

“Jesse Livermore”

“There were times when my plans went wrong and my stocks did not run true to form, but did the opposite of what they should have done if they kept regard for precedent.” So wrote Jesse Livermore, as chronicled in the brilliant book *Reminiscences of a Stock Operator* by Edwin Lefevre. Stock market historians will recall that Jesse Livermore is still considered one of the most colorful stock market speculators of all time. Indeed, the “boy plunger” was blamed for the market crash of 1929 and for precipitating every market swoon from 1917 to 1940. Jesse’s investing success was driven by his ability to develop certain indicators, combined with an investing discipline that spawned such stock market axioms as:

1. Fear your losses and let your profits run.
2. It never was my thinking that made me money, but my sitting tight.
3. Markets are never wrong, opinions are.
4. The tape knows all.

Years ago we studied the tactics of Jesse Livermore, along with a number of other stock market operators, and have found many of those strategies to be just as valid today as they were decades ago. We were reminded of the Livermore “pearls” while reading an interview with stock market guru Stan Druckenmiller who said:

These algos (algorithms) have taken all the rhythm out of the market and have become extremely confusing to me. And when you take away price action versus news from someone who's used price action news as their major disciplinary tool for 35 years, it's tough, and it's become very tough. I don't know where this is all going. If it continues, I'm not going to be able to return to 30% a year any time soon.

The implication was that almost every meaningful indicator Druckenmiller used to follow markets no longer works. “People, and institutions, simply are not trading or investing the way they used to. It’s part and parcel of how dramatically the business has changed, and of the ways so many hedge funds and trading desks work these days.” To us, those comments were akin to Jesse’s quote, “There were times when my plans went wrong and my stocks did not run true to form, but did the opposite of what they should have done if they kept regard for precedent.”

We, however, take exception to the quote “People, and institutions, simply are not trading or investing the way they used to. It’s part and parcel of how dramatically the business has changed, and of the ways so many hedge funds and trading desks work these days.” We actually think the individual investors/traders have a HUGE advantage to the institutional types. For example, if we want to buy, or sell, 1000 shares of a stock, we can do so easily. Not so a portfolio manager that wants to sell 100 million shares of Facebook (FB/\$131.73/Outperform). At the end of this missive we include Jesse Livermore’s trading rules, which we consider to be just as valid today as they were nearly a century ago.

As for the here and now, we called the decline with our October 2, 2018 trading “sell signal,” where we said to reduce speculative trading positions. Unfortunately, I did nothing with investment positions and in retrospect I wish I had. Andrew Adams identified the October 29 trading low on the S&P 500 (SPX/2632.56) at ~2603, which we said to buy on a trading basis, and we wrote that the subsequent “throwback rally” should carry the SPX back into the 2800 – 2820 that would contain the rally followed by a secondary decline whose low would be above the October 29 trading low. We are about to see if that “call” is correct this week when the pros return from vacation. Speaking of “pros,” we were intrigued by one of Wall Street’s best and brightest, namely Joe Monaco eponymous founder and portfolio manager of Monaco Capital, who wrote us over the weekend. To wit:

Just doing some work on Saturday morning and pulled up this monthly chart of the Dow. We certainly were in a very clear channel since 2009 and we have come down to what used to be the resistance line. I would think this is about where we would stop and turn around. I was surprised though to see such a clear channel during this bull market and the clear breakout [Chart 1].

Please read domestic and foreign disclosure/risk information beginning on page 5 and Analyst Certification on page 6.

Of course, this concurred with our pal market wizard Leon Tuey, who writes:

Happy Thanksgiving, indeed! Last night, the AAll Investor Sentiment Survey was released and the numbers are super bullish! Bears outnumbered bulls by a margin of nearly 2-to-1. That is very bullish for the stock market. Also, when the BULLISH reading drops to 30% or lower, the market is at a low-risk, high-reward juncture point and readings of 25% or lower, you can bank on it [Chart 2].

