

EA ForexNewsTrade

Version 2.2 June 2019

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://cdn-nfs.faireconomy.media/ff_calendar_thisweek.xml

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;
- select one news item from the news calendar by keyword;
- 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;
- 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.

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.



Close All – closes and deletes all orders in the terminal, as well as blocks the work of all Taranus advisors that are installed on this account, pressing the button again removes this lock.

Close Loss – closes only orders with loss on the current currency pair.

Close Profit – closes only orders with profit on the current currency pair.

Delete PO – deletes all pending orders on the current currency pair.

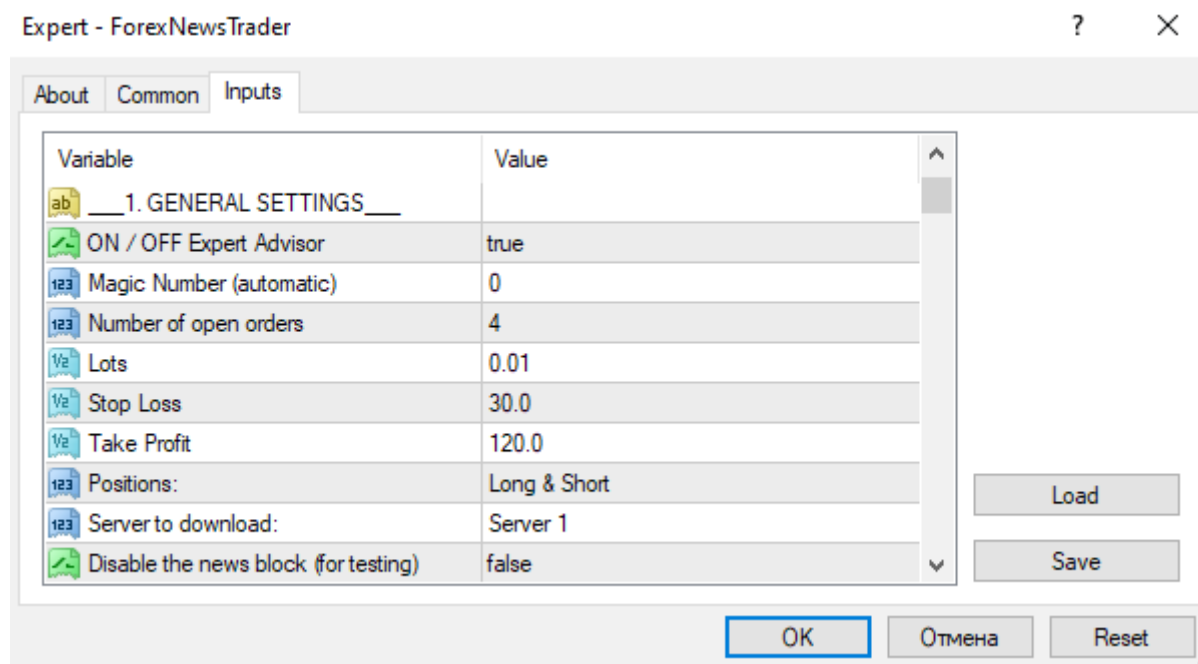
Delete SL – removes stop loss on the current currency pair from open orders.

External variables

The external variables used in [ForexNewsTrader](#) are split into 7 blocks for the sake of ease of use:

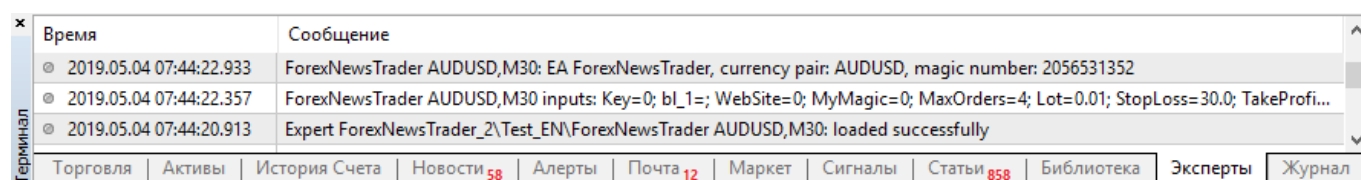
1. GENERAL SETTINGS
2. RISK MANAGEMENT
3. NEWS TRADING
4. PENDING ORDERS TYPE
5. TRAILING STOP
6. TRADE BY TIME
7. OTHER SETTINGS

Block 1. GENERAL SETTINGS



ON / OFF the Expert Advisor = true, to disable the EA, select false.

Magic Number (automatic) - allows you to specify the EA, which orders (with which magic number) it needs to track. If the magic number = 0, the EA automatically creates the original magic number, which will differ depending on the currency pair and the timeframe on which it is set. Instead of zero, you can set your magic number.



