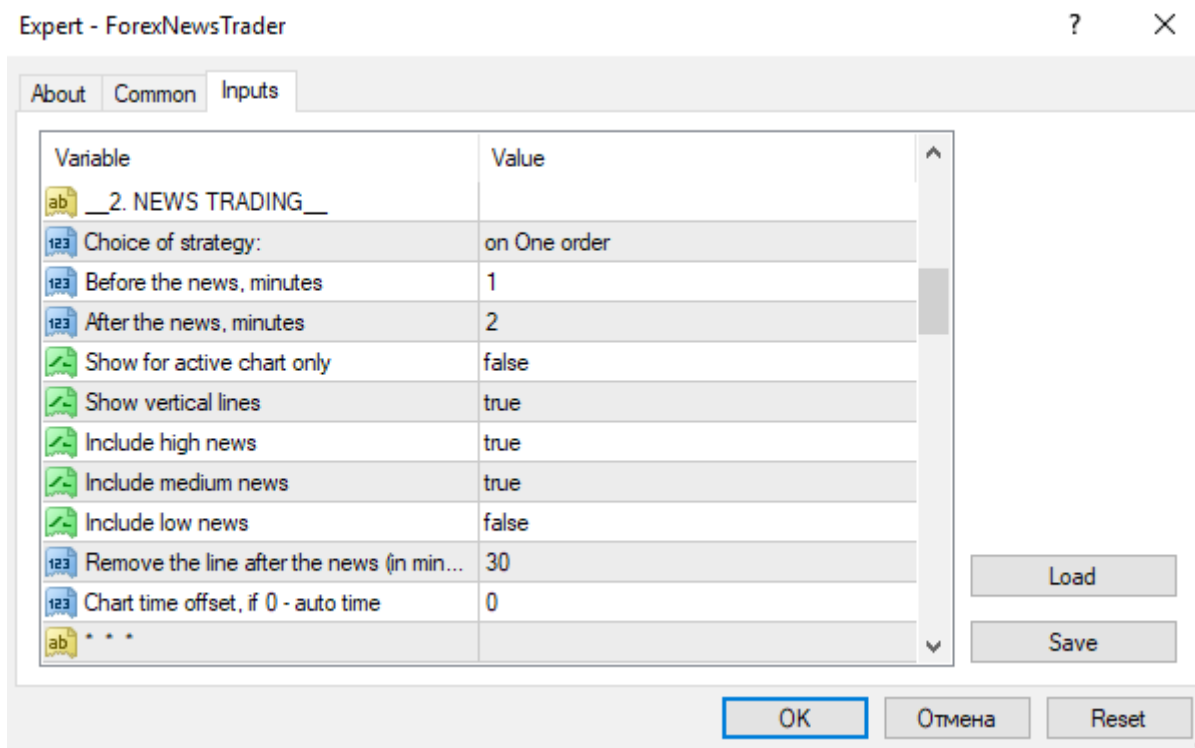
- **Disabled** - the news trading is disabled.
- **Grid immediately** - before the news release, the EA places two grids of pending buy and sell orders, when one order is opened, the grid of orders of the opposite direction is removed.

- **Grid gradually** - the beginning of work is similar to the strategy "One order", but if one order was opened and the price continues to move in the same direction, then the EA gradually begins to place additional orders of the same type and in the same direction as the price moves.
- **on One order** - before the news release, the EA places one pending order in each direction, if one order is opening the rest are deleted.



Before the news, minutes = 1 - 1 minute before the news release, the EA will place pending buy and sell orders.

After the news, minutes = 2 - after 2 minutes after the news if the orders are not open, they are removed and the EA will wait for new news.



Show for active chart only = false - if true, then the indicator will show news only for the currency pair on which it is set, for example for EURUSD only financial news from the US and Europe.

Show vertical lines = true - show vertical news lines on the chart.

Include high news = true - show the lines with news of high importance.

Include medium news = true - show the lines with news of medium importance.

Include low news = true - show the lines with news of low importance

Remove the line after the news (in minutes) = 30 - after the news release, the EA will remove the vertical line from the charta after set time.

Chart time offset, if 0 - auto time = 0 - the difference (in hours) between UTC time and MetaTrader 4 time, if set to 0, then the time difference is determined automatically.

Block 3. PENDING ORDERS TYPE

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About Common Inputs

Variable	Value
ab ____ 3. PENDING ORDERS TYPE ____	
123 Pending orders type:	Stop Orders
ab ____ STOP Orders ____	
123 Indent first order from the price	10
123 Distance between Stop orders	10
ab ____ LIMIT Orders ____	
123 Indent first order from the price	20
123 Distance between Limit orders	15
ab * * *	

Load Save

OK Отмена Reset

Pending orders type:

- **Stop Orders** - only stop orders (Buy Stop and Sell Stop);
- **Limit Orders** - limit orders only (Buy Limit and Sell Limit);
- **Stop & Limit** - together stop and limit orders.