Leon goes on to write:

But look at the monthly chart of the S&P 500 [Chart 3]. In terms of time and magnitude, the recent correction is nothing like the corrections in 2010, 2011, or 2015-2016. Yet, many are foaming at the mouth thinking it's the end of the world. The most popular refrain is "the market will test the October low" and the bears are predicting new lows. As mentioned before, the pundits never seem to understand why God gave us two ears and one mouth. They don't realize that the correction was nothing more than a normal reaction to a short-term overbought condition, a correction within the confines of an ongoing bull market. Frightened by the black headlines and the market gyrations, however, their brain went foggy, their vision impaired, and their bodily malfunctions seized up, (a difficult state to be rational) they don't realize that "the market" already bottomed. Fear keeps them on a bearish track.

The call for this week: So far the trading pattern has been just about perfect with the S&P 500 declining from the envisioned overhead resistance at 2800 – 2820 amid cries of recession, crash, bear market, etc. It is stunning to us at this stage of a secular bull market, and a very bullish chart pattern, that so many pundits are scared to death! We have long targeted mid-November as a turning point for the various markets for a variety of reasons often mentioned in these missives. So if the SPX drops down to the reaction low of October 29, 2018 at 2603, or even a downside overshoot to an undercut low, it should set the stage for the next big rally into year's end. We are now within the timeframe for a double-bottom around the 2600 level basis the SPX, which should act as a springboard for the yearend rally. Moreover, the Operating Company Only Advance-Drop Line is well above its October 29, 2018 lows and the money flows indicator are showing signs of accumulation (Chart 4). Rather than attempting to buy individual stocks, we like the idea of buying some sort of S&P 500 index vehicle for trading accounts with a 2593 stop-loss point. Please print out the following trading rules written by Jesse Livermore in 1940 because they are just as valid today as they were nearly 70 years ago! This morning, Brexit looks better, President Trump threatens to close the Mexican border, Russia fires at three ships in Crimea, Trump and Xi signal readiness for trade talks as the G20 begins, leaving the preopening futures S&P 500 better by some 30 point. Like we said last week BUY . . .

More than 70 years later, these are rules every trader needs to keep in mind:

1. Nothing new ever occurs in the business of speculating or investing in securities and commodities.
2. Money cannot consistently be made trading every day or every week during the year.
3. Don't trust your own opinion and back your judgment until the action of the market itself confirms your opinion.
4. Markets are never wrong - opinions often are.
5. The real money made in speculating has been in commitments showing in profit right from the start.
6. At long as a stock is acting right, and the market is right, do not be in a hurry to take profits.
7. One should never permit speculative ventures to run into investments.
8. The money lost by speculation alone is small compared with the gigantic sums lost by so-called investors who have let their investments ride.
9. Never buy a stock because it has had a big decline from its previous high.
10. Never sell a stock because it seems high-priced.
11. I become a buyer as soon as a stock makes a new high on its movement after having had a normal reaction.
12. Never average losses.
13. The human side of every person is the greatest enemy of the average investor or speculator.
14. Wishful thinking must be banished.
15. Big movements take time to develop.
16. It is not good to be too curious about all the reasons behind price movements.

17. It is much easier to watch a few than many.
18. If you cannot make money out of the leading active issues, you are not going to make money out of the stock market as a whole.
19. The leaders of today may not be the leaders of two years from now.
20. Do not become completely bearish or bullish on the whole market because one stock in some particular group has plainly reversed its course from the general trend.
21. Few people ever make money on tips. Beware of inside information. If there was easy money lying around, no one would be forcing it into your pocket.

Chart 1

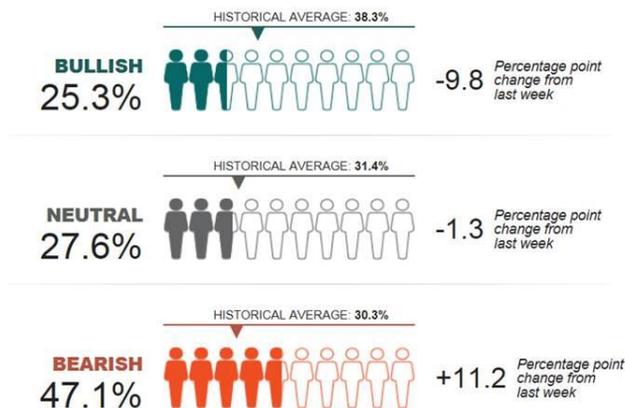


Source: Thomson Reuters

Chart 2

Survey Results for Week Ending 11/21/2018

Data represents what direction members feel the stock market will be in next 6 months.