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

Lots = 0.01.

Stop Loss = 30.

Take Profit = 120.

Positions:

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

The screenshot shows a dropdown menu for the 'Positions' parameter. The menu is open, showing three options: 'Long only', 'Short only', and 'Long & Short'. The 'Long & Short' option is currently selected and highlighted in blue. Above the dropdown, the 'Take Profit' is set to 120.0 and 'Trailing stop open positions' is set to false.

Server to download: - select forexfactory servers to download the news calendar file.

- **Server 1** - http://cdn-nfs.faireconomy.media/ff_calendar_thisweek.xml;
- **Server 2** - http://www.forexfactory.com/ff_calendar_thisweek.xml (not working, may 2019).

The screenshot shows a dropdown menu for the 'Server to download' parameter. The menu is open, showing two options: 'Server 1' and 'Server 2'. The 'Server 1' option is currently selected and highlighted in blue. Above the dropdown, the 'Positions' parameter is set to 'Long & Short'.

Disable the news block (for testing) = false, if you select true, the entire block 3 "News trading" is completely disabled, it allows you to speed up the EA operation in the strategy tester.

Block 2. RISK MANAGEMENT

The screenshot shows the 'Expert - ForexNewsTrader' settings window with the 'Inputs' tab selected. The window contains a table of variables and their values, along with 'Load', 'Save', 'OK', 'Отмена', and 'Reset' buttons.

Variable	Value
___2. RISK MANAGEMENT___	
Trailing stop open positions	true
Breakeven	false
Profit to enable a breakeven	15.0
Breakeven level	3.0
Profit/Loss percent	false
Profit % for close orders	10.0
Loss % for close orders	50.0
Slippage	2

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 3. NEWS TRADING

Expert - ForexNewsTrader

? X

About Common Inputs

Variable	Value
ab ____3. NEWS TRADING____	
123 Choice of strategy:	on One order
123 Before the news in seconds	40
123 After the news in minutes	2
ab __ Show news __	
Include high news	true
Include medium news	true
Include low news	true
Include holidays	true
Show news for all currencies	true
ab Find on keyword	
ab __ Calendar, settings __	
Show news panel	true
123 News panel location:	Top-left
Show vertical lines	true
123 Remove the line after the news (in min...	15
123 Chart time offset, if 0 - auto time	0
Allow updates calendar	true

Load Save

OK Отмена Reset

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

- **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.
- **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.
- **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.
- **Disabled** - the news trading is disabled.

ab	3. NEWS TRADING	
123	Choice of strategy:	on One order
123	Before the news in seconds	on One order
123	After the news in minutes	Grid gradually
ab	Show news	Grid immediately
		Disabled
	Include high news	true

Before the news in seconds = 40 - 40 seconds before the news release, the EA will place pending buy and sell orders. It's not a fact that a you broker will allow you to place your orders in 10-15 seconds. before important news. If you want to place orders as earlier 1 minute before the news, you will need to set 60 seconds.

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 news

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

Include holidays = true - show holidays.

Show news for all currencies = false, if true, the EA will display news on all currencies on the news panel, in the order of priority by time.

Importantly: in this case, the chart will show the news lines only for the current currency pair. For example, if this pair is EUR USD, the chart will show news lines only for EUR and USD. The EA shows **only 6 news** at once! As time passes, old news is removed and new ones are added.

Find on keyword - when you enter the name of the news in this line, the EA will find this news in the news calendar and will work only on this new.

	Include holidays	true
	Show news for all currencies	true
ab	Find on keyword	Non-Farm
ab	Calendar, settings	

Calendar, settings

Show news panel = true - displays text news on the chart.

News panel location:

- **Top-left** - a list of 6 news items is located at the top left;
- **Bottom-left** - a list of 6 news items is located on the bottom left.

ab	Calendar settings	
	Show panel	true
123	News panel location	Top-left
	Show vertical lines	Top-left
123	Remove the line after the news (in min...	Bottom-left
123	Chart time offset, if 0 - auto time	0

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

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.

Allow updates calendar = true, calendar updates automatically, once a day, if you do not want to receive calendar updates, select false.

Block 4. PENDING ORDERS TYPE

Variable	Value
__4. PENDING ORDERS TYPE__	
Pending orders type:	Stop Orders
__STOP Orders__	
Indent first order from the price	6.0
Distance between Stop orders	6.0
__LIMIT Orders__	
Indent first order from the price	20.0
Distance between Limit orders	15.0

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.

__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 5. TRAILING STOP

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.

