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Fairlead Strategies, LLC Founder and Managing Partner

DFD Partners: Technical Analysis for Risk Management

August 18, 2022

We use **technical analysis** to identify trends for:

- ✓ Risk management
 - ✓ Market timing
- ✓ Alpha generation



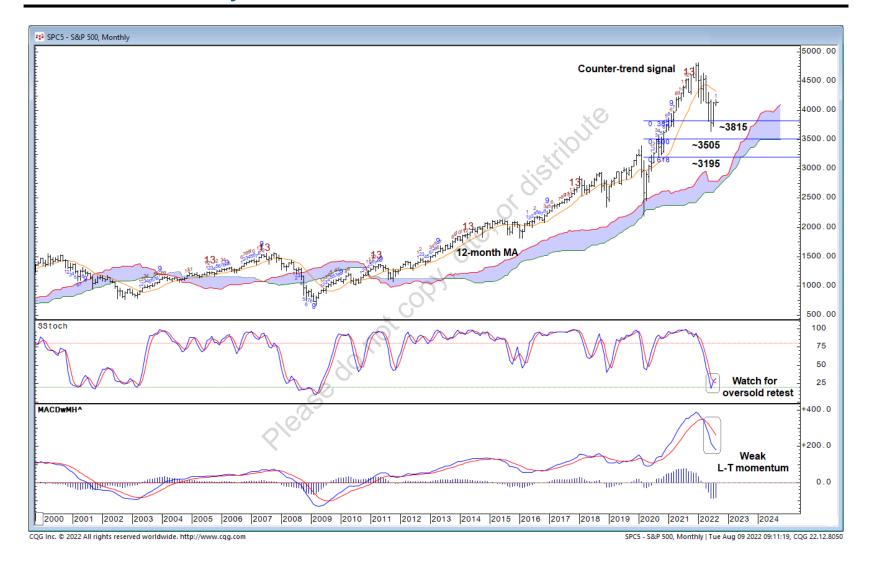
Step 1: Understand top-down influences

- § Primary Trends
- § Key Levels
- § Sector Rotation
- § Market Internals
- § Macro Technicals

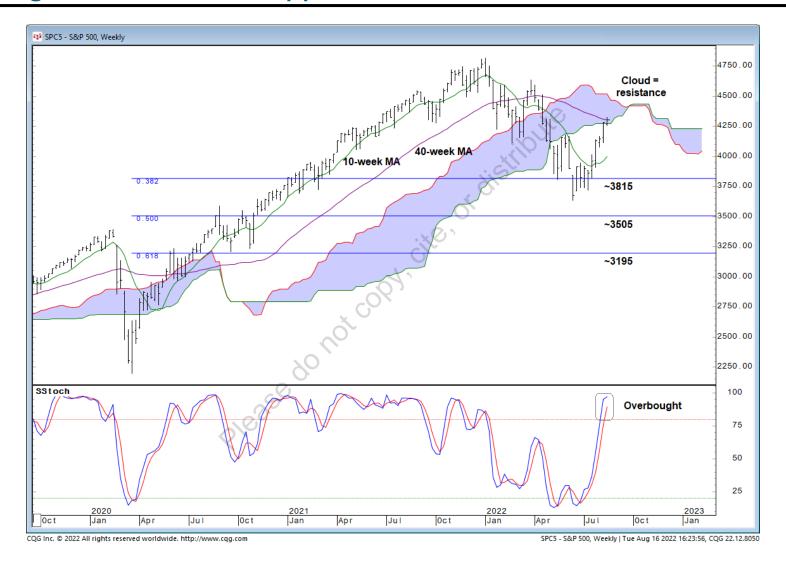
Step 2: Analyze charts bottom-up

- **§** Multiple Time Frames
- § Technical Catalysts
- **Supportive Indicators**
- § Price Objectives
- § Stop-Losses