Note: Numbers may not add up to 100% because of rounding.

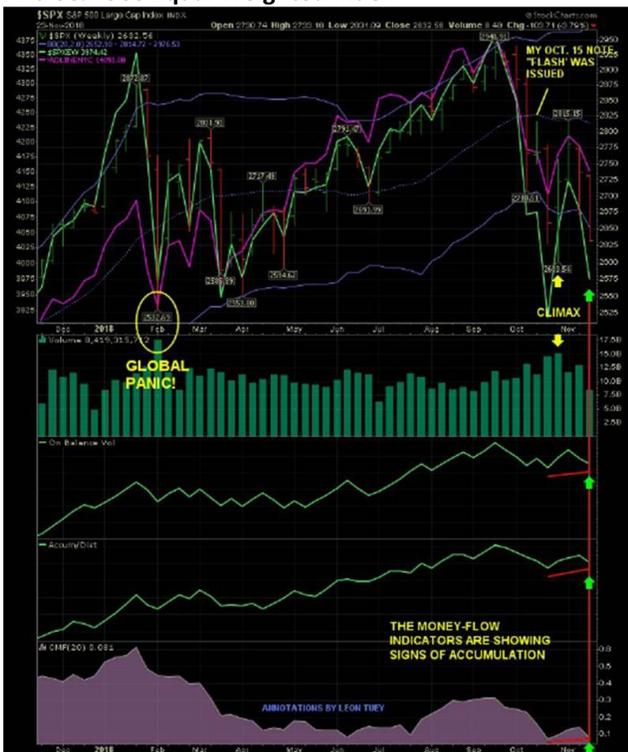
Source: AAI <https://www.aai.com/o/sentimentsurvey>

Chart 3:
S&P 500 Index – Daily Chart



Source: FactSet

Chart 4:
**S&P 500 Large Cap Index,
NYSE Common Stock Only Advance-Dcline Line,
And S&P 500 Equal Weighted Index**



Source: FactSet

Important Investor Disclosures

Raymond James & Associates (RJA) is a FINRA member firm and is responsible for the preparation and distribution of research created in the United States. Raymond James & Associates is located at The Raymond James Financial Center, 880 Carillon Parkway, St. Petersburg, FL 33716, (727) 567-1000. Non-U.S. affiliates, which are not FINRA member firms, include the following entities that are responsible for the creation and distribution of research in their respective areas: in Canada, Raymond James Ltd. (RJL), Suite 2100, 925 West Georgia Street, Vancouver, BC V6C 3L2, (604) 659-8200; in Europe, Raymond James Euro Equities SAS (also trading as Raymond James International), 40, rue La Boetie, 75008, Paris, France, +33 1 45 64 0500, and Raymond James Financial International Ltd., Broadwalk House, 5 Appold Street, London, England EC2A 2AG, +44 203 798 5600.

This document is not directed to, or intended for distribution to or use by, any person or entity that is a citizen or resident of or located in any locality, state, country, or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation. The securities discussed in this document may not be eligible for sale in some jurisdictions. This research is not an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. **Investors should consider this report as only a single factor in making their investment decision.**

For clients in the United States: Any foreign securities discussed in this report are generally not eligible for sale in the U.S. unless they are listed on a U.S. exchange. This report is being provided to you for informational purposes only and does not represent a solicitation for the purchase or sale of a security in any state where such a solicitation would be illegal. Investing in securities of issuers organized outside of the U.S., including ADRs, may entail certain risks. The securities of non-U.S. issuers may not be registered with, nor be subject to the reporting requirements of, the U.S. Securities and Exchange Commission. There may be limited information available on such securities. Investors who have received this report may be prohibited in certain states or other jurisdictions from purchasing the securities mentioned in this report. Please ask your Financial Advisor for additional details and to determine if a particular security is eligible for purchase in your state.

