



WEEKLY RADAR REPORT 4-23-2023



Technical Market View

The **SPX** closed the week completely flat and overall, another quiet week with shrinking volatility but the late week pullback did form a small red weekly doji candle showing indecision and resistance above 4150. The SPY chart below shows the volume profile of the past one year with a large shelf of resistance just above at 415-420 while a volume pocket just below here into 403 so potentially setting up for a pullback to the 21 EMA which would fill in some space in that volume profile and likely be a buyable dip into strong support above 4000 and 4050 on SPX. Anchored VWAP from Oct lows continues to rise and show the broader uptrend from lows is intact but the market up sharply from the bank crisis lows of last month is simply digesting in a healthy way. A close back above 4200 would likely point to 4300 next.



Market Sentiment/Breadth

AAll sentiment for the week ending 4/19 showed bullish responses rise to 27.2% from 26.1% prior while bearish responses rose to 35.1% from 34.1%. Neutral sentiment fell to 37.7% from 39.5%. Neutral sentiment decreased, while optimism slightly increased. The bull-bear spread (bullish minus bearish sentiment) increased 0.5 percentage points to -7.9%. The bull-bear spread remains below average. The NAAIM Exposure index increased to 78.26 from 58.71 and is back near mid Feb highs and above last quarter's average of 63.74. Lipper fund flows for the week ending 4/19 had \$856M of outflows in equities. Friday's close saw NYSE new highs at 54 while new lows of 39 and the 10-day MA of New High/Low Differential is positive still at +20. The percentage of SPX stocks above their 50-MA is at 56.8% while those above their 200-MA was 59.4%. NYSI and NASI Summation indexes are above their 8-MA but started to curl lower while still in a short term buy signal. NYMO McClellan Oscillator closed at -4 and back to a Neutral zone. The cumulative AD line ticked lower this week but is above the 40 EMA short term trend and back above the 89 EMA long term bull signal. CBOE Equity P/C 50-day MA at 0.69. CNN Fear and Greed index is in Greed zone at 65 from 67 last week. VIX/VXV ratio is back down to 6 months lows to 0.822, which measures the spread between 1- and 3-month implied volatility.

Seasonality Outlook

Per the Trader's Almanac,

- The Monday after April OPEX day has been weaker while the full week has been slightly bullish.
- The last trading day of April is the weakest of the month historically, avg returns -0.20% on SPX.
- Nasdaq strength tends to fade the last few days of April.
- April ends the S&P's best 6 months' time frame that typically begins at the start of November and the months starting in May through October have tended to be choppy and below average.

Below shows the daily odds the market has been up each day since the year 2000. April overall maintains a bullish bias into earnings season historically and then typically has faded the last few days of the month into early May. The week after April options expiration week has been bullish overall as well, up 28 of the last 43 years for the Nasdaq, with average gains at +0.58%. Stocks tended to anticipate better than expected 1st quarter earnings and rally into earnings season before seeing profit taking into mid-May. The Monday after OPEX has been weaker while midweek strength tends to then get sold by Friday which is also the last trading day in April this year and has historically been the weakest day of the month, down -0.20% on average since 1980. The first day of May has been bullish up two thirds of the time since 2000 while the first full week of May has been choppy and more mixed.

Seasonality Percentages							% up since year 2000
	Monday	Tuesday	Wednesday	Thursday	Friday	Weekly Avg	
	4/24/2023	4/25/2023	4/26/2023	4/27/2023	4/28/2023		
Dow	42.9	61.9	66.7	66.7	28.6	53.4	
S&P	47.6	52.4	57.1	66.7	33.3	51.4	
Nasdaq	52.4	42.9	47.6	76.2	33.3	50.5	
Average	47.6	52.4	57.1	69.9	31.7	51.8	
	Monday	Tuesday	Wednesday	Thursday	Friday	Weekly Avg	
	5/1/2023	5/2/2023	5/3/2023	5/4/2023	5/5/2023		
Dow	57.1	66.7	42.9	42.9	61.9	54.3	
S&P	66.7	52.4	38.1	47.6	57.1	52.4	
Nasdaq	66.7	57.1	38.1	52.4	52.4	53.3	
Average	63.5	58.7	39.7	47.6	57.1	53.3	

Market Event Outlook

Monday: Dallas Fed Manufacturing; **International Data:** German Business Climate, UK House Prices; **International Earnings:** Philips, Reliance Industries, Pernod Ricard, Vivendi; **Earnings Before the Open:** BOH, KO, PHG; **Earnings After the Close:** AGNC, ARE, AMP, NTB, BRO, CADE, CDNS, CNI, CHX, CLF, CCK, FRC, HSTM, HTLF, HXL, HOPE, IBTX, MEDP, PKG, PCH, RRC, SSD, TENB, AAN, TBI, WSBC, WHR, WSFS; **Analyst Meetings:** CNK, IMAX, ALV; **Conferences:** **American Academy of Neurology (AAN) annual meeting 4/24-4/25** (TGTX, ACAD, ATHA, BIVI, CLNN, CNTG, DNLI, ECOR, HSDT, HZNP, IMPL, IONS, JAZZ, NVS, PEPG, PRAX, RNA, STSA, VIGL)

