

Princeton Economics

Forecasting The World



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# Asian Outlook



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## A TECHNICAL OUTLOOK FOR THE MALAYSIAN RINGGIT



Our long-term view in the Malaysian Ringgit has been a very slow and gradual recovery since the dramatic collapse that began in July 1997 with the **Asian Currency Crisis**. The Ringgit has still been unable to reach the levels attained pre-1997 Crash. The 1997 **Asian Currency Crisis** was the most dramatic in Malaysia. It lasted the typical 7 month bull market cycle for the dollar at that time moving dramatically from 25245 to 48602 or a 51.85% decline.

From that January high in the Dollar/Ringgit exchange rate, there has been one Monthly Bearish Reversal elected at 30322. The underlying Monthly Bearish Reversals lie at 25825, 25275, and 25175. This provides a good view of the critical support layers.

On the Yearly level, the underlying Bearish Reversals lie at 27585, 24880, 24342, and 22770. So far, 2012 has been an inside trading year remaining within the trading range of 2011. The lowest annual closing since the 1997 Asian Currency Crisis has been 30820. Therefore, we have not elected any Yearly Bearish Reversals at all in this currency regarding the dollar.

We have a Directional Change due in 2012 and rising volatility in 2013. So far, 2012 provided that pause in the downtrend. The turning point to watch will be 2014 followed by 2016 which is the top of the **Economic Confidence Model** where we should see high volatility when that turns 2015.75. Thereafter, volatility appears to be very high between 2016 and 2018 with a turning point straddle 2018/2019. We have turning points thereafter in 2020 and 2023 with a Directional Change in 2022.

As long as the Ringgit closes 2012 **BELOW** 33025, then there will be the potential for a decline in the dollar pressing lower to test the 27500 area. In 2013, we have support at 30800 just **BELOW** the lowest closing of 30820. If we see 2012 close **BELOW** this area, expect this to provide the first level of resistance during 2013. We also see 31350 as resistance for 2013 with support coming in at 26000 and 24600-24700.



## YEARLY LEVEL

On the Yearly level of our system model in Malaysian Ringgit, everything is bearish on both momentum and trend for the dollar as far as the short-term is concerned. The intermediate indicators are also quite bearish. This is warning that, immediately, resistance is standing overhead at 30800, 31350, 34520, 36415, 37950 and 38010 levels. Clearly, any rally must at least make an effort to exceed these 30800 in order for the long-term perspective to shift into a neutral mode at this time. Any hopes of reversing the current trend back into a bullish mode for the dollar on the short-term, depends entirely upon penetrating above these key resistance points in addition to the major Bullish Reversals.

On the broader perspective, the Cyclical Strength Model is currently bullish. Everything on the long-term models, including momentum and trend, is still in the bullish mode on the Yearly level warning that the dollar has not surrendered yet to the Ringgit. This tends to suggest that the market is still in a positive mode insofar as the long-term is concerned. This current bearishness may prove to be short lived if the long-term indicators withstand any decline. Therefore, support appears to rest under the market at the 26000, 25400, 24600-24700, and the 22750, levels. Resistance, however, is largely technical standing at 34500-34600 and 36400-36500.

## YEARLY REVERSAL SYSTEM

At this time, the Major Yearly Bearish Reversals are 27585, 24880, 24342, and 22770. Therefore, only a yearly closing **BELOW** 27585 will signal that a immediate downtrend could unfold leading to a renewed bear market ahead for the dollar. According to our model, the Minor Yearly Bearish Reversal resides at 24345 and 22415. It should be noted that one key reversal appears to be very important. We see that a yearly closing beneath 24345 may signal that a serious sell-off is likely to follow thereafter.

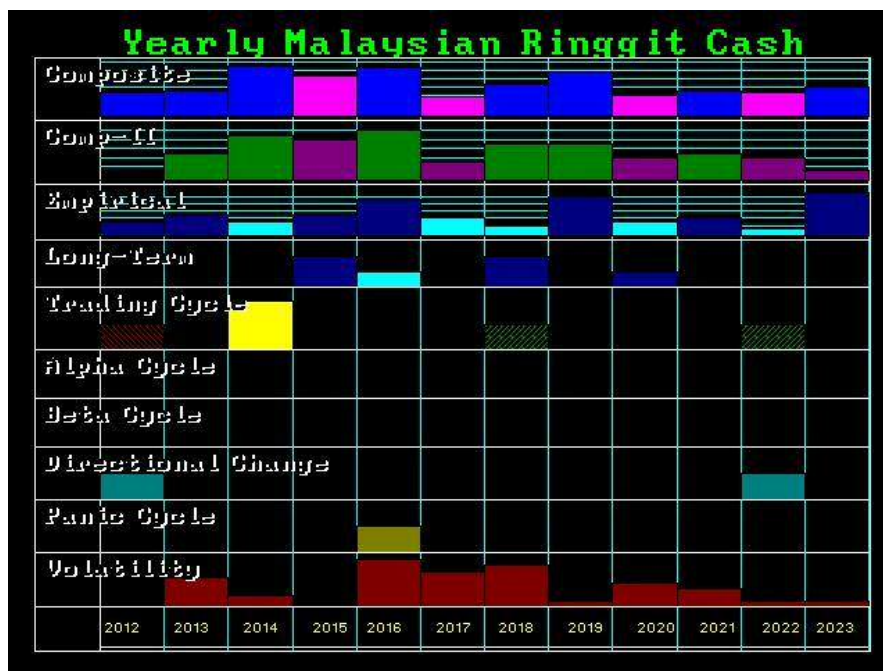
The Reversal System immediately displays Major Yearly Bullish Reversals at 32130, 37370 and 37790 and 48710. Accordingly, only a yearly closing **ABOVE** 32130 will signal that an immediate uptrend should unfold thereafter in the dollar.

### Yearly Reversals

Major Bullish 32130 37370 37790 48710

Major Bearish 27585 24880 24342 22770

Minor Bearish 24345 22415



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in Malaysian Ringgit will be 2029 and 2030.

Our Directional Change models indicate that turning points are due the years of 2012 and 2022. Our Panic Cycle Models suggest that higher volatility is due the year of 2016.

