



Panamax Technical Report

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Index

A bullish inverse head and shoulders pattern was in play last week; however, we had a note of caution as the RSI was at a resistance zone, meaning we needed to see an acceleration in price on the breakout otherwise it warned the resistance zone could hold. Momentum slowed the following day and reversed the day after, resulting in the index entering a corrective phase. The technical remains bullish but the USD 17,326 support is likely to be broken tomorrow, indicating a neutral bias, below USD 16,577 the technical is bearish. Technically we remain bullish and in a corrective phase, the failure to hold the H&S breakout would suggest the USD 16,577 fractal support could come under pressure soon. The index is not considered a technical buy at this point.

November

Bullish last week but lacking in directional bias; there was an inverse H&S pattern forming that needed confirmation on a close above USD 19,300. The futures have moved lower with price now looking to test the USD 15,800 fractal support, if broken the USD 15,250 support becomes vulnerable. Below this level the technical is bearish, suggesting we could look to test the USD 9,225 low. The technical is weakening which is in line with our Elliott wave analysis and the seasonality, meaning we do not consider the futures a technical buy at these levels.

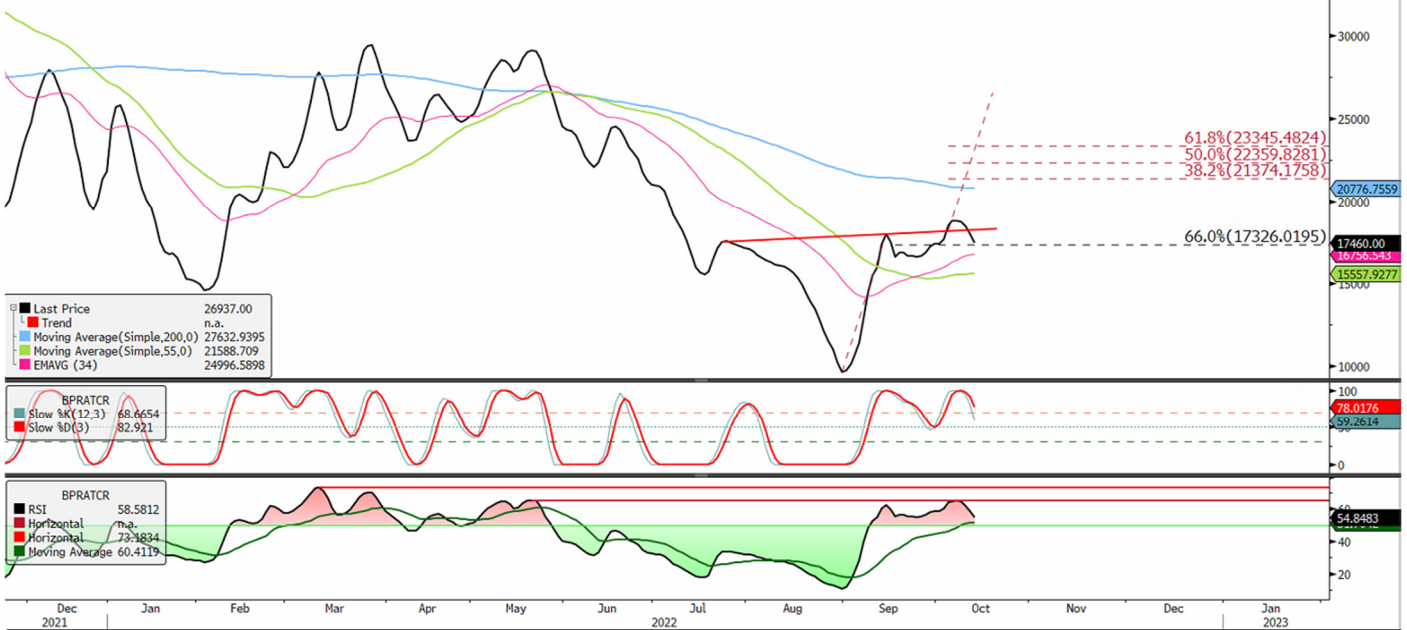
Q4 22

The rejection of the inverse H&S pattern last week warned that the futures were vulnerable to a technical pullback, resulting in price moving USD 1,300 lower. The technical is bullish but with a neutral bias, Upside moves that fail at or below USD 17,799 will leave the futures vulnerable to further tests to the downside, above this level the futures will target the USD 18,675 fractal resistance. The failure to hold the breakout last week is warning the USD 15,950 support could soon be broken, if it is we target the USD 14,875 and USD 11,425 support levels.

Cal 23

Another week of little change in the Cal 23, we continue to maintain our view that upside moves should be considered as countertrend with key resistance way above current levels at USD 15,940. Downside moves below USD 12,000 will warn that the USD 11,575 and USD 10,425 support levels are vulnerable.