Variable	Value
ab ____ 3. PENDING ORDERS TYPE ____	
123 Pending orders type:	Stop Orders
ab ____ STOP Orders ____	Stop & Limit Limit Orders Stop Orders
123 Indent first order from the price	
123 Distance between Stop orders	10

__ STOP ордера __

Indent first order from the price = 10 - indent of the first stop order in the series from the price (Bid or Ask).

Distance between Stop orders = 10 - the distance in points between stop orders, the minimum distance is equal to the stop level.

__ LIMIT ордера __

Indent first order from the price = 20 - the indentation of the first in a series of limit orders from the price (Bid or Ask).

Distance between Limit orders = 15 - the distance in points between limit orders, the minimum distance is equal to the stop level.

Block 4. TRAILING STOP

ab ____ 4. TRAILING STOP ____	
123 Mode selection:	Normal
Virtual trailing stop	Total trailing stop Mobile stop loss
123 Timeframe for trailing stop:	Percentage
123 Trailing stop by:	Normal
123 Trailing stop level	30

Mode selected: – the choice of strategy is the trailing stop, maybe 4 positions:

- **Normal** - standard trailing stop, starts trail only when there is profit;
- **Percentage** - when a new level of profit (3 levels in total) is reached, the trade volume will be partially reduced by a fixed percentage;
- **Mobile stop loss** - stop loss follows the price like a trailing stop immediately after the order is opened;
- **Total trailing stop** - by one (average) stop loss closes all open orders in one direction, including losing orders.

Virtual trailing stop - virtual (not visible for broker) a trailing stop, for a trader in the lower right corner of the graph displays information about the position of the virtual stop loss.

Virtual trailing stop	false
123 Timeframe for trailing stop:	30 Minutes
123 Trailing stop by:	1 Month
123 Trailing stop level	1 Week
123 Step trailing stop	1 Day
123 Indent from High/Low and fractals	4 Hours
123 Level of Volumes	1 Hour
ab -- Moving Average: --	30 Minutes
123 MA Period	15 Minutes
123 MA Shift	5 Minutes
	1 Minute
	current
	0

Timeframe for trailing stop: - choice of the timeframe by which you want to work with trailing stop (except for Points).

123 Timeframe for trailing stop:	30 Minutes
123 Trailing stop by:	Points
123 Trailing stop level	Parabolic SAR
123 Step trailing stop	Moving Average
123 Indent from High/Low and fractals	Volumes
123 Level of Volumes	Fractals
ab -- Moving Average: --	High/Low
	Points

Trailing stop by: - selecting the type of trailing stop on the instrument can be 6 positions:

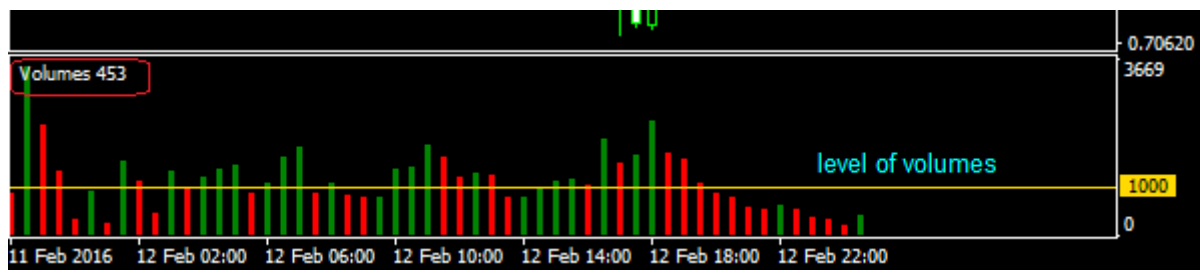
- **Points** - standard trailing stop by points;
- **High/Low** - the High/Low of the previous bar;
- **Fractals** - by fractals;
- **Volumes** - by volumes;
- **Moving Average** - by moving average;
- **Parabolic SAR** - by Parabolic SAR.

Trailing stop level = 30 - trailing stop level in points.

Step trailing stop = 2 - step of trailing: if the profit is 30 points, trailing will move a stop-loss to 2 points.

Indent from High/Low and fractals - the distance in points from the stop loss to the maximum or the minimum of the bar or the fractal.

Level of Volumes = 100 - sets the level volumes. Trailing stop is work if columns of a volume histogram are lower than a pre-set level – 100, if the columns are higher than the level, then trailing will be temporarily disabled, until the columns are lower than the pre-set level, for 5-digit brokers automatically increases to 10.