**Yearly Turning Points:**

(2012), (2013), 2014, (2015-2016), (2018-2019), (2022), 2023

**YEARLY TECHNICAL OUTLOOK**

RESISTANCE: 33286 35822

SUPPORT: 29500 28608 28227

TABLE #1

**Yearly Technical Projections**

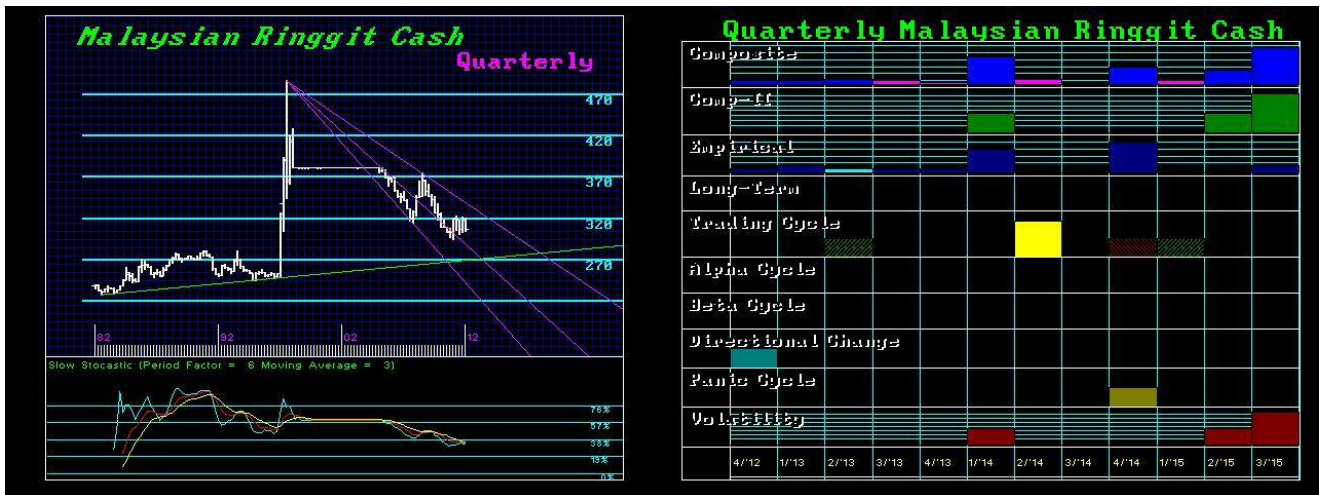
2013...	28227	28608	29500	33286	35822
2014...	28443	28232	29570	32265	36180
2015...	28658	27855	29640	31243	36537
2016...	28874	27479	29710	30222	36894
2017...	29090	27103	29780	29201	37252
2018...	29305	26727	29850	28180	37609
2019...	29521	26351	29920	27159	37966

**Yearly Indicating Ranges**

**Date      Momentum      Trend      Long-Term**

2013	34520-24660	36415-26060	37950-30810
2014	33430-24950	37370-27180	37990-29360
2015	32050-26610	34520-27670	37993-29940

**2013 MOMENTUM INDICATORS HLC 32900 30036 31020**



**QUARTERLY LEVEL**

**QUARTERLY REVERSAL SYSTEM**

At this time, the Major Quarterly Bearish Reversals are 27220, 25290, 24750 and 24680. Consequently, only a

quarterly closing below 27220 will signal that a immediate downtrend could become more serious in the near-term. When we look at the Minor level, our Quarterly Bearish Reversal resides at 24345, with additional reversals at 24960 and 24845. Thus, only a quarterly closing below 24960 will signal that a immediate downtrend should unfold thereafter.

Looking at our Reversal System, we show that the Major Quarterly Bullish Reversals stand at 31923, 32600, 33120 and 34520. Our model also highlights Quarterly Bullish Reversals above the market at 38020 and 38100. Consequently, only a quarterly closing above 31923 will signal that a immediate uptrend should unfold thereafter.

### **Quarterly Reversals**

Major Bullish 31923 32600 33120 34520 38020 38100

Major Bearish 27220 25290 24750 24680

Minor Bearish 24960 24845 24345

## **QUARTERLY TIMING**

Using a composite of a variety of timing intervals, the key quarters for a turning point in Malaysian Ringgit will be 10/2018 and 04/2019.

Our Directional Change models indicate that a turning point is due the quarter of 10/2012. Our Panic Cycle Models suggest that higher volatility is due the quarter of 10/2014.

### **Quarterly Turning Points:**

01/2013, (04/2013), (01/2014), (04/2014), (10/2014)

### **Quarterly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

10/2012 34590-29360 35745-29940 35995-31700

01/2013 33430-30225 34820-30440 36310-32050

04/2013 32585-29940 34520-30350 35230-31700

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 31895 30171 30945**





## MONTHLY LEVEL

### MONTHLY REVERSAL SYSTEM

At this time, the Major Monthly Bearish Reversals are 25825, 25290 and 25179. Therefore, only a monthly closing below 25825 will signal that a immediate downtrend could become more dramatic in the near-term. This type of a closing would warn that this market should move to the downside in the months ahead. For now, our Minor Monthly Bearish Reversals are found at 29610 and 29360, followed by resides at 25025. Thus, only a monthly closing below 29610 will signal that a sell-off is likely to continue from here in the short-term. Nonetheless, only a close below 29610 will suggest a reversal in long-term trend.

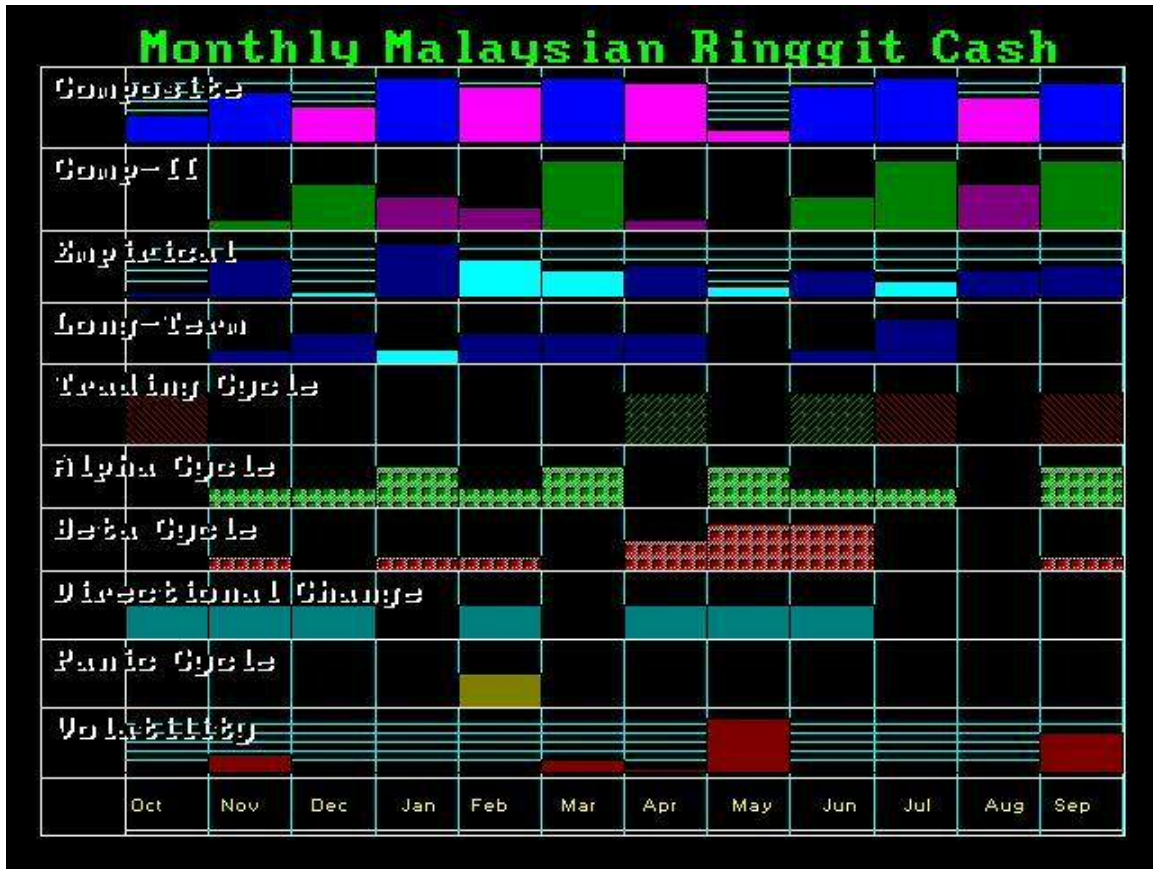
Presently, our Reversal System indicates that the Major Monthly Bullish Reversals are 31923, 31980 and 34410. Our model also highlights Monthly Bullish Reversal stands at 37998.

