Introduction

Good day can you please design for me an EA that will work on MT4. suitable for all currency, indices and commodity.

The Main purpose of the EA indicator is to Highlight a specific candle which will be refer as a trading zone. Once the EA detect that candle, The EA will highlight and project that candle, which will be a trading zone. It's can be a buy zone or sell zone.

If the user chooses the Monthly timeframe, the EA will detect that specific candle on the Monthly timeframe according to the conditions, and the rest goes the same if the user choose the other different timeframe

The EA will work on the on **Daily, Weekly and Monthly timeframe only** but based on certain conditions.

- The Mt4 EA that will be working based on based on the **TDI, Parabolic SAR, Moving averages, and the ADX indicator.**
- The EA must be able to send custom signals notifications on telegram
- The EA must be able to place pending orders, **(buy limit and sell limit).**

- The User must be able to select if the EA will send signal only or if the EA can take trades only or both.

Very important:
Once all the conditions are met, the EA should be highlighting a specific candle based on certain conditions and that highlighted candle will be our trading zone and if we switch on the lower timeframe, such as 4HR,1HR,30min,15min,5min or 1 min, the EA must highlight the trading zone chosen on the bigger timeframe.

Buy zone example on weekly timeframe

The main purpose of the EA Indicator is to find that specific candle, then once the EA find that specific candle the EA will project that zone and we can even switch in a lower timeframe.

Important note:

The white area is the buy zone, so the EA will place the buys limit pending order at the top or inside the buy zone

Buy zone projected on Lower timeframe

Here is an example of the buy zone find on the Weekly candle, now it's has been projected on a lower timeframe, which is a 4HR timeframe.

Important note: The white area is the buy zone, so the EA will place the buys limit pending order at the top or inside the buy zone

Sell zone example on weekly timeframe

Important note: The white area is the sell zone, so the EA will place the sells limit pending order at the bottom or inside the sell zone

Sell zone on projected on lower timeframe

Here is an example of the sell zone find on the Weekly candle, now it's has been projected on a lower timeframe, which is a 4HR timeframe.

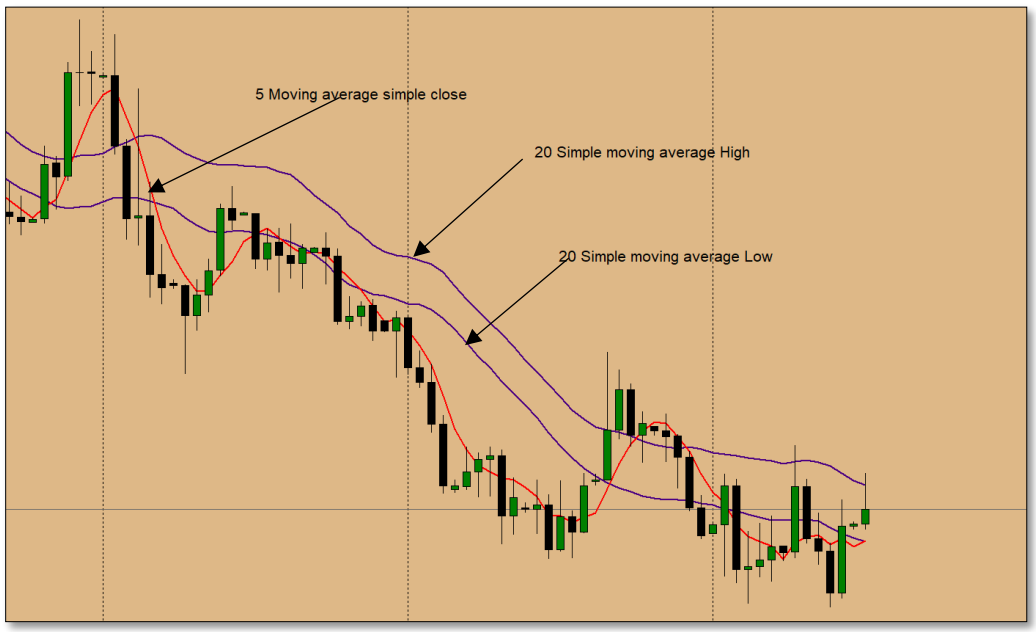
Important note: The white area is the sell zone, so the EA will place the sells limit pending order at the bottom or inside the sell zone

2 EA component

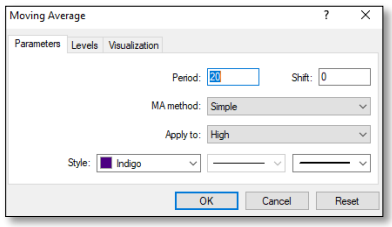
The Main purpose of the EA indicator is to Highlight a specific candle which will be refer as a trading zone. Once the EA detect that candle, The EA will highlight and project that candle, which will be a trading zone.