Tuesday: Consumer Confidence, New Home Sales, Richmond Manufacturing; **International Data:** Japan PPI, Retail Sales, UK Public Finances; **International Earnings:** Nestle, Santander, Vinci, Canon Electronics; **Earnings Before the Open:** MMM, ABB, ADM, ARCC, AWI, ABG, AUB, BKU, BIIB, CNC, CBU, GLW, DHR, DOW, FBP, FCF, FISV, GATX, GEHC, GE, GM, GEO, HAL, HUBB, IVZ, JBLU, KMB, LH, LKFN, LTH, MCD, MCO, MSCI, NEE, NEP, NTRS, NVS, NVR, ONB, OMF, PCAR, PEP, PII, PHM, RTX, ST, SHW, SSTK, SFNC, SITC, SBSI, SPOT, SCL, THC, TRU, UBS, UPS, VZ, XRX; **Earnings After the Close:** GOOG, AGR, AZZ, BXP, BYD, CMG, CB, CSGP, EGP, WIRE, ENVA, ENPH, EQR, HA, HIW, ILMN, JBT, JNPR, MANH, MTDR, MSFT, NEX, OI, PACW, RNST, ROIC, LRN, TX, TXN, TRMK, UMBF, UHS, VBTX, VICR, V; **Analyst Meetings:** AMC, CSCO, GMGI, WMT, BTAI, IRON; **Conferences: Stifel's Virtual Targeted Oncology Event 4/25-4/26** (KYMR, BPMC, COGT, KURA, ACRV, BDTX, CCCC, CMPX, EFTR, GERN, IGMS, KYMR, RLAY, THRX, VSTM)

Wednesday: Durable Goods, Prelim Wholesale Inventories, Crude Oil Inventories; **International Data:** Australia CPI, German Consumer Confidence, French Consumer Confidence and Total Jobseekers, UK Retailing; **International Earnings:** Roche, Nomura, Canon, Air China, Hitachi, SAAB, Glencore, Danone, Puma; **Earnings Before the Open:** ALKS, ALLE, AMT, APH, ADP, AVY, BXMT, BA, BOKF, BSX, CVE, GIB, CME, CSTM, DOV, ETR, EVR, EXTR, FSV, FTV, GD, GPI, HCSG, HTLD, HES, HLT, HUM, NSP, IART, MKTX, MAS, COOP, NAVI, NSC, ODFL, OTIS, OC, PAG, BPOP, PDS, PRG, PB, RCI, RES, R, SLGN, SLAB, SF, TMHC, TEL, TECK, TDY, TMO, TNL, UBSI, UMC, VRT, WNC, WAB; **Earnings After the Close:** TWOU, ACHC, AFL, AGI, ALGN, AB, AWK, NLY, AM, AR, AGL, ASGN, AZPN, AVB, AXS, BMRN, CHRW, CACI, CP, CLS, CCS, CHDN, COLB, FIX, CNMD, CLB, CVBF, EBAY, EW, ESI, EPR, EQT, ETD, EVTC, FARO, FIBK, FBIN, FTAI, GSHD, GGG, HELE, HP, ICLR, IEX, PI, KALU, KRC, KLAC, LSTR, LC, LXFR, MAT, MXL, MMSI, MTH, META, MEOH, MAA, MC, MOH, MYRG, NTGR, NVRO, NOV, ORLY, OII, CASH, PTEN, PEB, PEGA, PPC, PXD, PLXS, PTC, QS, RJF, RHI, ROKU, ROL, SAFE, SLM, SGMO, NOW, SNBR, SAVE, SPSC, STAG, STC, SUI, NOVA, TDOC, TER, TNET, TROX, TYL, UDR, UCTT, URI, MDRX, WCN, WM, WSC, WOLF, WH; **Analyst Meetings:** LAD, ULTA; **Conferences: Stifel's Virtual Targeted Oncology Event** (DCPH, RLAY, CTIC, NUVL, ACRV, BDTX, CCCC, CMPX, EFTR, GERN, IGMS, KYMR, RLAY, THRX, VSTM)

