RG Dudack Research Group

A Division of Wellington Shields & Co. LLC Member NYSE, FINRA & SIPC

Gail M. Dudack, CMT • Chief Investment Strategist • gail@dudackresearchgroup.com • 212-320-2045

October 19, 2022

DJIA: 30523.80 SPX: 3719.98 NASDAQ: 10772.40

US Strategy Weekly Staying Recession Resistant

TECHNICAL INDICATORS

Our view of the recent rally is quite simple. <u>The popular equity indices fell well below their moving</u> averages in recent weeks and a rebound to at least the 50-day moving averages is likely in coming trading sessions. The levels to look for are 31,277 in the Dow Jones Industrial Average, 3,915 in the S&P 500, 11,637 in the Nasdaq Composite, and 1,822 in the Russell 2000 index. Note that a test of these levels equates to another 2.5%, 5.3%, 8.0%, and 3.7% upside, respectively, in the indices. See page 9.

The good news is that the current rebound has more potential; <u>but unfortunately, the market's action in</u> recent weeks also suggests the bear market is ongoing. In short, the lows are yet to be found. Breadth data deteriorated in September, and in particular, the 25-day up/down volume oscillator hit an extreme oversold reading of negative 5.6 on September 30. This was a deeper oversold reading than the one seen at the June low. The 25-day oscillator was also in oversold territory for 10 consecutive trading sessions in September and to date, it has been oversold for a second time in six of the last seven trading sessions. This represents a much longer and persistent oversold condition than the six out of eight consecutive trading sessions seen at the June low. All in all, it indicates an escalation in selling pressure which means the test of the June lows was unsuccessful by several measures and the bear market continues. See page 10.

The current reading in the 25-day oscillator is oversold at negative 3.3, which is rather amazing given the nearly 6% two-day gain seen in the market to open October and the 4% two-day gain seen this week. This oversold reading reveals that despite these sharp rallies, selling pressure has overwhelmed buying pressure over the last 25 trading sessions, typical of a bearish trend. A successful test of a bear market low materializes when a new low in price is accompanied by less selling pressure and a less severe oversold reading. This indicates that selling pressure and downside risk is abating. In other words, a "non-confirmation" of a major low is a positive sign. Sadly, that is not what has been seen in October, to date.

Sentiment indicators have also been extreme recently, but this is favorable. Last week's AAII readings showed bullishness at 20.4% and bearishness at 55.9%. Also noteworthy was the 17.7% bullish reading seen the week of September 17th since it was among the 20 lowest readings since the survey began in 1987. Bearish sentiment has been above 50% for seven of the last eight weeks which is also rare. Equity prices tend to be higher in the next six and/or twelve months following such extreme readings. Keep in mind that sentiment indicators are never good at timing market peaks or troughs, but they are good at indicating which way to lean. In this case, it suggests that investors should not be overly bearish on equities and should be looking for a buying opportunity ahead. See page 12.

For important disclosures and analyst certification please refer to the last page of this report.

EARNINGS FORECASTS

We are happy to report that some anchors on CNBC are now pointing out that even though some companies are reporting third quarter earnings results that exceed consensus expectations, these earnings are nonetheless weaker than a year earlier. That is a step in the right direction, since the market had been ignoring the fact that earnings have been weakening in 2022.

This week the S&P Dow Jones consensus earnings estimates for 2022 and 2023 fell \$0.79 and \$2.62, respectively. Refinitiv IBES consensus earnings forecasts fell \$0.76 and \$1.17, respectively. To date third quarter results are triggering larger earnings cuts than what was seen in the second quarter. The S&P consensus EPS estimate for 2022 is now at \$207.33 and the IBES estimate fell to \$222.58 bringing EPS growth rates for 2022 to negative 0.4% and positive 7.7%, respectively. See page 8. Our 2022 and 2023 estimates are currently \$209 and \$229, respectively, but remain under review. Based on early releases, our S&P 500 earnings estimates could come down significantly before year end. Unfortunately, this means the fair value range for the SPX will also fall. The range in our valuation model currently shows a low of SPX 2354, a high of SPX 3430, and a midpoint of SPX 2890. It is the midpoint of the range that is the most likely to contain downside risk, in our view. However, this explains why lowering our earnings forecast poses even more downside risk in the marketplace.

INFLATION

<u>September's inflation data disappointed many and this disappointment will continue in coming months</u> <u>unless analysts look deeper into CPI data</u>. Forecasters were expecting lower inflation numbers because energy prices fell 6.2% month-over-month in September. Nevertheless, September's CPI was unchanged year-over-year and core CPI rose. And note, this was not due entirely to owners' equivalent rent, as some are saying. See page 3.

As we expected, healthcare prices are rising in the fourth quarter which tends to be a seasonal trend. Housing prices may be peaking in some regions of the country, but housing is still rising in the CPI index. More importantly, unnoticed by many is the fact that food and beverage prices rose 10.8% YOY in September. This should be a concern for all investors because food inflation is not impacted significantly by energy (except for transportation costs) but will be impacted by the conflict in Ukraine since Ukraine – the breadbasket of Europe -- is a major grain producer. We expect grain shortages will drive prices higher for the foreseeable future. In addition, Hurricane Ian damaged large portions of agricultural land in central Florida which could have an impact on the supply of fruits, vegetables, and beef. In our view, food shortages are likely to add to inflation in the months ahead. See page 4.

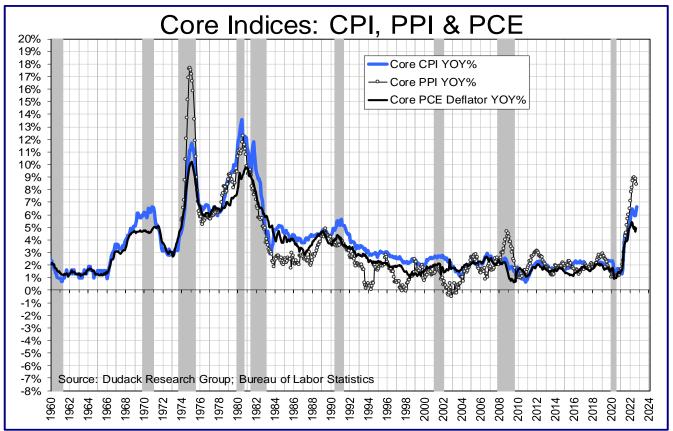
Some economists are fixated on owners' equivalent rent which has a 24% weighting in the CPI and rose 6.7% YOY in September. They are challenging the validity of homeowners' equivalent rent as a measure of housing costs since it is measured not by transactions, but from a survey of home prices and rents in various neighborhoods. Some say the surveys are not reflecting the deceleration in home prices. This is true since rents always lag home prices, sometimes by quite a few months, but this has always been true. Still, when we compare the history of owners' equivalent rent to the National Association of Realtors median single-family home price, we find the homeowners' equivalent rent has been much more subdued than home prices and has been a slow and steady measure of costs over time. However, the 6.7% increase seen in September was above the normal range of zero to 6%. See page 6. Rents are likely to fall in time since housing is clearly in a down-cycle. Signs of a housing recession are numerous, including the year-long decline in NAHB confidence. See page 6.