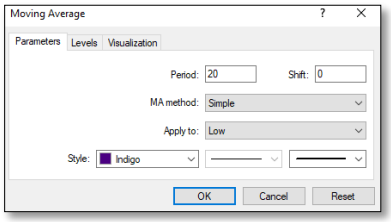
To find the specific candle EA will need these following indicators

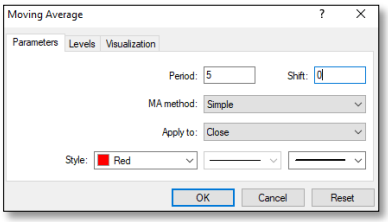
- 5 Simple moving average close
- 20 Simple moving average Low
- 20 Simple moving average High
- Parabolic Sar
- TDI
- ADX Indicator



Here are the parameters of the 3 moving averages

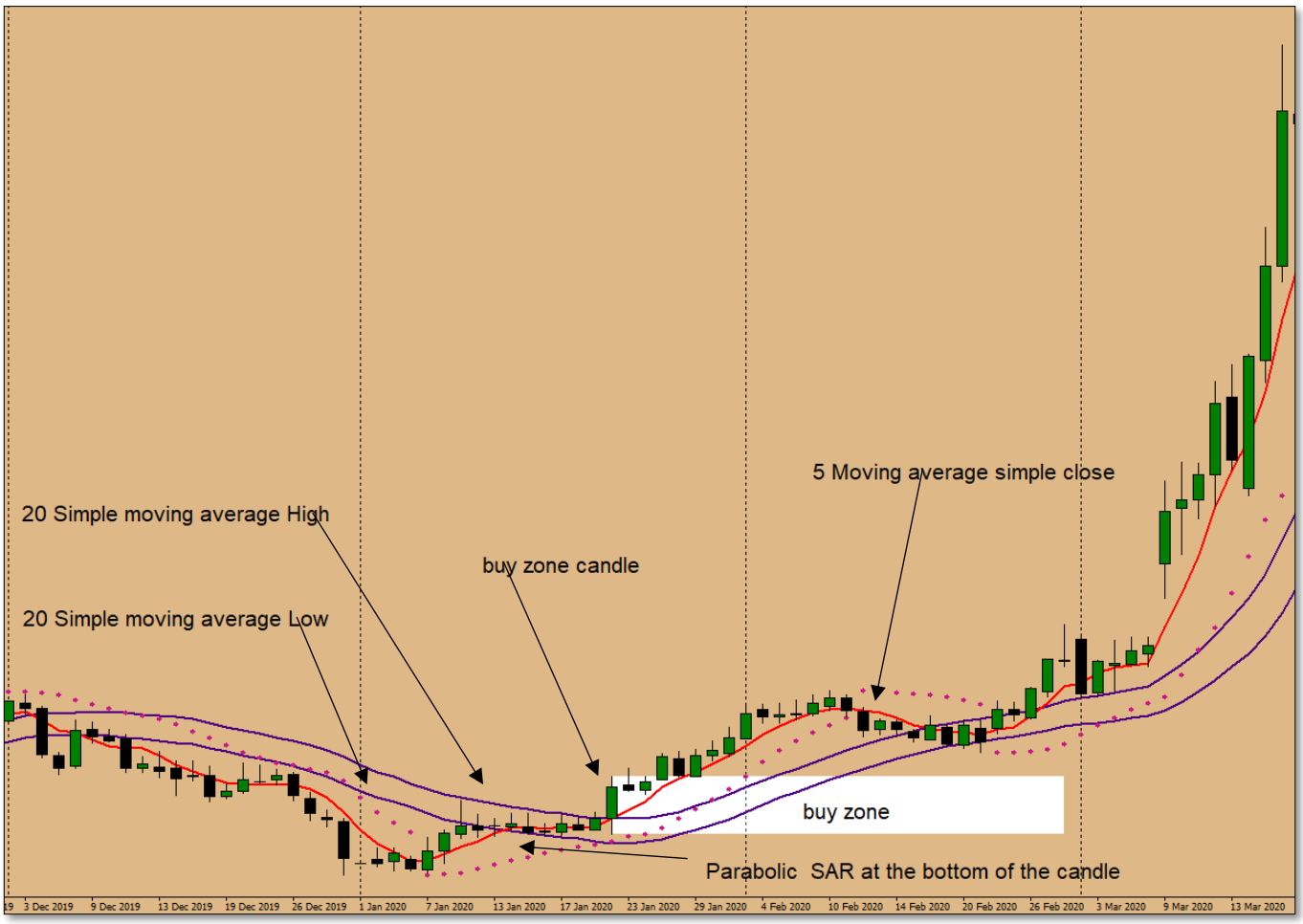






Finding the buy zone with the 3 moving averages and Parabolic Sar

The picture below will illustrate a buy scenario



Buy zone condition is found when that first candle break and close above all the three moving averages and the parabolic SAR is below the chart