The SPX is in a cyclical bear within a secular bull



Long-term indicators support the YTD downtrend

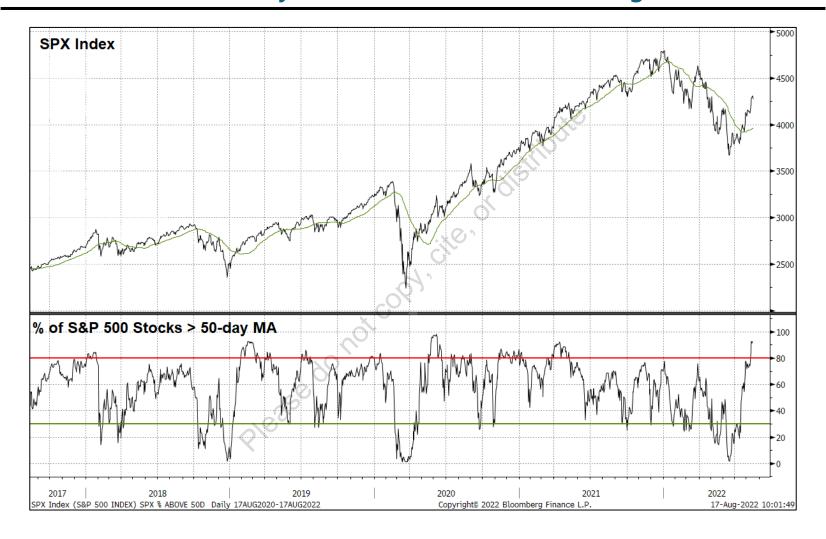


Market internal measures lean overbought with the relief rally

		16-Aug	15-Aug	12-Aug	11-Aug	10-Aug
Price	S&P 500 Index (SPX)	4305.20	4297.14	4280.15	4207.27	4210.24
	SPX % Change	0.19%	0.40%	1.73%	-0.07%	2.13%
Breadth	NYSE Advancers	2277	2172	3351	2536	3599
	NYSE Decliners	1859	1970	779	1632	639
	SPX % > 50-day MA	92%	91%	92%	88%	84%
	SPX % Oversold	1%	1%	2%	4%	5%
	SPX % Overbought	76%	² 71%	65%	44%	38%
	McClellan Oscillator	165	193	237	174	180
Sentiment	Fear and Greed Index	56	54	54	52	51
	AAII Bull-Bear Spread	-4.5	-4.5	-4.5	-4.5	-4.5
	CBOE Volatility Index (VIX)	19.69	19.95	19.53	20.2	19.74
Leadership	NYSE New 52-Week Highs	52	51	52	51	48
	NYSE New 52-Week Lows	13	12	13	13	17
	NYSE Highs - Lows	39	39	39	38	31
Volume	NYSE Volume (Billions)	4.17	3.52	3.65	4.46	4.35
	NYSE Up/Down Volume	1.7	-1.1	7.2	1.7	11.3

Sources: Bloomberg Finance, L.P. & Fairlead Strategies

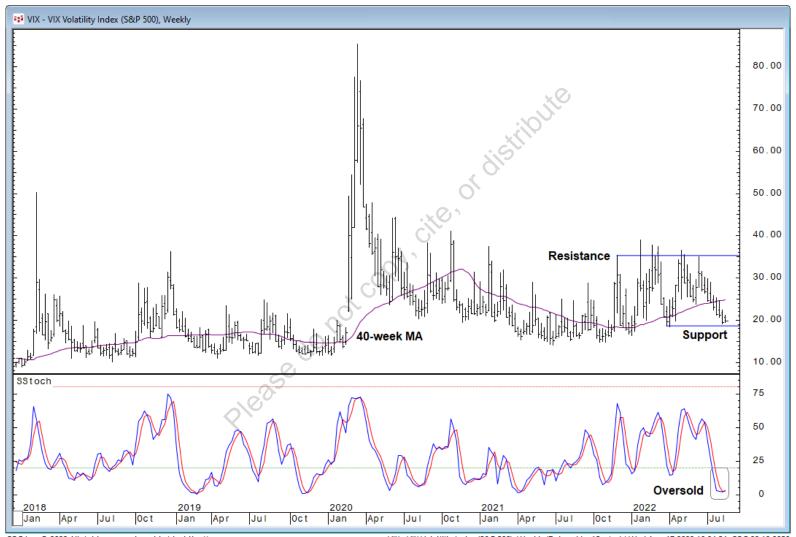
The breadth rebound yielded short-term overbought conditions