However, this is not the problem that we see. Food and beverages have a 14.5% weighting in the CPI and rose a greater 11% YOY. This combination concerns us. Moreover, inflation is rising 8.2% YOY and wages are rising 4.8%. This equates to a 3.4% loss of purchasing power. See page 5. We remain cautious and continue to favor recession resistant sectors and stocks.

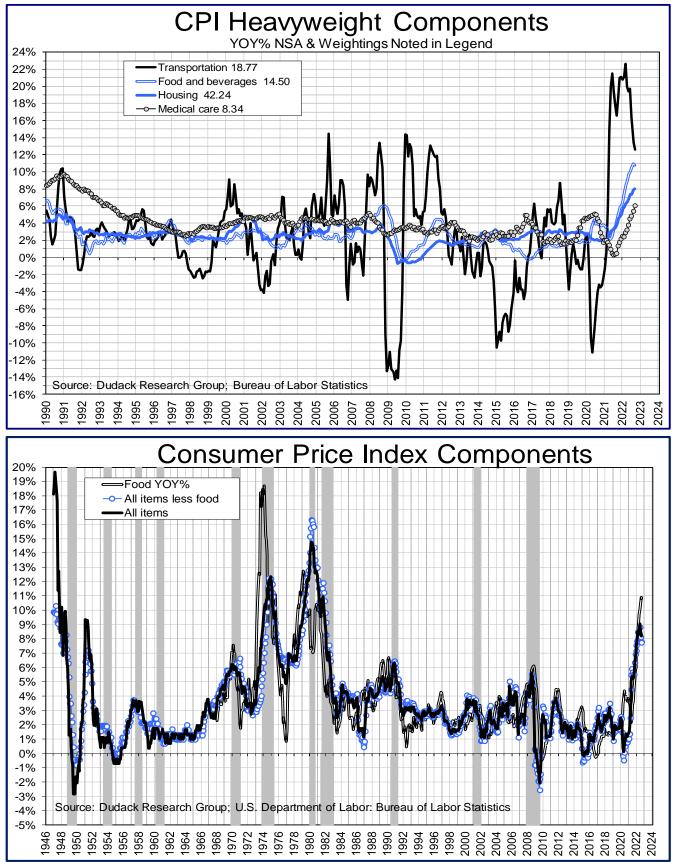
September's inflation data disappointed many and this will continue unless analysts look deeper into the data. Although energy prices fell 6.2% month-over-month, CPI was unchanged year-over-year and core CPI rose. And this was not due entirely to owners' equivalent rent, as some are saying.

CPI Components Heavy Weights - Not Seasonally Adjusted Data	Component Weight*	Fuel Weight	Price Chg YOY%	Price Chg MOM%	
Housing	42.2%	5.0%	8.0%	0.7%	
Owners' equivalent rent of residences	23.8%		6.7%	> 0.7%	
Fuels and utilities	5.0%		16.9%	1.3%	
Transportation	18.8%	3.3%	12.6%	-3.1%	
Food and beverages	14.5%		10.8%	0.7%	
Food at home	8.5%		13.0%	0.7%	
Food away from home	5.2%		8.5%	0.9%	
Alcoholic beverages	0.9%		4.1%	0.5%	
Medical care	8.3%		6.0%	0.7%	
Education and communication	6.0%		0.2%	0.4%	
Recreation	5.0%		4.1%	0.3%	
Apparel	2.4%		5.5%	1.7%	
Other goods and services	2.7%		6.9%	0.7%	
Special groups:					
Energy	8.2%		19.8%	-6.2%	
All items less food and energy	78.1%		6.6%	0.5%	
All items	100.0%		8.20%	0.0%	

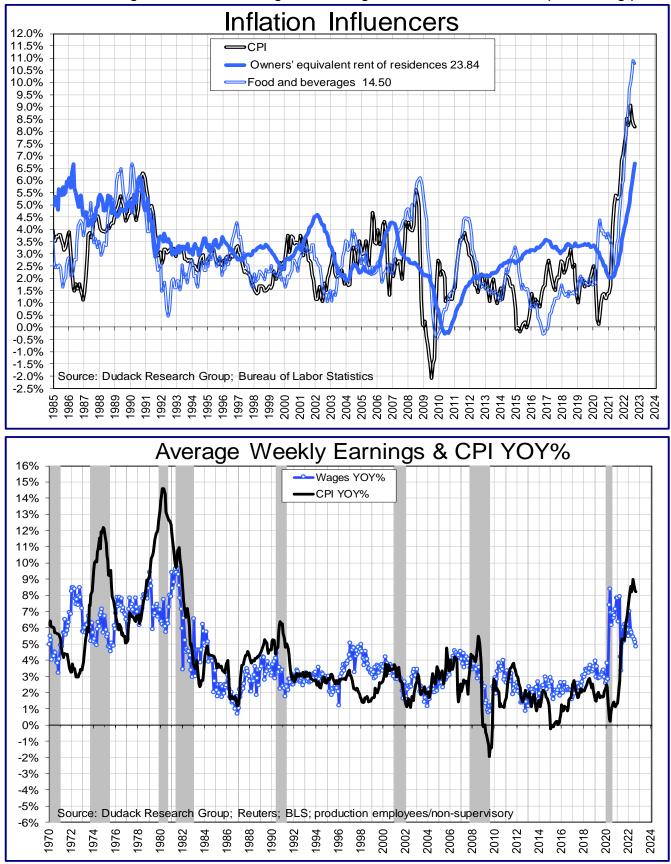
Source: Dudack Research Group; BLS; *Aug. 2022 w eightings; Italics=sub-component; bold = headline; blue>headline