The information provided is as of the date above and subject to change, and it should not be deemed a recommendation to buy or sell any security. Certain information has been obtained from third-party sources we consider reliable, but we do not guarantee that such information is accurate or complete. Persons within the Raymond James family of companies may have information that is not available to the contributors of the information contained in this publication. Raymond James, including affiliates and employees, may execute transactions in the securities listed in this publication that may not be consistent with the ratings appearing in this publication.

Raymond James ("RJ") research reports are disseminated and available to RJ's retail and institutional clients simultaneously via electronic publication to RJ's internal proprietary websites ([RJ Investor Access](#) & [RJ Capital Markets](#)). Not all research reports are directly distributed to clients or third-party aggregators. Certain research reports may only be disseminated on RJ's internal proprietary websites; however such research reports will not contain estimates or changes to earnings forecasts, target price, valuation, or investment or suitability rating. Individual Research Analysts may also opt to circulate published research to one or more clients electronically. This electronic communication distribution is discretionary and is done only after the research has been publically disseminated via RJ's internal proprietary websites. The level and types of communications provided by Research Analysts to clients may vary depending on various factors including, but not limited to, the client's individual preference as to the frequency and manner of receiving communications from Research Analysts. For research reports, models, or other data available on a particular security, please contact your RJ Sales Representative or visit [RJ Investor Access](#) or [RJ Capital Markets](#).

Links to third-party websites are being provided for information purposes only. Raymond James is not affiliated with and does not endorse, authorize, or sponsor any of the listed websites or their respective sponsors. Raymond James is not responsible for the content of any third-party website or the collection or use of information regarding any website's users and/or members.

Additional information is available on request.

Analyst Information

Registration of Non-U.S. Analysts: The analysts listed on the front of this report who are not employees of Raymond James & Associates, Inc., are not registered/qualified as research analysts under FINRA rules, are not associated persons of Raymond James & Associates, Inc., and are not subject to FINRA Rule 2241 restrictions on communications with covered companies, public companies, and trading securities held by a research analyst account.

Analyst Holdings and Compensation: Equity analysts and their staffs at Raymond James are compensated based on a salary and bonus system. Several factors enter into the bonus determination including quality and performance of research product, the analyst's success in rating stocks versus an industry index, and support effectiveness to trading and the retail and institutional sales forces. Other factors may include but are not limited to: overall ratings from internal (other than investment banking) or external parties and the general productivity and revenue generated in covered stocks.

The views expressed in this report accurately reflect the personal views of the analyst(s) covering the subject securities. No part of said person's compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in this research report. In addition, said analyst has not received compensation from any subject company in the last 12 months.

Ratings and Definitions

Raymond James & Associates (U.S.) definitions

Strong Buy (SB1) Expected to appreciate, produce a total return of at least 15%, and outperform the S&P 500 over the next six to 12 months. For higher yielding and more conservative equities, such as REITs and certain MLPs, a total return of at least 15% is expected to be realized over the next 12 months.

Outperform (MO2) Expected to appreciate and outperform the S&P 500 over the next 12-18 months. For higher yielding and more conservative equities, such as REITs and certain MLPs, an Outperform rating is used for securities where we are comfortable with the relative safety of the dividend and expect a total return modestly exceeding the dividend yield over the next 12-18 months.

Market Perform (MP3) Expected to perform generally in line with the S&P 500 over the next 12 months.

Underperform (MU4) Expected to underperform the S&P 500 or its sector over the next six to 12 months and should be sold.

Suspended (S) The rating and price target have been suspended temporarily. This action may be due to market events that made coverage impracticable, or to comply with applicable regulations or firm policies in certain circumstances, including when Raymond James may be providing investment banking services to the company. The previous rating and price target are no longer in effect for this security and should not be relied upon.

Raymond James Ltd. (Canada) definitions

Strong Buy (SB1) The stock is expected to appreciate and produce a total return of at least 15% and outperform the S&P/TSX Composite Index over the next six months.

Outperform (MO2) The stock is expected to appreciate and outperform the S&P/TSX Composite Index over the next twelve months.

Market Perform (MP3) The stock is expected to perform generally in line with the S&P/TSX Composite Index over the next twelve months and is potentially a source of funds for more highly rated securities.

Underperform (MU4) The stock is expected to underperform the S&P/TSX Composite Index or its sector over the next six to twelve months and should be sold.

