



STUFIC PARAMETERS, VERSION 11.9

Basic Parameters:

StrategyName = Stufic / name your EA for journal tab and log

CommentShortcut = 11.9 / shortcut for identifying orders of this EA by comment

SetStartDate = 8.12.2015 / date of actual set file (its good to know age of settings)

EAPeriod = 3 / Period of EA. Its useful for testing across all periods (timeframes).

- 0 = PERIOD_M1;
- 1 = PERIOD_M5;
- 2 = PERIOD_M15;
- 3 = PERIOD_M30;
- 4 = PERIOD_H1;
- 5 = PERIOD_H4;
- 6 = PERIOD_D1;
- 7 = PERIOD_W1;

MagicNumber = 800 / EAs magic number for trades. Its important to set different Magic Numbers when you use STUFIC on more charts

M5_Bar_EA = true / Special EA which is based on opening price of 5M candles. Perfect for high accuracy testing with Open Price Method (its processor time saving optimizing) - results are the same like Everytick mode and like real trading!

Orders global settings:

Lots = 0.1 / fixed basic lot size

MoneyManagement = false / Lot size will be adapted to each 10000 USD amount. Example: when balance is increased to 20000 USD, Lot 0.1 will be $(20000 / 10000) * 0.1 = 0.20$

MaxAllowedLotSize = 10 / set your maximum acceptable lot size

MaxAllowedSpread = 40 / New trades will be opened only when spread is smaller or equal MaxAllowedSpread. Five digits brokers use 40 = 4.0 pips. Four digits brokers use 4 = 4.0 pips.

SL and TP global parameters:

SLTP_tr_start_hours = 36 / give some time to trailing take profit and trailing stop loss. EA wait the required number of hours before it starts to move trailing SL and TP of opened order.



SL_tr_speedCandle = 350 / for unexpected spikes and big movements you can use this parameter. It activate and tighten trailing stop loss to SL_tr_Offset when there is a big candle on the market (in the news for example)

SL_tr_Offset = 300 / depends on SL_tr_speedCandle. Actual SL will be moved to distance of SL_tr_Offset from Bid price when last candle was bigger than SL_tr_speedCandle.

Orders global rules:

StopStartDistance = 100 / it will place STOP orders instead of market orders. The main advantage is trailing STOP which following price.

OrdDistanceOpen = 100 / it never open new trade when the price is not far than OrdDistanceOpen from orders

OrdHoursDelayOpen = 1 / it never open new trade if there is no required delay after last open

OrdHoursDelayClose = 2 / it never open new trade if there is no required delay after last close

Indicators for signals parameters:

There are four indicators for your choice. You can use one, two or three in one time. You can choose which is more important and which not.

WPR = Williams %R divergence: small amount of trades but very stable for some markets

CCI = CCI special cross: amounts of trades, good for faster trading, not good for some markets

STO = Stochastic levels: very stable on 90% of all markets, average amount of trades

ENV = Envelopes indicator: very nice for jumping markets

SignalMain = ENV / Main signal. If there is a signal from this indicator, other indicators cannot open orders

SignalSlave1 = WPR / Second Slave signal is accepted only if SignalMain has no valid signal

SignalSlave2 = STO / Third Signal will be used only if SignalMain and SignalSlave1 have no valid signal

Similar parameters for all indicators:

XXX_MaxOrders = 3 / how many orders can be opened by this indicator for each direction (3 means 3x SELL and 3x BUY)

XXX_Hedging = true / allow hedging or not, if there are BUY orders, SELL must wait for closing and vice versa

XXX_SL = 600 / Stop Loss in points (100 = 10 pips with five digits brokers). Stop Loss will be placed when market order is realized or when STOP order change to market order.

XXX_TP = 1700 / Take Profit. The same principle like Stop loss.



XXX_TP_trailing = true / Are you a fan of trailing Take Profit? We are! :-)

If the trade is not going to your direction we want to be out as soon as possible. And what about you?

This parameter will scale down Take Profit. Its good for early exit.

XXX_TimeZone = -1 / we divide day to 231 timezones which cover all important trading timezones. If you set -1 TimeZone is not active and StartHour and EndHour parameter will be used. Otherwise StartHour and EndHour will be set by predefined TimeZone. Its very useful for consistent optimizing of the EA.

XXX_DisableDay = -1 / There are global settings of trading days for all indicators but this parameter can discard one day specially for selected indicator. 0 = Sunday, 1 = Monday,... 5 = Friday, -1 = disabled

XXX_Period = 50 / Number of bars for selected indicator. Bars depends on EAPeriod (if EAPeriod = 1, it means that 1bar = 1M, EAPeriod=2 it means 1bar = M2, etc...

Special Williams %R divergence parameters:

WPR_LevelPrev = 40 / maximal level of Williams %R of previous bars (defined in MaxBarsPrev); Rec.: 5 - 50

WPR_LevelNow = 3 / maximal level of Williams %R of actual bars (defined in MaxBarsNow); Rec.: 1 - 20

StartBar = 2 / Offset by actual bar

MinDivergencePerc = 8 / Minimal possible divergence size expressed in percent (in indicator)

MinDivergencePips = 50 / Minimal possible divergence size expressed in pips (in chart)

MaxBarsNow = 10 / Maximal number of bars where to search for highest/lowest start point of divergence

MaxBarsPrev = 100 / Maximal number of bars where to search for highest/lowest end point of divergence

Special Commodity Channel Index parameters

CCI_ZeroOffset = 0 / Indicator boundaries are approximately between -240 to +240, so Zero Offset means offset from 0 level which will be accepted for signal. Example: CCI_ZeroOffset = 180 will produce valid signal when CCI will be over 180 level and also for opposite below -180.