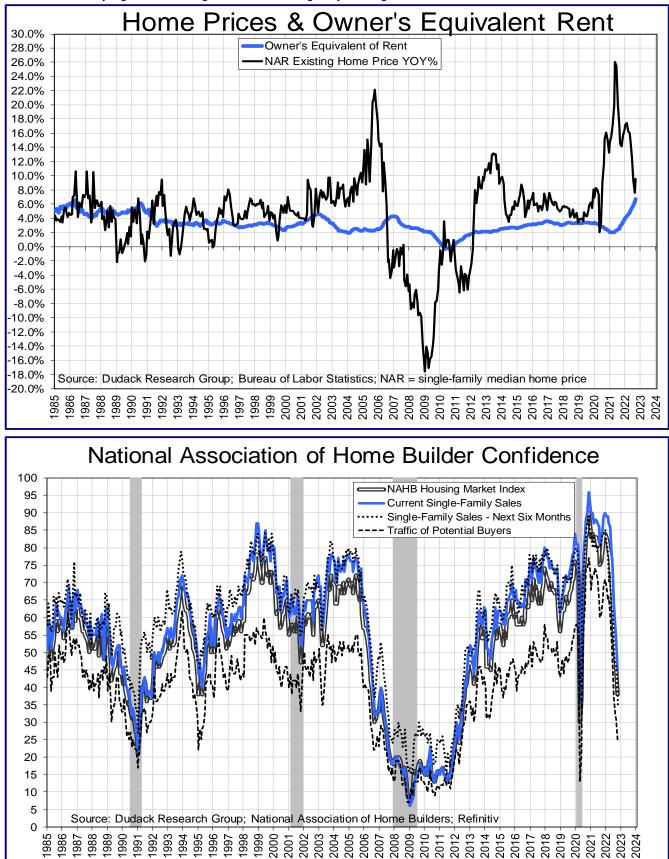
As we expected, healthcare prices are rising, housing is still rising, but most importantly, food and beverage prices rose 10.8% YOY in September. This is where the conflict in Ukraine may play a role over the next twelve months since Ukraine is a major grain producer. Hurricane lan also damaged much of the agricultural land in central Florida. In short, food shortages will add to inflation in the months ahead.



Owners' equivalent rent has a 24% weighting in the CPI and rose 6.7% YOY in September. Food and beverages have a 14.5% weighting and rose nearly 11% YOY. Both are inflationary. The real problem is that inflation is rising 8.2% YOY and wages are rising 4.8%, for a 3.4% loss of purchasing power.

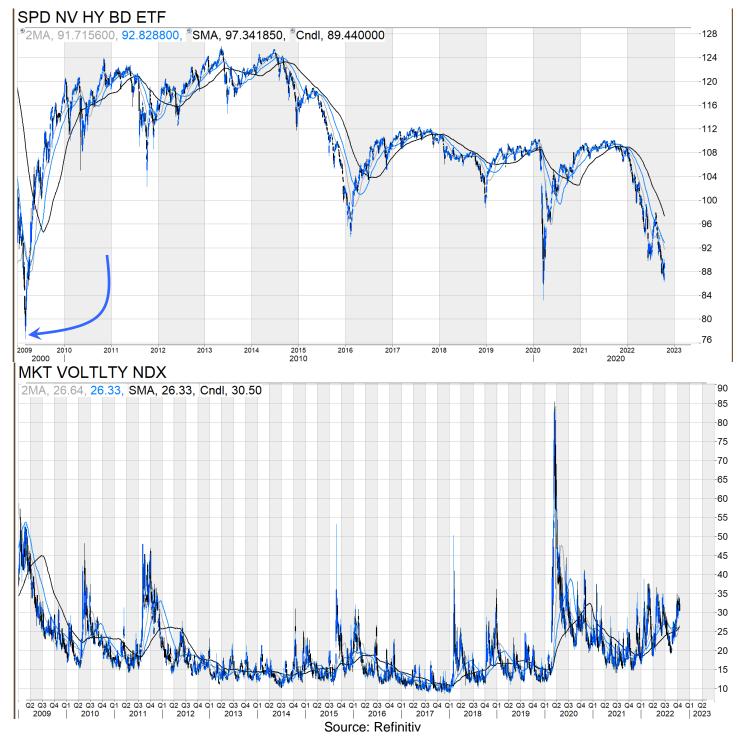


Pundits are challenging the validity of homeowners' equivalent rent as a measure of housing costs but note that it has been a slow and steady measure of costs over time. The 6.7% increase in September is above the normal range of zero to 6% and is likely to fall in coming months. There are many signs of a housing recession including the year-long decline in NAHB confidence.

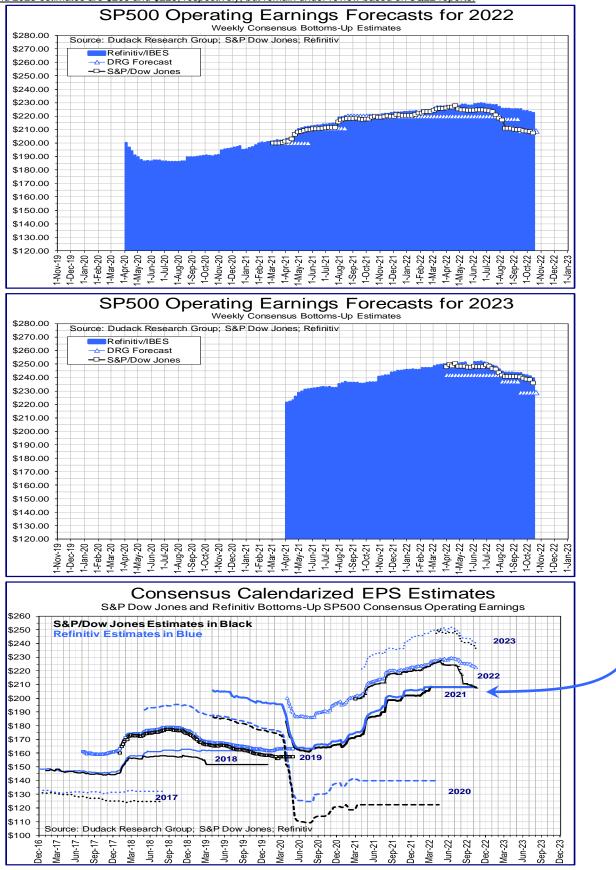


The SPDR Bloomberg High Yield Bond ETF (JNK - \$89.44), tracks the US high yield corporate bond market, and remains on our list of things to monitor in the current environment. Debt markets are treacherous as seen by the BoE stepping into the debt market in England and Finland rescuing the energy derivitatives market. Note that global systemic risk was discounted at the March 2009 low of \$77.55 and recent readings were the second lowest to that level. This displays high anxiety in the debt market. Nevertheless, the VIX is at \$30.50 and well below its \$82.69 close of March 16, 2020.