However, the contraction yielded long-term oversold readings



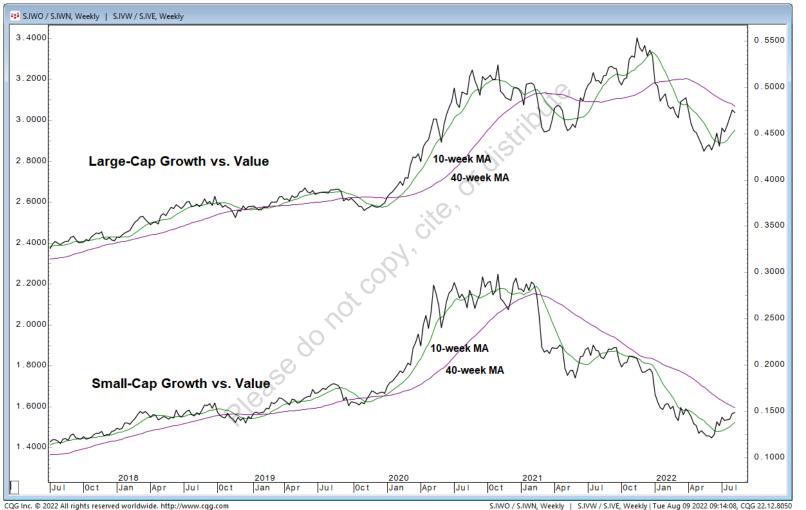
The VIX is into support in a high-volatility cycle



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VIX - VIX Volatility Index (S&P 500), Weekly (Delayed by 15 mins) | Wed Aug 17 2022 10:24:54, CQG 22.12.8050

Growth has rebounded versus value, which remains favored



S.IWO / S.IWN, Weekly | S.IVW / S.IVE, Weekly | Tue Aug 09 2022 09:14:08, CQG 22.12.8050

International markets remain in long-term downtrends vs U.S.



The dollar is in a long-term strengthening trend



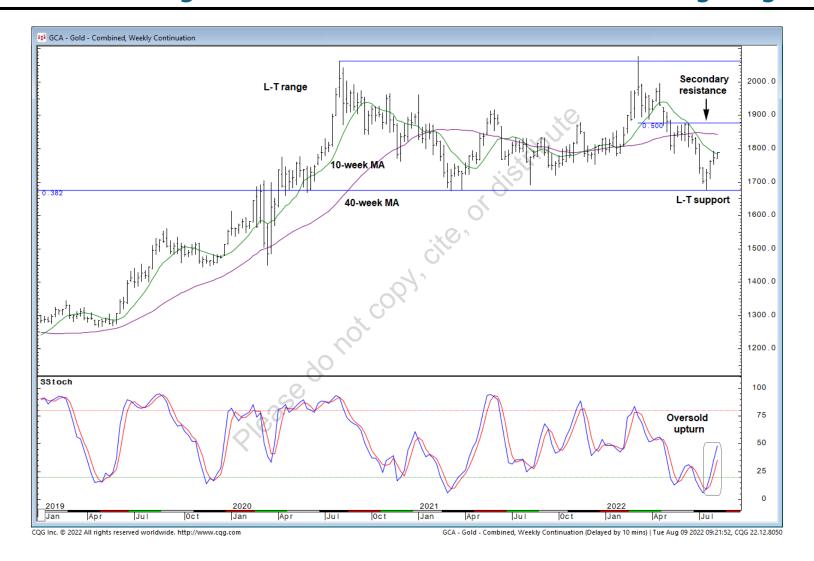
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DXC5 - Dollar Index, Monthly (Delayed by 10 mins) | Tue Aug 09 2022 09:17:43, CQG 22.12.8050

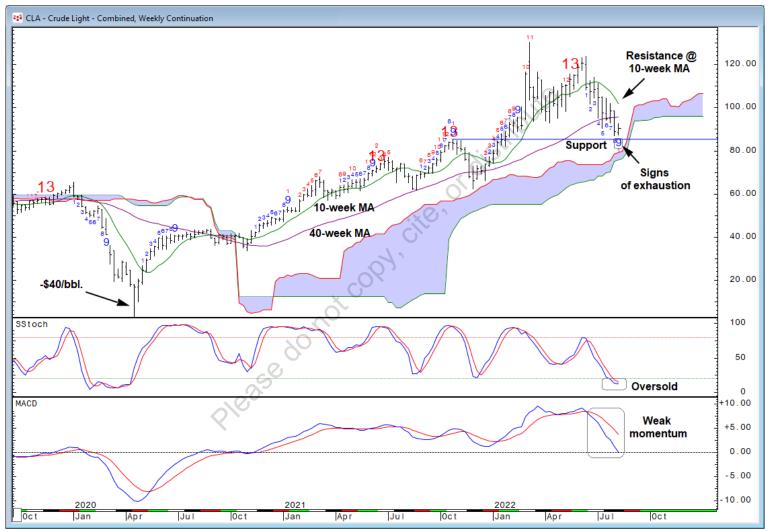
Bitcoin has stabilized near support within its downtrend