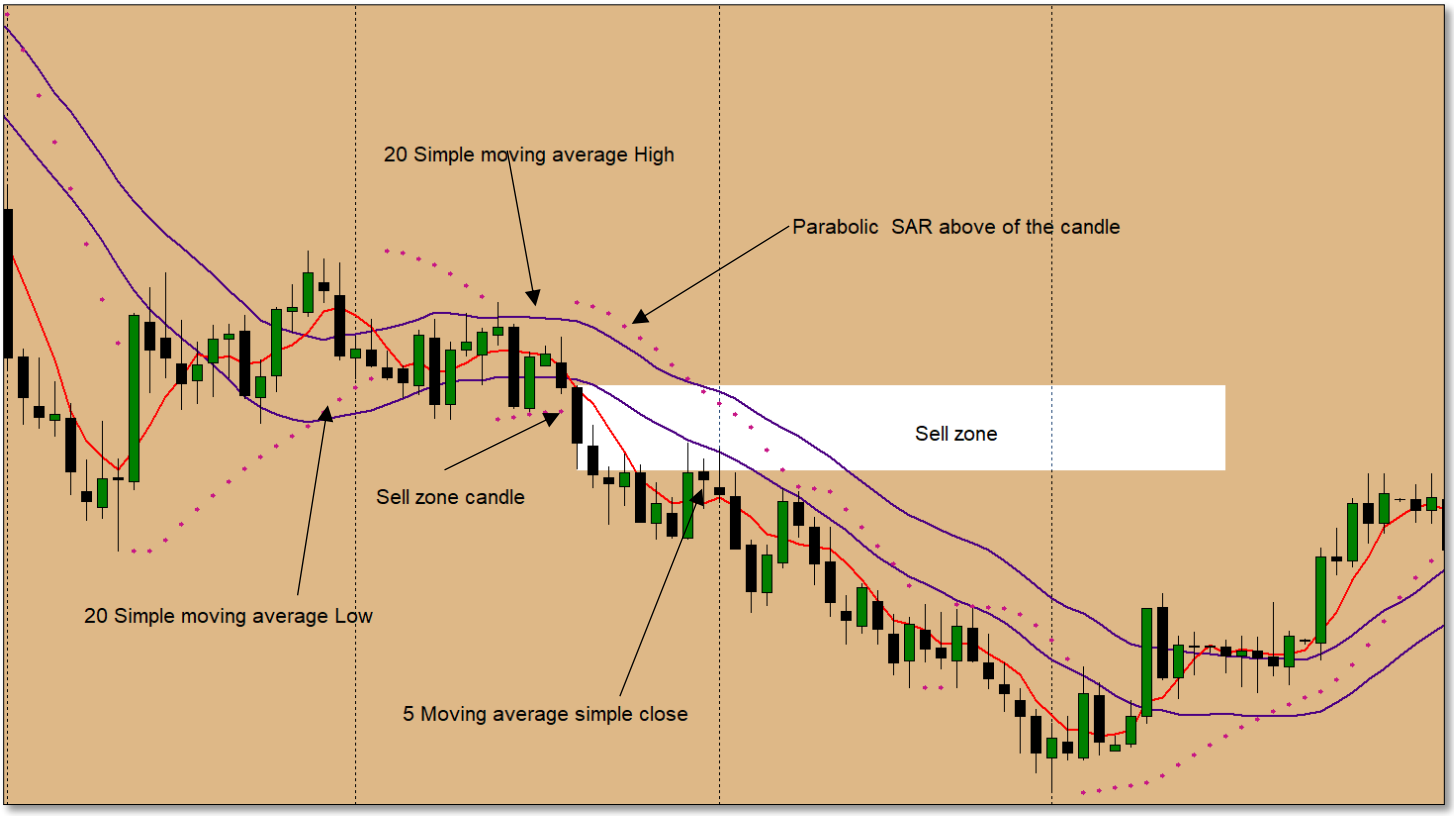
- First candle breaking above the three moving averages
- Parabolic SARS at the bottom of the chart