Despite recent volatility, the equity market remains too complacent about the current environment of rising interest rates, a higher dollar, and declining earnings.

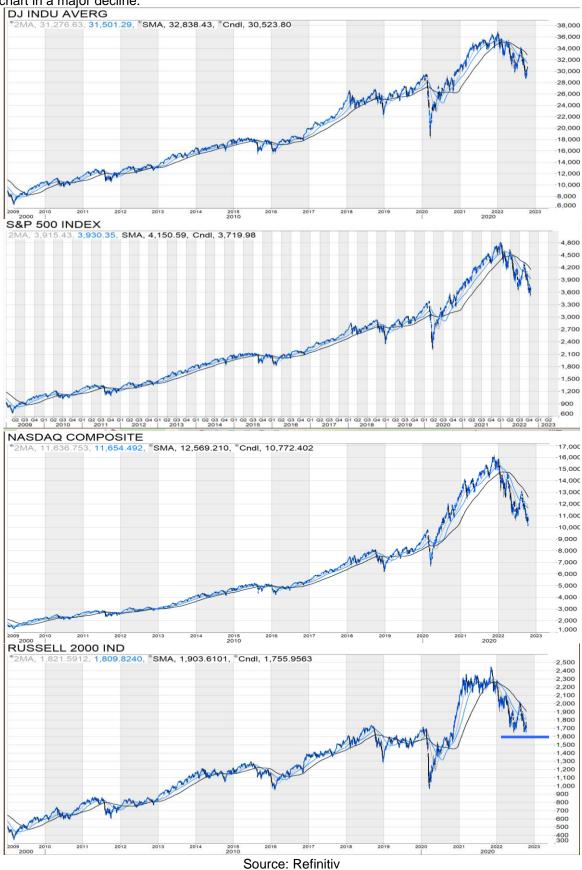


The S&P Dow Jones consensus earnings estimates for 2022 and 2023 fell \$0.79 and \$2.62, respectively. Refinitiv IBES consensus earnings forecasts fell \$0.76 and \$1.17, respectively. The S&P consensus EPS estimate for 2022 declined to \$207.33 and IBES fell to \$222.58 bringing EPS growth rates for 2022 to -0.4% and 7.7%, respectively. (*Note: consensus macro-EPS forecasts may differ from four quarter analysts' forecast sums seen on page 16.*) DRG's 2022 and 2023 estimates are \$209 and \$229, respectively, but remain under review based on 3Q22 reports.



The recent two-day equity rally is barely visible in the charts below and the indices remain well below all their moving averages. One positive to point out is that the RUT has not decisively broken its June low. Conversely, the IXIC is the worst performing chart in a major decline.

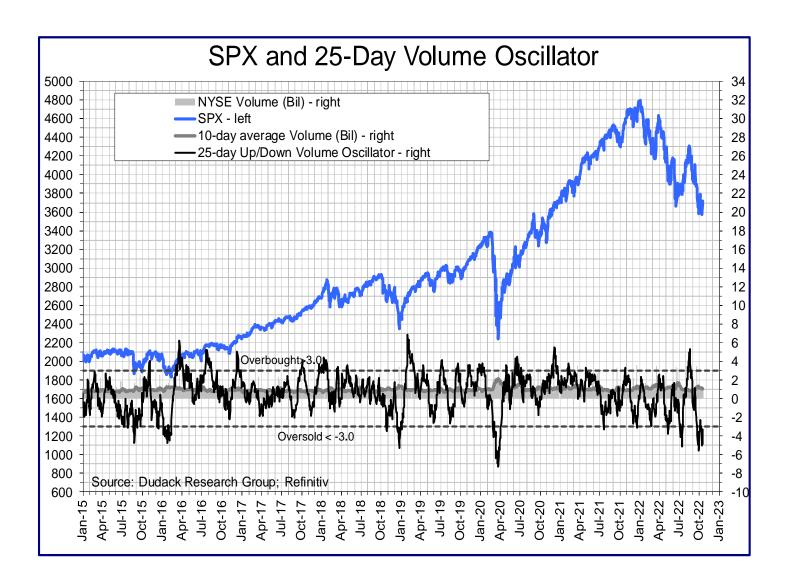
9



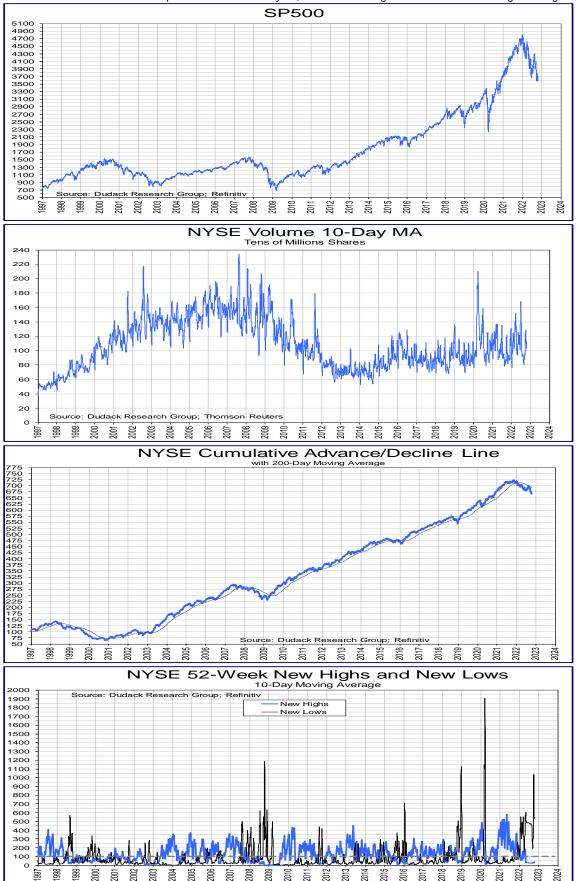
The 25-day up/down volume oscillator hit an oversold reading of negative 5.6 on September 30 which was a deeper oversold reading than the one seen at the June low. The oscillator was also in oversold territory for 10 consecutive trading sessions in September and was again in oversold territory for six of the last seven trading sessions. This is much longer than the oversold reading in six of eight consecutive trading sessions at the June low. In short, the test of the June lows was unsuccessful by several measures, and the bear market continues. This is true despite the nearly 6% two-day gain seen in the market to open October and the 4% two-day gain seen this week.