Gold is reacting to oversold conditions within its trading range



WTI crude oil is oversold within its long-term uptrend



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CLA - Crude Light - Combined, Weekly Continuation (Delayed by 10 mins) | Tue Aug 09 2022 14:31:37, CQG 22.12.8050

10-year Treasury yields have reversed their downtrend channel



Sector performance has favored energy and utilities

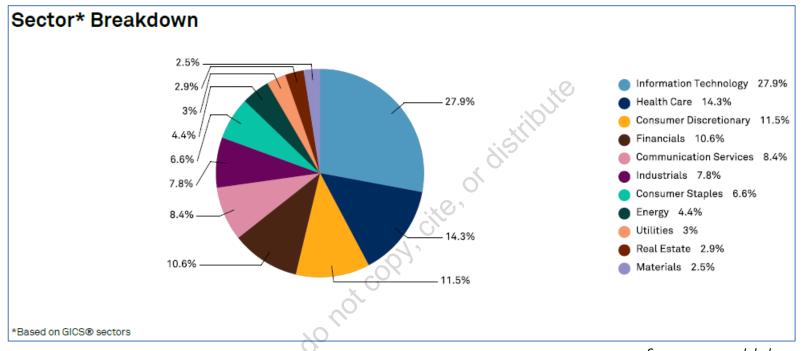


Source: Bloomberg Finance L.P.