Finding the Sell zone with the 3 moving averages and Parabolic Sar

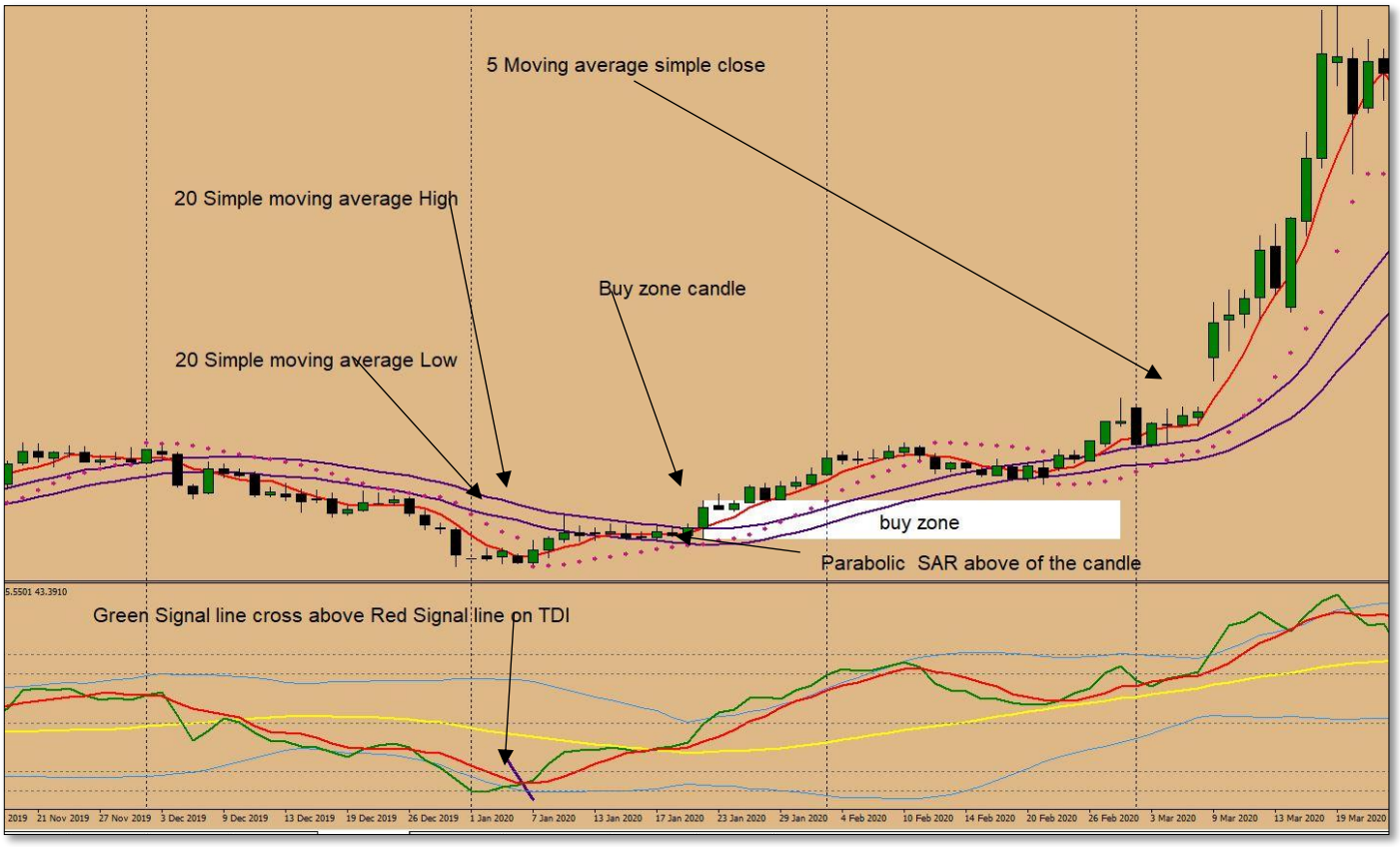
Sell zone condition is found when that firs break and close below all the three moving averages and the parabolic SAR above the chart

- First candle breaking below the three moving averages
- Parabolic SARS above the chart

The picture below will illustrate a sell scenario



Finding the buy zone with the 3 moving averages, Parabolic SARS & TDI



Buy zone condition is found when that first candle break and close above all the three moving averages and the parabolic SAR below the charts and the green signal on the TDI has already cross above the red signal on the TDI

- First candle breaking below the three moving averages
- Parabolic SARS below the charts
- Green signal on the TDI has already cross above the red signal on the TDI

All these 3 confluences have to meet

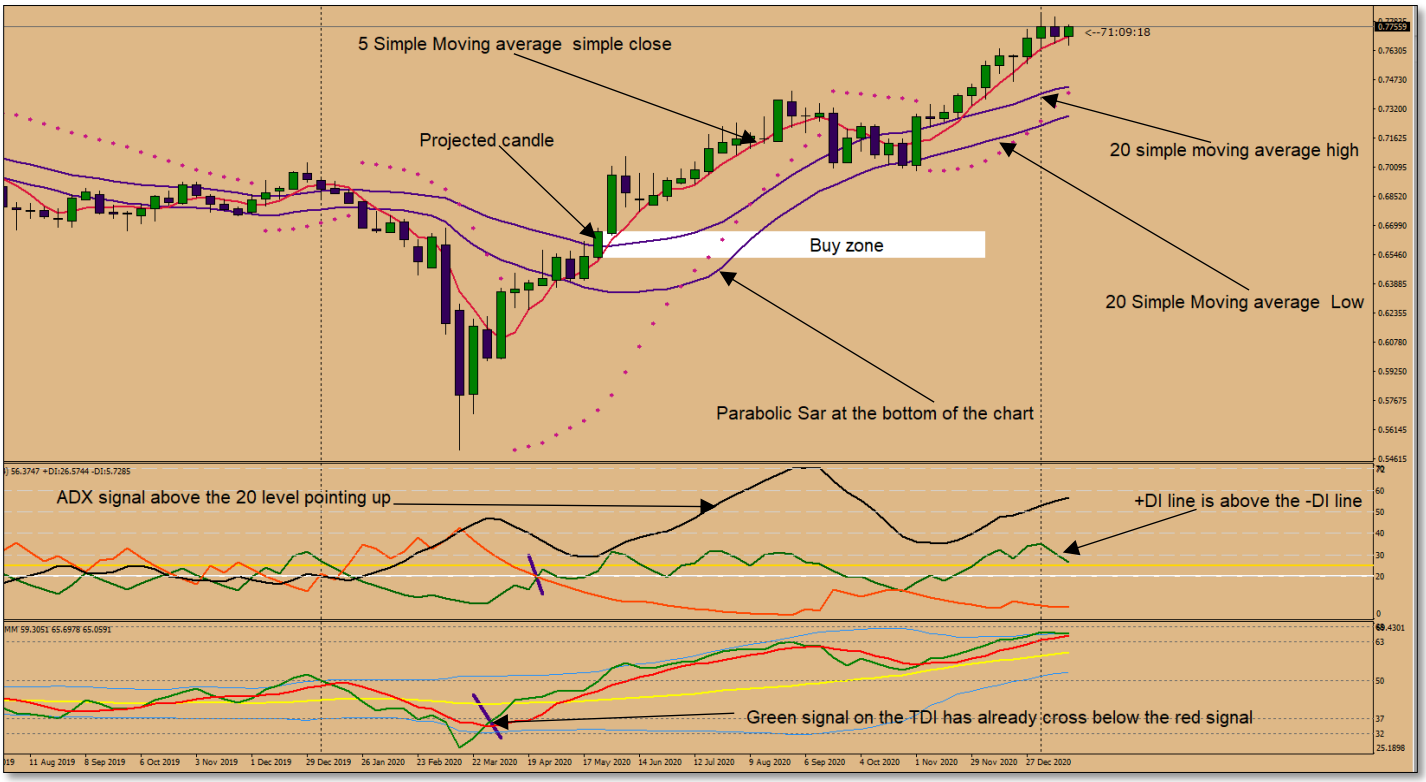
Finding the sell zone with the 3 moving averages, Parabolic SARS & TDI