The 25-day oscillator is currently oversold with a reading of negative 3.3.

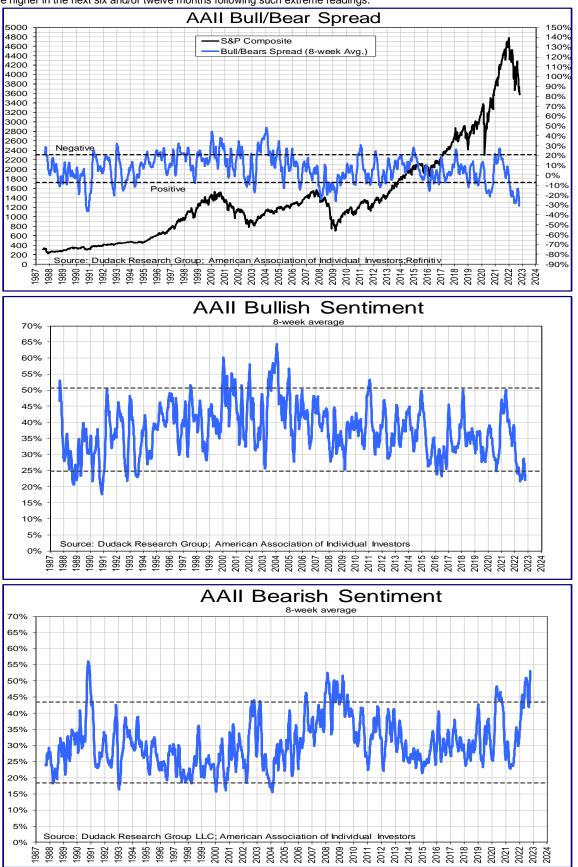
The key to a successful retest of a bear market low is whether or not a new low in price generates a new low in breadth. A successful retest will show there is less selling pressure – a less severe oversold reading -- despite a lower low in price. This "non-confirmation" of a low is a positive and implies that downside risk is subsiding.

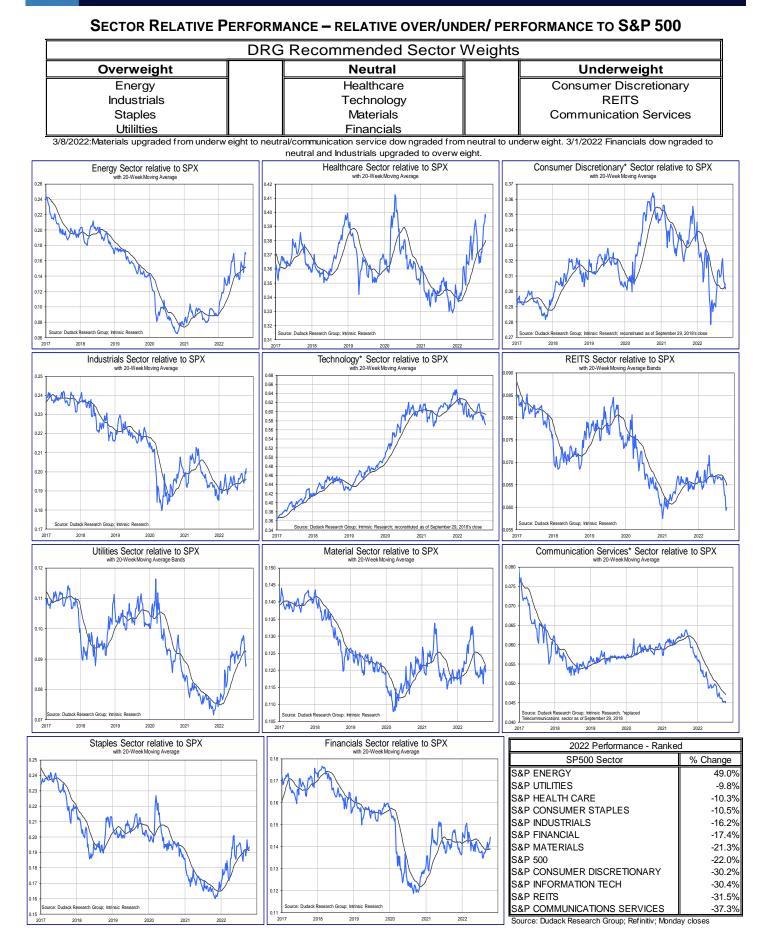


The 10-day average of daily new highs is 39 and daily new lows are 544. This combination is negative with new highs below 100, and new lows above the 100 benchmark. The 10-day moving average of new lows was 1038 on September 26 and exceeded the previous peak of 604 made in early May. The advance/decline line fell below the June low on September 22 - is currently 53,447 net advancing issues from its 11/8/21 high – a negative sign.



Last week's AAII readings showed a decrease of 3.5% in bulls to 20.4% and an increase of 1.1% in bears to 55.9%. The 17.7% bullish reading on September 17th was among the 20 lowest readings since the survey began in 1987 and bearishness has been above 50% for 7 of the last 8 weeks. Equity prices tend to be higher in the next six and/or twelve months following such extreme readings.





