



# Brainy's Articles on Technical Analysis

Alan Hull — MMA, Range, ROAR

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## Introduction

Alan Hull is a well-known Melbourne-based share trader and author. He specialises in helping others to trade and invest in Blue Chip shares. In this article in Brainy's series on Technical Analysis (number TA-6150) we take a look at some of the Technical Analysis type detail from Alan Hull's teachings. In particular this includes the following:

- Hull MMA — Multiple Moving Average.
- ATR — Average True Range.
- Alan's Range indicator.
- ROAR indicator.

For more information on Alan's teachings and strategies, see Brainy's Share Trading article number ST-6420, "Sample trading strategies — Alan Hull", as well as Alan's own web site, books and newsletters.

For details about how some of Alan's teachings are implemented in the BullCharts charting software, see Brainy's article BC-26-200, "Author Strategy — Alan Hull".

## MA — Moving Average

The concept of a Moving Average (MA) will be familiar to many people. For some basic information about the MA and how it is calculated, see Brainy's article TA-4205, "Moving Average (MA) explained". Also see article TA-4210, "Moving Average and MA Cross-Over", for further details.

## Hull MMA — Multiple Moving Average

The MMA indicator is simply several MA plots drawn on the same price chart as in Figure 1 below. In this example there are 12 MA plots drawn on the chart. The thicker (black) plot towards the top of the chart is the Weekly Line plot for the CBA bank. The other lines below are the MMA indicator.

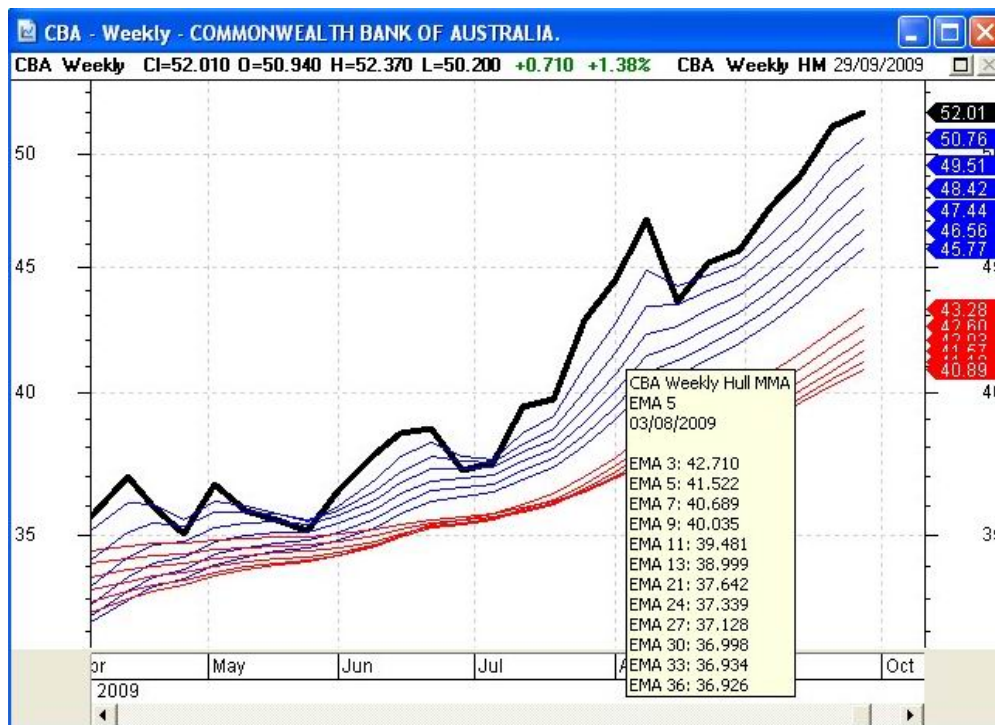


Figure 1: Multiple Moving Average (Hull MMA) on Weekly CBA chart.