Easy Language Listing with preliminary comments

Tradestation Easy Language	Comment
[LegacyColorValue = true];	cosmetic
Vars: stb(0),sts(0),minRng(0);	variable declaration
minRng = MinMove/PriceScale*20;	20
minRng = MaxList(minRng,avgTrueRange(10));	ATR for GbpUsd over the last couple of years ranges from min of ~300 to a max of ~900 with an average of 450. Therefore this result would be the ATR of the last 10 bars, say 400
if(open > close and close <= close[1]) then	This was a Down candle and this candle closed below the close of the previous candle IOW, this is a Down move
begin	
stb = Open of tomorrow + minRng * .50;	BuyPrice = tomorrow's Open + (0.0200) Basically, we make it easier to Buy since this was a Down day and we're lower than the day before.
sts = Open of tomorrow - minRng * 1.00;	SellPrice = tomorrow's Open – 0.0400 We make it tougher to Sell since this was a Down day and we're lower than the day before – to get on board with the Down trend, we need to see it move a full ATR.
end;	
if(open < close and close > close[1]) then	This was an Up candle and this candle closed above the close of the previous candle IOW, this is an Up move
begin	
stb = Open of tomorrow + minRng * 1.0;	
sts = Open of tomorrow - minRng * .50;	
end;	
sts = MinList(Average(High,3),sts);	Now adjust our SellPrice by picking the lower of our existing SellPrice and the average of the 3 previous day's High.
stb = MaxList(Average(Low,3),stb);	Now adjust our BuyPrice by picking the higher of our existing BuyPrice and the average of the 3 previous day's Low.
if Momentum(Close,10) <> 0 then	This is a test to make sure there is volatility – Price Action is NOT Flat. Metatrader calculates Momentum as CLOSE(i)/CLOSE(i-N)*100; therefore, this will not be zero. Tradestation must subtract 1 from the result.
begin	
if(MarketPosition <> 1) then buy("BuyThrust") next bar at stb stop;	If we're NOT Long, then we Buy. Next Bar, as in Next Day, or on 'tomorrow's' bar which is Today? The 'BuyThrust' is a name/comment for this Buy.
if(MarketPosition <>-1) then sellShort("LongLiq") next bar at sts stop;	
end;	

Notes from Easy Language reference guide

Guide found at URL:
http://www.docstoc.com/docs/8799576/Getting-Started-With-Tradestation-Easylanguage

MinMove-Minimum tick movement of stock/future symbol

PriceScale-Price scale of stock/future symbol (inverted for Easy Language); the quoted sccaling factor (e.g., if 2 decimal points, then PriceScale=100, 4 decimal points and PriceScale=10,000)

Momentum-calculates the change in price (overbought/oversold) during a specified period

The way I read this, PriceScacle is inverted and MinMove is basically a pip; therefore, MinMove/PriceScale would equal, say, 0.0001 * 10,000 = 1

Original Listing

```
[LegacyColorValue = true];

Vars: stb(0),sts(0),minRng(0);


minRng = MinMove/PriceScale*20;
minRng = MaxList(minRng,avgTrueRange(10));

if(open > close and close <= close[1] ) then
begin
                stb = Open of tomorrow + minRng * .50;
                sts = Open of tomorrow - minRng * 1.00;
end;
if(open < close and close > close[1] ) then
begin
                stb = Open of tomorrow + minRng * 1.0;
                sts = Open of tomorrow - minRng * .50;
end;

sts = MinList(Average(High,3),sts);
stb = MaxList(Average(Low,3),stb);

if Momentum(Close,10) <> 0 then
begin
                if(MarketPosition <> 1) then buy("BuyThrust") next bar at stb stop;
                if(MarketPosition <>-1) then sellShort("LongLiq") next bar at sts stop;
end;
```