5. TRAILING STOP	
Mode selection:	Normal
Virtual trailing stop	Normal
Timeframe for trailing stop:	Percentage
Trailing stop by:	Mobile stop loss
Trailing stop level	Total trailing stop
	30.0

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.

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

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

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.

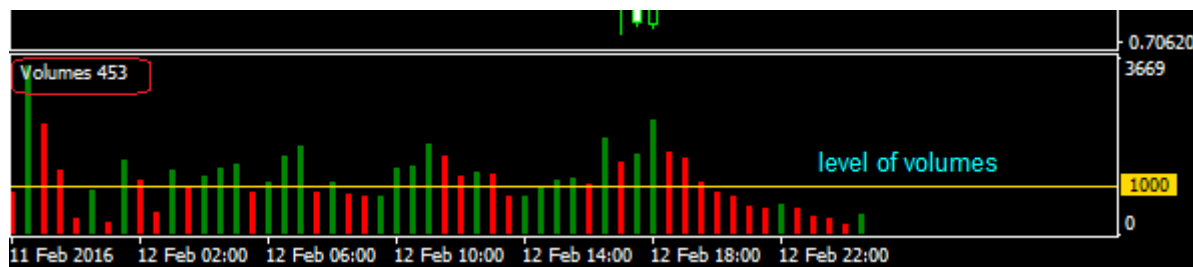
Timeframe for trailing stop:	30 Minutes
Trailing stop by:	Points
Trailing stop level	Parabolic SAR
Step trailing stop	Moving Average
Indent from High/Low and fractals	Volumes
Level of Volumes	Fractals
	High/Low
	Points
__ Moving Average: __	

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
ab	__ Trailing by percents: __	High price
123	1_Reduction in the lot on:	Open price
123	1_Take Profit, points	Close price
		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.

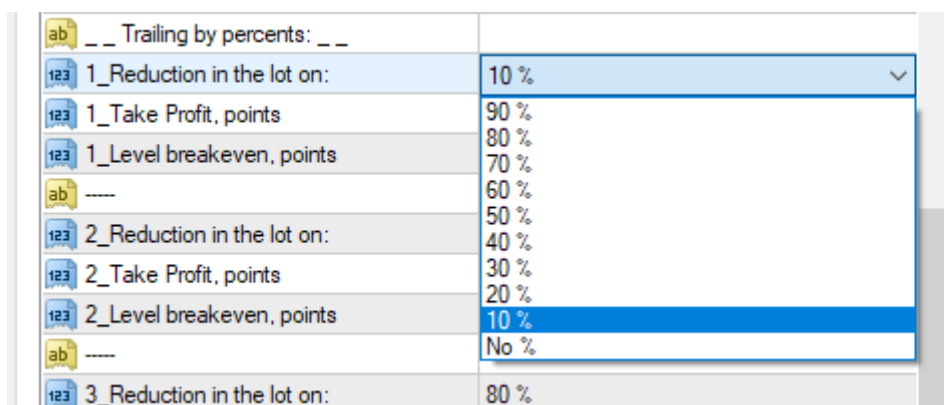
1_Take Profit, points = 20 - the first Take Profit after which there will be the first partial closure of the position, reducing the volume of the lot by a fixed percentage.

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.



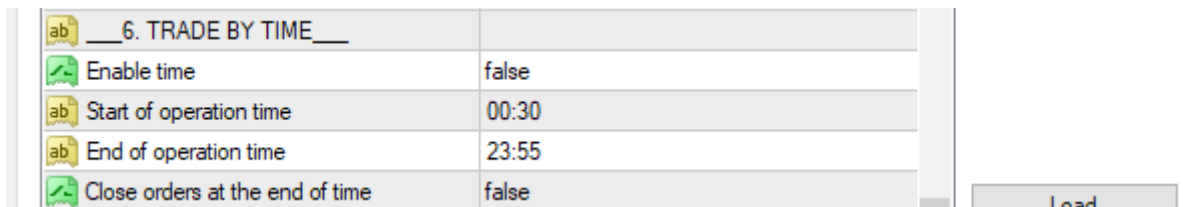
ab	__ Trailing by percents: __	
123	1_Reduction in the lot on:	10 %
123	1_Take Profit, points	90 %
123	1_Level breakeven, points	80 %
ab	----	70 %
		60 %
123	2_Reduction in the lot on:	50 %
123	2_Take Profit, points	40 %
123	2_Level breakeven, points	30 %
ab	----	20 %
		10 %
		No %
123	3_Reduction in the lot on:	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 6. TRADE BY TIME



ab	__ 6. TRADE BY TIME __	
123	Enable time	false
ab	Start of operation time	00:30
ab	End of operation time	23:55
123	Close orders at the end of time	false

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.