Panamax Index



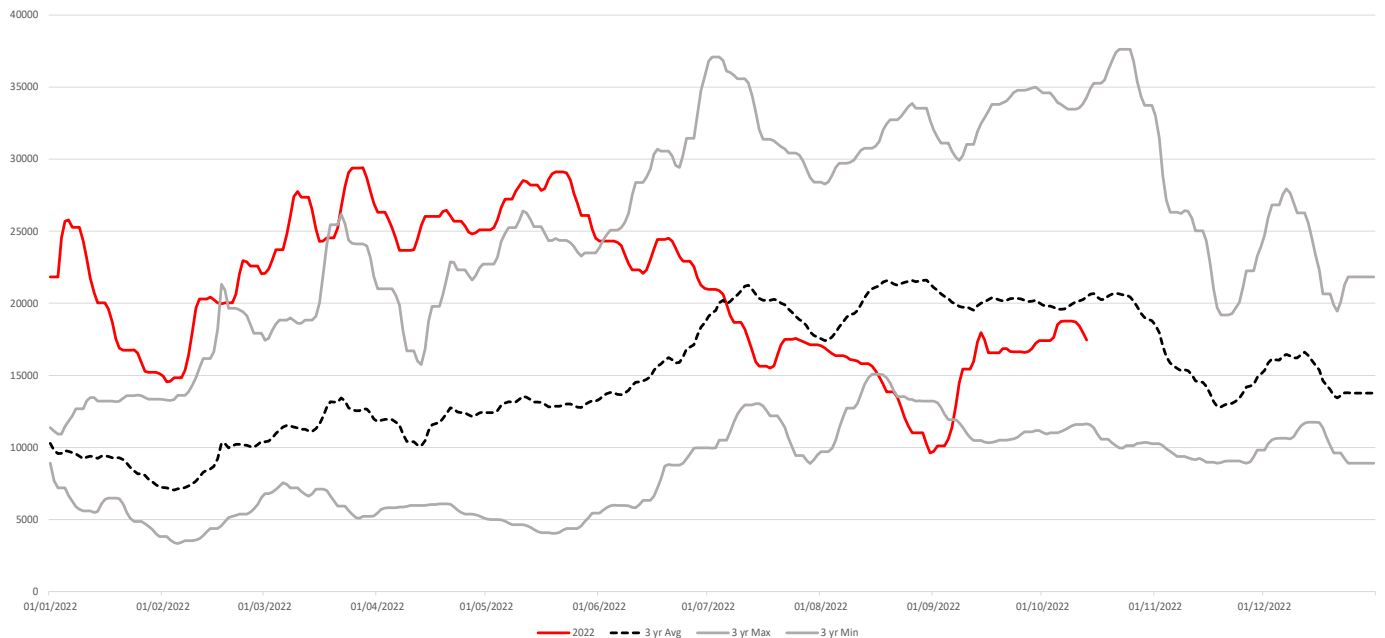
	Support	Resistance	Current Price	Bull	Bear
S1	17,315	R1	18,780	RSI above 50	Stochastic overbought
S2	16,577	R2	21,374		
S3	15,461	R3	22,359		

Synopsis - Intraday

Source Bloomberg

- Price is above the 34-55 period EMA's
- RSI is above 50 (54)
- Stochastic is overbought
- We noted last week that we were seeing a bullish inverse head and shoulders breakout, warning the market was supported. However, with the RSI entering a resistance zone, we had a note of caution if we did not see a momentum acceleration on the back of the bullish breakout, as it warned the RSI resistance zone could hold. Momentum slowed the next day giving us an early warning that the RSI resistance could hold, before turning lower two days after the breakout. Price is now in a corrective phase but remains above the 34 and 55 period EMA's supported by the RSI above 50.
- Downside moves that hold at or above the USD 17,326 will support a bull argument, below this level the index will have a neutral bias. Only below USD 16,577 is the index bearish.
- Technically bullish but in a corrective phase, the RSI resistance zone has held warning the H&S pattern has the potential to fail here. Seasonality would suggest that the index is vulnerable to a downside move, implying the USD 17,326 and USD 16,577 support levels could be tested and broken. Bullish but not considering a technical buy at this point.