### **Monthly Reversals**

Major Bullish 31923 31980 34410 37998

Major Bearish 25825 25290 25179

Minor Bearish 29610 29360 25025



## MONTHLY TIMING

The key month for a turning point will be 05/2014.

Our Directional Change models indicate that turning points are due the months of 10/2012, 11/2012, 12/2012, 02/2013, 04/2013, 05/2013 and 06/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 02/2013.

### **Monthly Turning Points:**

(10/2012), 01/2013, (04/2013), (05/2013), 08/2013

### **MONTHLY TECHNICAL OUTLOOK**

SUPPORT: 30102 29017 28612

#### TABLE #2

### **Monthly Technical Projections**

10/01... 28612 29017 30102

11/01... 28562 28902 29933  
12/01... 28512 28787 29764  
01/01... 28462 28671 29595  
02/01... 28412 28556 29425  
03/01... 28363 28441 29256  
04/01... 28313 28325 29087

### **Monthly Indicating Ranges**

#### **Date    Momentum    Trend    Long-Term**

10/2012 31875-29620 31900-30225 31923-31230  
11/2012 31450-30440 31460-30810 32050-30930  
12/2012 31230-30350 31370-30800 31935-30815

**OCTOBER MOMENTUM INDICATORS HLC 31538 30836 31003**

# A TECHNICAL OUTLOOK FOR THE MALAYSIAN KSLE COMPOSITE CASH SHARE INDEX



Our long-term outlook for the Malaysian KSLE Composite Cash Share Index recognizes that the current bullish trend may be only making a temporary high at this time in 2012. In the event of new intraday highs developing beyond this year, then the final high could extend into 2032. However, if new intraday highs are not sustained next year, then 2012 may produce the major high on a closing basis as well as on a cyclical basis.

The major support in this market on an annual basis lies at the 128000 level on the low end and 153000 on the high end. A closing above 153000 at year-end 2012 still leaves the market with a bullish tone whereas a closing beneath this level will begin to shift the market into a neutral position. While 2012 has the potential to produce a temporary high, 2013 is a Directional Change and 2014 is the big turning point. If 2013 starts a correction process, then there is a possibility that 2014 may produce a low. After 2014, we see turning points targeting 2016, 2019 and 2021-2022. There certainly appears to be on the horizon great turmoil ahead in Malaysia.

When we look at our volatility models, they are simply going nuts starting in 2014 building to extremes in 2015, 2019, and 2022 with 2018 also showing up as a Panic Cycle. We then have a succession of Directional Change targets 2019 through 2022. This is warning that we will see extreme confusion and choppy markets during that period.



## YEARLY LEVEL

This year our indications on the Yearly level in the Malaysian KSLE Composite Cash Share Index, are bullish on both the short-term momentum and trend according to the system model. We also find that intermediate indicators are in a bullish position. This suggests that 128000 is an important level of intermediate support. On the broader perspective, the Cyclical Strength Model is currently bullish. Everything on the long-term models, including momentum and trend, is still in the bullish mode on the Yearly level. Therefore, support appears to rest under the market at the 152400, 145200, 128800, 109000, and 87000 levels. Resistance, however, is largely technical with the primary target being 179600 and 248000. Only a closing for 2012 ABOVE 179600 would warn that we could see a continued rally into 2013.

### **YEARLY REVERSAL SYSTEM**

The Malaysian KSLE Composite Cash Share Index remains in an extremely strong position. As long as this market holds **ABOVE** 131053 on a yearly closing basis, then new record highs are still possible. Our Projected Bullish Reversals for this year stand at 164943 followed by 179759. As a result, a yearly closing above this 164943 area will signal that this market should continue to advance to new highs.

At this time, the Minor Yearly Bearish Reversals are 131053, 109030, 83650, and 48800. Accordingly, a yearly closing below 109030 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead. The Major Yearly Bearish Reversal lies at 16950.

**Yearly Reversals**

Major Bullish 164943 179759  
 Minor Bearish 131053 109030 83650 48800  
 Major Bearish 16950



**YEARLY TIMING**

Employing composite cycle analysis, the key years for a turning point in the Malaysia Cash Stock Index will be 2020 and 2034.

Our Directional Change models indicate that turning points are due the years of 2013, 2019, 2020, 2021 and 2022. Our Panic Cycle Models suggest that higher volatility is due the year of 2018.

**Yearly Turning Points:**

(2012), 2014, 2016, 2018-2019, 2021, 2022

**YEARLY TECHNICAL OUTLOOK**

RESISTANCE: 176029  
 SUPPORT: 101726 101340 4732

**TABLE #1**

**Yearly Technical Projections**

2012...	4732	10134	10172	17602
2013...	4732	99570	10712	18191
2014...	4732	97800	11252	11970
2015...	4732	96030	47359	11970
2016...	4732	94260	47359	11970
2017...	4732	92490	47359	11970
2018...	4732	90720	47359	11970

**Yearly Indicating Ranges**

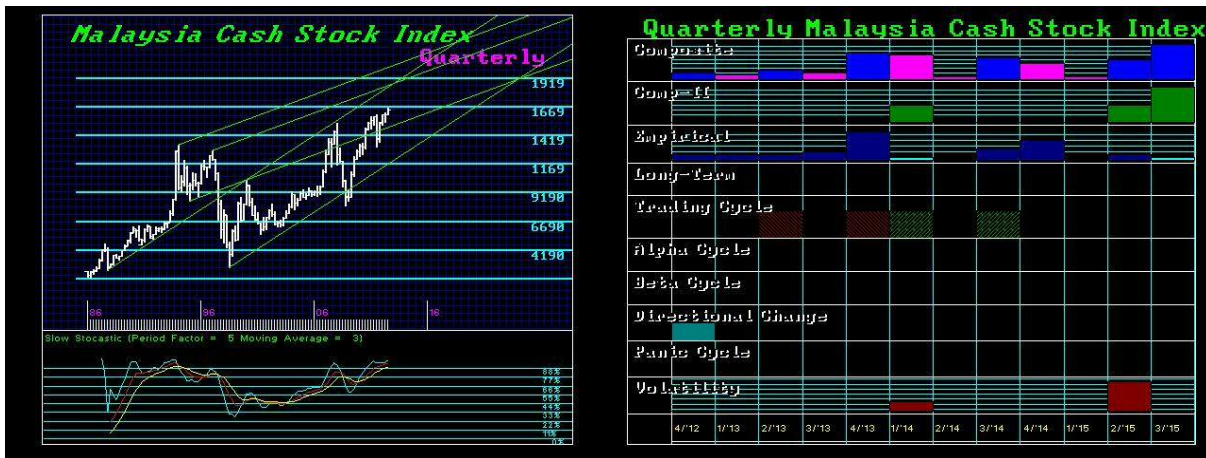
**Date Momentum Trend Long-Term**

2012	92057-35740	98790-55860	124200-76929
2013	85884-45910	95388-51240	127890-62780
2014	88329-26130	111012-48210	123386-62950

**YEARLY PATTERN RECOGNITION**

If this year closes below 144080, then the upward momentum has been lost which implies that a temporary top is in place and a near-term retest of support should begin.