Raymond James Europe (Raymond James Euro Equities SAS & Raymond James Financial International Limited) rating definitions

Strong Buy (1) Expected to appreciate, produce a total return of at least 15%, and outperform the Stoxx 600 over the next 6 to 12 months.

Outperform (2) Expected to appreciate and outperform the Stoxx 600 over the next 12 months.

Market Perform (3) Expected to perform generally in line with the Stoxx 600 over the next 12 months.

Underperform (4) Expected to underperform the Stoxx 600 or its sector over the next 6 to 12 months.

Suspended (S) The rating and target price have been suspended temporarily. This action may be due to market events that made coverage impracticable, or to comply with applicable regulations or firm policies in certain circumstances, including when Raymond James may be providing investment banking services to the company. The previous rating and target price are no longer in effect for this security and should not be relied upon.

In transacting in any security, investors should be aware that other securities in the Raymond James research coverage universe might carry a higher or lower rating. Investors should feel free to contact their Financial Advisor to discuss the merits of other available investments.

Rating Distributions

	Coverage Universe Rating Distribution*			Investment Banking Distribution		
	RJA	RJL	RJEE/RJFI	RJA	RJL	RJEE/RJFI
Strong Buy and Outperform (Buy)	57%	72%	50%	25%	31%	0%
Market Perform (Hold)	38%	24%	35%	12%	13%	0%
Underperform (Sell)	4%	4%	14%	5%	25%	0%

* Columns may not add to 100% due to rounding.

Suitability Ratings (SR)

Medium Risk/Income (M/INC) Lower to average risk equities of companies with sound financials, consistent earnings, and dividend yields above that of the S&P 500. Many securities in this category are structured with a focus on providing a consistent dividend or return of capital.

Medium Risk/Growth (M/GRW) Lower to average risk equities of companies with sound financials, consistent earnings growth, the potential for long-term price appreciation, a potential dividend yield, and/or share repurchase program.

High Risk/Income (H/INC) Medium to higher risk equities of companies that are structured with a focus on providing a meaningful dividend but may face less predictable earnings (or losses), more leveraged balance sheets, rapidly changing market dynamics, financial and competitive issues, higher price volatility (beta), and potential risk of principal. Securities of companies in this category may have a less predictable income stream from dividends or distributions of capital.

High Risk/Growth (H/GRW) Medium to higher risk equities of companies in fast growing and competitive industries, with less predictable earnings (or losses), more leveraged balance sheets, rapidly changing market dynamics, financial or legal issues, higher price volatility (beta), and potential risk of principal.

High Risk/Speculation (H/SPEC) High risk equities of companies with a short or unprofitable operating history, limited or less predictable revenues, very high risk associated with success, significant financial or legal issues, or a substantial risk/loss of principal.

Raymond James Relationship Disclosures

Raymond James expects to receive or intends to seek compensation for investment banking services from the subject companies in the next three months.

Stock Charts, Target Prices, and Valuation Methodologies

Valuation Methodology: The Raymond James methodology for assigning ratings and target prices includes a number of qualitative and quantitative factors including an assessment of industry size, structure, business trends and overall attractiveness; management effectiveness; competition; visibility; financial condition, and expected total return, among other factors. These factors are subject to change depending on overall economic conditions or industry- or company-specific occurrences.

Target Prices: The information below indicates target price and rating changes for the subject companies included in this research.

Risk Factors

General Risk Factors: Following are some general risk factors that pertain to the businesses of the subject companies and the projected target prices and recommendations included on Raymond James research: (1) Industry fundamentals with respect to customer demand or product / service pricing could change and adversely impact expected revenues and earnings; (2) Issues relating to major competitors or market shares or new product expectations could change investor attitudes toward the sector or this stock; (3) Unforeseen developments with respect to the management, financial condition or accounting policies or practices could alter the prospective valuation; or (4) External factors that affect the U.S. economy, interest rates, the U.S. dollar or major segments of the economy could alter investor confidence and investment prospects. International investments involve additional risks such as currency fluctuations, differing financial accounting standards, and possible political and economic instability.

