

Risk Management

Technical Analysis of Commodity Markets: Emphasis on Bar Charts

Mark Waller, Mark Welch, and Wayne D. Purcell*

Supply and demand ultimately determine commodity prices. There is an equilibrium or “market-clearing” price at which the quantity producers supply to the market equals the quantity buyers are willing to take. Demand and supply are balanced at price P_e .

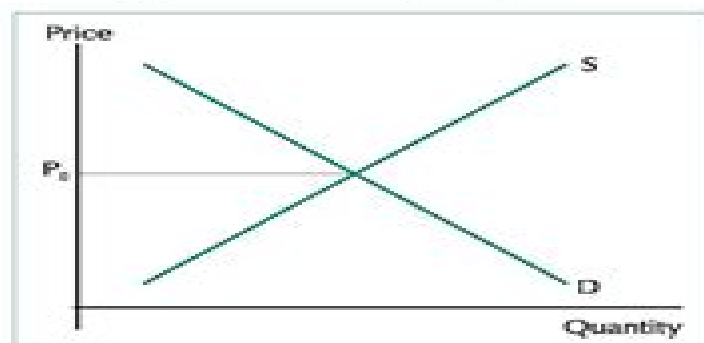


Figure 1.

One of the functions of futures markets is to discover an “equilibrium price” for a future time period. However, supply and demand levels are not known with certainty months or even years into the future. Futures prices vary across a wide range, as estimates of supply and demand are adjusted for changes in weather, economic conditions in Asia that will influence

export buying, or changes in the U.S. dollar that influence the cost of U.S. commodities.

Over time, a chart of prices for cotton futures or for live cattle (the fed cattle futures) will show patterns as the price discovery process responds to actual or perceived changes in supply and/or demand. The study of those chart patterns is called *technical analysis*. Such analysis is based on the notion that price and price patterns in the past are useful in forming expectations about what price will do in the future. Technical analysis is especially useful in determining when to enter and exit the markets in programs designed to manage a firm’s exposure to price risk.

Technical analysis can be complex. Sophisticated mathematical models can be used to help identify changes in the direction of price trend. Econometric models are used by large hedgers and full-time speculators looking for a competitive edge. But when used with discipline, some simple and basic techniques can make big contributions to price risk management programs.

The *trend line* can be used to spot a change in price direction. Connecting two daily price lows in a rising market or highs in a declining market, preferably at least 10 trading days apart, can help establish the trends. As seen in Figure 2, a few days after the daily low at B, the two daily lows at A and B can be connected, and an uptrend line can be drawn and extended up and to the right. This upward trend in price is ex-

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Technical Analysis Commodity Charts:

Technical Analysis Gail Findlater, 2015-04-23 A must have guide for identifying chart patterns for novices and experienced traders alike Technical trading clues off of commodity charts enable enthusiasts to trade futures commodities and stocks efficiently and effectively While observing the yearly and daily charts you will notice the same patterns occur repeatedly and may even show on the daily and hourly charts The High Low Close of the day that you see is not the whole story as there are minute to minute fluctuations that also form patterns that provide clues as to how the market may react Call it divination if you like but knowing what is happening in advance offers the charting enthusiast time to make a plan and institute it instead of being in reaction mode like fundamental traders are prone to be or just all out guessing THE TRICK IS TO ACQUIRE THE SKILLS TO IDENTIFY THESE PATTERNS AS THEY DEVELOP The goal of this Technical Analysis reference is intended to help the technical trader identify patterns as they occur and use this skill to their advantage This book is a perfect gift for yourself the person in your life that is interested in learning the techniques and lingo to get started in this fascinating business or the person who is actively trading It provides a quick visual review of the patterns in the gallery and a trade tracker for easy review of your trades whether you are paper trading or seriously committed Once you read this reference guide you will want to keep it within easy reach during your daily market watch especially if you have a trade in progress