**2012 MOMENTUM INDICATORS HLC 147249 112696 144080**



**QUARTERLY LEVEL**

**QUARTERLY REVERSAL SYSTEM**

The Malaysian KSLE Composite Cash Share Index remains in an extremely strong position. As long as this market holds **ABOVE** 159580 on a quarterly closing basis, then new record highs are still possible. Our Projected Bullish Reversals for this quarter stand at 165986 and 166276. Thus, a quarterly closing above this area will signal that this market should continue to advance to new highs. As long as this market remains below 165986 on a closing basis, then the immediate trend is perhaps neutral for the moment. However, only a closing **BELOW** 159580

would imply that at least a temporary high is in place for now and that a retest of key support is likely to develop.

At this time, the Minor Quarterly Bearish Reversals are 159580, 131050, 129435, 96350 and 96325. Thereupon, only a quarterly closing below 159580 will signal that an immediate downtrend could become more serious in the near-term. For now, our Major Quarterly Bearish Reversals are found at 73325 and 68150, with an additional reversal at 26110. It should be noted that one key reversal appears to be very important. We see that a quarterly closing beneath 73325 may signal that a serious sell-off is likely to follow thereafter.

### **Quarterly Reversals**

Major Bullish 165986 166276

Minor Bearish 159580 131050 129435 96350 963325

Major Bearish 73325 68150 26110

## **QUARTERLY TIMING**

Using a composite of a variety of timing intervals, the key quarters for a turning point in the Malaysia Cash Stock Index will be 04/2016 and 01/2020.

Our Directional Change models indicate that a turning point is due the quarter of 10/2012.

### **Quarterly Turning Points:**

(10/2012), (10/2013), (04/2014), 10/2014

### **QUARTERLY TECHNICAL OUTLOOK**

SUPPORT: 101198 100016 69352 22004

#### **TABLE #2**

#### **Quarterly Technical Projections**

10/2012...	22004	69352	10001	10119
01/2013...	22004	69352	99574	10251
04/2013...	22004	69352	99132	10383
07/2013...	22004	69352	98689	10514
10/2013...	22004	69352	98246	10646
01/2014...	22004	69352	97804	10778
04/2014...	22004	69352	97362	10909



### Quarterly Indicating Ranges

Date	Momentum	Trend	Long-Term
10/2012	135345-80127	146227-101886	153073-109039
01/2013	147438-83651	150209-93663	157695-124500
04/2013	150764-87596	152660-109591	157907-114156

### QUARTERLY PATTERN RECOGNITION

If this quarter closes below 161071, then the upward momentum has been lost which implies that a temporary top is in place and a near-term retest of support should begin.

### **4TH QUARTER 2012 MOMENTUM INDICATORS HLC 162110 154151 161071**



## MONTHLY LEVEL

### MONTHLY REVERSAL SYSTEM

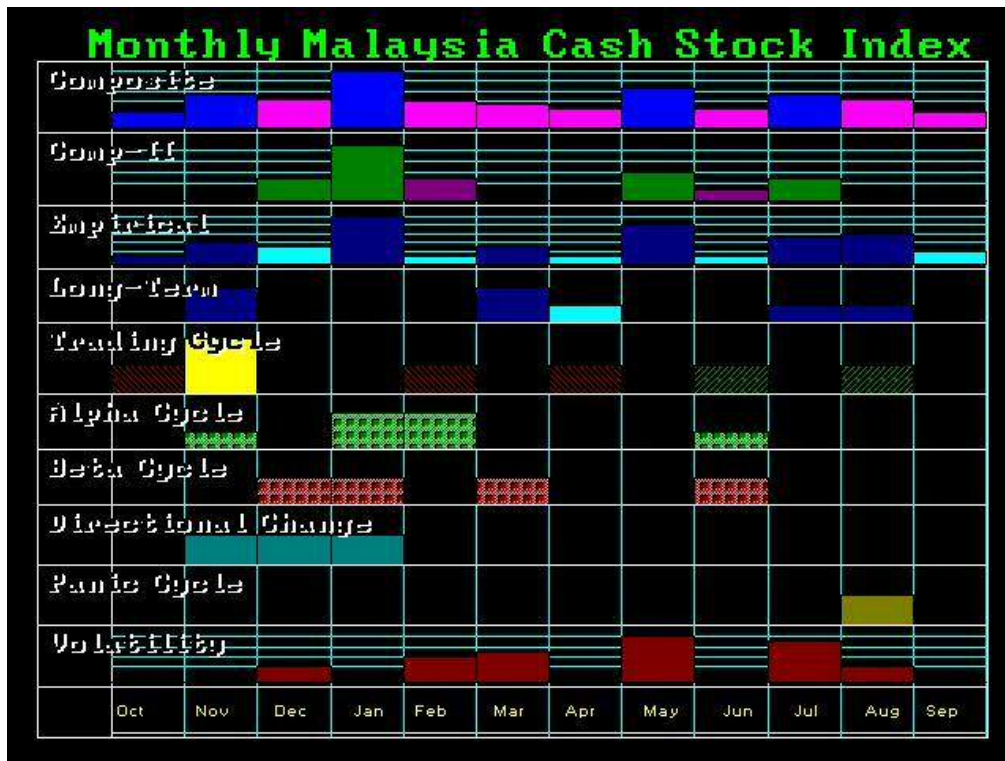
At this time, the Major Monthly Bearish Reversals are 159580, 152660, 150764, 144854 and 142498. As a result, only a monthly closing below 159580 will signal that an immediate downtrend could retest long-term support.

Our model suggests that the Major Monthly Bearish Reversals are found at 123386 and 105812, with additional reversals at 124386, 116357 and 87346. Thus, only a monthly closing below 124386 will signal that a sell-off is likely to follow. Nonetheless, only a close below 116357 will suggest a reversal in long-term trend. Our Minor Monthly Bearish Reversals rest at 152660, 150760, 144850, and 142495.

The Malaysian Cash Stock Index remain in an extremely strong position. As long as this market holds ABOVE 159585 on a closing basis, then new record highs are still possible. Our Monthly Bullish Reversals stand at 19020 and 17780. A monthly closing above 17780 will signal that this market should continue to advance to new recent highs.

**Monthly Reversals**

Major Bullish 159585  
 Minor Bullish 17780 19020  
 Major Bearish 124386 123386 116357 105812 87346  
 Minor Bearish 152660 150760 144850 142495



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in the Malaysia Cash Stock Index will be 10/2012 and 10/2014.

Our Directional Change models indicate that turning points are due the months of 11/2012, 12/2012 and 01/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 08/2013.