GLOBAL MARKETS AND COMMODITIES - RANKED BY 2022 TRADING PERFORMANCE

Index/EFT	Symbol	Price	5-Day%	20-Day%	QTD%	YTD%	
Energy Select Sector SPDR	XLE	81.99	3.2%	5.6%	13.8%	47.7%	
iShares DJ US Oil Eqpt & Services ETF	IEZ	17.17	4.3%	6.2%	19.2%	33.2%	Outperformed SP500
United States Oil Fund, LP	USO	68.70	-4.3%	-1.9%	5.2%	26.4%	Underperformed SP50
iShares MSCI Brazil Capped ETF	EWZ	32.10	1.4%	2.7%	8.3%	14.4%	
Oil Future	CLc1	82.82	-7.3%	-3.4%	4.2%	10.1%	
Gold Future	GCc1	2413.10	0.2%	0.9%	0.5%	9.0%	
SPDR Communication Services ETF	XLC	56.15	0.0%	0.0%	0.0%	0.0%	
iShares MSCI Mexico Capped ETF	EWW	46.27	1.6%	-0.7%	4.6%	-8.6%	
Utilities Select Sector SPDR	XLU	64.61	1.5%	-13.8%	-1.4%	-9.7%	
SPDR Gold Trust	GLD	153.75	-0.9%	-1.4%	-0.6%	-10.1%	
Health Care Select Sect SPDR	XLV	126.59	3.3%	0.3%	4.5%	-10.1%	
iShares MSCI India ETF	INDA.K	41.13	1.9%	-5.6%	0.9%	-10.3%	
Consumer Staples Select Sector SPDR	XLP	69.15	2.8%	-3.1%	3.6%	-10.3%	
SPDR S&P Bank ETF	KBE	47.57	5.5%	-1.7%	7.4%	-12.8%	
iShares Russell 1000 Value ETF	IWD	142.83	3.9%	-4.1%	5.0%	-14.9%	
Shanghai Composite	.SSEC	3080.96	3.4%	-3.7%	-0.2%	-15.4%	
SPDR DJIA ETF	DIA	305.47	4.5%	-0.8%	6.3%	-15.9%	
DJIA	.DJI	30523.80	4.4%	-1.6%	6.3%	-16.0%	
Industrial Select Sector SPDR	XLI	88.68	3.8%	-1.5%	7.0%	-16.2%	
iShares Russell 2000 Value ETF	IWN	137.64	4.4%	-3.7%	6.8%	-17.1%	
Financial Select Sector SPDR	XLF	32.30	6.4%	-2.9%	6.4%	-17.3%	
iShares MSCI Canada ETF	EWC	31.57	3.7%	-7.1%	2.6%	-17.9%	
iShares MSCI United Kingdom ETF	EWU	27.07	4.3%	-5.0%	3.3%	-18.3%	
iShares MSCI Australia ETF	EWA	20.07	2.3%	-6.4%	2.3%	-19.2%	
iShares Nasdaq Biotechnology ETF	IBB.O	122.71	3.8%	0.7%	4.9%	-19.6%	
iShares Silver Trust	SLV	17.98	-2.5%	-4.1%	-1.6%	-19.7%	
iShares MSCI Malaysia ETF	EWM	20.05	0.0%	-6.9%	-0.7%	-19.9%	
Silver Future	Sic1	18.57	-4.4%	-0.9%	-0.7%	-19.9 %	
PowerShares Water Resources Portfolio	PHO	48.03	3.1%	-3.0%	5.0%	-20.4%	
Materials Select Sector SPDR	XLB	71.25	3.1%	-3.3%	4.8%	-21.1%	
iShares Russell 2000 ETF	IWM	174.17	3.8%	-3.5%	4.0 <i>%</i>	-21.4%	
iShares MSCI Singapore ETF	EWS	16.74	-1.5%	-8.4%	-2.2%	-21.7%	
SP500	.SPX	3719.98	3.7%	-4.6%	3.7%	-22.0%	
iShares Russell 1000 ETF	IWB	204.80	3.7%	-5.0%	3.8%	-22.6%	
	EWH	17.94	-2.0%	-10.2%	-1.6%	-22.6%	
iShares MSCI Hong Kong ETF	LQD	101.46	0.2%	-10.2%	-1.0%	-22.0%	
iShares iBoxx\$ Invest Grade Corp Bond Vanguard FTSE All-World ex-US ETF	VEU	45.37	2.9%	-5.6%	2.3%	-26.0%	
iShares Russell 2000 Growth ETF	IWO	215.41	3.1%	-3.3%	4.3%	-26.5%	
iShares MSCI EAFE ETF	EFA	57.80	3.1%	-4.6%	4.3 % 3.2%	-26.5%	
iShares MSCI Japan ETF	EFA	48.78	-0.7%	-4.6%	-0.1%	-26.5%	
-	EEM	35.16			0.1%		
iShares MSCI Emerg Mkts ETF	IWF	215.97	1.6% 3.5%	-7.3% -5.8%	2.6%	-28.0% -29.3%	
iShares Russell 1000 Growth ETF iShares MSCI BRIC ETF	BKF	31.59	3.5% 1.1%		-1.1%	-29.3%	
				-8.2%	-1.1%	-29.4%	
Technology Select Sector SPDR	XLK	121.38	3.8%	-6.2%			
Consumer Discretionary Select Sector SPDR	XLY	142.70	2.9%	-10.7%	0.2%	-30.2%	
iShares US Real Estate ETF		80.71	2.7%	-11.7%	-0.9%	-30.5%	
Nasdaq Composite Index Tracking Stock	ONEQ.O	42.23	3.3%	-6.6%	1.9%	-30.7%	
NASDAQ 100	NDX	11147.74	3.3%	-6.7%	1.6%	-31.7%	
iShares China Large Cap ETF	FXI	24.70	-0.7%	-12.1%	-4.5%	-32.5%	
SPDR Homebuilders ETF	XHB	57.47	0.1%	-2.1%	5.1%	-33.0%	
iShares 20+ Year Treas Bond ETF	TLT	98.32	-1.5%	-8.4%	-4.0%	-33.7%	
SPDR S&P Retail ETF	XRT	59.84	2.1%	-4.9%	6.0%	-33.7%	
iShares US Telecomm ETF	IYZ	21.49	4.3%	-8.6%	2.9%	-34.7%	
iShares MSCI Germany ETF	EWG	21.17	7.1%	-2.8%	7.2%	-35.4%	
iShares MSCI South Korea Capped ETF	EWY	50.20	3.2%	-7.6%	6.0%	-35.5%	
iShares MSCI Austria Capped ETF	EWO	16.26	4.5%	-7.3%	4.8%	-36.1%	
iShares MSCI Taiwan ETF	EWT	42.14	0.1%	-11.7%	-2.2%	-36.7%	
SPDR S&P Semiconductor ETF	XSD	147.29 Priced as of	-0.4%	-11.6%	-3.2%	-39.4%	

Source: Dudack Research Group; Thomson Reuters

Priced as of October 18, 2022

Blue shading represents non-US and yellow shading represents commodities

US Asset Allocation

	Benchmark	DRG %	Recommendation
Equities	60%	70%	Overweight
Treasury Bonds	30%	20%	Underweight
Cash	10%	10%	Neutral
	100%	100%	

Source: Dudack Research Group; raised equity and lowered cash 5% on November 9, 2016