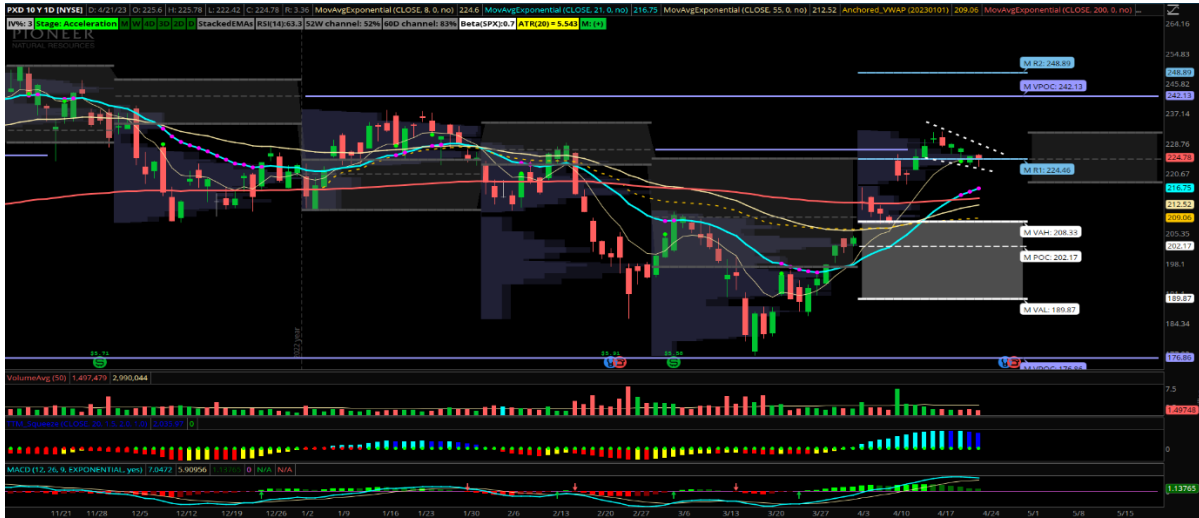
Thursday: GDP, Jobless Claims, Pending Home Sales; **International Data:** Eurozone Consumer Confidence, Italy Consumer Confidence, UK Business Barometer; **International Earnings:** Kyocera, Samsung, BASF, Hyundai Motor, LG Electronics; **Earnings Before the Open:** AOS, ABBV, MO, AAL, AIT, ARCH, AMBP, AZN, B, BAX, BFH, BMY, BC, CRS, CARR, CAT, CBZ, CBRE, CNP, CHD, CMS, CNX, CMCSA, CROX, CTS, CFR, DPZ, DTE, LLY, EME, EXLS, FIS, FAF, FCFS, FCN, THRM, GWW, HEES, HOG, HAS, HSY, HTZ, HGV, HON, IP, ITGR, ICPT, IPG, IQV, KDP, KIM, KEX, LEA, LII, LECO, LIN, LKQ, HZO, MA, MPW, MRK, MBLY, NEM, NOC, OSIS, OSTK, PPBI, PATK, BTU, MD, PNR, PBI, DGX, RS, ROK, ROP, SPGI, SNY, SNDR, SIRI, SWI, SAH, SO, LUV, SRCL, STM, STRA, FTI, TXT, SHYF, TSCO, TW, TPH, TRS, VLO, VLY, VC, WST, WEX, WTW, WNS, XEL; **Earnings After the Close:** ACCD, ATVI, AEM, ALSN, AYX, AIMC, AMZN, ABCB, AMGN, ATR, ACA, AJG, AX, BZH, BJRI, SAM, CPT, COF, CSL, CWST, CHE, CC, CINF, NET, COLM, OFC, COUR, CUZ, CRSP, CUBE, DXCM, DLR, DRQ, EMN, ELME, EIG, EHC, ENSG, ESS, EXPO, FICO, FHI, FSLR, FE, GLPI, GFL, GILD, HIG, PEAK, HUBG, IMAX, INTC, KNSL, KN, LHX, LPLA, LTC, MTX, MHK, MDLZ, NATI, NWE, OIS, OLN, PFSI, PINS, PFG, PFS, PTCT, RSG, RMD, SGEN, SKX, SKYW, SM, SNAP, SSB, SWN, SSNC, SNCY, TMUS, SKT, SLCA, X, VRSN, WY; **Analyst Meetings:** LMT; **Conferences:** None

Friday: Core PCE Price Index, Chicago PMI, Revised Consumer Sentiment and Inflation Expectations; **International Data:** Japan BOJ Policy Meeting, Jobless Rate, Tokyo CPI, Retail Sales and Housing Starts, Australia PPI, Eurozone GDP, Germany GDP and CPI, French and Italian CPI and GDP, Canada GDP; **International Earnings:** Mitsubishi, Daimler, Electrolux; **Earnings Before the Open:** AON, ARCB, ARES, AVTR, BLMN, CCJ, CRI, GTLS, CHTR, CVX, CL, DAN, XOM, FHB, GNTX, EAF, IMGN, IMO, JKS, LAZ, LYB, MOG.A, NYCB, NWL, NIO, NVT, POR, SAIA, SXT, STEL, TRP, TNC, WPC, WT; **Analyst Meetings:** None; **Conferences:** None