### **Monthly Turning Points:**

(11/2012), 01/2013, (03/2013), 05/2013, (07-08/2013)

### **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 184180

SUPPORT: 160743 119701 55561

#### **TABLE #3**

#### **Monthly Technical Projections**

10/01...	55561	11970	16074	18418
11/01...	55561	11970	16088	18544
12/01...	55561	11970	16103	18670
01/01...	55561	11970	16117	18796
02/01...	55561	11970	16132	18922
03/01...	55561	11970	16146	12492
04/01...	55561	11970	16161	12492

#### **Monthly Indicating Ranges**

#### **Date    Momentum    Trend    Long-Term**

10/2012	155451-147402	157375-152603	157907-153199
11/2012	159633-147757	159708-152995	159967-154488
12/2012	157695-142347	160933-150536	162668-155884

### **MONTHLY PATTERN RECOGNITION**

According to our pattern recognition models we see that a possible outside reversal may be due in 03/2013.

If this month closes below 163812, then the upward momentum has been lost which implies that a temporary top is in place and a near-term retest of support should begin.

**OCTOBER MOMENTUM INDICATORS HLC 165294 160740 163812**

# A TECHNICAL OUTLOOK FOR NEW ZEALAND DOLLAR



Our long-term outlook for the New Zealand dollar has been bullish as it has been rising since 2000 when the US dollar peaked at 25707. So far, the New Zealand dollar has risen for the past 11 years as the US dollar declined to make its low at 11372 in 2011. So far 2012 has been a pause in trend trading entirely inside the price action of 2011. Only a yearly closing back above 16865 will signal that the Kiwi will decline as the greenback rises in international value once again. Near-term, an annual closing above the 14050 level will signal also a likely shift in trend.

Our annual timing models are showing key turning points due in 2014, 2016, 2018-2019, (2020), 2021 and 2023. Nevertheless, as long as 14050 stands as annual closing resistance, then the broader long-term bear market will remain in motion for the years ahead. However, if we close **ABOVE** 14050 on a yearly basis, then a continued bullish trend is likely for the near-term.

We have a Directional Change due in 2013 followed by another one in 2016. Thereafter, we see directional Change targets appearing in 2021 and 2022 in line with the major turning point in the Economic Confidence Model in 2020. We do have a Weekly Bearish Reversal at 11880 and a closing beneath this level will signal a possible drop to new lows for the Greenback. A Weekly Bullish stands at 13560 whereas the highest weekly closing achieved so far has been 13520. Our Monthly Bearish Reversal lies at 11809. September closed at 12058. If this is elected, then it would be possible to see a new low in November followed by a reaction to the upside into January.



## YEARLY LEVEL

This year, after studying all price data, we have found that our momentum models on the Yearly level in the New Zealand Dollar are negative for the Greenback, while all short-term trend indicators are neutral. The intermediate indicators are also quite bearish for the US dollar. Taking a broader view of the market, we find that Cyclical Strength is also bearish. However, long-term momentum is in the bullish mode as is the case in point concerning the long-term market trend indicators for now. This is a rather important point. In order to avoid a resumption of the downtrend for the Greenback, Cyclical Strength must shift back to neutral, which really does not seem possible until perhaps 2014. We will need to see an annual trading range and closing back above the 13825 level. Otherwise, long-term levels of support will eventually be challenged in the near future. This suggests that support will be found under the market at the 12332, 8375, 6711, levels, while currently we see resistance scaled overhead at the following areas: 13106, 15061, 16972, 17652 and 20405 levels.

### **YEARLY REVERSAL SYSTEM**

At this time, the Major Yearly Bearish Reversals are 10310, 9405, 8340, and 6826. Consequently, only a yearly closing below 10310 will signal that an extended decline for the US dollar is likely. When we look at the Minor level, our Yearly Bearish Reversals resides at 12175 and 12090. Unmistakably, only a yearly closing below 12175 will signal that an further immediate downtrend should unfold thereafter.

Our Reversal System that the Major Yearly Bullish Reversals exist at 14050, 16865, 19235, 20880, and 23260. Accordingly, only a yearly closing above 14050 will signal that a immediate uptrend should unfold thereafter.

**Yearly Reversals**

Major Bullish 14050 16865 19235 20880 23260

Minor Bearish 12175 12092

Major Bearish 10310 9405 8340 6826



**YEARLY TIMING**

Employing composite cycle analysis, the key years for a turning point in will be 2021 and 2032.

Our Directional Change models indicate that turning points are due the years of 2013, 2016, 2021 and 2022.

**Yearly Turning Points:**

(2013), 2014, 2016, (2018), 2019, (2020), 2021, 2023

## YEARLY TECHNICAL OUTLOOK

RESISTANCE: 16244 18638 19008

SUPPORT: 11584 10149

### TABLE #1

#### Yearly Technical Projections

2012...	10149	11584	16244	18638	19008
2013...	9642	11436	16386	18049	19323
2014...	9135	11287	16529	17459	19638
2015...	8627	11138	16671	16870	19954
2016...	8120	10990	16814	16281	20269
2017...	7612	10841	16957	15692	20584
2018...	7105	10692	17099	15103	20900

#### Yearly Indicating Ranges

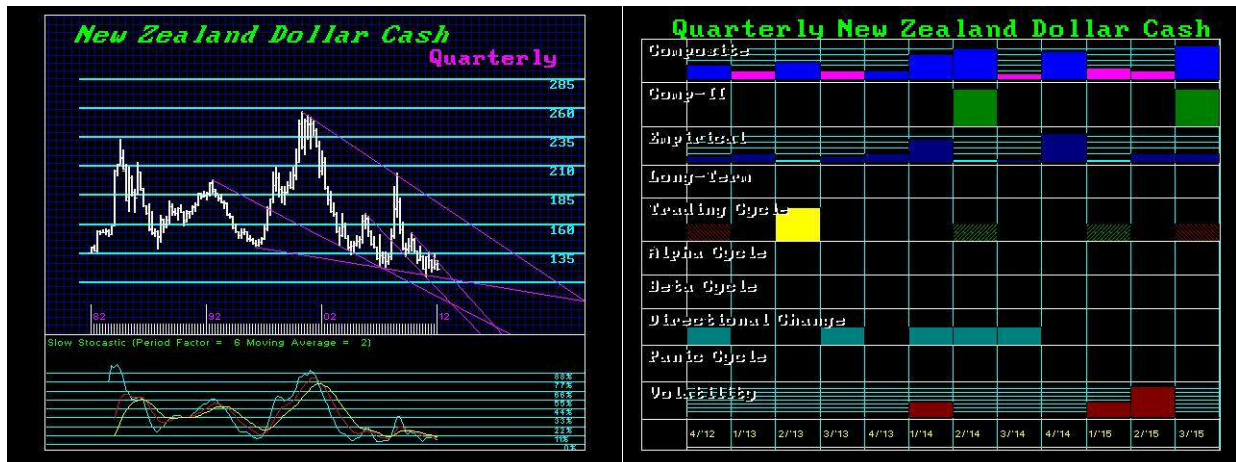
##### Date    Momentum    Trend    Long-Term

2012 17652-12332 20405-13106 20446-15061

2013 18943-12179 19066-12543 19235-15020

2014 16750-11372 20405-13106 21978-13824

### **2012 MOMENTUM INDICATORS HLC 16558 12340 13150**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

At this time, the Major Quarterly Bearish Reversal is 11910, 10000, 9990, and 9362. Hence, only a quarterly closing below 11910 will signal that an immediate downtrend could become more serious in the near-term. On our Minor level, the Quarterly Bearish Reversal rests at 11370. The lowest quarterly closing has been 12058 while the intraday low has been 11372.