----- Moving Average -----

MA Period - period moving average.

MA Shift - shift moving average.

MA method: - the choice method of calculation of the moving average.

123	MA Period	34
123	MA Shift	0
123	MA method:	Exponential
123	Applied price:	Linear weighted
ab	__ Parabolic SAR: __	Smoothed
1/2	Step	Exponential
1/2	Maximum	Simple
		0.1

Applied price: - choosing price to calculate the moving average.

123	MA method:	Exponential
123	Applied price:	Close price
ab	__ Parabolic SAR: __	Weighted price
1/2	Step	Typical price
1/2	Maximum	Median price
		Low price
		High price
ab	__ Trailing by percents: __	Open price
123	1_Reduction in the lot on:	Close price
123	1_Take Profit, points	20

----- Parabolic SAR -----

Step - step Parabolic SAR.

Maximum - maximum Parabolic SAR.

__ Trailing by percents: __

1_Reduction in the lot on: = 10 % - the choice of the first percentage for a first reduction of lot size.

1_Take Profit, points = 20 - the first Take Profit after which there will be the first partial closure of the position, reducing the volume of the lot by a fixed percentage.

1_Level breakeven, points = 5 - the first level of breakeven before the first partial closing of the position.

2_Reduction in the lot on: = 30 % - the choice of the second percentage for a second reduction of lot size.

2_Take Profit, points = 30 - the second Take Profit after which there will be a second partial closure of the position, reducing the volume of the lot by a fixed percentage.

2_Level breakeven, points = 10 - the second level of breakeven before the second partial closing of the position.

ab	__ Trailing by percents: __	
123	1_Reduction in the lot on:	10 %
123	1_Take Profit, points	90 %
123	1_Level breakeven, points	80 %
ab	----	70 %
		60 %
123	2_Reduction in the lot on:	50 %
123	2_Take Profit, points	40 %
123	2_Level breakeven, points	30 %
ab	----	20 %
		10 %
123	3_Reduction in the lot on:	No %
		80 %

3_Reduction in the lot on: = 80 % - the choice of the third percent for a third reduction of lot size.

3_Take Profit, points = 60 - the third Take Profit after which there will be a third partial closure of the position, reducing the volume of the lot by a fixed percentage.

3_Level breakeven, points = 20 - the third level of breakeven before the third partial closing of the position.

Block 5. TRADE BY TIME

ab	__ 5. TRADE BY TIME __	
Enable time	false	
ab	Start of operation time	00:30
ab	End of operation time	23:55
ab	...	

You can set a period of time, during which the Expert Advisor operates. After the set period of time has passed, the Expert Advisor will close all the positions (profitable and losing) and delete all the pending orders. At the start of the new period of time (usually it is the next day) the Expert Advisor will start its operation again.

Enable time = true – the period of time is enabled, false – the period of time is disabled.

Start of operation time = 00:30 – time, when the Expert Advisor starts to operate, set in hours and minutes.

End of operation time = 23:55 – the time, when the Expert Advisor stops its operation, set in hours and minutes.

There are several options of how to set the operation time of the Expert Advisor.

1st option: usual method – the operation time is set in hours and minutes a two-spot (:) between hours and minutes is put.

487	Taranus 😊	
Time: 07:59 - 19:55	1.5675	
Balance = 6637.39		
Equity = 6637.39	1.5655	
9956.09 4978.04		

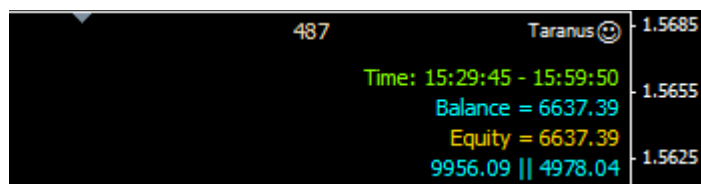
2nd option: setting up a year, a month, a day, an hour and a minute of start and end of the operation. A point is put between a year and a month, and also between a month and a day, then a space without a point is put, and afterwards a two-spot (:) between an hour and a minute is put.

487	Taranus 😊	
Time: 2015.08.05 15:00 - 2015.08.06 10:55	1.5675	
Balance = 6637.39		
Equity = 6637.39	1.5655	
9956.09 4978.04		

3rd option: setting up a day of start and a day of end of the operation are set. A year, a month and a day of start and a day of end of the operation are set up in the Expert Advisor's settings. A point is put between a year and a month, but not after a day. The Expert Advisor will start operation at 00:00 and stop operation at 00:00 on the pre-set day.