Weekly Open Interest Radar

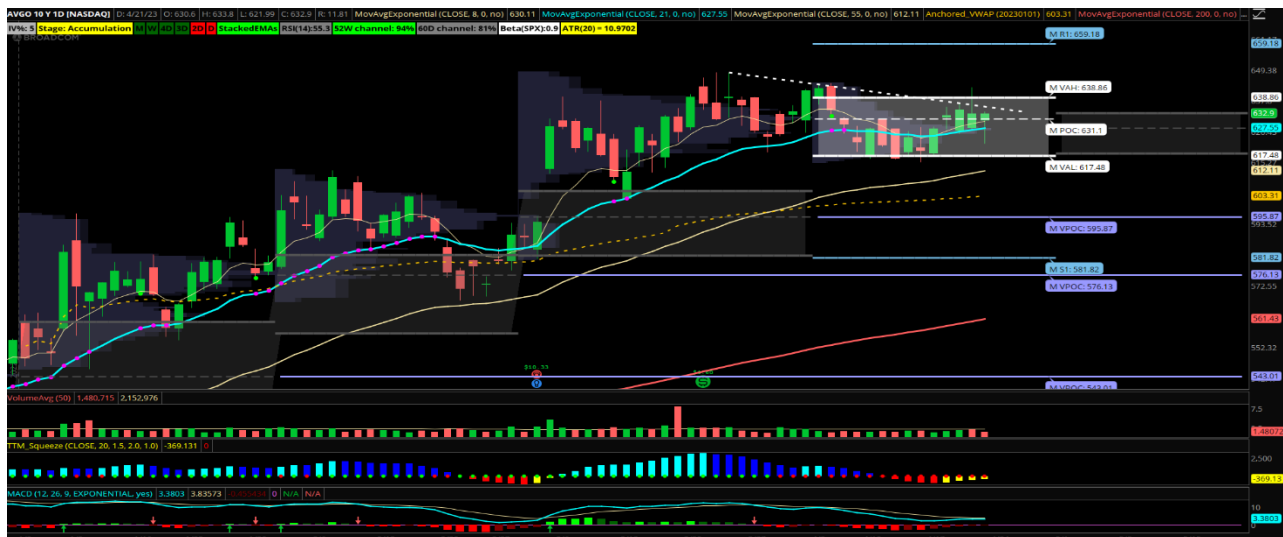
Pioneer Natural Resources (PXD) shares are forming a bull flag above all key moving averages after the strong recent run higher and reports earnings later this week with rumors of M&A chatter apparent recently. The rumored acquisition is thought to be Exxon who just so happens to report this week as well on 4/28 so with a bull technical setup and bullish open interest persisting it makes for a nice upside trade. Large recent buyer of 3000 June \$245 calls at \$4.80 also sold May \$240 calls for \$4.20 for a small net debit looking for upside into that 240-245 zone. Also, over 1000 September \$250 calls bought last week for \$7.40 and a 4/11 buyer of 330 Sept \$205 calls at \$27.10 still holding while 440 May 26th \$230 calls bought for \$10.24 on 4/14.

Trade to Consider: Long PXD June \$230/\$250 Call Spreads for \$5.50 or better



Weekly Options Technical Trade Set-Up

Ticker	AVGO
Trigger Level	640
Call/Put	Calls
Strike	640
Target	650
Stop	630



Credit Spread of the Week

Bull Put Spreads in China E-Commerce Name Pulling Back to Value Area

Pinduoduo (PDD) has been pulling back to the top of 2022 yearly value area support at near 68 after making highs around 100 earlier in the year. The stock doubled from the October lows near 40 so now back to a 50% retracement level of that large advance and back to a level where it makes sense to look for a rebound using bull put spreads. A bounce back to 80-85 can easily be seen if this large support at 65-70 holds. Options flows have seen some large opening put sales with 2250 May \$65 puts sold at \$2.77 on 3/29 and also still has 6000 June \$80 ITM short puts in OI from opening sales on 3/20 for \$8.55. Over \$5M in put premium sold showing confidence in being long at the 80 level in June. On 3/3 also a large opening seller of 5000 October \$75 puts sold to open for \$7.20 and still holding in OI down so far.

Trade to consider: Sell PDD June \$70/\$65 bull put spreads at \$2.25 credit or better. Targeting 50% profit of the credit.



Insider Trade of the Week

Lockheed Martin (LMT) had a large notable insider buy on 4/19 when director Jon Donovan bought 506 shares at \$495.17 for over \$250K in total and increased his stake by +22%. This adds to his recent purchase of shares in January and October at \$451 and \$441 per share, all in total about \$750K bought since the October lows. LMT only has a handful of insiders buy transaction since 2019 so somewhat uncommon to see and especially notable since the stock is making new highs recently hit a fresh all time high of 508.10 before pulling back. Shares have been rallying since the large weekly candle breakout in October and have been staying strong recently, getting over the December highs. Now the potential to pullback to stronger support at 470 being the 21-week EMA while yearly value high support comes in at 452. The 1.618% fib extension from the 2022 breakout move measures up to a target of 530.

The \$122.2B company trades at 17.6x earnings, 2.0x sales, with FCF yield of 5.3% and a dividend yield at 2.6% while is expected to see revenues grow +1% in FY23 and +3% growth estimated in FY24. Lockheed Martin Corporation is a security and aerospace company. It operates through four segments. Aeronautics, Missiles and Fire Control, Rotary and Mission Systems, and Space. LMT is coming off a strong quarter where they beat EPS and reaffirmed guidance fueled largely by the Space division seeing strong sales growth. The average analyst price target is \$510. Citi boosted its target to \$579 from \$546 this month and keeps a Buy rating while Credit Suisse raised its target to \$550 from \$510 and keeps

an Outperform rating citing the company is arguably hitting its stride, with sales beating Street in the last two quarters following consistent misses from Q1-Q3 of 2022. Short interest is at 1.1% and hedge fund ownership rose 0.5% last quarter.