DRG Earnings and Economic Forecasts

	S&P 500 Price	S&P Reported	S&P	DRG				S&P	S&P	GDP		
	Price		Operating	Operating	DRG EPS	Consensus Rettorn Un	Consensus Rettorn Un	Op PE	Divd	Annual	GDP Profits post-tax w/	
	11100	EPS**	EPS**	EPS Forecast	YOY %	Bottom-Up \$EPS**	Bottom-Up EPS YOY%	Ratio	Yield	Rate	IVA & CC	YOY %
2005	1248.29	\$69.93	\$76.45	\$76.45	13.0%	\$76.28	13.7%	16.3X	1.8%	3.5%	\$1,108.90	9.7%
2006	1418.30	\$81.51	\$87.72	\$87.72	14.7%	\$88.18	15.6%	16.2X	1.8%	2.8%	\$1,216.10	9.7%
2007	1468.36	\$66.18	\$82.54	\$82.54	-5.9%	\$85.12	-3.5%	17.8X	1.8%	2.0%	\$1,141.40	-6.1%
2008	903.25	\$14.88	\$49.51	\$49.51	-40.0%	\$65.47	-23.1%	18.2X	2.5%	0.1%	\$1,029.90	-9.8%
2009	1115.10	\$50.97	\$56.86	\$56.86	14.8%	\$60.80	-7.1%	19.6X	2.6%	-2.6%	\$1,182.90	14.9%
2010	1257.64	\$77.35	\$83.77	\$83.77	47.3%	\$85.28	40.3%	15.0X	1.9%	2.7%	\$1,456.50	23.1%
2011	1257.60	\$86.95	\$96.44	\$96.44	15.1%	\$97.82	14.7%	13.0X	2.0%	1.5%	\$1,529.00	5.0%
2012	1426.19	\$86.51	\$96.82	\$96.82	0.4%	\$103.80	6.1%	14.7X	2.1%	2.3%	\$1,662.80	8.8%
2013	1848.36	\$100.20	\$107.30	\$107.30	10.8%	\$109.68	5.7%	17.2X	2.0%	1.8%	\$1,648.10	-0.9%
2014	2127.83	\$102.31	\$113.01	\$113.01	5.3%	\$118.78	8.3%	18.8X	2.2%	2.3%	\$1,713.10	3.9%
2015	2043.94	\$86.53	\$100.45	\$100.45	-11.1%	\$118.20	-0.5%	20.3X	2.1%	2.7%	\$1,664.20	-2.9%
2016	2238.83	\$94.55	\$106.26	\$96.82	-3.6%	\$118.10	-0.1%	21.1X	1.9%	1.7%	\$1,661.50	-0.2%
2017	2673.61	\$109.88	\$124.51	\$124.51	28.6%	\$132.00	11.8%	21.5X	1.8%	2.3%	\$1,816.60	9.3%
2018	2506.85	\$132.39	\$151.60	\$151.60	21.8%	\$161.93	22.7%	16.5X	1.9%	2.9%	\$2,023.40	11.4%
2019	3230.78	\$139.47	\$157.12	\$157.12	3.6%	\$162.93	0.6%	20.6X	1.8%	2.3%	\$2,065.60	2.1%
2020	3756.07	\$94.14	\$122.38	\$122.38	-22.1%	\$139.72	-14.2%	30.7X	1.6%	-3.4%	\$1,968.10	-4.7%
2021	4766.18	\$197.87	\$208.17	\$208.17	70.1%	\$208.12	49.0%	22.9X	1.3%	5.7%	\$2,424.60	23.2%
2022E	~~~~~	\$188.92	\$207.34	\$209.00	0.4%	\$222.58	6.9%	17.3X	NA	NA	NA	NA
2023E	~~~~~	\$215.45	\$235.67	\$229.00	9.6%	\$239.80	7.7%	15.8X	NA	NA	NA	NA
2015 1Q	2108.88	\$21.81	\$25.81	\$25.81	-5.5%	\$28.60	1.5%	18.9	2.0%	3.3%	\$1,706.90	9.2%
2015 2Q	2166.05	\$22.80	\$26.14	\$26.14	-10.9%	\$30.09	0.1%	20.0	2.0%	2.3%	\$1,689.20	-1.4%
2015 3Q	1920.03	\$23.22	\$25.44	\$25.44	-14.1%	\$29.99	-0.2%	18.4	2.2%	1.3%	\$1,675.60	-6.6%
2015 4Q	2043.94	\$18.70	\$23.06	\$23.06	-13.8%	\$29.52	-3.3%	20.3	2.1%	0.6%	\$1,585.20	-11.1%
2016 1Q	2059.74	\$21.72	\$23.97	\$23.97	-7.1%	\$26.96	-5.7%	20.9	2.1%	2.4%	\$1,664.90	-2.5%
2016 2Q	2098.86	\$23.28	\$25.70	\$25.70	-1.7%	\$29.61	-1.6%	21.4	2.1%	1.2%	\$1,624.20	-3.8%
2016 3Q	2168.27	\$25.39	\$28.69	\$28.69	12.8%	\$31.21	4.1%	21.4	2.1%	2.4%	\$1,649.90	-1.5%
2016 4Q	2238.83	\$24.16	\$27.90	\$27.90	21.0%	\$31.30	6.0%	21.1	2.0%	2.0%	\$1,707.00	7.7%
2017 1Q	2362.72	\$27.46	\$28.82	\$28.82	20.2%	\$30.90	14.6%	21.3	2.0%	1.9%	\$1,772.60	6.5%
2017 2Q	2423.41	\$27.01	\$30.51	\$30.51	18.7%	\$32.58	10.0%	20.9	1.9%	2.3%	\$1,789.20	10.2%
2017 3Q	2519.36	\$28.45	\$31.33	\$31.33	9.2%	\$33.45	7.2%	21.2	1.9%	2.9%	\$1,829.30	10.9%
2017 4Q	2673.61	\$26.96	\$33.85	\$33.85	21.3%	\$36.02	15.1%	21.5	1.8%	3.8%	\$1,875.10	9.8%
2018 1Q	2640.87	\$33.02	\$36.54	\$36.54	26.8%	\$38.07	23.2%	20.0	1.9%	3.1%	\$1,983.30	11.9%
2018 2Q	2718.37	\$34.05	\$38.65	\$38.65	26.7%	\$41.00	25.8%	19.4	1.9%	3.4%	\$1,981.40	10.7%
2018 3Q	2913.98	\$36.36	\$41.38	\$41.38	32.1%	\$42.66	27.5%	19.4	1.8%	1.9%	\$2,033.10	11.1%
2018 4Q	2506.85	\$28.96	\$35.03	\$35.03	3.5%	\$41.18	14.3%	16.5	2.1%	0.9%	\$2,095.90	11.8%
2019 1Q	2834.40	\$35.02	\$37.99	\$37.99	4.0%	\$39.15	2.8%	18.5	1.9%	2.4%	\$1,999.80	0.8%
2019 2Q	2941.76	\$34.93	\$40.14	\$40.14	3.9%	\$41.31	0.8%	19.0	1.9%	3.2%	\$2,083.20	5.1%
2019 3Q	2976.74	\$33.99	\$39.81	\$39.81	-3.8%	\$42.14	-1.2%	19.5	1.9%	2.8%	\$2,090.30	2.8%
2019 4Q	3230.78	\$35.53	\$39.18	\$39.18	11.8%	\$41.98	1.9%	20.6	1.8%	1.9%	\$2,089.20	-0.3%
2020 1Q	2584.59	\$11.88	\$19.50	\$19.50	-48.7%	\$33.13	-15.4%	18.6	2.3%	-5.1%	\$1,924.00	-3.8%
2020 2Q	4397.35	\$17.83	\$26.79	\$26.79	-33.3%	\$27.98	-32.3%	35.1	1.9%	-31.2%	\$1,701.50	-18.3%
2020 3Q	3363.00	\$32.98	\$37.90	\$37.90	-4.8%	\$38.69	-8.2%	27.3	1.7%	33.8%	\$2,135.10	2.1%
2020 4Q	3756.07	\$31.45	\$38.19	\$38.19	-2.5%	\$42.58	1.4%	30.7	1.6%	4.5%	\$2,111.90	1.1%
2021 1Q	3972.89	\$45.95	\$47.41	\$47.41	143.1%	\$49.13	48.3%	26.4	1.5%	6.3%	\$2,207.70	14.7%
2021 2Q	4297.50	\$48.39	\$52.03	\$52.03	94.2%	\$52.58	87.9%	24.5	1.3%	6.7%	\$2,440.60	43.4%
2021 3Q	4307.54	\$49.59	\$52.02	\$52.02	37.3%	\$53.72	38.8%	22.7	1.4%	2.3%	\$2,522.70	18.2%
2021 4Q	4766.18	\$53.94	\$56.71	\$56.71	48.5%	\$53.95	26.7%	22.9	1.3%	6.9%	\$2,527.40	19.7%
2022 1Q	4530.41	\$45.99	\$49.36	\$49.36	4.1%	\$54.80	11.5%	21.6	1.4%	-1.6%	\$2,402.90	8.8%
2022 2QE	3785.38	\$42.74	\$46.87	\$47.04	-9.6%	\$57.62	9.6%	18.5	1.7%	-0.6%	\$2,620.40	7.4%
2022 3QE	3585.62	\$48.50	\$54.11	\$53.60	3.0%	\$54.83	2.1%	18.5	NA	NA	NA	NA
2022 4QE*	3719.98	\$51.69	\$57.00	\$59.00	4.0%	\$57.38	6.4%	17.9	NA	NA	NA	NA