Additional Risk and Disclosure information, as well as more information on the Raymond James rating system and suitability categories, is available at rjcapitalmarkets.com/Disclosures/index. Copies of research or Raymond James' summary policies relating to research analyst independence can be obtained by contacting any Raymond James & Associates or Raymond James Financial Services office (please see raymondjames.com for office locations) or by calling 727-567-1000, toll free 800-237-5643 or sending a written request to the Equity Research Library, Raymond James & Associates, Inc., Tower 3, 6th Floor, 880 Carillon Parkway, St. Petersburg, FL 33716.

Simple Moving Average (SMA) - A simple, or arithmetic, moving average is calculated by adding the closing price of the security for a number of time periods and then dividing this total by the number of time periods.

Exponential Moving Average (EMA) - A type of moving average that is similar to a simple moving average, except that more weight is given to the latest data.

Relative Strength Index (RSI) - The Relative Strength Index is a technical momentum indicator that compares the magnitude of recent gains to recent losses in an attempt to determine overbought and oversold conditions of an asset.

International securities involve additional risks such as currency fluctuations, differing financial accounting standards, and possible political and economic instability. These risks are greater in emerging markets.

Small-cap stocks generally involve greater risks. Dividends are not guaranteed and will fluctuate. Past performance may not be indicative of future results.

Investors should consider the investment objectives, risks, and charges and expenses of mutual funds and exchange-traded funds carefully before investing. The prospectus contains this and other information about mutual funds and exchange-traded funds. The prospectus is available from your financial advisor and should be read carefully before investing.

Not approved for rollover solicitations.

For clients in the United Kingdom:

For clients of Raymond James Financial International Limited (RJFI): This document and any investment to which this document relates is intended for the sole use of the persons to whom it is addressed, being persons who are Eligible Counterparties or Professional Clients as described in the FCA rules or persons described in Articles 19(5) (Investment professionals) or 49(2) (High net worth companies, unincorporated associations etc) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended) or any other person to whom this promotion may lawfully be directed. It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons and may not be relied upon by such persons and is therefore not intended for private individuals or those who would be classified as Retail Clients.

For clients of Raymond James Investment Services, Ltd.: This report is for the use of professional investment advisers and managers and is not intended for use by clients.

For purposes of the Financial Conduct Authority requirements, this research report is classified as independent with respect to conflict of interest management. RJFI, and Raymond James Investment Services, Ltd. are authorised and regulated by the Financial Conduct Authority in the United Kingdom.

For clients in France:

This document and any investment to which this document relates is intended for the sole use of the persons to whom it is addressed, being persons who are Eligible Counterparties or Professional Clients as described in "Code Monétaire et Financier" and Règlement Général de l'Autorité des Marchés Financiers. It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons and may not be relied upon by such persons and is therefore not intended for private individuals or those who would be classified as Retail Clients.

For clients of Raymond James Euro Equities: Raymond James Euro Equities is authorised and regulated by the Autorité de Contrôle Prudentiel et de Résolution and the Autorité des Marchés Financiers.

For institutional clients in the European Economic Area (EEA) outside of the United Kingdom:

This document (and any attachments or exhibits hereto) is intended only for EEA institutional clients or others to whom it may lawfully be submitted.

For Canadian clients:

This report is not prepared subject to Canadian disclosure requirements, unless a Canadian analyst has contributed to the content of the report. In the case where there is Canadian analyst contribution, the report meets all applicable IROC disclosure requirements.

Proprietary Rights Notice: By accepting a copy of this report, you acknowledge and agree as follows:

This report is provided to clients of Raymond James only for your personal, noncommercial use. Except as expressly authorized by Raymond James, you may not copy, reproduce, transmit, sell, display, distribute, publish, broadcast, circulate, modify, disseminate or commercially exploit the information contained in this report, in printed, electronic or any other form, in any manner, without the prior express written consent of Raymond James. You also agree not to use the information provided in this report for any unlawful purpose.

This report and its contents are the property of Raymond James and are protected by applicable copyright, trade secret or other intellectual property laws (of the United States and other countries). United States law, 17 U.S.C. Sec.501 et seq, provides for civil and criminal penalties for copyright infringement. No copyright claimed in incorporated U.S. government works.