Earnings Preview

Roku (ROKU) is reporting earnings on 4/26 after the market closes and the Street is looking for \$-1.50 EPS on sales of \$706.93M. Shares have closed lower 5 of the last 8 reports with a median closing move of -4.29% and average max move of 17.87%. Current implied move is 11.54%. The average IV crush for earnings is -22.09%. Historical put/call OI percentile is 50.82%. Short interest is at 9.2% and has increased 10.4% in the last 3 months. Shares have been pulling back the past week under key support at 60 which is the 55 day EMA and near monthly value area low. The stock has a VPOC support below at 52 and resistance above is at 74 being the 200 day EMA still declining while a large VPOC target up at 80 still overhead.

The \$8.1B company trades at 1.8x sales, 3.2x book value with revenue expected to grow +5% in FY23 and +17% growth estimated for FY24. ROKU is struggling to reach profitability again with FY24 seen as positive EBITDA likely. ROKU has often been rumored as a takeover name potential with its market cap under \$10B now after peaking closer to \$50B in 2021. Analysts have an average target for shares at \$69. Susquehanna upgraded the stock to Positive and a \$75 price target last month on attractive risk/reward saying Despite near-term noise, the long-term connected TV opportunity remains intact and Roku will be a prime beneficiary of the secular shift of linear budgets. The firm believes the scatter market likely bottomed in late Q4, with improvement building through Q1. Beyond scatter, Susquehanna's checks indicate that the broader connected TV market is generally healthy and should see a tailwind from the upfronts. Roku is beta testing opportunities to bring more third-party digital service provider buying to its demand-constrained platform, and views this as a potential source of incremental high margin revenue. DA Davidson has a \$73 target and Buy rating while BAML upgraded to Buy in February and boosted its target to \$85 from \$45 saying it believes Roku's new partnerships with media networks can improve its access to advertisers. It now sees a path to revenue and margin improvement for the company. Option flows have been leaning bullish but action on both sides recently with a buyer last week of 1000 June 2024 \$80 calls at \$10.50 and 1200 September \$65 calls bought for \$8.55 while also 2400 April 28th \$60 puts bought for \$4.95. ROKU still has a massive opening put seller in OI from 2/16 when 4000 January 2025 \$75 puts sold to open at \$22.25 but also 2600 September \$75 short calls in OI holding from sales on 3/21 at \$8.25.

Trade to Consider: Sell **ROKU** May \$60/\$55 bull put spreads for \$2.50 Credit

Weekly Small Cap Write-Up

Commercial Metals Co. (CMC) last week with unusual accumulation of 2720 May \$49 calls and 4,085 May \$50 calls. CMC shares are -1.75% YTD and have been holding a rising 200-day moving average as support since selling off from February highs and a move above \$50 can resume an uptrend to new highs.

CMC and subsidiaries manufacture, recycle and fabricate steel and metal products and provide related materials and services through a network of facilities that includes seven electric arc furnace mini mills, two EAF micro mills, one rerolling mill, steel fabrication and processing plants, construction-related product warehouses and metal recycling facilities in the United States. Its Tensar division, acquired for \$550M a year ago, is a leading global provider of innovative ground and soil stabilization solutions selling into more than 80 national markets through two major product lines: Tensar® geogrids and Geopier® foundation systems. CMC manufactures products from approximately 98% recycled material using energy-efficient technology and employing closed-loop water recycling processes.

Near-Term Market Outlook – Key Construction Indicators



The most rebar intensive market segments are forecasted to experience the highest rates of growth over the next five years. CMC's downstream bidding activity, which provides the best view of developments within the future project pipeline, also remains robust, increasing more than 30% on a year-over-year basis during the quarter. CMC's 3 largest states by steel volumes have drafted or approved multiyear highway construction budgets that on a combined basis represents an increase of 24% compared to the average levels of the past year. The combination of increased federal funding and rising state budgets should support a strong highway market for several years to come. Transportation infrastructure is also the most rebar-intensive segment of the construction market. Just last month, another semiconductor plant was announced in Utah, bringing the total number of planned facilities to 12 and planned investment across the industry to \$287 billion. All of these facilities include multiple phases, are massive in size and consume large amounts of rebar. They also require extreme structural rigidity and extensive site logistics development, which makes them attractive targets for CMC's Tensar product line. Significant investments are also planned for electric vehicle and battery manufacturing with at least 20 facilities in some phase of planning or construction at a capital cost exceeding \$60 billion. Semiconductor and electric vehicle plants are the highest profile examples of supply chain hardening, but other industries are also experiencing increased activity or project planning.