Panamax Index 3-Year Seasonality Avg/max/Min



Panamax November 22 (1 Month forward)



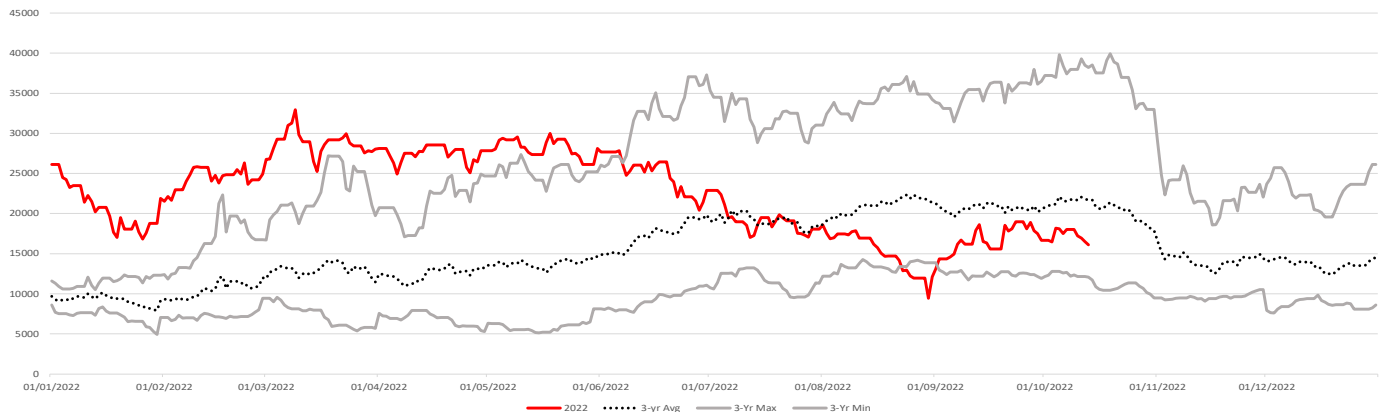
Support		Resistance		Current Price	Bull	Bear
S1	15,800	R1	18,950	16,075		RSI below 50
S2	15,250	R2	19,300			
S3	12,250	R3	19,800			

Synopsis - Intraday

Source Bloomberg

- Price is below the 8-21 period EMA's
- RSI is below 50 (46)
- Stochastic is below 50
- Technically bullish last week the futures had produced a few wild price extremes between the USD 19,300 – USD 15,250 high/low fractals, suggesting we lacked a directional bias. There was a potential inverse head and shoulders pattern forming that needed a close above USD 19,300 to be confirmed; likewise, a move below USD 15,250 would suggest the H&S pattern had failed. A rejection candle had been followed by a lower close, resulting in the futures trading to a low of USD 15,875. Price is below all key moving averages supported by the RSI below 50.
- The technical picture is now weakening in line with the seasonality chart and our Elliott wave analysis with price now testing the USD 15,800 support, if broken the USD 15,250 support becomes vulnerable. Below this level would suggest the USD 9,225 low is a legitimate downside target for market sellers.

Panamax Rolling Front month 3-year Seasonality Avg/Max/Min



Panamax Q4 22 (Rolling front Qtr)



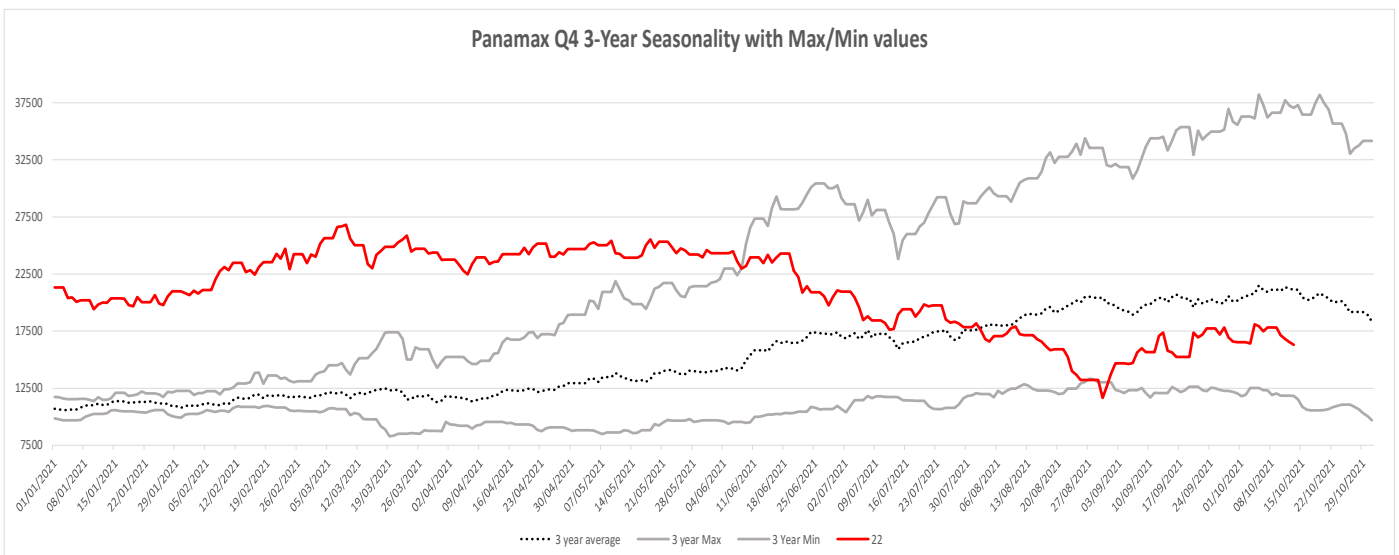
	Support	Resistance	Current Price	Bull	Bear	
S1	15,950	R1	16,208		RSI below 50	
S2	14,875	R2				17,799
S3	11,425	R3				18,675