Sell zone condition is found when that first candle break and close below all the three moving averages and the parabolic SAR above the chart and the green signal on the TDI has already cross below the red signal on the TDI

- First candle breaking below the three moving averages
- Parabolic SARS above the charts
- Green signal on the TDI has already cross below the red signal on the TDI

All these 3 confluences have to meet to meet

Finding the buy zone with the 3 moving averages, Parabolic SARS TDI and ADX putting all together

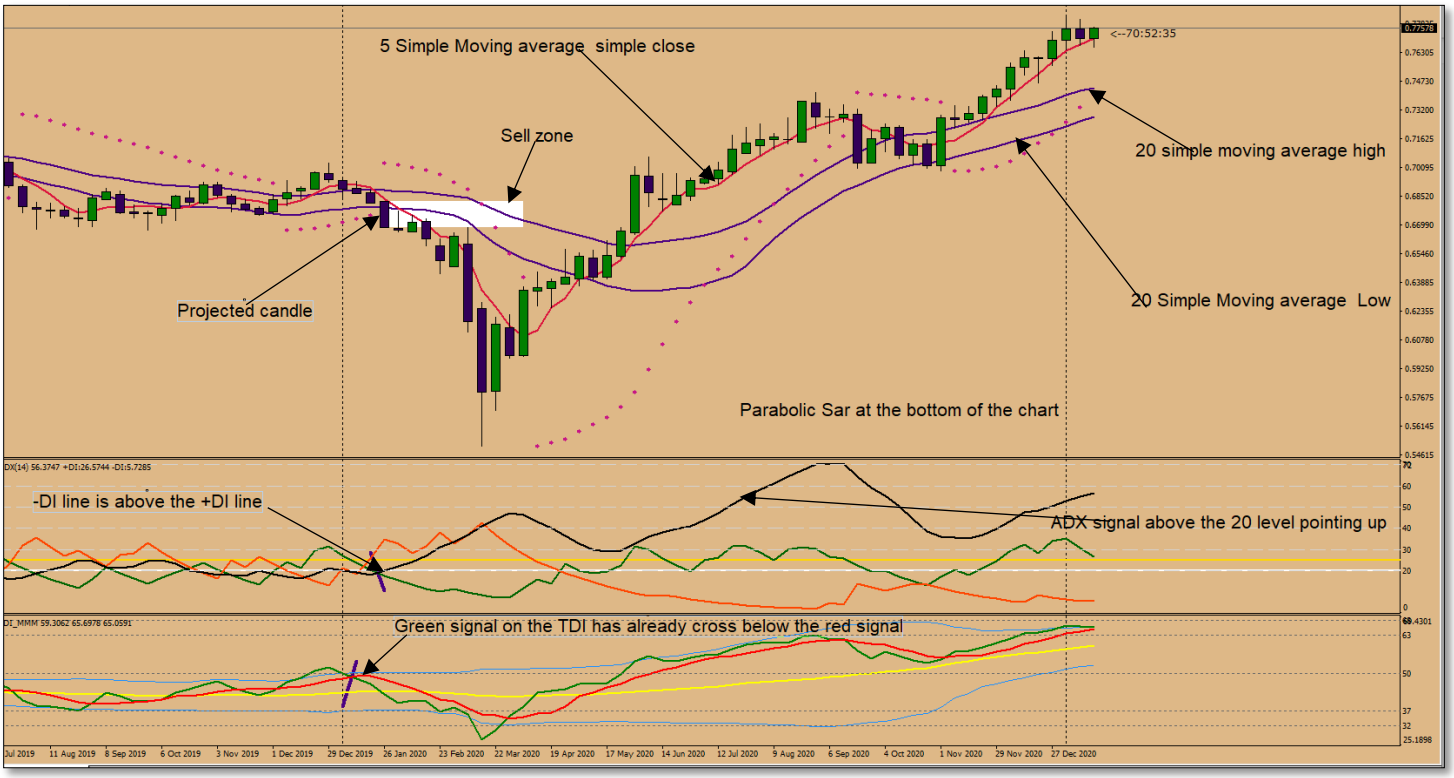


Buy zone condition is found when that first candle break and close above all the three moving averages and the parabolic SAR below the charts and the green signal on the TDI has already cross above the red signal on the TDI