CMC has a \$5.67B market cap and trades at an attractive valuation of 8.55X Earnings, 4.6X EBITDA and 9.7X FCF with a strong balance sheet and 1.35% dividend yield. Following revenue growth of 22.9% and 32.4% the last two years along with EBITDA rising to \$1.75B from \$567.3M over that span, CMC is seen at the peak of an earnings cycle with forecasts expecting negative growth through 2024. CMC profiles as the most environmentally sustainable play in the industry which could attract a larger player in an acquisition. CMC has a strong operational history with a 22.7% ROIC. CMC stands to benefit from long-term structural trends like Infrastructure Investment, Reshoring and Supply Chain Realignment and Energy. CMC has plenty of dry powder with low debt to EBITDA that could allow it to make another key acquisition. Rebar – shredded scrap spread has declined from its mid-2022 peak of \$660/ton to \$410/ton in March 2023 amid higher scrap costs and seasonal lull in demand and should rebound as construction activity rebounds in coming months. The devastation in Turkey, which supplied 31% of rebar imports to the US, also likely creates additional opportunity for CMC as Turkey focuses on its rebuilding efforts.

CMC is an attractive value positioned well for leading indicators suggesting strong demand ahead for which the Street estimates appear to be too low. It is a very well-run company and should continue to outperform metals peers.

April 28th, 2023 OpEx Notable Open Interest

Bull Bias: AMZN, NVDA, CROX, GOOGL, ALGN, SEDG, SNOW, EA, RTX

Bear Bias: MSFT, TSLA, COIN, ROKU, ADM, F, BX, VLO, CSCO, WBD

Date	Description	Volume	Current C	Current Price	Price Change	Current Valu
3/23/2023	AMZN 100 (Weeklys) 28 APR 23 105 CALL	3,149	41,153	\$4.85	53.97%	\$19,959,205
3/15/2023	AMZN 100 (Weeklys) 28 APR 23 105 CALL	10,497	41,153	\$4.85	78.31%	\$19,959,205
3/20/2023	AMZN 100 (Weeklys) 28 APR 23 100 CALL	6,715	16,173	\$8.25	83.33%	\$13,342,725
3/17/2023	AMZN 100 (Weeklys) 28 APR 23 110 CALL	11,335	36,828	\$2.51	22.68%	\$9,262,242
3/15/2023	AMZN 100 (Weeklys) 28 APR 23 106 CALL	7,244	17,474	\$4.35	73.31%	\$7,601,190
4/18/2023	AMZN 100 (Weeklys) 28 APR 23 104 CALL	10,926	12,868	\$5.50	-83.33%	\$7,077,400
3/29/2023	META 100 (Weeklys) 28 APR 23 215 CALL	1,162	4,388	\$8.78	18.74%	\$3,850,470
4/12/2023	META 100 (Weeklys) 28 APR 23 215 PUT	3,196	3,430	\$10.68	4.97%	\$3,661,525
4/4/2023	TSLA 100 (Weeklys) 28 APR 23 160 PUT	11,256	16,829	\$2.09	-19.50%	\$3,508,846
4/12/2023	MSFT 100 (Weeklys) 28 APR 23 290 PUT	10,464	4,338	\$8.03	-22.16%	\$3,481,245
4/3/2023	AMZN 100 (Weeklys) 28 APR 23 115 CALL	6,422	31,660	\$1.06	4.46%	\$3,340,130
3/15/2023	BABA 100 (Weeklys) 28 APR 23 70 CALL	962	1,558	\$19.28	51.77%	\$3,003,045
