

Technical Analysis Webinar

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April 9, 2019



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- Not soliciting purchase/sale of securities, derivatives
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BIO



- ❑ Publish [Tradable Patterns - daily newsletter](#)
 - Technical analysis featured on Bloomberg Terminal, Refinitiv Eikon, Factset Terminal, [Interactive Brokers' IB Traders Insight](#), [InsideFutures](#), [ZeroHedge](#), [Liquid \(Quoine\)](#)
 - Newsletter covers CME, ICE equity index, commodity futures markets along with VIX, spot FX and cryptocurrencies (as seen in my [Watchlist](#))
- ❑ Introduce PE/VC/Family Offices to direct investments (Tech, Medtech, Healthcare, Education, F&B, Property)
- ❑ Previously served as [Intercontinental Exchange | NYSE Liffe](#)'s country manager for Australia, India, and the UAE between July 2010 and January 2014, expanding role to look after Liffe business development in APAC ex-Japan/Korea until his departure mid April 2014
- ❑ Marketed Canadian futures and options for [TMX Group | Montreal Exchange](#) for 4 years, across North America, London, Singapore and Hong Kong
- ❑ Developed and presented [CMC Markets Canada](#)'s educational offering, and headed up Chinese marketing and sales team
- ❑ Wrote course content for 3 derivatives courses offered by [Canadian Securities Institute](#)

What is Technical Analysis?

- ❑ Forecasting prices based on historical price charts
- ❑ Applies to liquid futures, stocks, FX or any other trading product where pricing determined by supply and demand, and sufficient chart history available
- ❑ Works with any timeframe (e.g. 10 years, 1 year, 1 day, etc)
- ❑ 3 key ideas (from Dow Theory)
 - Price reflects all factors
 - Price not random
 - What is more important than why



Fundamental VS Technical Analysis

Combine fundamental & technical analysis in assessing/predicting prices

- ❑ **Fundamental Analysis:** Studies factors that impact economy, industry sectors and companies
- ❑ **Technical Analysis:** Studies price/volume charts



Dow Theory

- ❑ 3 trend types (primary/secondary/minor; long/intermediate/short)
- ❑ Major trends have 3 phases (accumulation, trending, distribution)
- ❑ Volume must confirm trend
- ❑ Trend continues unless reversal confirmed
- ❑ Averages and related markets must confirm each other
- ❑ Does not time bottoms and tops



Chart Types

Candlestick Charts

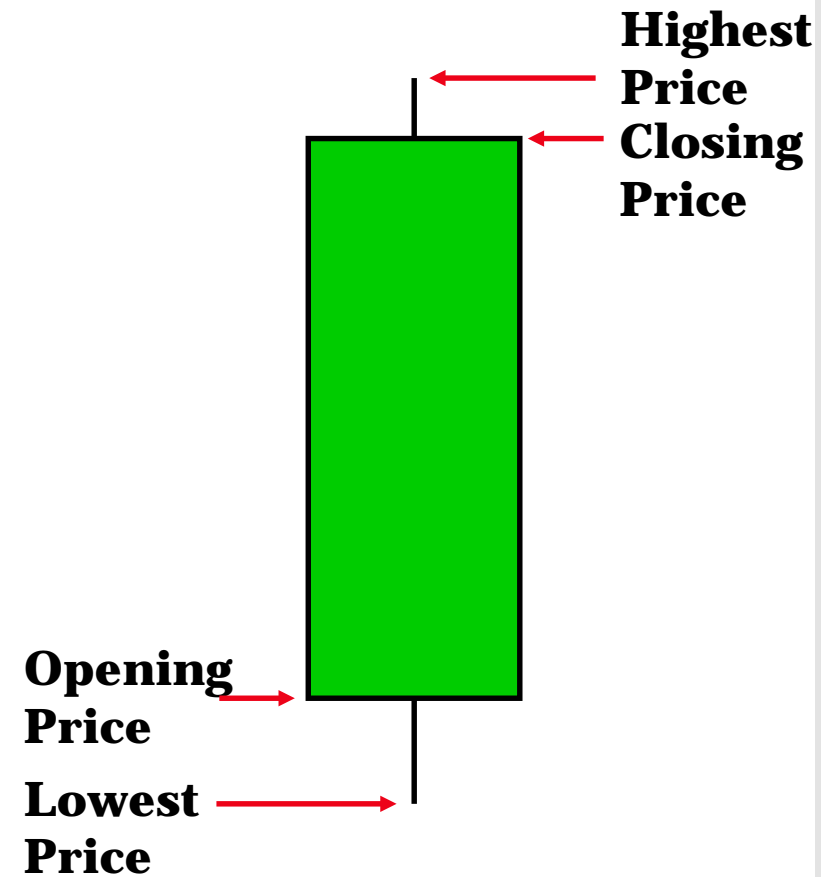
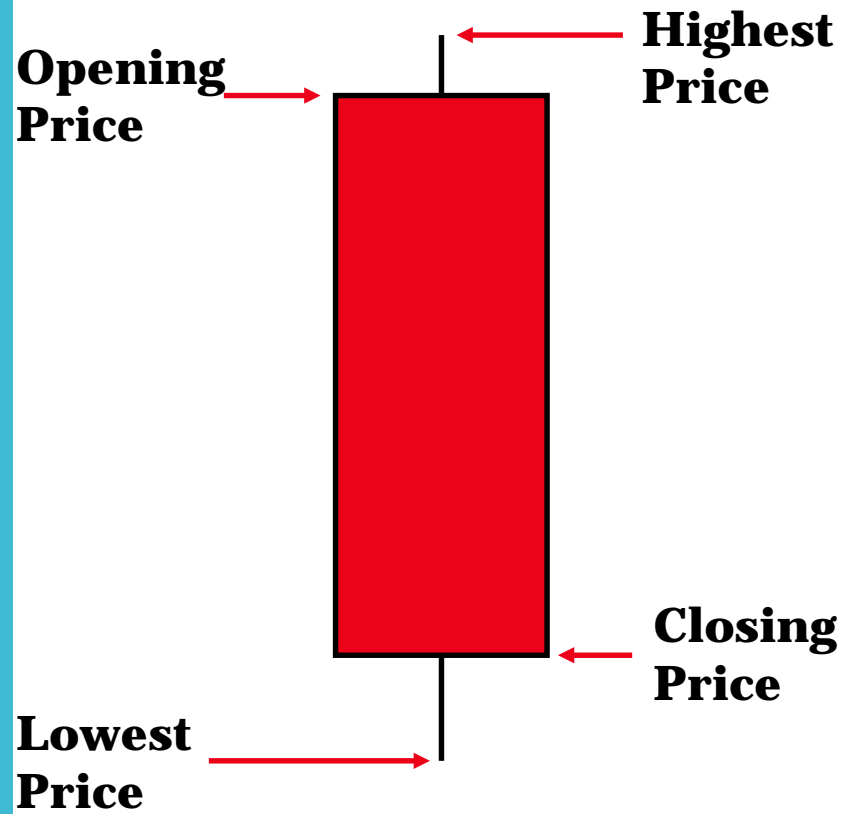


Chart Types

Candlestick

Charts



Source: Interactive Brokers TWS

Chart Analysis Trends

Up

Down

Sideways/Rangebound/Trendless



Chart Analysis Support & Resistance



- ❑ **Support:** Price zone where buying overcomes selling, creating low
- ❑ **Resistance:** Price zone where selling overcomes buying, creating high

Chart Analysis

Determining Support & Resistance



- Previous highs
- Previous lows
- Round numbers
- Retracements of previous moves
- Charting patterns