- First candle breaking below the three moving averages
- Parabolic SARS below the charts
- Green signal on the TDI has already cross above the red signal on the TDI
- On the ADX the signal Line has to be above the 20 level
- On the ADX the positive +DI line has crossed above the negative -DI line

All these the 4 confluences have to meet in order to detect the zone candle

Finding the Sell zone with the 3 moving averages, Parabolic SARS, TDI and ADX putting all together



Sell zone condition is found when that first candle break and close below all the three moving averages and the parabolic SAR below the charts and the green signal on the TDI has already cross above the red signal on the TDI

- First candle breaking below the three moving averages
- Parabolic SARS below the charts
- Green signal on the TDI has already cross above the red signal on the TDI
- On the ADX the signal Line has to be above the 20 level
- On the ADX negative -DI line has crossed above the positive +DI line

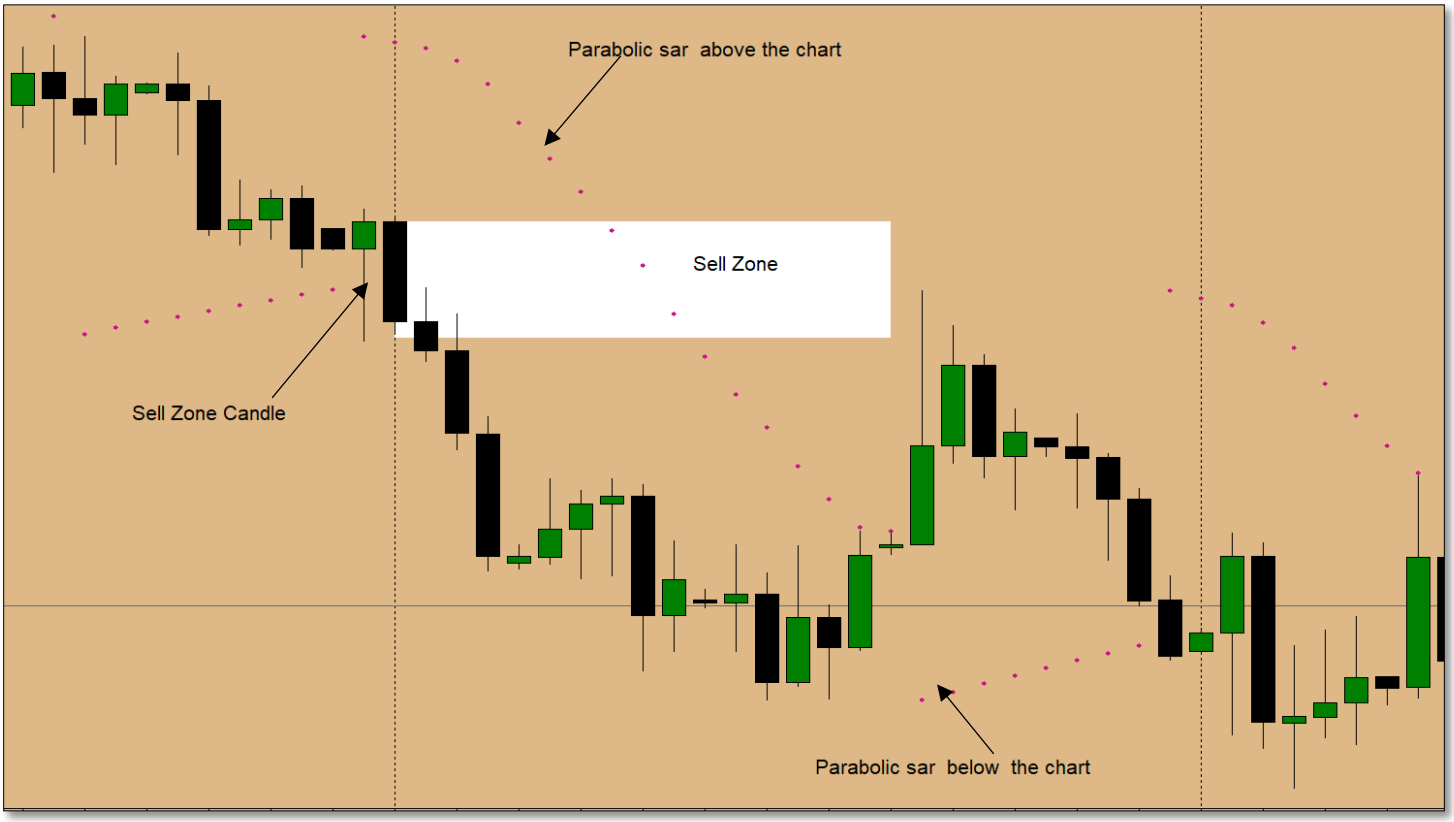
All these the 4 confluences have to meet in order to detect the zone candle

Projected Zone

After all the conditions have been met, the EA will project the highlighted zone until the parabolic sar start pointing the opposite direction.

Here on the picture below the Sell zone will keep project that zone until the parabolic sar on the opposite direction start appearing on the opposite direction and the same goes for a buy setup

Here is an example.