4/18/2023	NVDA 100 (Weeklys) 28 APR 23 260 PUT	6,733	16,145	\$1.59	-11.94%	\$2,558,983
4/10/2023	NVDA 100 (Weeklys) 28 APR 23 260 PUT	2,123	16,145	\$1.59	72.05%	\$2,558,983
4/10/2023	V 100 (Weeklys) 28 APR 23 230 CALL	1,545	3,651	\$6.73	-113.49%	\$2,455,298
3/31/2023	PBR 100 (Weeklys) 28 APR 23 9 CALL	2,100	9,303	\$2.63	62.04%	\$2,442,038
4/4/2023	AMZN 100 (Weeklys) 28 APR 23 104 PUT	1,126	9,984	\$2.42	-48.51%	\$2,416,128
3/29/2023	AAPL 100 (Weeklys) 28 APR 23 160 CALL	3,588	4,330	\$5.48	4.09%	\$2,370,675
4/12/2023	COIN 100 (Weeklys) 28 APR 23 67 PUT	1,000	2,699	\$8.38	99.40%	\$2,260,413
4/19/2023	CROX 100 (Weeklys) 28 APR 23 150 CALL	3,604	3,849	\$5.85	20.62%	\$2,251,665
4/11/2023	CROX 100 (Weeklys) 28 APR 23 129 CALL	1,618	1,096	\$19.80	204.62%	\$2,170,080
4/13/2023	NVDA 100 (Weeklys) 28 APR 23 257.5 CALL	1,124	1,280	\$15.40	0.65%	\$1,971,200
4/3/2023	ROKU 100 (Weeklys) 28 APR 23 63 PUT	2,477	2,707	\$7.00	66.67%	\$1,894,900
4/17/2023	GOOGL 100 (Weeklys) 28 APR 23 105 PUT	5,257	7,256	\$2.59	17.78%	\$1,879,304
3/29/2023	META 100 (Weeklys) 28 APR 23 230 CALL	1,893	4,990	\$3.55	2.90%	\$1,771,450
4/11/2023	MSFT 100 (Weeklys) 28 APR 23 270 CALL	1,086	958	\$17.38	-2.11%	\$1,664,525
3/28/2023	FUTU 100 (Weeklys) 28 APR 23 45 CALL	7,691	8,825	\$1.85	47.14%	\$1,632,625
4/11/2023	COIN 100 (Weeklys) 28 APR 23 70 PUT	1,169	1,410	\$11.13	103.75%	\$1,568,625
3/22/2023	JPM 100 (Weeklys) 28 APR 23 126 CALL	1,001	1,032	\$14.75	115.33%	\$1,522,200
4/19/2023	GOOGL 100 (Weeklys) 28 APR 23 102 CALL	2,816	3,015	\$4.90	20.99%	\$1,477,350
3/28/2023	WYNN 100 (Weeklys) 28 APR 23 108 CALL	3,204	2,140	\$6.48	-72.67%	\$1,385,650
3/24/2023	AAPL 100 (Weeklys) 28 APR 23 167.5 CALL	3,668	16,056	\$0.81	56.72%	\$1,292,508
3/17/2023	MSFT 100 (Weeklys) 28 APR 23 300 CALL	6,471	10,232	\$1.26	-70.00%	\$1,289,232
4/10/2023	SNAP 100 (Weeklys) 28 APR 23 12 PUT	2,129	5,799	\$2.21	-11.36%	\$1,278,680
3/21/2023	JPM 100 (Weeklys) 28 APR 23 132 CALL	2,011	1,445	\$8.78	-105.50%	\$1,267,988
4/12/2023	ADM 100 (Weeklys) 28 APR 23 80 PUT	10,009	10,399	\$1.20	-4.00%	\$1,247,880
4/19/2023	F 100 (Weeklys) 28 APR 23 12 PUT	17,476	29,000	\$0.43	65.38%	\$1,247,000
4/21/2023	ROKU 100 (Weeklys) 28 APR 23 60 PUT	2,412	1,130	\$5.03	1.52%	\$1,213,236
3/22/2023	JPM 100 (Weeklys) 28 APR 23 136 CALL	2,010	2,372	\$4.93	198.48%	\$1,168,210
4/6/2023	ALGN 100 (Weeklys) 28 APR 23 355 CALL	601	627	\$18.15	150.34%	\$1,138,005
4/5/2023	WHR 100 (Weeklys) 28 APR 23 132 CALL	1,004	1,158	\$9.65	-174.93%	\$1,117,470
4/21/2023	ORCL 100 (Weeklys) 28 APR 23 95 CALL	10,509	511	\$1.02	3.33%	\$1,071,918
3/22/2023	BAX 100 (Weeklys) 28 APR 23 41 CALL	2,164	2,256	\$4.60	-228.57%	\$1,037,760
4/5/2023	WHR 100 (Weeklys) 28 APR 23 133 CALL	1,006	1,165	\$8.85	-189.22%	\$1,031,025
3/31/2023	SNAP 100 (Weeklys) 28 APR 23 11 PUT	2,486	7,225	\$1.42	-47.92%	\$1,025,950