Technical Analysis

- Chart Patterns

- Technical Indicators and Oscillators



Chart Patterns

- ❑ Continuation VS Reversal
- ❑ **Continuation:** Rectangle, Channel, Triangle, Wedge
- ❑ **Reversal:** Wedge, Double/Triple Bottom/Top, Head and Shoulders



Chart Patterns Continuation - Rectangle

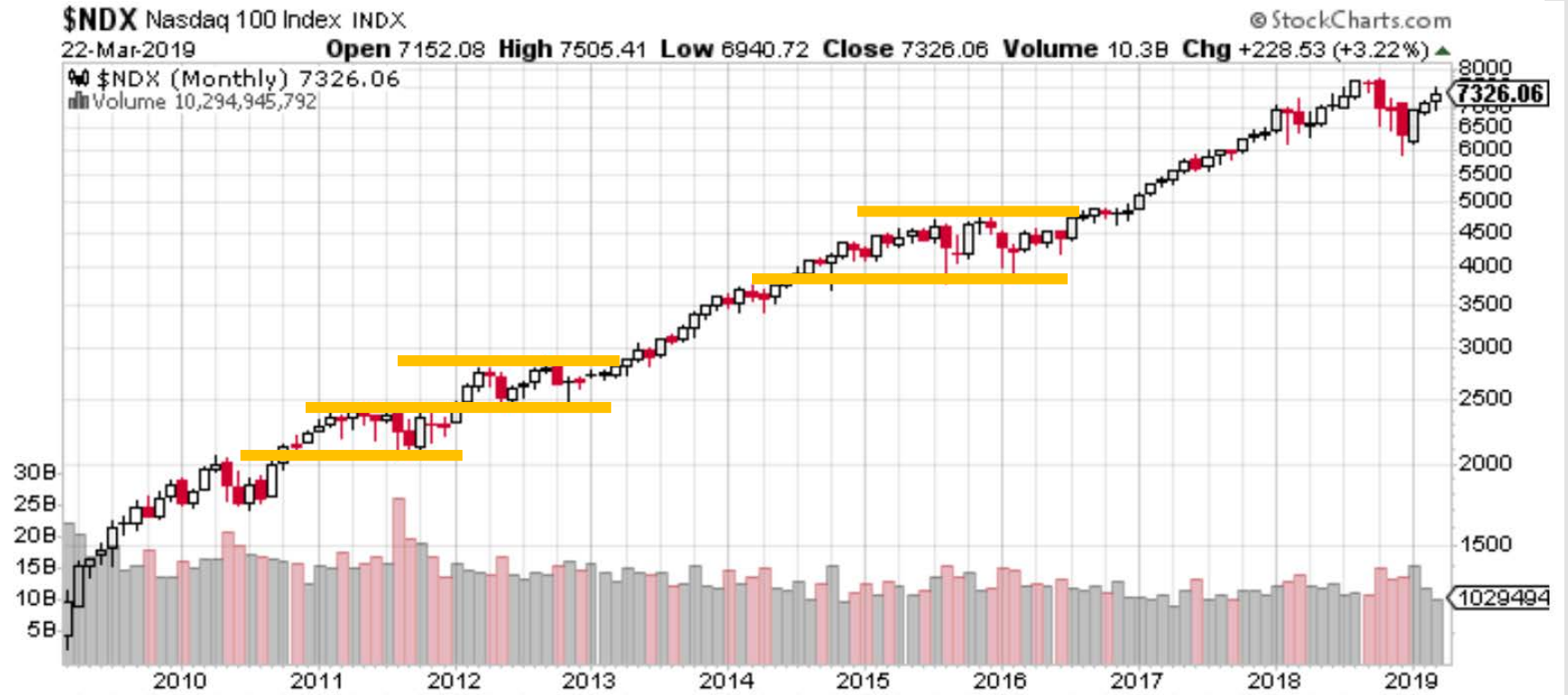


Chart Patterns Continuation - Channel



Chart Patterns Continuation - Triangle



Chart Patterns Reversal - Triangle



Chart Patterns Reversal - Wedges



Chart Patterns Reversal - Double/Triple Bottom/Top



Chart Patterns Reversal - Head & Shoulders Bottom

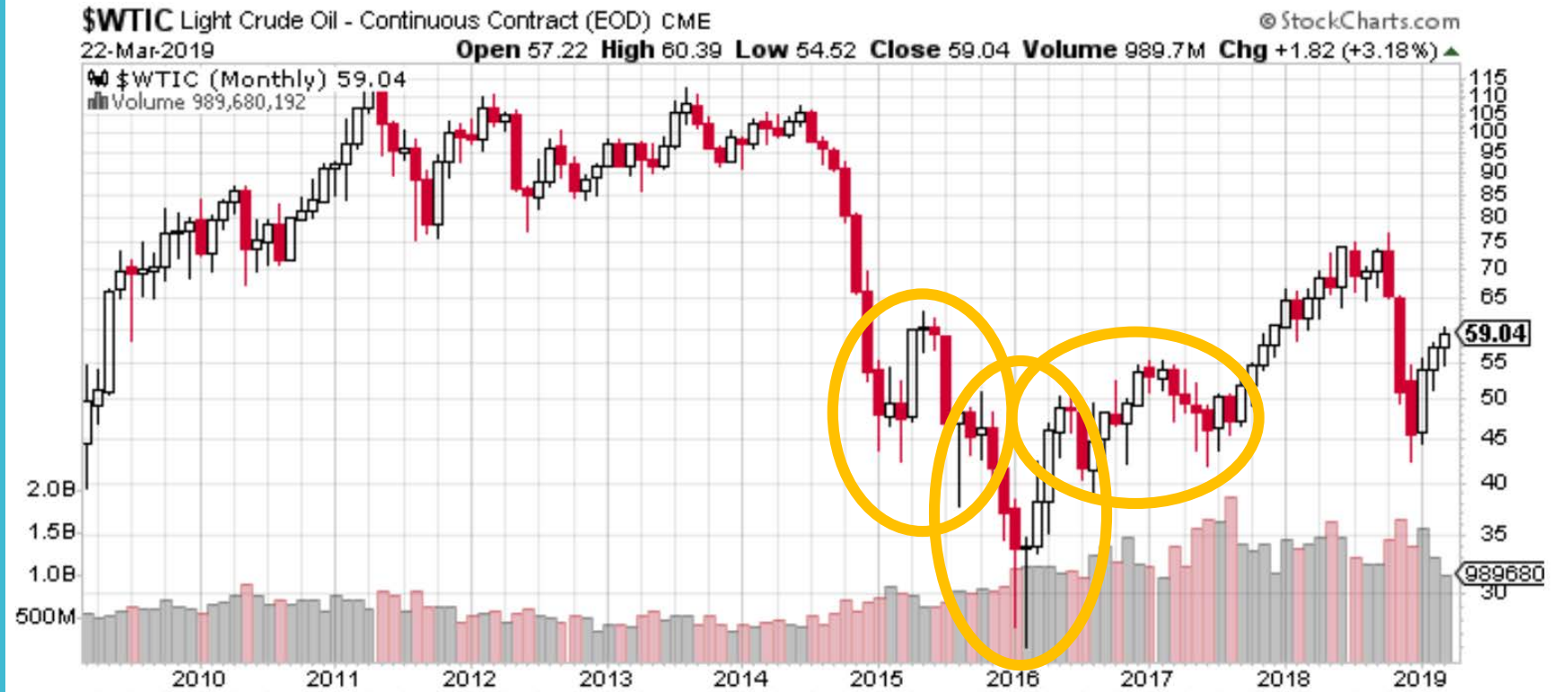


Chart Patterns Reversal - Head & Shoulders Top