Presently, our Reversal System indicates that the Major Quarterly Bullish Reversals are 13140, 13540, 14710, 14985, and 15232. Consequently, only a quarterly closing above 13540 will signal that an immediate uptrend should unfold thereafter for the Greenback.

**Quarterly Reversals**

Major Bullish 13140 13540 14710 14985 15232  
 Major Bearish 11910 10000 9990 9362  
 Minor Bearish 11370

**QUARTERLY TIMING**

Using a composite of a variety of timing intervals, the key quarters for a turning point in will be 04/2016 and 07/2018.

Our Directional Change models indicate that turning points are due the quarters of 10/2012, 07/2013, 02/2014, 04/2014 and 07/2014.

**Quarterly Turning Points:**

01/2013, (04/2013), (01/2014), 04/2014, 10/2014

**QUARTERLY TECHNICAL OUTLOOK**

RESISTANCE: 12444 16323  
 SUPPORT: 11426 10065 9632

**TABLE #2**

**Quarterly Technical Projections**

10/2012...	9632	10065	11426	12444	16323
01/2013...	9503	9803	11386	12166	16128
04/2013...	9375	9542	11346	11887	15932
07/2013...	9246	9280	11307	11608	15736
10/2013...	9117	9019	11267	11330	15541
01/2014...	8989	8757	11228	11051	15346
04/2014...	8860	8496	11188	10772	15150

**Quarterly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

10/2012	13682-11372	15515-11809	16133-12886
01/2013	13559-12025	14327-12136	14876-13106
04/2013	13443-11809	14144-11970	14680-12801

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 13030 11934 12250**





## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

At this time, the Minor Monthly Bearish Reversals are 11808 and 11385. Thereupon, only a monthly closing below 11808 will signal that an instant downtrend could become more serious in the near-term. Our model suggests that the Major Monthly Bearish Reversals are found at 10917, 10132 and 9709. It should be noted that one key reversal appears to be very important. We see that a monthly closing beneath 10132 may signal that a serious sell-off is likely to follow thereafter.

Presently, our Reversal System indicates that the Major Monthly Bullish Reversals are 13455, 15205 and 17765. Hence, only a monthly closing above 13455 will signal that an immediate uptrend should unfold thereafter. Immediately, our Minor Monthly Bullish Reversals exist at 13285, 13560 and 14330. Consequently, only a monthly closing above 13285 will signal that a shift in short-term trend is likely.

### **Monthly Reversals**

Major Bullish 13455 15205 17765  
 Minor Bullish 13285 13560 14330  
 Major Bearish 10917 10132 9709  
 Major Bearish 11808 11385



## MONTHLY TIMING

Employing composite cycle analysis, the key months for a turning point in will be 01/2014 and 09/2014.

Our Directional Change models indicate that turning points are due the months of 10/2012 and 06/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 08/2013.

### **Monthly Turning Points:**

12/2012, (01/2013), (06/2013), 09/2013

## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 14224

SUPPORT: 11077 10399 10188

### **TABLE #3**

#### **Monthly Technical Projections**

10/01...	10188	10399	11077	14224
11/01...	9985	10324	11057	14189
12/01...	9783	10249	11037	14155
01/01...	9580	10173	11018	14120
02/01...	9377	10098	10998	14085
03/01...	9175	10023	10978	14050
04/01...	8972	9948	10959	14016

#### **Monthly Indicating Ranges**

##### **Date    Momentum    Trend    Long-Term**

10/2012	13136-11707	13403-12214	13598-12318
11/2012	13379-12136	13389-12167	13487-12439
12/2012	12801-11970	13076-12318	13559-12342

**OCTOBER MOMENTUM INDICATORS HLC 12657 12151 12283**

# A TECHNICAL OUTLOOK FOR THE NEW ZEALAND NZX ORDINARIES ALL SHARE INDEX



The New Zealand Share Price Index has been recovering moderating since the March 2009 low at 61681. We have back-to-back Directional Change targets due in 2013 and 2014. Key years for turning points are 2013, 2015, 2017, 2019, and 2023. High volatility is likely in 2014, 2017, 2020, and 2022. On the Yearly level, short-term momentum indicators are neutral. Short-term trend, on the other hand, is in a bearish posture. Intermediate indicators are yielding a neutral signal at this time at best. This is alerting us to keep an eye on 81017 which is the intermediate resistance area to any rally right now on an annual closing basis while our Monthly Bullish Reversals stand at 88282, 109172, and 117640. The major low remains that of 1991 established at 36374.

Our Yearly Bullish Reversals stand at 84170, 101560, and 115150. An annual closing **ABOVE** 84170 will signal a breakout to the upside is possible. On the broader perspective, the Cyclical Strength Model is currently bullish. Everything on the long-term models, including momentum and trend, is still in the bullish mode on the Yearly level. This tends to suggest that the market is still in a positive mode insofar as the long-term is concerned. This current bearishness may prove to be short lived if the long-term indicators withstand any decline. Therefore, support appears to rest under the market at the 61680 level. Resistance will be found residing above the market at 105950 and 121810.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

At this time, the Major Yearly Bearish Reversals are 63100, 52700, 50664, and 36370. Hence, only a yearly closing below 63100 will signal that an immediate downtrend should unfold leading to a renewed bear market ahead.

The Reversal System immediately displays Minor Yearly Bullish Reversals at 78635, 84168 and 101560. Thus, a yearly closing above 78635 is necessary just to shift this market into a neutral-to-positive position. The key Yearly Bullish Reversal is 84168. An annual closing **ABOVE** this level will signal that an immediate uptrend should unfold thereafter.

### Yearly Reversals

Minor Bullish 78635 84168 101560

Major Bearish 63100 52700 50664 36370



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in New Zealand Share Price Index will be 2018 and 2039.

Our Directional Change models indicate that turning points are due the years of 2013 and 2014.

### **Yearly Turning Points:**

(2012), (2013), 2015, 2017, 2019, 2021, 2023

### **Yearly Indicating Ranges**

#### **Date    Momentum    Trend    Long-Term**

2012 105948-61681 121808-71897 78632-0

2013 79189-65726 109171-66534 68755-0

2014 70160-52701 75041-61681 78632-63102

### **2012 MOMENTUM INDICATORS HLC 79754 66826 75741**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

According to our Reversal System, the Major Quarterly Bearish Reversals are found at 50660, 46118, 37860, and 36370. Our Minor Quarterly Bearish Reversals lie at 71847, 70040, and 68330. Consequently, a quarterly closing below 71847 will signal that a downtrend is likely to continue from there.

Our Minor Quarterly Bullish Reversals stand at 962262, 106271, and 117275. A quarterly closing above 96262 is necessary to suggest that this Index should continue to advance to new recent highs.