Date	Description	Volume	Current C	Current Price	Price Change	Current Valu
4/5/2023	NVDA 100 (Weeklys) 28 APR 23 262.5 CALL	1,433	868	\$11.15	-21.48%	\$967,820
4/18/2023	BX 100 (Weeklys) 28 APR 23 88 PUT	5,745	7,214	\$1.31	-36.03%	\$941,427
4/20/2023	COIN 100 (Weeklys) 28 APR 23 61 PUT	1,458	2,427	\$3.72	109.27%	\$904,057
4/11/2023	ATVI 100 (Weeklys) 28 APR 23 80 CALL	1,004	1,270	\$7.08	1.07%	\$898,525
4/21/2023	COIN 100 (Weeklys) 28 APR 23 59 PUT	3,363	1,197	\$2.66	0.38%	\$894,558
4/18/2023	LAZR 100 (Weeklys) 28 APR 23 6.5 PUT	10,000	10,385	\$0.83	66.00%	\$861,955
3/28/2023	WYNN 100 (Weeklys) 28 APR 23 111 CALL	2,894	2,155	\$3.93	-41.70%	\$845,838
4/17/2023	UBER 100 (Weeklys) 28 APR 23 32 PUT	3,221	6,312	\$1.34	-55.81%	\$845,808
4/21/2023	ATVI 100 (Weeklys) 28 APR 23 84 PUT	3,113	150	\$2.70	1.89%	\$840,510
4/10/2023	SNAP 100 (Weeklys) 28 APR 23 11.5 PUT	3,077	4,578	\$1.80	-11.49%	\$821,751
4/18/2023	SEDG 100 (Weeklys) 28 APR 23 330 CALL	1,013	1,649	\$4.50	-21.05%	\$742,050
4/21/2023	JNJ 100 (Weeklys) 28 APR 23 162.5 PUT	6,309	857	\$1.17	0.00%	\$738,153
4/10/2023	AMD 100 (Weeklys) 28 APR 23 91 PUT	2,205	2,072	\$3.40	38.78%	\$704,480
4/13/2023	SNOW 100 (Weeklys) 28 APR 23 152.5 CALL	4,621	4,952	\$1.41	-42.65%	\$695,756
4/11/2023	SNAP 100 (Weeklys) 28 APR 23 11 CALL	7,797	14,464	\$0.44	-47.59%	\$629,184
3/22/2023	VLO 100 (Weeklys) 28 APR 23 125 PUT	934	1,014	\$6.08	51.50%	\$616,005
4/20/2023	CSCO 100 (Weeklys) 28 APR 23 48 PUT	5,179	5,667	\$1.07	7.00%	\$606,369
4/20/2023	T 100 (Weeklys) 28 APR 23 18 CALL	6,305	16,424	\$0.36	24.14%	\$591,264
4/17/2023	ATVI 100 (Weeklys) 28 APR 23 88 CALL	2,568	2,999	\$1.92	-5.42%	\$575,808
4/18/2023	EA 100 (Weeklys) 28 APR 23 129 CALL	3,039	3,423	\$1.68	-18.29%	\$573,353
4/6/2023	TECK 100 (Weeklys) 28 APR 23 41 CALL	1,200	1,150	\$4.93	36.81%	\$566,375
3/15/2023	BP 100 (Weeklys) 28 APR 23 29 CALL	870	526	\$10.65	-46.90%	\$560,190
4/19/2023	CROX 100 (Weeklys) 28 APR 23 165 CALL	3,512	3,649	\$1.53	-12.96%	\$556,473
4/18/2023	UBER 100 (Weeklys) 28 APR 23 32.5 PUT	2,554	2,996	\$1.77	185.48%	\$530,292
4/20/2023	COIN 100 (Weeklys) 28 APR 23 55 PUT	2,043	4,114	\$1.29	157.00%	\$528,649
4/4/2023	AMZN 100 (Weeklys) 28 APR 23 103 PUT	1,348	2,632	\$2.01	-53.91%	\$527,716
3/31/2023	MPC 100 (Weeklys) 28 APR 23 133 PUT	1,030	539	\$9.48	-128.31%	\$510,702
4/12/2023	WBD 100 (Weeklys) 28 APR 23 14.5 PUT	5,080	5,104	\$0.98	33.56%	\$497,640
4/20/2023	TSM 100 (Weeklys) 28 APR 23 92 PUT	2,130	749	\$6.60	186.96%	\$494,340
4/20/2023	SNOW 100 (Weeklys) 28 APR 23 147 CALL	2,183	1,506	\$3.20	25.49%	\$481,920
4/21/2023	TXN 100 (Weeklys) 28 APR 23 182.5 CALL	2,853	78	\$1.68	-4.04%	\$479,304
4/20/2023	TECK 100 (Weeklys) 28 APR 23 47.5 PUT	2,170	2,082	\$2.30	-41.67%	\$477,819
4/19/2023	INTC 100 (Weeklys) 28 APR 23 30.5 PUT	2,034	3,965	\$1.13	63.77%	\$448,045
3/24/2023	WYNN 100 (Weeklys) 28 APR 23 112 CALL	2,059	1,411	\$3.18	-14.62%	\$447,993
4/21/2023	EBAY 100 (Weeklys) 28 APR 23 42.5 PUT	4,867	3	\$0.92	3.68%	\$447,764
3/23/2023	ASTS 100 (Weeklys) 28 APR 23 6 PUT	2,508	2,575	\$1.73	107.83%	\$444,188
4/4/2023	GOOGL 100 (Weeklys) 28 APR 23 114 CALL	5,213	11,361	\$0.39	-65.49%	\$443,079
3/28/2023	DIS 100 (Weeklys) 28 APR 23 100 CALL	1,009	4,064	\$1.09	-31.45%	\$442,976
4/18/2023	GS 100 (Weeklys) 28 APR 23 340 CALL	1,677	946	\$4.68	69.38%	\$442,255
4/14/2023	PBR 100 (Weeklys) 28 APR 23 17 PUT	1,263	672	\$6.15	6.96%	\$413,280
4/20/2023	MS 100 (Weeklys) 28 APR 23 89 CALL	1,299	1,703	\$2.40	-4.20%	\$407,869
3/24/2023	WYNN 100 (Weeklys) 28 APR 23 113 CALL	1,455	1,643	\$2.47	-6.68%	\$406,642
3/20/2023	BAC 100 (Weeklys) 28 APR 23 30 PUT	4,500	9,058	\$0.43	82.79%	\$384,965
4/4/2023	NTAP 100 (Weeklys) 28 APR 23 61 CALL	1,404	1,409	\$2.70	6.90%	\$380,430

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