Close orders at the end of time = false, if true, the EA will close all open orders and delete all pending orders on this currency pair at the end of the trading time.

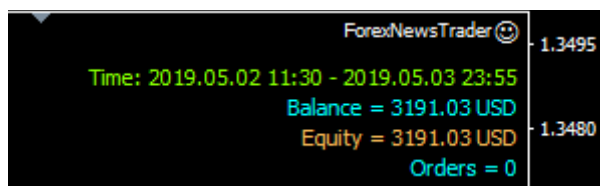
There are several options of how to set the operation time of the Expert Advisor.

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



ForexNewsTrader	1.3495
Time: 15:00 - 20:55	
Balance = 3191.03 USD	
Equity = 3191.03 USD	1.3480
Orders = 0	

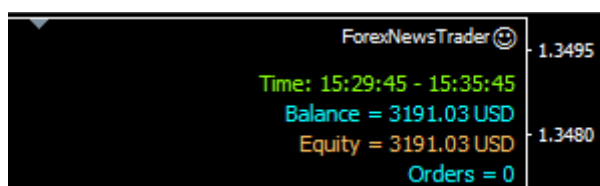
2nd option: setting up a year, a month, a day, an hour and a minute of start and end of the operation. A point is put between a year and a month, and also between a month and a day, then a space without a point is put, and afterwards a two-spot (:) between an hour and a minute is put.



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.

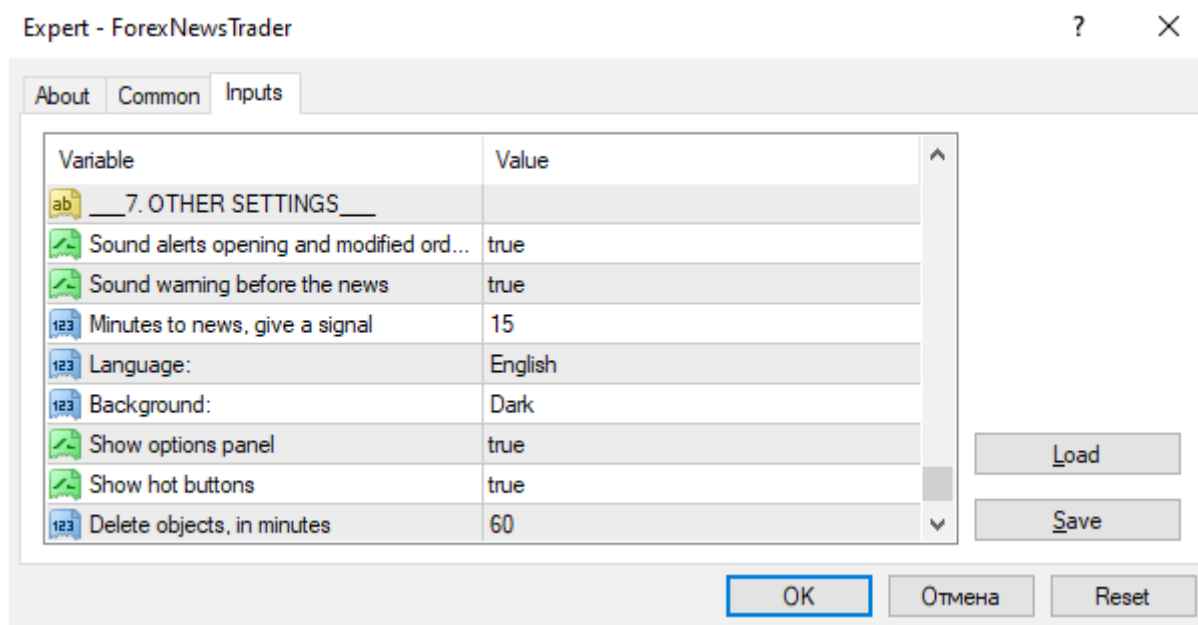


4th option: time of start and end of operation can be set within the accuracy of one second! A two-spot is put between an hour and a minute, and also between a minute and a second.



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 7. 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.

Sound warning before the news = true - the EA in advance before the release of the news will beep. If false, then the sound is disabled.

Minutes to news, give a signal = 15 - how many minutes before the news to signal.

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

123	Minutes to news, give a signal	15
123	Language:	English
123	Background:	English
	Show options panel	Russian
	Show hot buttons	true

Load

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

123	Language:	English
123	Background:	Dark
	Show options panel	Light
	Show hot buttons	Dark
	Delete objects, in minutes	true
123		60

Load

Save

Show options panel = true - displays textual information about the financial status of the account and currently active commands on the chart, if false, it does not show messages.

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.