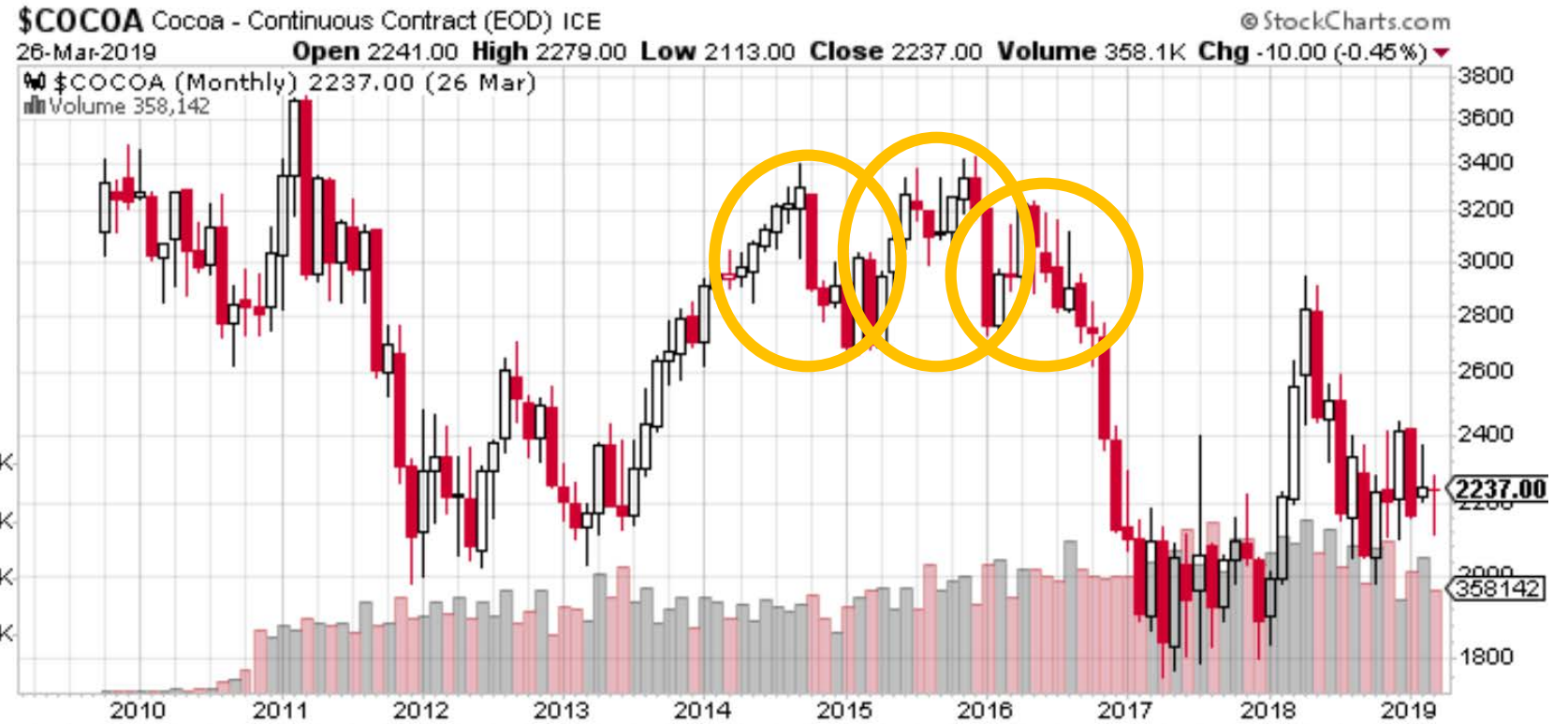


Chart Patterns Continuation: Flags/Pennants

\$GBPJPY British Pound to Japanese Yen (NBD) INDEX

© StockCharts.com

26-Mar-2019

Open 147.70 High 148.87 Low 143.72 Close 145.92 Chg -1.82 (-1.23%) ▼

\$GBPJPY (Monthly) 145.92 (26 Mar)

Volume undef



Technical Indicators & Oscillators

- ❑ Leading VS Lagging
- ❑ Leading (Momentum): RSI, Stochastic
- ❑ Lagging (Trend): MA, MACD



Technical Indicators & Oscillators

Leading - RSI



- ❑ Compares strength of recent gains to that of recent losses

- ❑ RSI: 0-100
 - Overbought: > 70
 - Oversold: < 30

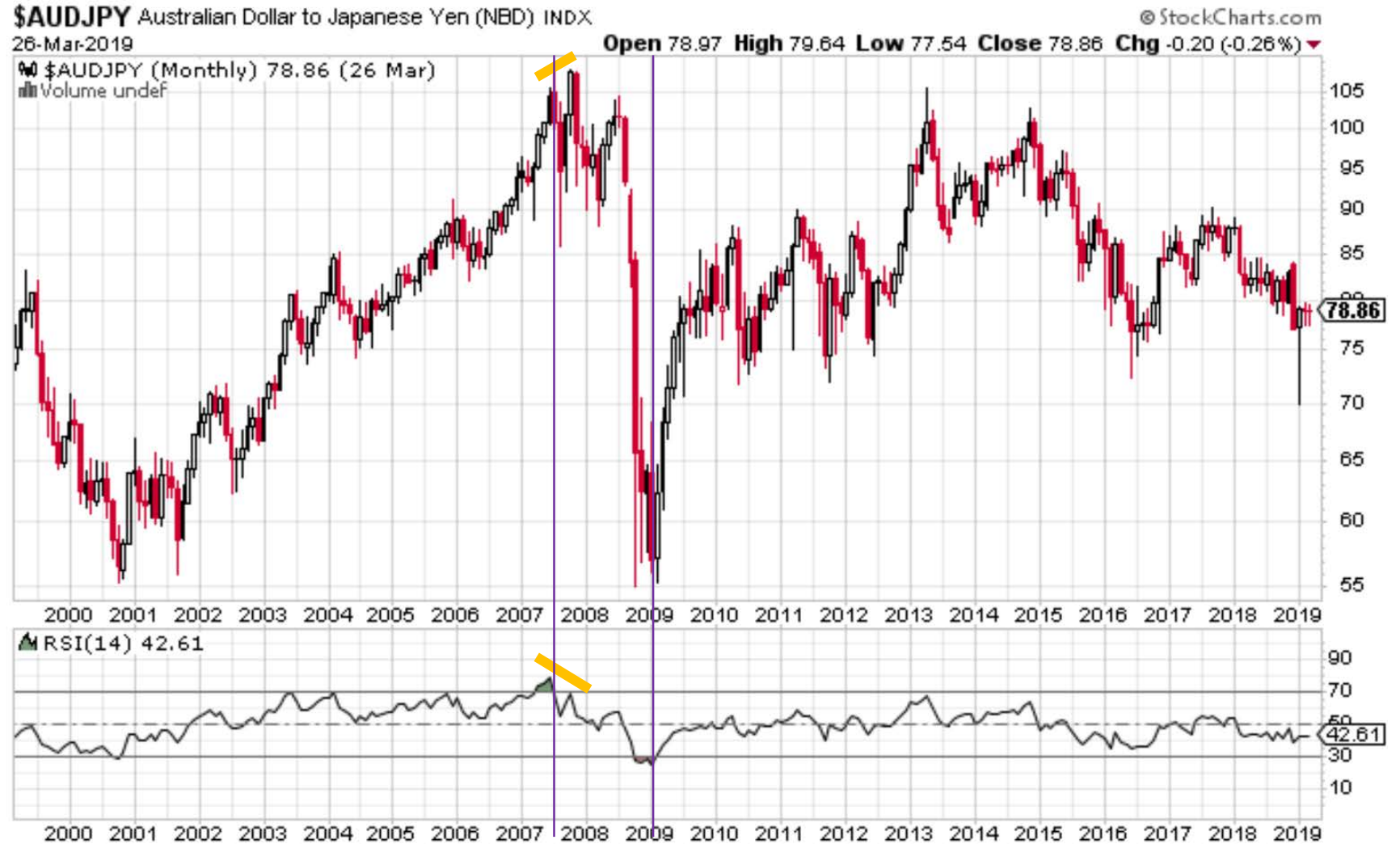
- ❑ Divergences

- ❑ Centerline Crossover

- ❑ Must specify # of time periods (e.g. 14)