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Technical Analysis of Stock Trends, Tenth Edition Robert D. Edwards, John Magee, W.H.C. Bassetti, 2012-11-28 Sixty three years Sixty three years and Technical Analysis of Stock Trends still towers over the discipline of technical analysis like a mighty redwood Originally published in 1948 and now in its Tenth Edition this book remains the original and most important work on this topic The book contains more than dry chart patterns it passes down accumulated experience and wisdom from Dow to Schabacker to Edwards and to Magee and has been modernized by W H C Bassetti Bassetti a client friend and student of John Magee one of the original authors has converted the material on the craft of manual charting with TEKNIPLAT chart paper to modern computer software methods In actuality none of Magee s concepts have proven invalid and some of his work predated modern concepts such as beta and volatility In addition Magee described a trend following procedure that is so simple and so elegant that Bassetti has adapted it to enable the general investor to use it to replace the cranky Dow Theory This procedure called the Basing Points procedure is extensively described in the new Tenth Edition along with new material on powerful moving average systems and Leverage Space Portfolio Model generously contributed by the formidable analyst Ralph Vince author of Handbook of Portfolio Mathematics See what s new in the Tenth Edition Chapters on replacing Dow Theory Update of Dow Theory Record Deletion of extraneous material on manual charting New chapters on Stops and Basing Points New material on moving average systems New material on Ralph Vince s Leverage Space Portfolio Model So much has changed since the first edition yet so much has remained the same Everyone wants to know how to play the game The foundational work of the discipline of technical analysis this book gives you more than a technical formula for trading and investing it gives you the knowledge and wisdom to craft long term success *Technical Analysis of Stocks and Commodities*, 2008 **Technical Analysis and Stock Market Profits** R. Schabacker, 2021-02-15 Richard W Schabacker s great work Technical Analysis and Stock Market Profits is a worthy addition to any technical analyst s personal library or any market library His pioneering research represents one of the finest works ever produced on technical analysis and this book remains an example of the highest order of analytical quality and incisive trading wisdom

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Modern Management in the Global Mining Industry Robin G. Adams, 2019-08-26 This book brings together perspectives from economics specifically minerals economics to the management of global mining companies. It covers volatile price forecasting, cost analysis, investment decisions, and the social, environmental, and developmental impacts of mining. *Using Cash, Futures, and Options Contracts in the Farm Business* Richard G. Heifner, Bruce Hall Wright, Gerald Emmett

Plato, United States. Department of Agriculture. Economic Research Service, 1993 Precious Metals Investing For Dummies Paul Mladjenovic, 2011-02-09

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Workbook 0 471 39817 9 **Commodity Strategies** Thomas J. Dorsey, Tammy F. DeRosier, Paul L. Keeton, Susan L. Morrison, Joshua B. Parker, 2007-09-28 Praise for Commodity Strategies I have read many books on Point Figure charting but this is the first in its category on the application of the time tested methodology of Point Figure charting in particular the concept of relative strength to pick outperforming commodities as well as to achieve diversification of non correlated assets If you are looking for a profitable and comprehensive methodology to making money from the commodity and currency markets and ETFs look no further you have found it This book has it all Fred Tam MPhil CFTe MSTA lecturer in technical analysis at University Malaya and Open University Malaysia Tom Dorsey is a market wizard who continues to stimulate the investor s mind Commodity Strategies is powerful from start to finish with charts and many interesting insights It s a clear guide for anyone looking to expand their investment horizon Joseph Barrato EVP of Investment Strategies Arrow Funds This book and Dorsey s commodity strategies provide a much needed disciplined and risk managed framework for when and how to incorporate commodities into a portfolio His investment methodologies along with the evolution of ETFs into alternative asset classes like commodities and currencies are a match made in heaven H Bruce Bond President and CEO PowerShares Capital Management **Trade the Patterns** Ken Wood, 2009 More than 30 years ago Ken Woodie Wood discovered patterns forming on the CCI a little known moving average index These patterns reveal how the market moves The CCI is a leading indicator and Woodie figured out how it could help him get into a trade ahead of standard trend lines This is the only book where Woodie shares his time tested methods He does so because his personal philosophy and the motto of Woodie s CCI Club has always been Traders Helping Traders In Trade the Patterns he reveals the steps that led to his discovery of the CCI including the original materials that inspired him He walks readers through the process of learning to trade on the CCI using easy to follow steps Woodie shows you how to recognize and trade patterns on the CCI starting with basic trend patterns like the Zero Line Reject to more advanced patterns like the Ghost or Vegas Trade **Trading in the Global Currency Markets** Cornelius Luca, 2007 An expert in the field of international investment furnishes an updated guide to the lucrative but complex world of foreign currency exchange markets for investors of all levels that covers such topics as different types of currency market forces emerging technologies and more *Trading in the Global Currency Markets, 3rd Edition* Cornelius Luca, 2007-08-07 Completely updated third edition insights into the lucrative foreign exchange markets for both beginner and expert traders A renowned authority on international investing brings the complex machinations of the foreign currency markets vibrantly to life Cornelius Luca clearly and concisely analyzes the various currencies market forces and emerging technologies and illuminates them all with real world examples and graphics **Investing in Gold & Silver For Dummies** Paul Mladjenovic, 2020-11-02 Diversify your portfolio with gold and silver Investing and trading in gold and silver is always a sound idea and that goes double in a time of unusual market fluctuation As people look for safe places to diversify their investment risk you ll likely see the value of your investment go up where other stocks are vulnerable Gold and

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