Source Bloomberg

Synopsis - Intraday

- Price is below the 8-21 period EMA's
- RSI is below 50 (47)
- Stochastic is below 50
- We noted that the bullish inverse head and shoulders pattern last week should probably be ignored as it was failing to find buy-side momentum on the upside breakout, warning the technical could be vulnerable to a downside move. The futures are now USD 1,300 lower with price below the 8-21 period EMA's supported by the RSI below 50.
- Upside moves that fail at or below USD 17,799 will leave the technical vulnerable to further tests to the downside, above this level the futures will target the USD 18,675 fractal resistance. Likewise, downside moves below USD 15,950 will mean the technical is bearish.
- Technically bullish with a neutral bias, the breakout failure warns that the USD 15,950 support could be broken in the coming days, if it is, we target the USD 14,875 and USD 11,425 support levels.

Panamax Q4 3-Year Seasonality with Max/Min values



Panamax Cal 23



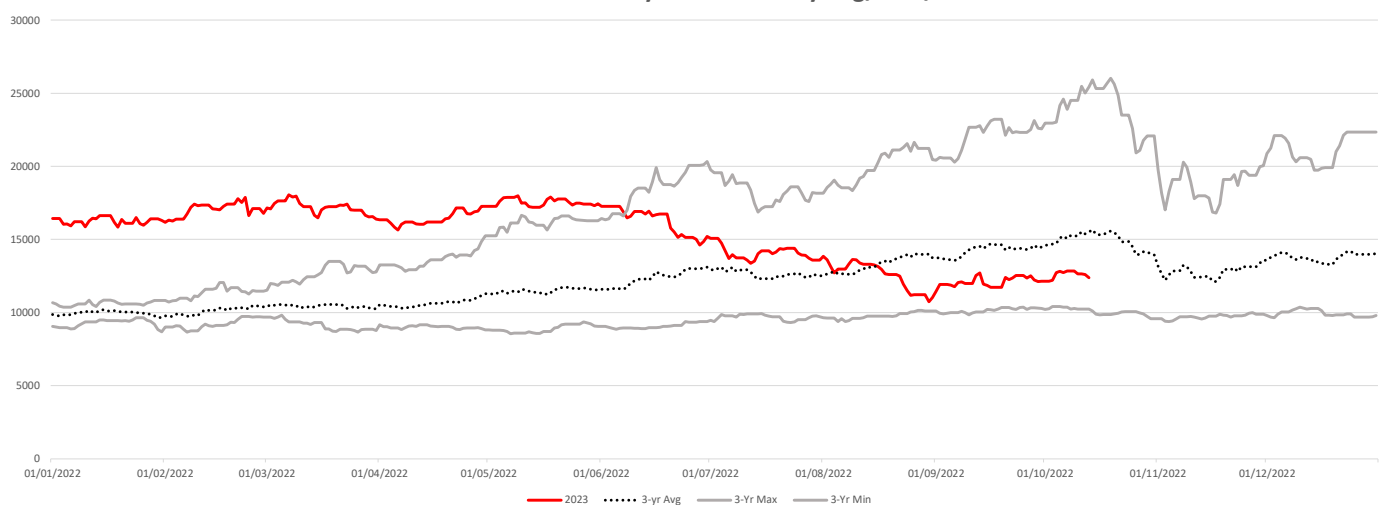
Support	Resistance	Current Price	Bull	Bear
S1	R1	12,362		RSI below 50
S2	R2			
S3	R3			

Synopsis - Intraday

Source Bloomberg

- Price is below the 8—21 period EMA's
- RSI is below 50 (48)
- Stochastic is above 50
- Technically bearish with a neutral bias last week, we maintained our view that the upside move was countertrend. The futures have seen a small move to the downside with price trading below all key moving averages supported by the RSI below 50.
- Upside moves that fail at or below USD 15,490 will level the futures vulnerable to further tests to the downside, above this level the technical will have a neutral bias. Likewise, downside moves below USD 12,000 will warn that the USD 11,575 and USD 10,425 fractal support levels could come under pressure.
- Technically bearish with a neutral bias, we maintain our view that the current upside moves should be considered as countertrend with the longer-term trend remaining vulnerable to further tests to the downside (unchanged).

Panamax Calendar 3-year Seasonality Avg/Max/Min



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