Technical Indicators & Oscillators

Leading - RSI



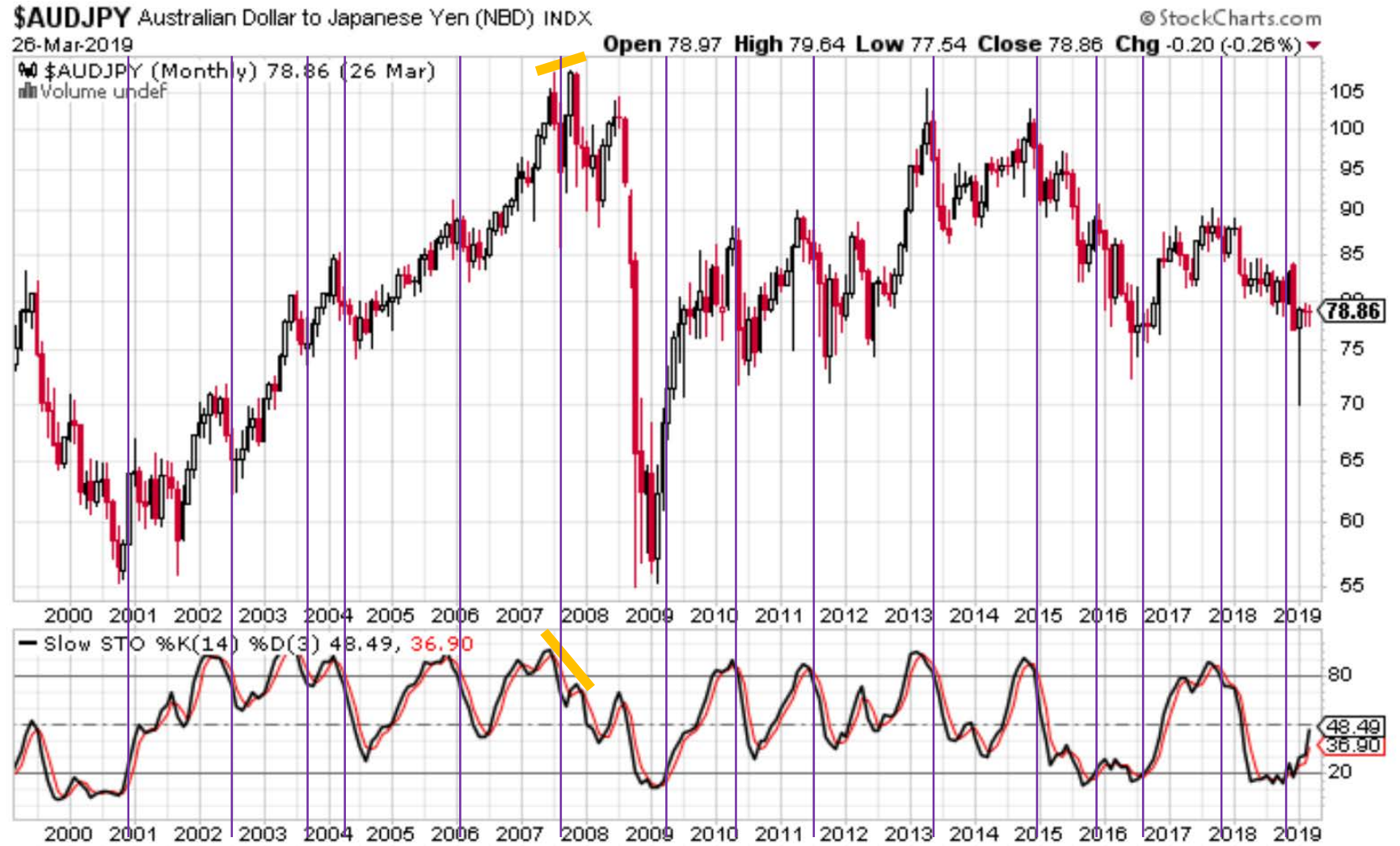
Technical Indicators & Oscillators

Leading - Stochastic



- ❑ Compares current close to high/low range over specified # of periods
- ❑ **%K**: percentile that close ranks in high/low range
- ❑ **%D**: 3 day SMA of %K (acts as trigger line)
- ❑ Stochastic: 0-100
 - Overbought: > 80
 - Oversold: < 20
- ❑ Divergences
- ❑ % K Crossover
- ❑ Must specify # of time periods (e.g. 14)

Technical Indicators & Oscillators Leading - Stochastic



Technical Indicators & Oscillators

Lagging - Moving Average



- ❑ Smooths price movement
- ❑ Allows easier identification of trends, support/resistance
- ❑ Especially useful w/ volatile markets
- ❑ Simple moving average (SMA)
 - Ideal for spotting longer-term trends
- ❑ Exponential moving average (EMA)
 - Less lag than SMA
 - More sensitive to recent prices
 - Better for shorter-term horizon

Technical Indicators & Oscillators

Lagging - Simple Moving Average



Technical Indicators & Oscillators

Lagging
- MACD



- Difference b/w longer-term MA (eg. 26 day EMA) and shorter-term MA (eg. 12 day EMA)
- Centred oscillator w/ no upper/lower limits
- Divergence
- MA Crossover (anticipate w/ MACD histogram)
- Centreline Crossover
- Difficult to analyse MACD levels relative to historical

Technical Indicators & Oscillators

Lagging - Exponential Moving Average



Technical Indicators & Oscillators

Lagging - EMA vs SMA



Technical Indicators & Oscillators

Lagging
- MACD



- Difference b/w longer-term MA (eg. 26 day EMA) and shorter-term MA (eg. 12 day EMA)
- Centred oscillator w/ no upper/lower limits
- Divergence
- MA Crossover (anticipate w/ MACD histogram)
- Centreline Crossover
- Difficult to analyse MACD levels relative to historical

Technical Indicators & Oscillators

Lagging - MACD



Technical Indicators & Oscillators Bollinger Band



- ❑ Allows comparison of volatility and relative prices over time
- ❑ 3 bands contain majority of price movement
 - ❑ Upper Band: $SMA + 2$ standard deviations
 - ❑ Middle Band: SMA
 - ❑ Lower Band: $SMA - 2$ standard deviations
- ❑ Bands widen w/ increases in volatility
- ❑ Default periods to 20, but as w/ all other indicators, customize based on market and trading preferences
- ❑ 10 day MA usually better for short term; 50 day MA usually better for long term

Technical Indicators & Oscillators

Bollinger Band



Technical Indicators & Oscillators

Indicator Customizing

- ❑ Before trading, ensure technical indicators used provide frequency of signals desired
- ❑ Experiment with different parameter values
- ❑ More frequent signals = Lower reliability



Technical Indicators & Oscillators Fibonacci

- ❑ 1, 2, 3, 5, 8, 13, 21...see any pattern in the #'s?
- ❑ Key ratios: 0.236 (23.6%), 0.382 (38.2%), 0.5 (50%), 0.618 (61.8%)
- ❑ Liquid markets tend to find support/resistance around key ratios