### Quarterly Reversals

Minor Bullish 962262 106271 117275  
 Major Bearish 50660 46118 37860 36370  
 Minor Bearish 71847 70040 68330

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in New Zealand Share Price Index will be 10/2018 and 01/2019.

Our Directional Change models indicate that turning points are due the quarters of 10/2012 and 04/2015.

### Quarterly Turning Points:

(04/2013), 04/2013, 10/2013, (04/2014), 10/2014, 07/2015

### Quarterly Indicating Ranges

Date	Momentum	Trend	Long-Term
10/2012	79076-68332	79697-70044	101636-71849
01/2013	78632-71255	80602-74049	97878-75515
04/2013	79697-71849	84734-73406	101873-76548

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 81677 74637 79558**



## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

When we look at the Reversal System, we see that Minor Monthly Bearish Reversals are found at 76545 and 73697 followed by 68330, 66532, and 61680. Our Major Monthly Bearish Reversals rest 50662, 45500, 45230 and 43315. Consequently, only a monthly closing below 76545 will signal that a sell-off is likely to continue from there in the short-term. Nonetheless, only a close below 50662 will suggest a reversal in long-term trend.

Our Major Monthly Bullish Reversals stand above the market at 88282, 89202, 93617, 102772, 109172, 110842, 117640, and 119050. A monthly closing above 89202 will signal that this market should continue to advance to new recent highs.

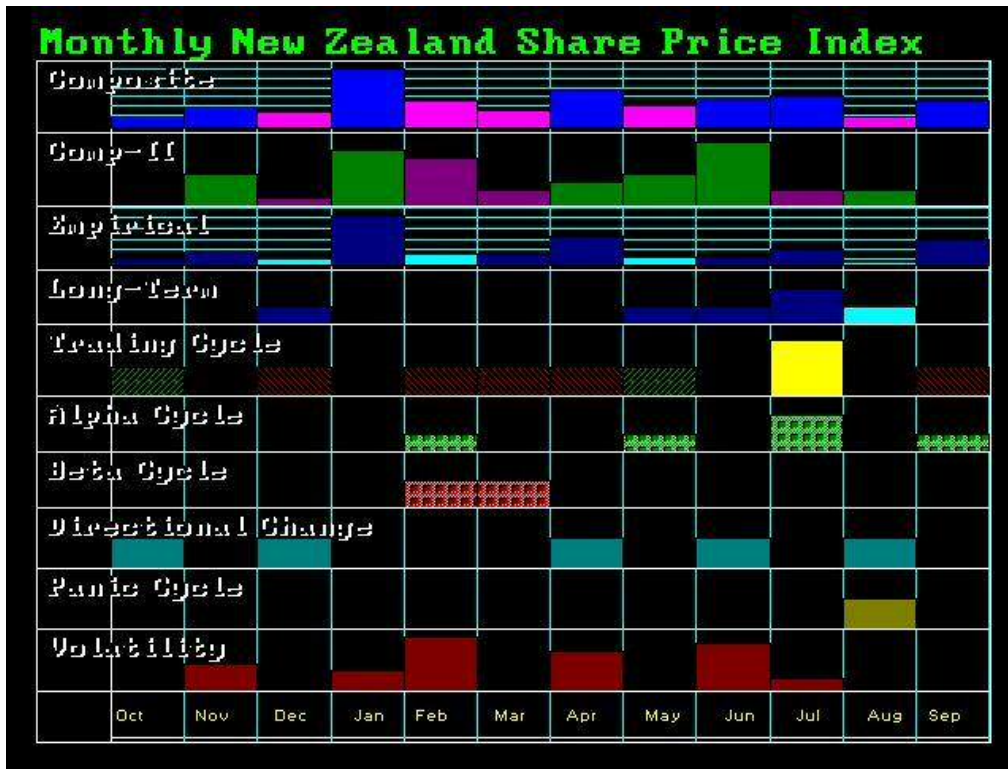
### **Monthly Reversals**

Major Bullish 88282 89202 93617 102772 109172 110842 117640 119050

Major Bearish 50662 45500 45230 43315

Minor Bearish 76545 73697 68330 66532 61680





## MONTHLY TIMING

Employing composite cycle analysis, the key months for a turning point in New Zealand Share Price Index will be 03/2013 and 05/2015.

Our Directional Change models indicate that turning points are due the months of 10/2012, 12/2012, 04/2013, 06/2013 and 08/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 08/2013.

### **Monthly Turning Points:**

(10/2012), 11/2012, 01/2013, 04/2013, 07/2013, (09/2013)

### **MONTHLY TECHNICAL OUTLOOK**

SUPPORT: 83755 83138 82413 62879

#### **TABLE #3**

#### **Monthly Technical Projections**

10/01...	62879	82413	83138	83755
11/01...	61972	82895	83257	83653
12/01...	61066	83377	83377	83552
01/01...	60159	83859	83497	83451
02/01...	59253	84341	83616	83350
03/01...	58346	84823	83736	83249
04/01...	57439	85306	83856	83147

### **Monthly Indicating Ranges**

#### **Date   Momentum   Trend   Long-Term**

10/2012 76548-69989 77161-71830 79028-73699

11/2012 76112-71604 78107-72657 78655-75426

12/2012 76548-71916 79028-74001 81395-75178

**OCTOBER MOMENTUM INDICATORS HLC 81871 78866 81391**

## A TECHNICAL OUTLOOK FOR THE PHILIPPINE PESO



The Philippine Peso has been rising against the US dollar rather steadily making a reasonable come-back after declining wildly in 2008 on the US Mortgage Backed financial Crisis of 2007. The Yearly Bullish Reversals for the US dollars against the Peso stands at 50150 and only an annual closing **ABOVE** this level will signal a reversal in the downtrend. By mid-October 2012, the Greenback has fallen to 41075. The support lies at 40800. A 2012 closing **BELOW** 40800 will signal a continued rise in the near-term for 2013.

Just recently, however, Moodys upgraded the Philippines compared to nothing but downgrades in Europe. The US dollar remains bearish on both momentum and trend as far as the short-term is concerned against the Peso. The intermediate indicators are also quite bearish. This is warning that, immediately, resistance is standing overhead at 42365, 42565, 44195, 44480, 46675 and 50150 levels. Clearly, any rally must at least make an effort to exceed these points in order for the long-term perspective to shift into a bullish mode for the Greenback at this time. Any hopes of reversing the current trend back into a bullish mode on the short-term, depends entirely upon penetrating above these key resistance points in addition to the major Bullish Reversals.

Taking a broader view of the market, we find that Cyclical Strength is bearish on the quarterly level. We do see 42365 as resistance extending into 2013 as well. The long-term momentum is in the bullish mode as is the case in point concerning the long-term market trend indicators for now. This is a rather important point. In order to avoid a resumption of the downtrend, Cyclical Strength must shift back to neutral. Otherwise, long-term levels of support will eventually be challenged in the near future. This suggests that support will be found under the market at the levels, while, currently, we see resistance scaled overhead at the following areas: 47095 levels.

