

## NeuroShell Trader

The Hybrid Seasonal System can be easily implemented in the NeuroShell Trader by combining a few of the NeuroShell Trader's over 800 indicators in a trading system. To implement the Hybrid Seasonal System, select 'New Strategy ...' from the 'Insert' menu and use the Trading Strategy Wizard to create the following strategy:

BUY LONG CONDITIONS: [All of which must be true]  
Or2(A>=B(Month of Year(Date),10),A<B(Month of Year(Date),8))  
Or2(A<B(Divide(CBOE Volatility Index Close,Lag(Min(CBOE Volatility Index Close,25),1)),1.6),  
A<B(Divide(ATR(High,Low,Close,15),Lag(Min(ATR(High,Low,Close,15),25),1)),1.9))  
A>B(VFI(High,Low,Close,Volume,0.2,30,2.5,130),-20)

SELL LONG CONDITIONS: [1 of which must be true]  
August Flag(Date)  
A>B(Divide(CBOE Volatility Index Close,Lag(Max(CBOE Volatility Index Close,25),1)),2.2)  
And2(CrossBelow(VFI(High,Low,Close,Volume,0.2,30,2.5,130),-20),  
A<B(Momentum(Avg(VFI(High,Low,Close,Volume,0.2,30,2.5,130),10),1),0))

Note that the system above uses the Volume Flow custom indicator, which can be created by selecting 'New Indicator ...' from the 'Insert' menu and using the Indicator Wizard to create the following indicators:

*TYPICAL*: Avg3 ( High, Low, Close )  
*CUTOFF*: Multiply3 ( 0.2, StdDev ( Momentum (Ln (*TYPICAL*),1), 30 ), Close )  
*VAVE*: LagAvg ( Volume, 1, 130 )  
*VC*: Min2 ( Volume, Multiply2 ( 2.5, *VAVE* ) )  
*MF*: Momentum (*TYPICAL*, 1 )

*VFI*: Divide ( Sum( IfThenIfThenElse ( A>B(*MF*,*CUTOFF*), *VC*,  
A<B(*MF*, Negative(*CUTOFF*)), Negative(*VC*), 0 ), 130 ), *VAVE* )

Users of NeuroShell Trader can go to the STOCKS & COMMODITIES section of the NeuroShell Trader free technical support Website to download a sample chart which includes the Volume Flow Indicator.

Ward Systems Group, Inc  
E-mail [sales@wardsystems.com](mailto:sales@wardsystems.com)  
<http://www.neuroshell.com>

Figure A: NeuroShell Hybrid Seasonal System chart