Technical Indicators & Oscillators Fibonacci



Multiple Timeframe Analysis

- ❑ Shorter time frames = More (false?) trading signals
- ❑ Longer time frames = More signal lag
- ❑ Always study multiple time frame charts
- ❑ Each time frame chart may provide different signals
- ❑ Await confirmation from multiple time frames
- ❑ Increase probability of trading success by trading in direction of longer-term trends



Multiple Timeframe Analysis



Source: Interactive Brokers TWS

Long vs Short Bodies

□ Long White

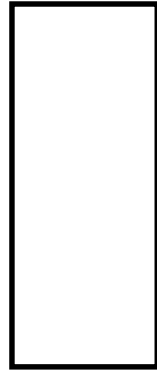
- Strong buying pressure
- After strong selling, long white may provide turning point/support
- After strong buying, long white may represent overbullishness

□ Long Black

- Strong selling pressure
- After strong buying, long black may provide turning point/resistance
- After strong selling, long black may represent overbearishness



Marubozu



White Marubozu

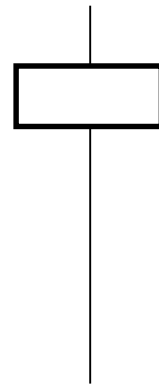
☐ Bulls in control from open to close



Black Marubozu

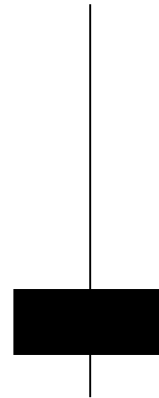
☐ Bears in control from open to close

Long vs Short Shadows



Long Lower Shadow

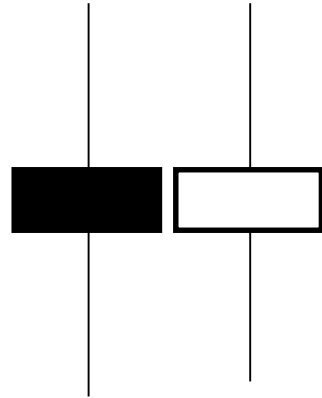
- ❑ Bears in control for most of session
- ❑ Strong close as buyers later gain control



Long Upper Shadow

- ❑ Bulls in control for most of session
- ❑ Weak close as sellers later gain control

Spinning Tops

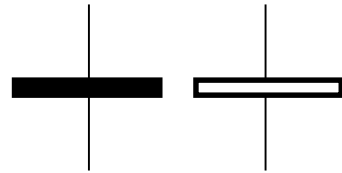


Long Shadows, Small Body

- ❑ Large session range, but little change from open to close
- ❑ Equal battle between bulls and bears
- ❑ After big move, spinning top represents potential trend reversal



Doji

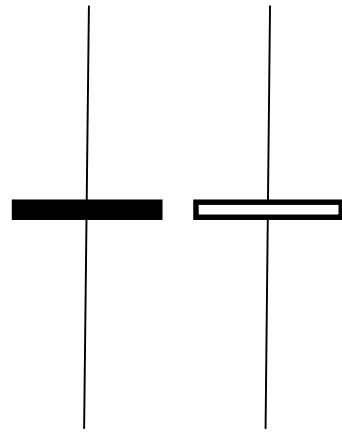


Short Shadows, Small Body

- ❑ Similar to spinning top, except body even smaller
- ❑ Equal battle between bulls and bears
- ❑ Neutral on their own
- ❑ Must analyse relative to price, volatility, and previous candlesticks
- ❑ The tinier the doji's body relative to bodies of recent candlesticks, the more robust
- ❑ After big move/long candlestick, doji represents potential trend reversal
- ❑ Shape of candlestick following doji determines likelihood of reversal



Long-legged Doji



Long Shadows, Small Body

- ❑ Similar to regular doji, except long shadows reflect even greater battle between bulls and bears
- ❑ Neutral on their own
- ❑ Must analyse relative to price, volatility, and previous candlesticks
- ❑ The tinier the doji's body relative to bodies of recent candlesticks, the more robust
- ❑ After big move/long candlestick, doji represents potential trend reversal
- ❑ Shape of candlestick following doji determines likelihood of reversal



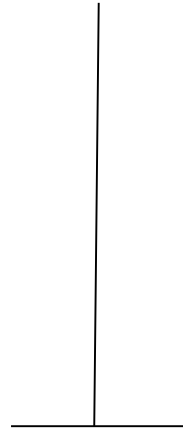
Dragon Fly Doji



Long Lower Shadow, Tiny Body

- ❑ Sellers controlled session, with buyers emerging towards close
- ❑ After big move down, long black candlestick, or at support, dragon fly doji represents potential bullish reversal
- ❑ After big move up, long white candlestick, or at resistance, dragon fly doji represents potential bearish reversal