Source: DRG; S&P Dow Jones; Refinitiv Consensus estimates; **quarterly EPS may not sum to official CY estimates

10/18/2022

Regulation AC Analyst Certification

I, Gail Dudack, hereby certify that all the views expressed in this report accurately reflect my personal views about the subject company or companies and its or their securities. I also certify that no part of my compensation was, is, or will be, directly or indirectly related to the specific views contained in this report.

IMPORTANT DISCLOSURES

RATINGS DEFINITIONS:

Sectors/Industries:

"Overweight": Overweight relative to S&P Index weighting "Neutral": Neutral relative to S&P Index weighting "Underweight": Underweight relative to S&P Index weighting

Other Disclosures

This report has been written without regard for the specific investment objectives, financial situation, or particular needs of any specific recipient, and should not be regarded by recipients as a substitute for the exercise of their own judgment. The report is published solely for informational purposes and is not to be construed as a solicitation or an offer to buy or sell securities or related financial instruments. The securities described herein may not be eligible for sale in all jurisdictions or to certain categories of investors. The report is based on information obtained from sources believed to be reliable, but is not guaranteed as being accurate, nor is it a complete statement or summary of the securities, markets or developments referred to in the report. Any opinions expressed in this report are subject to change without notice and Dudack Research Group division of Wellington Shields & Co. LLC. (DRG/Wellington) is under no obligation to update or keep current the information contained herein. Options, derivative products, and futures are not suitable for all investors, and trading in these instruments is considered risky. Past performance is not necessarily indicative of future results, and yield from securities, if any, may fluctuate as a security's price or value changes. Accordingly, an investor may receive back less than originally invested. Foreign currency rates of exchange may adversely affect the value, price or income of any security or related instrument mentioned in this report.

DRG/Wellington relies on information barriers, such as "Chinese Walls," to control the flow of information from one or more areas of DRG/Wellington into other areas, units, divisions, groups, or affiliates. DRG/Wellington accepts no liability whatsoever for any loss or damage of any kind arising out of the use of all or any part of this report.

The content of this report is aimed solely at institutional investors and investment professionals. To the extent communicated in the U.K., this report is intended for distribution only to (and is directed only at) investment professionals and high net worth companies and other businesses of the type set out in Articles 19 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2001. This report is not directed at any other U.K. persons and should not be acted upon by any other U.K. person. Moreover, the content of this report has not been approved by an authorized person in accordance with the rules of the U.K. Financial Services Authority, approval of which is required (unless an exemption applies) by Section 21 of the Financial Services and Markets Act 2000.

Additional information will be made available upon request.

©2022. All rights reserved. No part of this report may be reproduced or distributed in any manner without the written permission of Dudack Research Group division of Wellington Shields & Co. LLC. The Company specifically prohibits the re-distribution of this report, via the internet or otherwise, and accepts no liability whatsoever for the actions of third parties in this respect.

Dudack Research Group a division of Wellington Shields & Co. LLC. Main Office: Wellington Shields & Co. LLC 140 Broadway New York, NY 10005 212-320-3511 Research Sales: 212-320-2046

Florida office: 549 Lake Road Ponte Vedra Beach, FL 32082 212-320-2045