CCI_PriceType = 3 / Used price. 0 = Price close; 1 Open; 2 High; 3 Low; 4 Median; 5 Typical; 6 Weighted

Special Stochastic indicator parameters: (D period is not used)

STO_Slow_K = 21 / Slow Stochastic K period

STO_Slow_S = 10 / Slow Stochastic Slowing

STO_Fast_K = 5 / Fast Stochastic K period

STO_Fast_S = 2 / Fast Stochastic Slowing



STO_Level = 20 / Stochastic levels are from 100 to 0. This value is used for both sides. 20 means levels 100-20 = 80 and 0+20 = 20.

Special Envelopes indicator parameters:

ENV_Divergence = 0.20 / Value for the indicator. For bigger EAPeriod use bigger values. Starting from 0.05, to 1.00 or 4.50

ENV_Stoch_K = 21 / Stochastic K period

ENV_Stoch_S = 10 / Stochastic Slowing

ENV_Stoch_Level = 20 / Stochastic levels are from 100 to 0. This value is used for both sides. 20 means levels 100-20 = 80 and 0+20 = 20.

ENV_Switch_Level = false / switch signals produced by overbought and oversell zones

Global Time filter parameters:

StartHour = 0 / From 0 to 23 hour. StartHour defining the start of markets monitoring for new signals. Trailing Stop Losses and Take Profits are controlled whole time and not depends on StartHour. If XXX_TimeZone is used StartHour will be ignored.

EndHour = 0 / From 0 to 23 hour. If XXX_TimeZone is used EndHour will be ignored.

StartMinute = 5 / Define your preferred minute for new trades. We dont like opening trades on the hour, so we are using 5 minute.

EndMinute = 55 / We would like to finish opening new trades before some news which are often in whole hour.

Sunday = true / Disable opening of new orders for selected days. SL and TP is managed whole time.

Monday = true; / One day can also be switched off using XXX_DisableDay of selected indicator

Tuesday = true;

Wednesday = true;

Thursday = true;

Friday = true;

Protection parameters:

MaxUsedMargin = 70 / New orders will not be accepted when this level of margin will be reached

MinimalBalance = 3000 / Absolute value of minimal balance on your account accepted for opening new trades

Speacial monitoring parameters:



If you have your own website with FTP you can setup your FTP settings in Options. STUFIC will send you CSV file with some parameters.

ValuesCSVFilename = "" / Its filename. If you leave empty the filename will be „values-MagicNumber-AccountNumber.csv"

SaveValuesToCSV = true / This parameter prevents the loss of values such as Highest Equity, Lowest Equity, Maximal Spread, Minimal Spread which can be lost due to MetaTrader restart.

SaveValuesToCSVMinutes = 30 / Save values every SaveValuesToCSVMinutes minutes

SendValuesCSVtoFTP = false / CSV file can be send to your FTP

SendValuesCSVtoFTPMinutes = 60 / CSV file will be send every SendValuesCSVtoFTPMinutes minutes

Optimization parameters:

Stufic using speacial method for testing. It is appropriate to make the best use of the possibilities MetaTrader and genetic optimization.

HideInfo = false / Hide Control Panel (if you dont like it)

HideInfoBG = false / Hide only background of Control Panel

PanelColor = clrDarkGoldenrod / Change the color of Control Panel, see color at mq15.com

GA_ScoringMethod = SQN / You can choose special method for optimization of STUFIC EA. This method produce speacial value for genetic algorithm. You can see this value in OnTester column.

You can choose one of:

- **Balance/Equity Drawdown ratio** / this method is based on ratio between Balance or Equity and Drawdown
- **Weight method** / special weighted value which cover drawdown, profit, number of trades, expected payoff and profit factor
- **STUFIC Score & OutOfSample profit** / this method combine System Quality Number with OutOfSample profit (OutofSample is based on data after PeriodEndDate below). If you see this number in your reports 5.31001450 it means SQN = 5.31 and OutOfSample profit is 1450 USD.
- **SQN** / Pure System Quality Number based on Van K Tharp formula
- **SQN Score** / SQN with score based on number of trades

MinStopLevelTesting = 20 / Set your StopLevel for testing (because some brokers have fake StopOut it better to count with some amount of StopLevel)

MaxDrawdownRatio = 0.2 / Genetic Algorithm will be affected by this ratio. If you perefer optimization results with drawdown smaller than 20% from your deposit, set it to 0.2.



MinProfitRatio = 0.5 / Lets play with Genetic Algorithm. Say them that you want to get results with profit of 50% from your deposit.

PeriodEndDate = 2015.05.01. / YYYY.MM.DD, Hide data from optimization to Our Of Sample period using this date.

Yeah. Its a forward test. How to? Select Use Date and From: To: in Strategy Tester. PeriodEndDate must be set to few weeks before the end of testing date.

Example: From 2012.05.01 To: 2015.12.01 and PeriodEndDate: 2015.05.01.

Genetic algorithm will use only 2012.05.01 to 2015.05.01 date but this 2015.05.01 to 2015.12.01 is your OutOfSample result.

If you have any questions please contact us on info@parbest.com or info@tomashruby.com