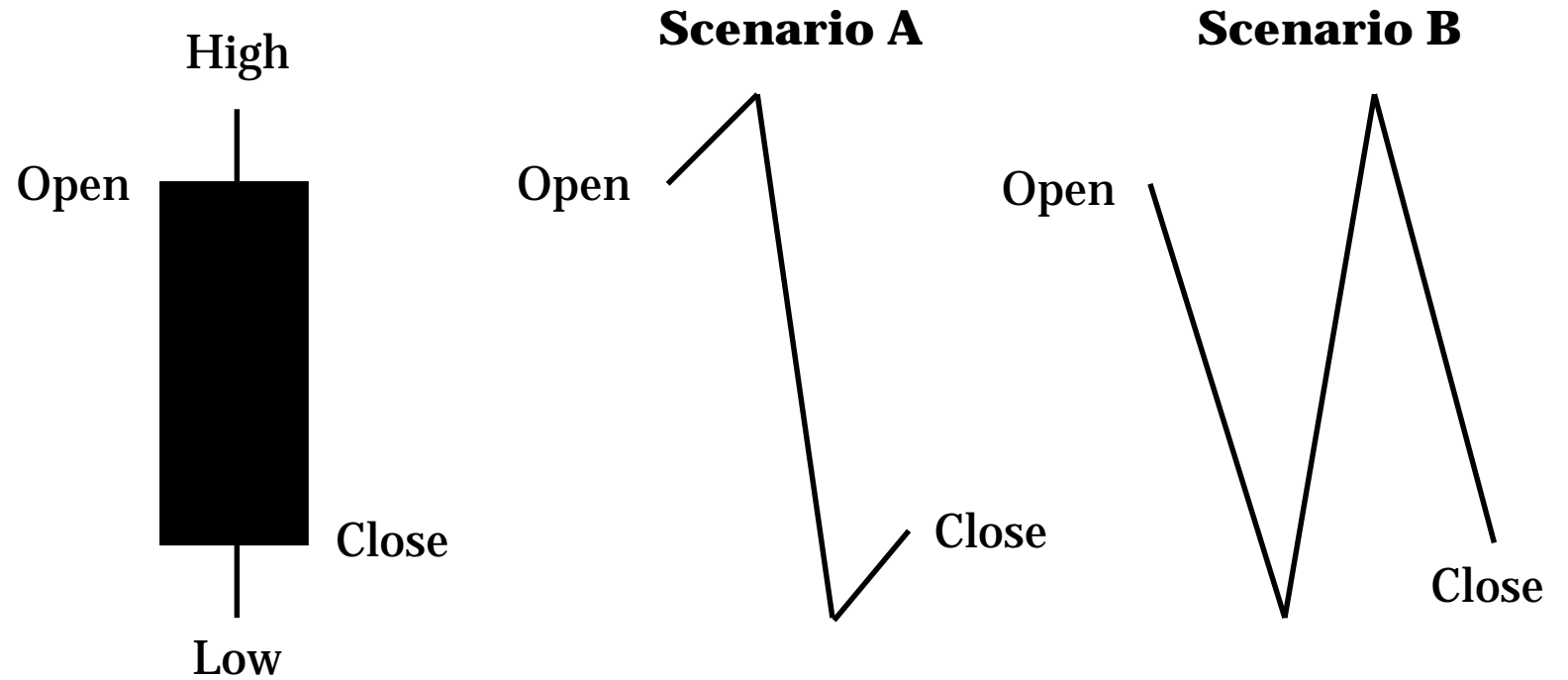
Gravestone Doji



Long Upper Shadow, Tiny Body

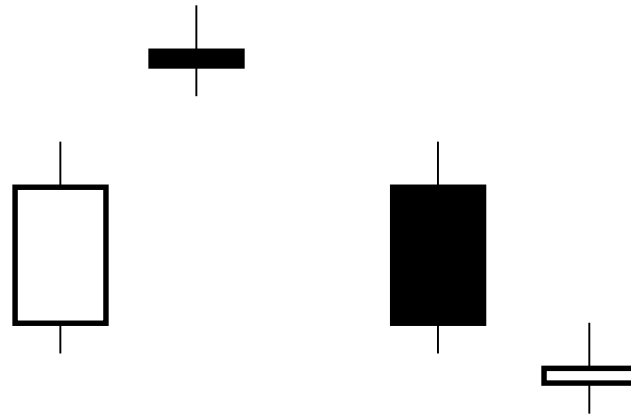
- ❑ Buyers controlled session, with sellers emerging towards close
- ❑ After big move down, long black candlestick, or at support, gravestone doji represents potential bullish reversal
- ❑ After big move up, long white candlestick, or at resistance, gravestone doji represents potential bearish reversal

Candlestick Limitation



Which is more bearish? Scenario A or B?

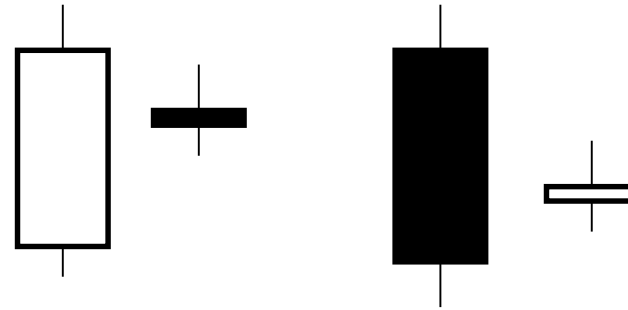
Star



Small bodied star gaps up or down from previous large bodied candle



Harami

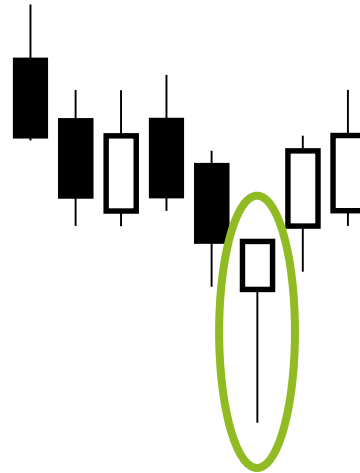


- ❑ Small bodied candlestick situated within previous large bodied candle
- ❑ Harami means pregnant in Japanese
- ❑ Reversal signal depends on prior trend



Hammer/ Hanging Men

Hammer



Bullish

Hanging Man



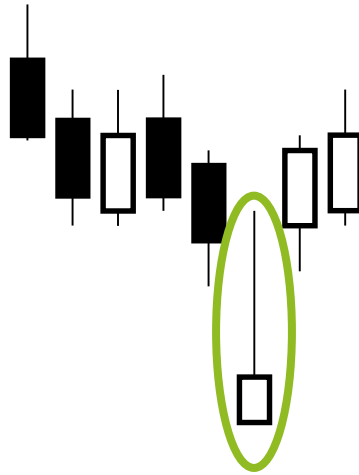
Bearish

- ❑ Small bodied candlestick, long lower shadow, short upper shadow
- ❑ Hammer and hanging man look alike, but preceding price action and trading signal differ



Inverted Hammer/ Hammer/ Shooting Star

Inverted Hammer



Bullish

Shooting Star

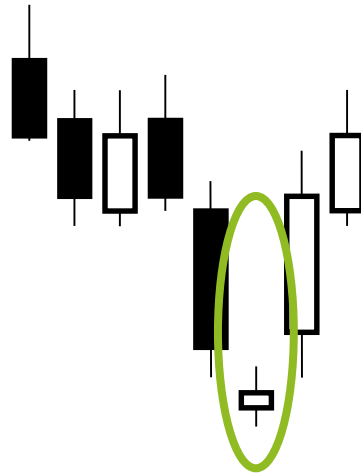


Bearish

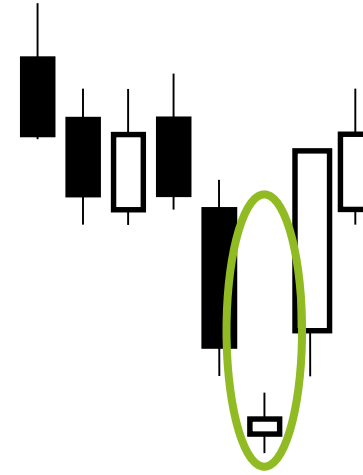
- ❑ Small bodied candlestick, long upper shadow, short lower shadow
- ❑ Inverted hammer and shooting star look alike, but preceding price action and trading signal differ



Morning Star/Bullish Abandoned Baby



Morning Star

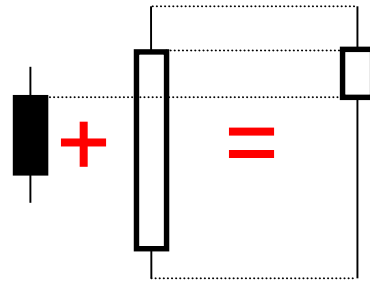


Bullish Abandoned Baby

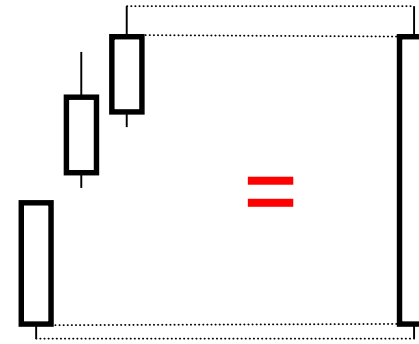
- ❑ Long black candle, small white/black candle (can be doji), long white candle
- ❑ Long white candle confirms bullish reversal



Blended Candles



Bullish Engulfing Hammer



Three White Soldiers Long White Candle

Blended candle retains open of 1st candle, close of last candle, and high/low of pattern



Piercing Pattern



- ❑ Consists of black candle, followed by white
- ❑ Both candles have fairly large bodies and small shadows
- ❑ White candle opens below previous close, but closes above midpt of black candle



Continue Learning



- ❑ **Today's Top 3 Trades** daily newsletter @ <https://tradablepatterns.com>
 - Each wkday's coverage consists of 2 markets from designated asset class(es) of the day as seen on [Watchlist](#) of 27 markets (14 futures, 10 spot FX, 3 cryptocurrencies), along w/ 3rd market from any asset class deemed closest to trend reversal or ongoing momentum as determined by technical analysis and news flow
 - Futures coverage is primarily on liquid commodity, equity index markets listed on CME, ICE
 - Analysis on 1 market from Today's Top 3 Trades viewable with free membership or on [IB's Traders' Insight](#)