Momentum continues to favor defensive sectors vs. the SPX

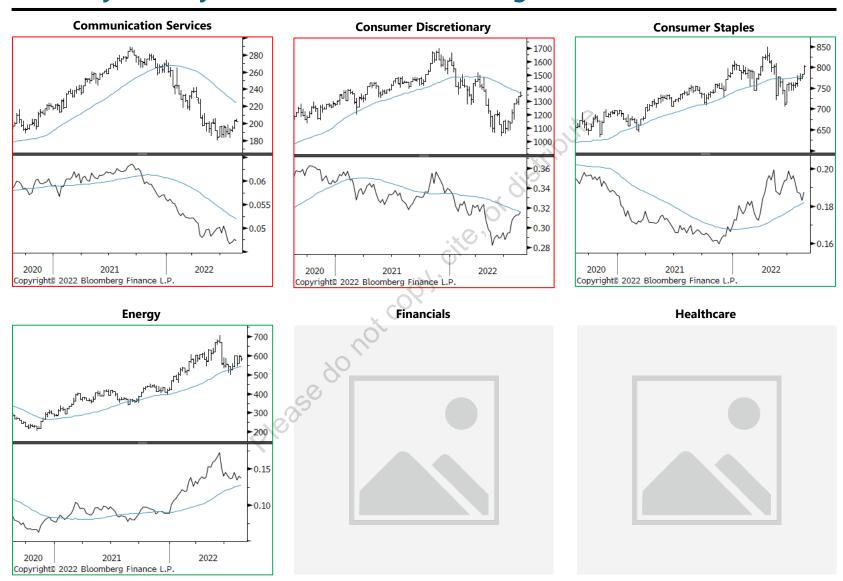


The technology sector has the biggest influence

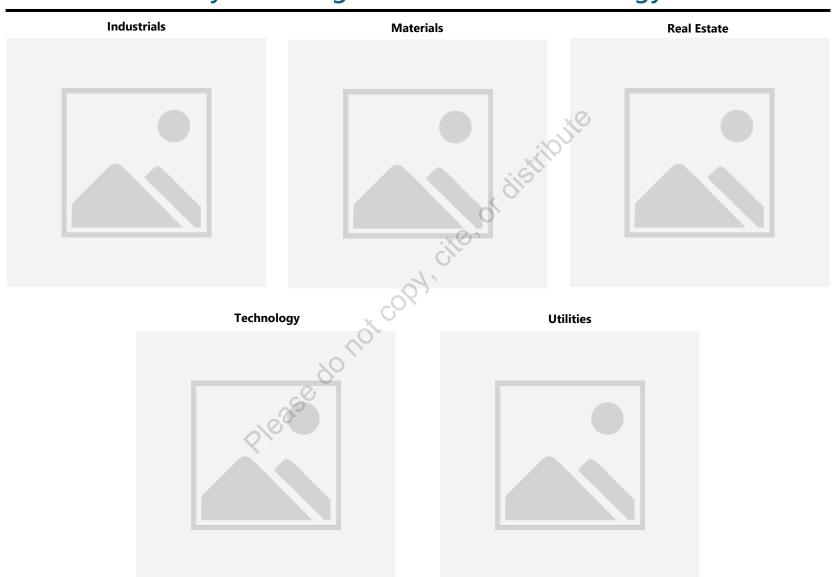


Source: www.spglobal.com

We rely heavily on sector relative strength trends



We are currently overweight defensives and energy



Step 3: Have a mental checklist

- § What are the prevailing trends?
- S Does the long-term support the short-term?
- § Are market internals at extremes?
- § Is the macro environment favorable?
- § Is there a technical (and fundamental) catalyst?
- S Does support/resistance lend a favorable risk/reward?
- S Is sector relative strength supportive?

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Our Approach - TACK

Step 4: Build a model

- S Define Goal(s): Invest in the U.S. equity market with preferred risk/reward metrics, leveraging sector leadership during uptrends while minimizing downside risk during downtrends
- S Determine Investible Universe: ETPs representing sectors, Treasuries (S-T/L-T), gold
- **Establish Portfolio Standards:** Technical/ Quantitative Filters, Risk Thresholds, Equal-Weight, Monthly Rebalance
- **8 Backtest:** Different Environments

Our Approach – TACK

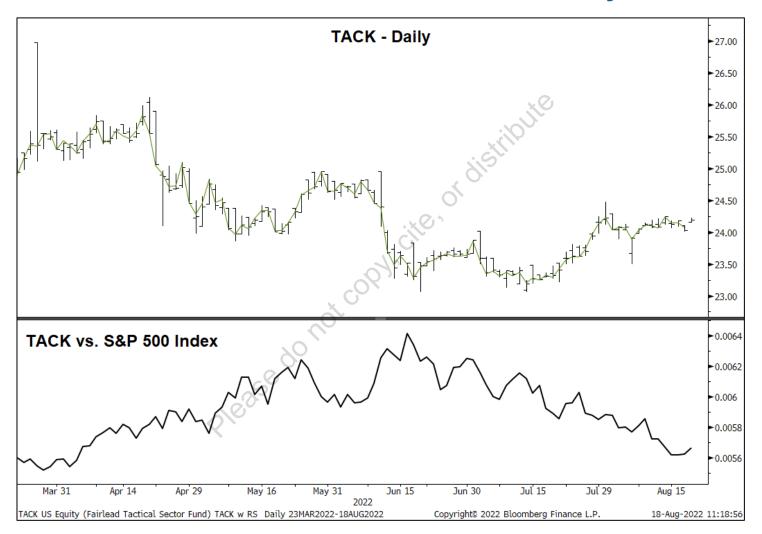
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See Defined Terms section at end for definitions.

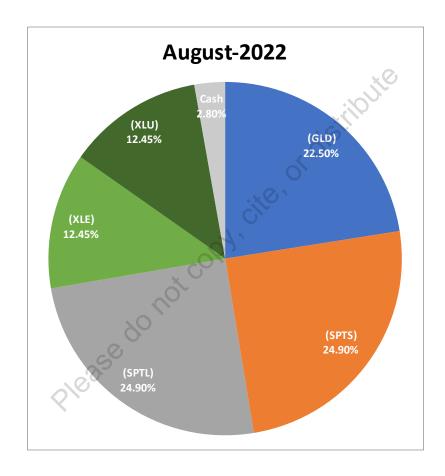
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Past performance is not indicative of future performance. There is no guarantee that this, or any, investing strategy will be successful. Companies involved in commodity-related businesses such as gold may be subject to greater volatility than investments in companies involved in more traditional businesses.

Our Approach – TACK

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For more information about Fairlead Strategies please visit:

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 - www.fairleadfunds.com

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