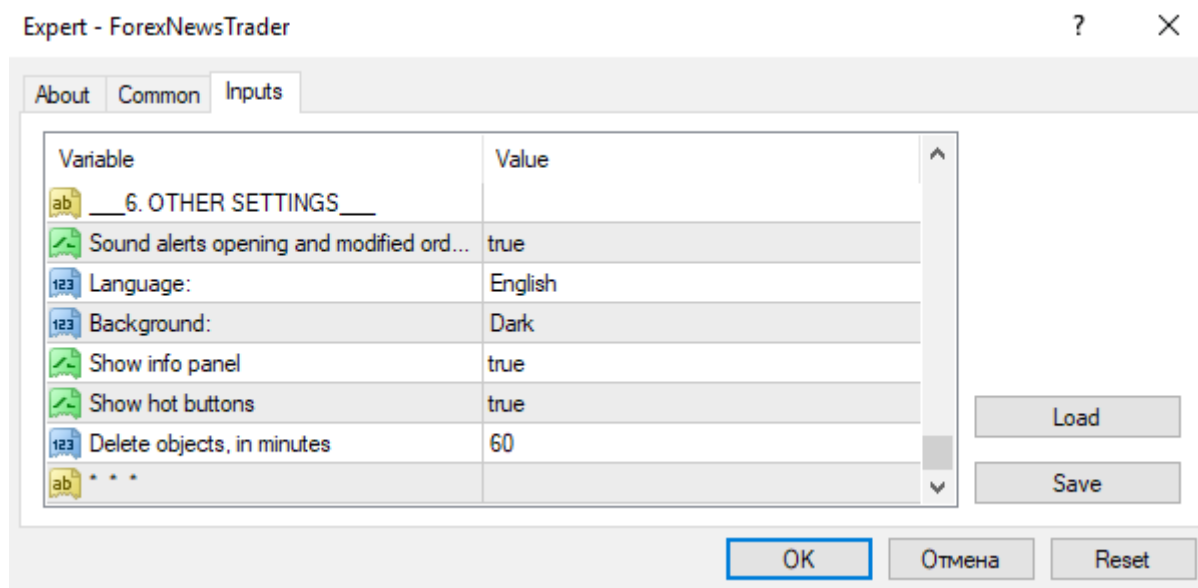


4th option: time of start and end of operation can be set within the accuracy of one second! A two-spot is put between an hour and a minute, and also between a minute and a second.

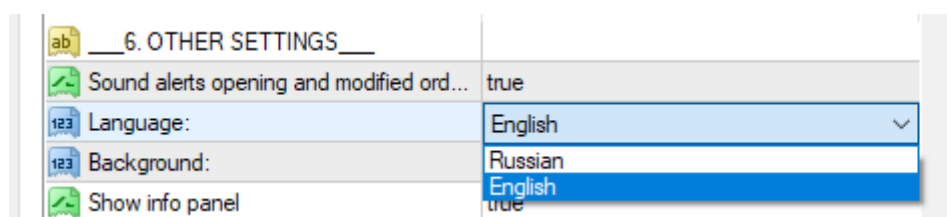


In this case we cannot ensure that the Expert Advisor will start and stop its operation within the accuracy of one second: it will largely depend on the quality of quotes arriving from a broker and the quality and the stability of your Internet connection.

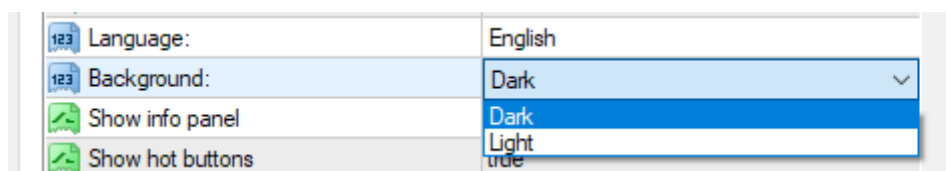
Block 6. OTHER SETTINGS



Sound alerts opening and modified orders = true - the EA beeps when a new order is opened and when the trailing stop is moving, if false – disabled.



Language: – switch the language on the info panel can be Russian or English.



Background: – selects the color background of the chart Dark and Light.

Show info panel = true - yes, show, false - no, do not show.

Show hot buttons = true - yes, show, false - no, do not show.

Delete objects, in minutes = 60 - clears the chart from unnecessary graphical objects (arrows, modified stop-loss and take-profit levels, etc.) in a certain period of time set in minutes (60) passed from the moment, when an object is created.

Test mode, only for tester = true - the function is intended only for technical testing of the EA in the tester and is not related to news trading.

[www. taranus.ru](http://www.taranus.ru)

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