## Crowd Sentiment Index (CSI) CSI vs SPX The Crowd Sentiment Index (CSI) for US July 2008 to Present for US Equities Equities is a smoothed 95% 1,500 and normalized Annualized 10-day Rtn. Rwd. vs 90% 1,450 composite of crowd Imprecise CSI Interpretation Guidelines CSI by Quartile Risk sentiment (ranking Q2 (Mdn.) Q3 vs Q1 Q3/Q1 85% 1,400 Bull Mkt. Bear Mkt. from 0-100%) on the US 86-100% 35% -36% 1.0 -13% Extreme stock market that is 80% 1,350 76-85% -18% 34% 62% 3.5 10-24% derived from various Alarmina 64-75% 25% 55% -35% 1.6 75% 1,300 daily and weekly 25-37% Neutral 51-75% 93% 51-63% 32% -37% 2.5 sentiment guages 70% 1,250 38-50% Alarming 38-50% 8% 3.5 125% -36% prepared externally by 25-37% 45% 204% -42% 4.9 25-37% Extreme 65% 1,200 third parties. 119% 10-24% -16% 1.8 60% 1,150 -15% 8.0 0-9% 119% Approx. figures are based on CSI data from 2008 to present 55% 1,100 Ch. SPX Close %Ch. Date CSI (SPY\*10) 50% 1,050 7/15/2011 1,317 -2% 58% -5 1,000 45% 7/22/2011 2% 1,346 70% 12 40% 950 -4% -6 7/29/2011 1,293 64% 8/5/2011 -7% 35% 1,201 45% -19 900 8/12/2011 -2% 39% -6 1,181 30% 850 8/19/2011 -5% 1,126 39% 0 25% 8/26/2011 5% 800 -5 1,180 34% 9/2/2011 0% 37% 1,179 3 20% 750 9/9/2011 -2% 29% 1,159 -8 15% 700 9/16/2011 1,215 5% 25% -4 9/23/2011 **-7**% 25% 1,135 0 10% 650 9/30/2011 0% 24% 1,132 -1 5% 600 10/7/2011 2% 1,157 20% -4 10/14/2011 1,226 6% 29% 9 550 10/21/2011 1,240 1% 35% 6 10/28/2011 1,286 4% 49% 14 11/4/2011 1,255 -2% 43% -6

## CSI Summary

You may notice minor changes in past CSI figures this week due to slight adjustments I've made in the smoothing component of the CSI (with the intent of further enhancing the CSI's signal-to-noise ratio).

From my comments below, you can probably tell that how one views the current cyclical trend of the SPX will impact their interpretation of the CSI. Right now, the CSI is not telling us a whole lot other than that there is a significant amount of room that the SPX could rally or fall from its current level, in the coming weeks. The CSI is not as lopsided as it was a few weeks ago, when – regardless of one's view of the cyclical trend – it was not hard to tell that a double-digit percent rally was eventually coming (although the SPX level from which it would come was debatable – with SPX 1070-80 and 1000-20, in my view, being the favorites, as indicated in the Sept. 9<sup>th</sup> CSI Report).

The CSI declined by 600 basis points this past week to close at 43%. It experienced its first decline in four weeks, while the SPX experienced its first decline in five weeks. As with the SPX, multiple weeks of action in one direction (or primarily one direction) with the CSI often indicate a trend has formed or is building.

How one views the current level of the CSI may depend on their opinion of the current cyclical trend:

- Within the context of a cyclical bull market, the current level of the CSI could be viewed as alarmingly bullish for the SPX. Considering that the SPX may be in the midst of a cyclical bull market advance, the current level of the CSI suggests there is still significant room for higher prices should the advance continue, as there are still many traders and investors who may buy into the current rally that have not yet done so.
- Within the context of a cyclical bear market, the current level of the CSI could be viewed as alarmingly bearish. Considering that the SPX may be in the midst of a cyclical bear market advance, the current level of the CSI suggests the advance is maturing and is significantly more than half complete (and may have even already completed), as many of the traders and investors who may risk buying into it have already done so.

Cautionary Note on Interpretation: The Crowd Sentiment Index (CSI) for US Equities is perhaps best used as a blunt and continuous (as opposed to discrete) indication as to the general market mood toward US equities, which can help a contrarian trader or investor to decide when to increase or hedge/decrease US equities exposure so as to help manage risk effectively and thereby maximize risk-adjusted returns. In a cyclical bull market, it is not unusual for the CSI to remain elevated for extended periods without the market declining in any significant way. Conversely, in cyclical bear markets, it is not unusual for the CSI to remain depressed for extended

periods without the market rising in any significant way. Furthermore, the CSI is merely one tool a trader or investor can use to analyze markets, and should not be interpreted except in combination with the message being delivered by a suite of other tools the trader or investor feels confident in analyzing markets with.

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