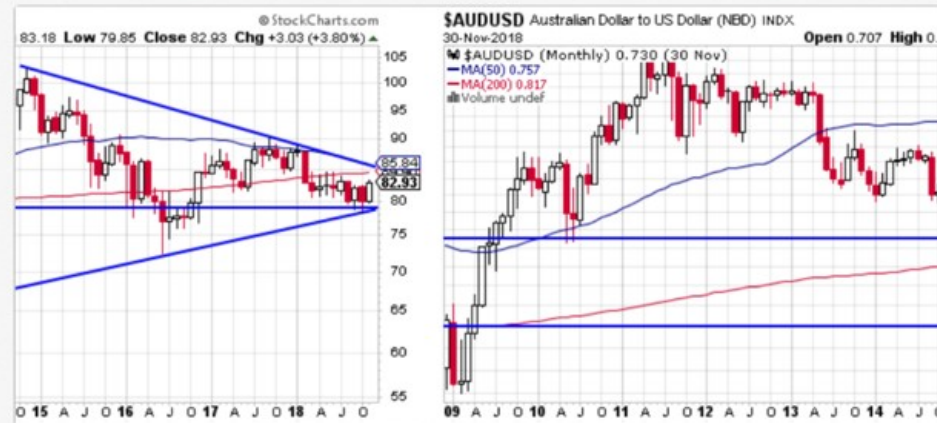
- ❑ [Crypto Weekly Outlook](#) publishes Sundays, and offers technical analysis on Bitcoin (BTCUSD), Ethereum (ETHUSD) and Ripple (XRPUSD) for coming week
 - Analysis on 1 market viewable with free membership

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WHEAT (ZW) BREAKING DAILY CHART DOWNCHANNEL RESISTANCE




Wheat (CME ZW Mar19) Weekly/Daily/4hr Wheat (ZW) is rallying more than 1% going into today's US afternoon,

To view content, click on any headline to open analysis for that day

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https://tradablepatterns.com/2018/12/18/wheat-zw-breaking-daily-chart-downchannel-resistance/



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WHEAT (ZW) BREAKING DAILY CHART DOWNCHANNEL RESISTANCE

[A-] [A+]
[PLEASE REGISTER/LOGIN TO VIEW TODAY'S TOP 3 TRADES.](#)


Each day, the top 3 setups and/or momentum trade ideas (from the [Watchlist](#)) is presented. All markets analysed are ordered by how favourable the risk:reward presented by the trade idea appears, with the market listed at the top deemed at the time the screenshots are captured to be the highest conviction trade for the day. As many of the trade setups and momentum plays are ongoing ideas inspiring trades over a span of weeks and months, many of the markets analysed in **Today's Top 3 Trades** reappear frequently over a span of weeks to months, with technical analysis updated for each day they appear in the newsletter. When one of the markets on the [Watchlist](#) but not in **Today's Top 3 Trades** appears to provide better risk:reward on trade entry for the current day than an existing newsletter market, it gets promoted onto the newsletter, bumping off the idea that no longer qualifies as a top 3 idea for the day.

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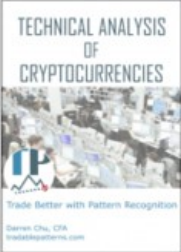
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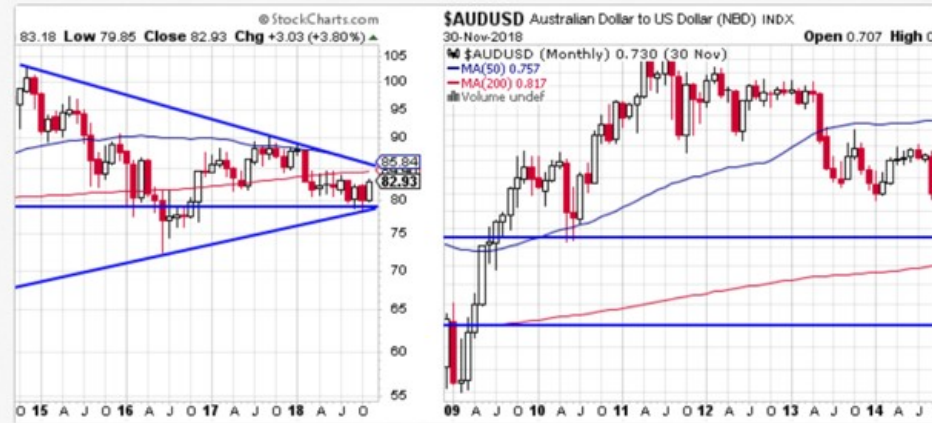
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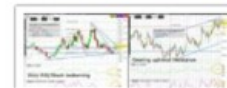
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Interactive Brokers Trading Platform Embeds Free Portion of Newsletter



- ❑ Interactive Brokers links to 1 out of 3 trading ideas from [Today's Top 3 Trades](#) viewable from their trading platform (desktop/mobile) within the newsfeed for market symbols whose content I provide



Source: Interactive Brokers TWS

Interactive Brokers Website Publishes Free Portion of Newsletter



- ❑ Clicking on any of the Tradable Patterns (TP) news headlines from IB trading platform links to [IB webpage](#)
- ❑ **In October 2016, content ranked 3rd most popular (in page views) among 63 third party contributors (e.g. Barron's, Forbes)**

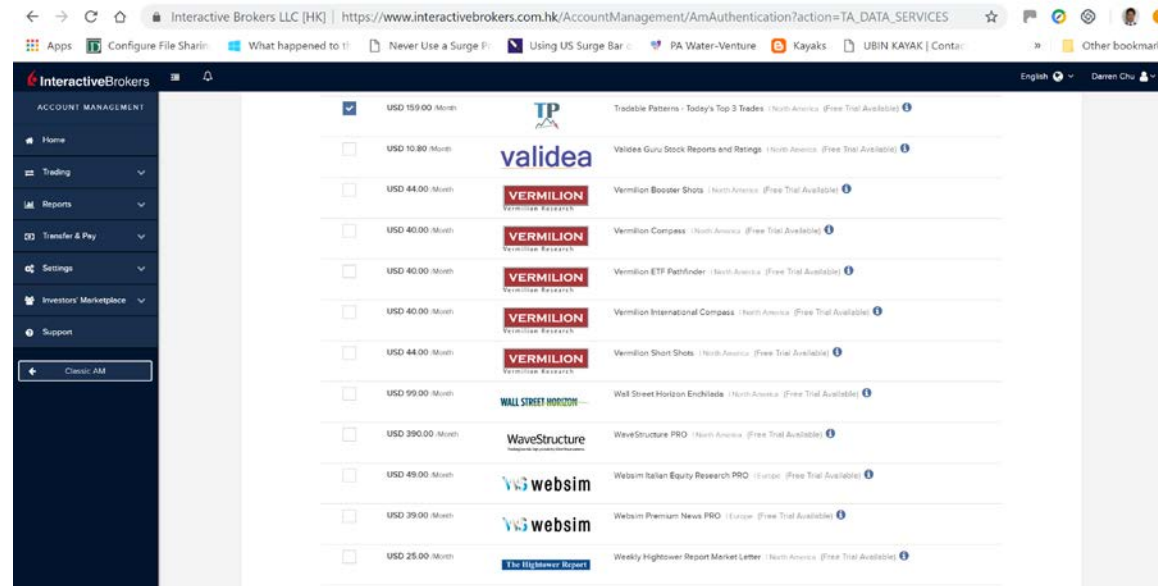
The screenshot shows the Interactive Brokers website interface. The URL in the browser is <https://www.interactivebrokers.co.uk/en/index.php?f=5599&idx=1&sort=DESC&cat=0®=1&org=Tradable+Patterns&video=>. The page header includes the Interactive Brokers logo, language selection (ENGLISH), a search bar, and navigation links for HOME, WHY IBKR, PRICING, PRODUCTS, TECHNOLOGY, EDUCATION, ABOUT IBKR, and CONTACT US. The main content area features a technical analysis article titled "Tradable Patterns - USDCAD Weekly MACD Trying to Positively Cross" by Darren Chu, CFA, Founder of Tradable Patterns. The article text discusses the USDCAD market's consolidation and technical indicators like RSI, Stochastics, and MACD. Below the text are four technical charts: "USDCAD Weekly/Daily/4hr", "Nearing 2018/2019 high", "Wkly RSI/Stoch bottoming", "Wkly MACD trying to +vely cross", and "Dly RSI/Stoch/MACD have upside". A "SIGNUP TO RECEIVE DAILY EMAIL SUMMARIES OF TRADERS' INSIGHT ARTICLES" button is visible on the left side of the article.

