Base line for all comparisons is the MC native Indicator for the same plot. E.g. CloseD 20 = MC's Moving Average 20

EXPECTED BEHAVIOR

UNEXPECTED BEHAVIOR

Indicator	Custom Code	Daily Chart	30 Minute Chart
Close to Close plot - no averaging	Value1 = CloseD(0); Plot1(Value1, "Today's close");	No base line native Indicator for comparison. but the plot correctly draws a line from DAILY close to DAILY close	No base line native Indicator for comparison. but the plot correctly draws a line from 30 MIN close to 30MIN close
Close to Close using XAverage and CloseD(0)	var1 = XAverage(closeD(0), Length) ; plot1(var1, "20ema Daily");	Base line Indicator: Moving Avg Exponential (20) Plots the same as base line indicator.	Base line Indicator: Moving Avg Exponential (20) Plots the same as base line indicator (i.e. CloseD plots the close of the 30 minute candles, not the close of the Daily candles
Close to Close Average	var1 = Average(closeD(0), Length) ; plot1(var1, "20ema Daily"); NOTE: AverageFC() behaves exactly as Average()	Base line Indicator: Mov Avg 1 Line -- CloseD plots the same as base line indicator	Base line Indicator: Mov Avg 1 Line: Plots the same as base line indicator (i.e. CloseD plots the close of the 30 minute candles, not the close of the Daily candles
Close to Close using XAverage and CloseD(1)	var1 = XAverage(closeD(1), Length) ; plot1(var1, "20ema Daily");	Base line Indicator: Moving Avg Exponential (20) Plots the same as base line indicator.	Base line Indicator: Moving Avg Exponential (20) Plots an odd scalloped line that starts at previous day's last 30 min close and ends at current day's last 30 min close. None of the values along the plot correspond to the base line values.