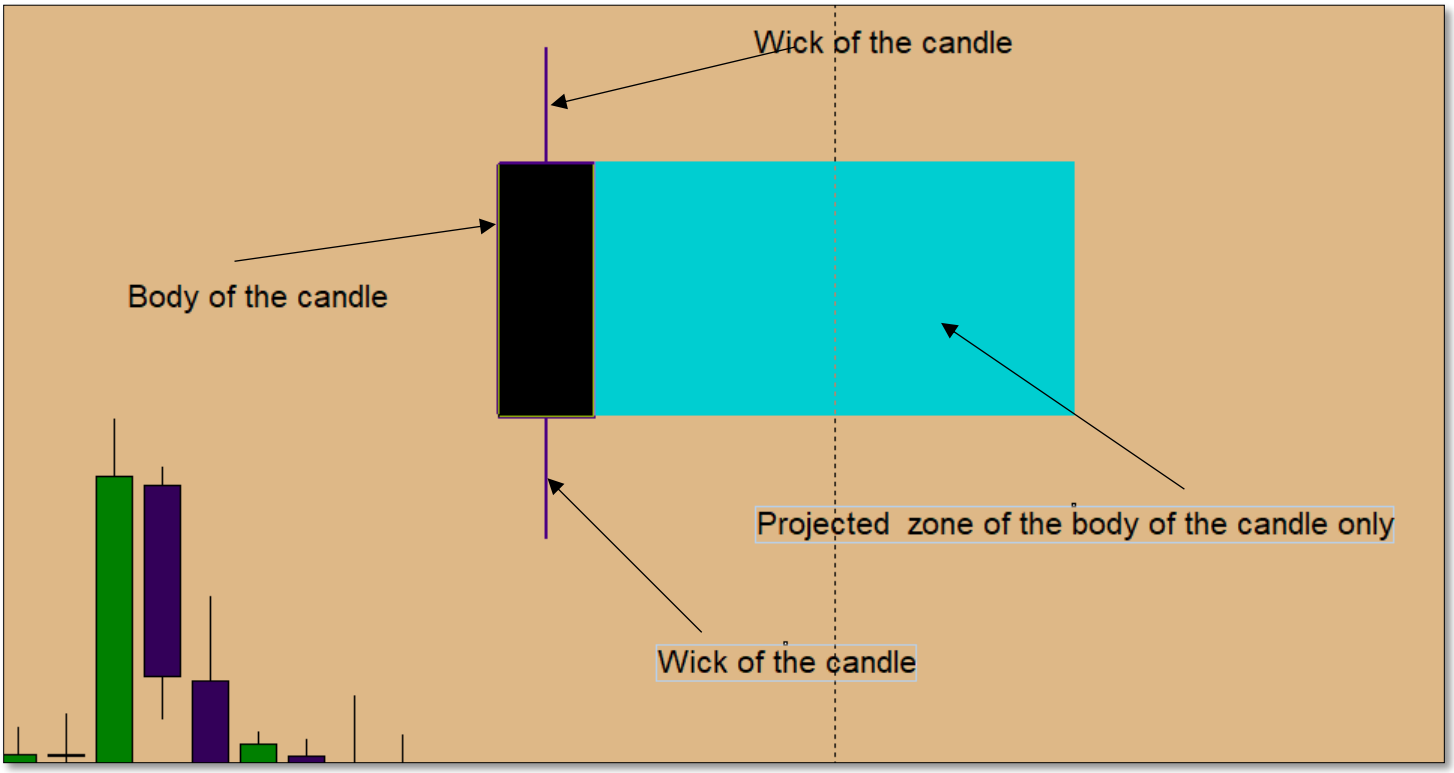
On the picture above we see that the sell zone stopped projecting the zone when the parabolic sar start point below the chart for a buy setup

Trading in the zone

After the EA has detected the specific candle that will either project the trading zone, which can either be a **buy zone or sell zone.**

The EA will highlight the body of the candle without the wicks of the candle.