Source: Interactive Brokers website

Interactive Brokers Clients Subscribe to Paid Newsletter



IB webpage also lists TP full newsletter as opt-in research



Source: Interactive Brokers website

Growing Institutional Following on Bloomberg, Refinitiv, Factset



❑ Over 300 hedge funds, banks, asset managers, corporates downloaded TP content on Bloomberg in Feb!

- ❑ Frequent Hedge Fund readers include:
- Renaissance Technologies (USD 80B AUM)
 - Two Sigma (USD 50B AUM)
 - Millennium (USD 35B AUM)
 - Citadel (USD 30B AUM)
 - Stevens Capital Management (USD 5B AUM)

- ❑ Frequent Tier 1 Investment Bank readers include:
- Morgan Stanley
 - BAML
 - BNP Paribas
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 - Citigroup
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1) <input type="checkbox"/>	JPY Cur... GBPJPY Nearing 6 Month High Ahead of...	Tradable Patt...	1	11/14/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2) <input type="checkbox"/>	XRP Cur... Wheat Forms 1st Green Weekly Candle i...	Tradable Patt...	1	11/13/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3) <input type="checkbox"/>	XRP Cur... Soybean (ZS) Reverses Post-WASDE Sel...	Tradable Patt...	1	11/12/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4) <input type="checkbox"/>	XBTUSD ... Bitcoin (BTCUSD) Testing 8 Month Dow...	Tradable Patt...	2	11/11/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5) <input type="checkbox"/>	0040504... Cotton (CT) Tests Key .80 Level Post-W...	Tradable Patt...	1	11/09/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6) <input type="checkbox"/>	0040504... Cotton (CT) Weekly MACD Trying to Pos...	Tradable Patt...	1	11/08/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7) <input type="checkbox"/>	AUD Cur... AUDUSD Broke 9 Month Downtrend Resi...	Tradable Patt...	1	11/07/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8) <input type="checkbox"/>	0040504... Corn (ZC) Daily MACD Positively Crossi...	Tradable Patt...	1	11/06/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9) <input type="checkbox"/>	0040504... Arabica Coffee (KC) Daily MACD Trying ...	Tradable Patt...	1	11/05/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10) <input type="checkbox"/>	XAG Cur... Silver (SI) Breaks Daily Chart Triangle...	Tradable Patt...	1	11/02/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11) <input type="checkbox"/>	0040504... Natural Gas (NG) Daily MACD Tries Posi...	Tradable Patt...	1	11/01/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) <input type="checkbox"/>	0040504... Natural Gas (NG) Bouncing Off 50% Fib ...	Tradable Patt...	2	10/31/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) <input type="checkbox"/>	AUD Cur... AUDJPY Daily MACD Trying to Positiv...	Tradable Patt...	1	10/30/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) <input type="checkbox"/>	✓ 0040504... Corn (ZC) Daily MACD Trying to Positiv...	Tradable Patt...		10/29/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) <input type="checkbox"/>	✓ XAG Cur... Silver (SI) Weekly MACD Positively Cro...	Tradable Patt...	1	10/26/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) <input type="checkbox"/>	0040504... Gold (GC) Surges Above 7 Month Downc...	Tradable Patt...	1	10/25/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) <input type="checkbox"/>	0040504... Gold (GC) Breaking Daily Chart Triangl...	Tradable Patt...	1	10/24/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) <input type="checkbox"/>	0040504... Cocoa (CC) Weekly MACD Trying to Posi...	Tradable Patt...	1	10/23/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) <input type="checkbox"/>	✓ XAG Cur... Silver (SI) Daily Chart Triangle Nearin...	Tradable Patt...		10/22/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) <input type="checkbox"/>	✓ DBC US,... Gold (GC) Weekly MACD Positively Cros...	Tradable Patt...	1	10/19/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21) <input type="checkbox"/>	ATGS LN,... Cocoa (CC) Breaks Daily Chart Downtre...	Tradable Patt...	1	10/18/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22) <input type="checkbox"/>	ATGS LN,... Cocoa (CC) Testing 5 Month Downtrend ...	Tradable Patt...	1	10/17/18		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23) <input type="checkbox"/>	✓ DBA US,... Wheat (ZW) Weekly MACD Green Line FL...	Tradable Patt...		10/16/18		

Source: Bloomberg Terminal

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07/30/2018 11:20:37 [TDP]

Nasdaq100 (NQ) Rejected @ Weekly Chart Upchannel Resistance

Report Summary

1 of 1 100%

Jul 28, 2018
Posted by
Darren Chu, CFA
Founder
[Tradable Patterns](#)

Nasdaq100 (NQ) Rejected @ Weekly Chart Upchannel Resistance

The Nasdaq100 (NQ) slid almost 1.5% Friday, and appears vulnerable this week to testing upchannel support (on the daily chart). Bears are increasingly emboldened following NQ's rejection by the weekly chart's upchannel resistance. Aside from the weekly MACD in the included chart which does not have enough history to provide meaningful interpretation, the weekly, daily and 4hr RSI, Stochastics and MACD are rising or steadily sloping down. I am flat after profitably closing shorts Friday and will look to re-enter short in the red zone (of the daily chart), targeting the green zone for mid week. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I set my stops tighter).

Click [here](#) for today's technical analysis on Com, Wheat

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Nasdaq100 (NQ) Weekly/Daily/4hr

Rejected @ upchannel resistance

4hr RSI/Stoch/MACD have downside

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000
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SN 279407 HKT GMT+8:00 H635-9-3 30-Jul-2018 12:50:09

Source: Bloomberg Terminal

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Aug 27, 2018
Posted by Darren Chu, CFA
Founder
Tradable Patterns

AUDUSD Remains Just Below 6 Month Downchannel Resistance

The AUDUSD bounced roughly 75 pips Friday and sits just below downchannel/descending wedge resistance (on the daily chart) and downchannel/downchannel resistance (on the weekly chart). A break above these 2 resistance lines would signal the end of a 6 month downtrend, and likely coincide with continued rebounding of the EURUSD and GBPUSD. The weekly and daily RSI, Stochastics and MACD are bottomish, rallying or consolidating recent gains. I am looking to go long in the green zone (of the daily chart), and am targeting the red zone for Tuesday. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I set my stops tighter).

Click [here](#) for today's technical analysis on EURUSD, GBPAUD

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AUDUSD Weekly/Daily/4hr

Nearing 6 month downchannel resistance

Wkly RSI/Stoch bottoming

Wkly MACD trying to +vely cross

Dly MACD +vely crossing

Source: Refinitiv Eikon

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02/01/2018	GBP/USD Breaks Daily Chart Triangle Resistance	Darren Chu, CFA
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MARKET SNAPSHOT

YMH18 3m Chart

25,400
25,300
25,250

Symbol Last Chg

- Oil 25340 -88
- Nasdaq 6753.25 -2.50
- S&P 2752.25 -4.50
- Crude 65.08 -0.39
- Gold 1337.5 +0.2
- Corn 359.0 -0.4

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Further questions?

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