**Update Alerts Indicator & Add Some More Features**

**I have an indicator that triggers an alert every time BID price crosses above the highest Bollinger band (by a fixed margin of say X points) and every time ASK price crosses below the lowest Bollinger bands (by a fixed margin of say X points)**

**There are some extra conditions such as how many alerts it can trigger per candle and the number of alerts and the duration between alerts. It also has the option to trigger alerts for a different timeframe and for multiple charts directly from 1 chart alone. This has all been done and you can copy the code so this job can be done very quickly.**

**This is what I want you to add to this indicator:  
1) input bool TriggerBBAlerts = True/False for this. (When false then indicator does not trigger any alerts  
2) Code to trigger alerts when price crosses above or below 3 Moving Averages. I should be able to specify them in the settings, including the number of alerts, the duration between alerts. The alert message should read as follows:**

**“Symbol Timeframe - Above SMA X” or**

**“Symbol Timeframe - Below SMA X”**

**\*Note – when price crosses above I need alert only when Bid crosses above  
\*Note – when price crosses below I need alert only when Ask crosses above**

**3) Code to trigger alerts when RSI crosses above or below what I setup in the settings. I could use overbought at 70 or 75 or 80 etc and oversold at 30 or 20 or 15 and I want to be able to set the RSI period as per my wish. I need alerts for 3 RSI. The alert message should read as follows:**

**“Symbol Timeframe – OverBought RSI X” or**

**“Symbol Timeframe – OverSold RSI X” or**

**Please kindly go through the entire requirement before bidding.**

**I have made the part of the settings I need. I have just commented it out so you understand my requirement.**

**//-------------1st SMA Alerts Settings------------------------------------------------------------**

**//input bool Activate1stSMA = True //Activate 1st SMA Alerts?**

**//input int 1stSMAPeriod = 20; //1st SMA Alert Period**

**//input int 1stSMAMargin = 30; //1st SMA Margin in Points**

**//input bool 1stSMAMobileAlert = True; //1st SMA Mobile Alert**

**//input bool 1stSMAScreenAlert = True; //1st SMA Screen Alert**

**//input int 1stSMAAlertNumbers = 3; //1st SMA Count of Alerts**

**//input int 1stSMAAlertSpace = 1; //1st SMA Seconds Interval Between Alerts**

**//input int 1stSMAAlertTrigger = 1; //1st SMA Number of times alerts will trigger per candle**

**//input string 1stSMAActiveTimeframe = "H1; H4; D1;"; //1st SMA Active Timeframes**

**//-------------2nd SMA Alerts Settings------------------------------------------------------------**

**//input bool Activate2ndSMA = True //Activate 2nd SMA Alerts?**

**//input int 2ndSMAPeriod = 50; //2nd SMA Alert Period**

**//input int 2ndSMAMargin = 30; //2nd SMA Margin in Points**

**//input bool 2ndSMAMobileAlert = True; //2nd SMA Mobile Alert**

**//input bool 2ndSMAScreenAlert = True; //2nd SMA Screen Alert**

**//input int 2ndSMAAlertNumbers = 3; //2nd SMA Count of Alerts**

**//input int 2ndSMAAlertSpace = 1; //2nd SMA Seconds Interval Between Alerts**

**//input int 2ndSMAAlertTrigger = 1; //2nd SMA Number of times alerts will trigger per candle**

**//input string 2ndSMAActiveTimeframe = "H1; H4; D1;"; //2nd SMA Active Timeframes**

**//-------------3rd SMA Alerts Settings------------------------------------------------------------**

**//input bool Activate3rdSMA = True //Activate 3rd SMA Alerts?**

**//input int 3rdSMAPeriod = 200; //3rd SMA Alert Period**

**//input int 3rdSMAMargin = 30; //3rd SMA Margin in Points**

**//input bool 3rdSMAMobileAlert = True; //3rd SMA Mobile Alert**

**//input bool 3rdSMAScreenAlert = True; //3rd SMA Screen Alert**

**//input int 3rdSMAAlertNumbers = 3; //3rd SMA Count of Alerts**

**//input int 3rdSMAAlertSpace = 1; //3rd SMA Seconds Interval Between Alerts**

**//input int 3rdSMAAlertTrigger = 1; //3rd SMA Number of times alerts will trigger per candle**

**//input string 3rdSMAActiveTimeframe = "H1; H4; D1;"; //3rd SMA Active Timeframes**

**//-------------1st RSI Alerts Settings------------------------------------------------------------**

**//input bool Activate1stRSI = True //Activate 1st RSI Alerts?**

**//input int 1stRSIPeriod = 2; //1st RSI Alert Period**

**//input int 1stRSIOverBought = 99; //1st RSI OverBought Alert**

**//input int 1stRSIOverSold = 1; //1st RSI OverSold Alert**

**//input bool 1stRSIMobileAlert = True; //1st RSI Mobile Alert**

**//input bool 1stRSIScreenAlert = True; //1st RSI Screen Alert**

**//input int 1stRSIAlertNumbers = 3; //1st RSI Count of Alerts**

**//input int 1stRSIAlertSpace = 1; //1st RSI Seconds Interval Between Alerts**

**//input int 1stRSIAlertTrigger = 1; //1st RSI Number of times alerts will trigger per candle**

**//input string 1stRSIActiveTimeframe = "H1; H4; D1;"; //1st RSI Active Timeframes**

**//-------------2nd RSI Alerts Settings------------------------------------------------------------**

**//input bool Activate2ndRSI = True //Activate 2nd RSI Alerts?**

**//input int 2ndRSIPeriod = 5; //2nd RSI Alert Period**

**//input int 2ndRSIOverBought = 95; //2nd RSI OverBought Alert**

**//input int 2ndRSIOverSold = 5; //2nd RSI OverSold Alert**

**//input bool 2ndRSIMobileAlert = True; //2nd RSI Mobile Alert**

**//input bool 2ndRSIScreenAlert = True; //2nd RSI Screen Alert**

**//input int 2ndRSIAlertNumbers = 3; //2nd RSI Count of Alerts**

**//input int 2ndRSIAlertSpace = 1; //2nd RSI Seconds Interval Between Alerts**

**//input int 2ndRSIAlertTrigger = 1; //2nd RSI Number of times alerts will trigger per candle**

**//input string 2ndRSIActiveTimeframe = "H1; H4; D1;"; //2nd RSI Active Timeframes**

**//-------------3rd RSI Alerts Settings------------------------------------------------------------**

**//input bool Activate3rdRSI = True //Activate 3rd RSI Alerts?**

**//input int 3rdRSIPeriod = 14; //3rd RSI Alert Period**

**//input int 3rdRSIOverBought = 75; //3rd RSI OverBought Alert**

**//input int 3rdRSIOverSold = 25; //3rd RSI OverSold Alert**

**//input bool 3rdRSIMobileAlert = True; //3rd RSI Mobile Alert**

**//input bool 3rdRSIScreenAlert = True; //3rd RSI Screen Alert**

**//input int 3rdRSIAlertNumbers = 3; //3rd RSI Count of Alerts**

**//input int 3rdRSIAlertSpace = 1; //3rd RSI Seconds Interval Between Alerts**

**//input int 3rdRSIAlertTrigger = 1; //3rd RSI Number of times alerts will trigger per candle**

**//input string 3rdRSIActiveTimeframe = "H1; H4; D1;"; //3rd RSI Active Timeframes**

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