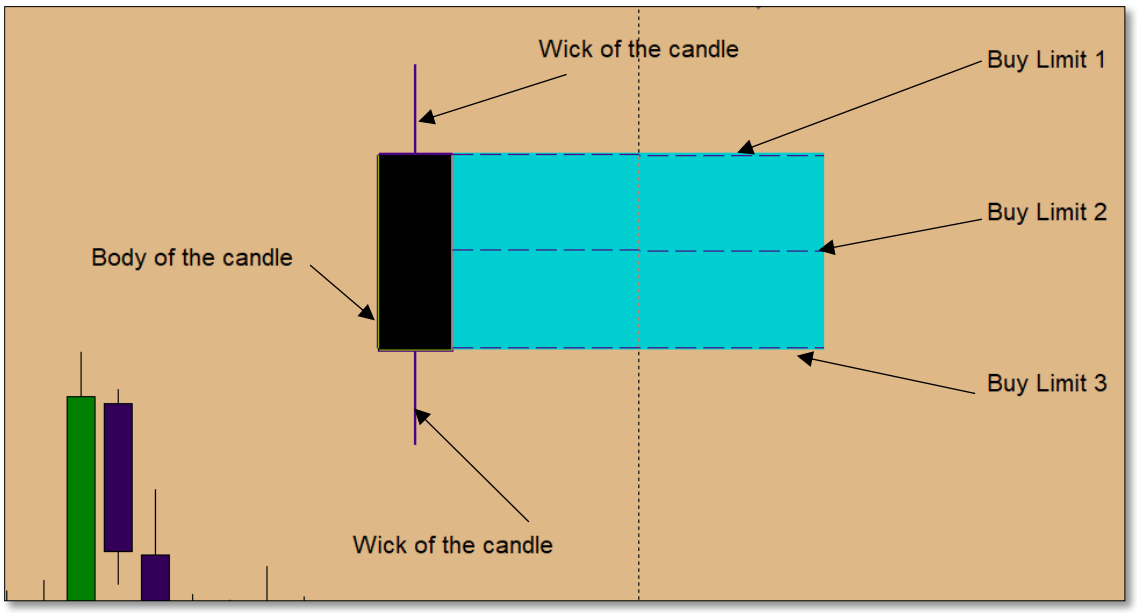
Here is an Example



From the picture above, we can see that the body of the candle has been highlighted and projected until the EA the market start changing the direction, and, in this case, parabolic SAR has to point the opposite direction.

- The EA must show the pips value of the highlighted zone of the body of the candle.

Buying in the Highlighted zone

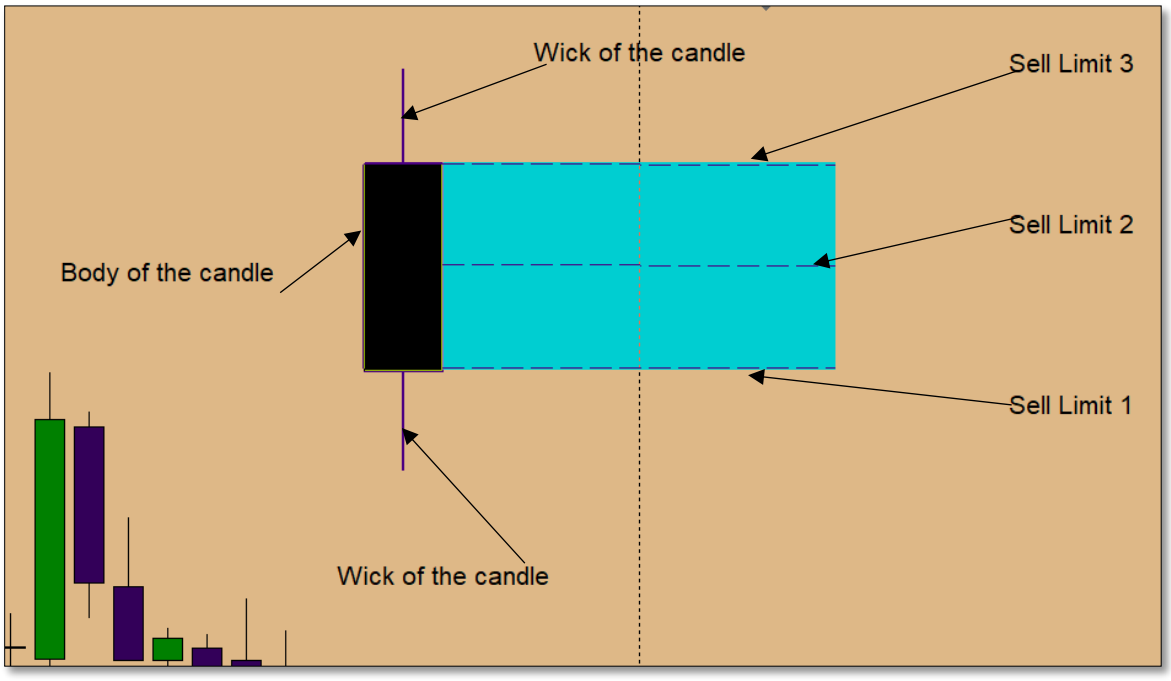


In this case we have a buy setup and the and the body of the candle has been highlighted.

Once the body has been highlighted and projected, the EA will automatically place 3 pending orders.

- Buy limit 1 at the top of the zone
- Buy limit 2 in the middle of the zone
- Buy limit 3 at the bottom of the zone.

Selling in the Highlighted zone



In this case we have a sell setup and the body of the candle has been highlighted.

Once the body has been highlighted and projected, the EA will automatically place 3 pending orders.

- Sell limit 1 at the Bottom of the zone
- Sell limit 2 in the middle of the zone
- Sell limit 3 at the top of the zone.

EA Robot feature

- The user must be able to activate the automatic trade or not
- The User must be able to activate the EA to send signals or not

- The EA must have a good money management
  The user must be able to select the preferable manual lot size on each individual trade or the automatic trade can be switch by selecting the risk management in terms of percentage.

- The user must be able to select the target profit and stop loss
- Take profit and stop loss must be hidden from the broker
- The option of taking half of the profit if we reach the target must be available
- On the Screen the EA must able to show the sell limit, buy limit, buy stop and sell stop
- The EA must be able to show the risk percentage and drawdown
- The EA must be able to show the number of pending orders that active and non-active

Here is a typical example of information that the EA can display but we will discuss this