Our technical support during 2012 lies at 41249 and 38018. This will move to 41512 and 35728 in 2013. We do see that the Philippine Peso has two Yearly Bearish Reversals at 40427 and 37830. We have broken beneath the Uptrend Line constructed from the 1999 low in the Greenback. Ideally, the dollar should into 2013 especially if we see a year-end closing below 40800.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

At this time, the Major Yearly Bearish Reversals are 40427 and 37830. Therefore, only a yearly closing below 40427 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead.

Looking at our Reversal System, we show that the Major Yearly Bullish Reversals stand at 50150 and 50969. Therefore, only a yearly closing above 50150 will signal that an immediate uptrend should unfold thereafter.

**Yearly Reversals**

Minor Bullish 50150 50969

Minor Bearish 40427 37830



**YEARLY TIMING**

The key year for a turning point will be 2014, 2016, 2020 and 2023. Our Directional Change models indicate that a turning point is due the year of 2012. Our Panic Cycle Models suggest that higher volatility is due the year of 2023.

**Yearly Turning Points:**

(2012), 2014, (2016), 2018, (2020), 2022-2023

**Yearly Indicating Ranges**

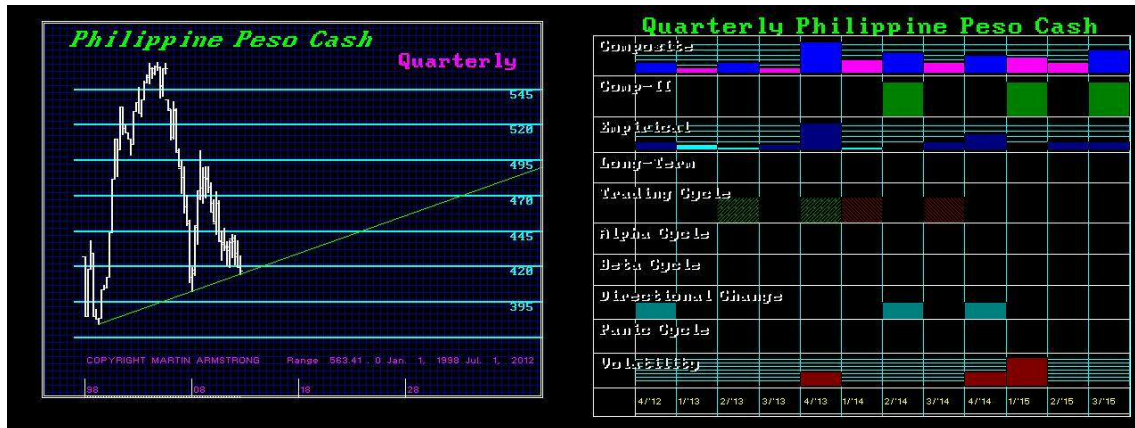
**Date Momentum Trend Long-Term**

201913 45875-42360 48990-40180 53025-40425

201914 42440-41875 47225-45700 49025-48290

201915 44640-37839 49470-40623 55465-49900

**2013 MOMENTUM INDICATORS HLC 45333 41881 42963**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

At this time, the Major Quarterly Bearish Reversals are 41188, 37839, and 38242. Consequently, only a quarterly closing below 41188 will signal that an immediate downtrend could retest long-term support. The Minor Quarterly Bearish Reversal resides at 40200, with additional reversals at 41188 and 37839. Unmistakably, only a quarterly closing below 41188 will signal that an immediate downtrend should unfold thereafter.

According to our Reversal System model, the Major Quarterly Bullish Reversals stand at 50245, 51410, 53740 and 56280. Consequently, only a quarterly closing above 50245 will signal that an uptrend unfold thereafter.

### Quarterly Reversals

Major Bullish 50245 51410 53740 56280  
Major Bearish 41188 40200 38242 37839

## QUARTERLY TIMING

The key quarters for a turning points will be 10/2013, 04/2014, 10/2014 and 07/2015, which lines up with the **Economic Confidence Model**. Our Directional Change models indicate that turning points are due the quarters of 10/2012, 04/2014 and 10/2014.

### Quarterly Turning Points:

(10/2012), (04/2013), 10/2013, 04/2014, 10/2014, 07/2015

### Quarterly Indicating Ranges

#### Date Momentum Trend Long-Term

10/2012 46675-42365 47095-42565 49470-44195  
01/2013 45700-42105 46410-43075 48925-44135  
04/2013 44825-41875 46820-42005 47020-43745

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 43541 41783 42150**



## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

At this time, the Major Monthly Bearish Reversals are 39260, 38400, and 38280. Clearly, a closing **BELOW** 39260 will signal that an immediate downtrend could retest long-term support and that new historic lows would become possible. On the near-term level of our Reversal System, the Minor Monthly Bearish Reversal resides at 41350 and 40255. As a result, only a monthly closing below 41350 will signal that an immediate downtrend should unfold thereafter.

On the Reversal System, our Major Monthly Bullish Reversals stand definitively at 50185, 50245, 51625, 52975, 53630, 54780, 559.60, and 56100. As a result, only a monthly closing above 50185 will signal that an immediate uptrend should unfold thereafter. Our Minor Monthly Bullish Reversals are 43825, 44480, 46210 and 48975.

### **Monthly Reversals**

Major Bullish 50185 50245 51625 52975 53630 54780 559.60 56100  
 Minor Bullish 43825 44480 46210 48975  
 Major Bearish 39260 38400 38280  
 Minor Bearish 41350 40256



## MONTHLY TIMING

The key months for a turning points will be 01/2013, 03/2013, 05/2013, 08/2013. We also see a nearby target for November 2012.

Our Directional Change models indicate that turning points are due the months of 12/2012, 01/2013, 02/2013, 07/2013 and 08/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 03/2013.

### **Monthly Turning Points:**

(11/2012), 01/2013, (03/2013), 05/2013, (08/2013)

### **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 42425 44627

SUPPORT: 41471 40951 40881



**TABLE #1**

**Monthly Technical Projections**

10/01...	40881	40951	41471	42425	44627
11/01...	40663	40889	41380	42248	44510
12/01...	40444	40827	41289	42071	44393
01/01...	40225	40766	41198	41894	44275
02/01...	40006	40705	41107	41716	44157
03/01...	39787	40643	41016	41539	44040
04/01...	39569	40581	40925	41362	43923

**Monthly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

10/2012	43025-41875	43500-42105	43745-42365
11/2012	43115-41425	43155-42085	43525-42525
12/2012	42775-41715	42850-41910	43525-42250

**OCTOBER MOMENTUM INDICATORS HLC 42418 41503 41833**

# A TECHNICAL OUTLOOK FOR THE PHILIPPINES PSEI STOCK INDEX



Our long-term outlook for the Philippines PSEI Stock Index recognizes that the current bullish trend has been in motion since the 2002 bottom in the Economic Confidence Model. However, the broader bull market began with that start of this Private Way back in 1985. As long as this year closes **ABOVE** 439708, then it is possible that the current bullish long-term trend will continue next year (2013) where a new intraday high could still be made. In the event of new intraday highs developing beyond this year, then 2013 **MUST** close higher than 2012 in order to remain viable into 2016.

Support now begins at 441300. This is the threshold between the bull and bear market. The Yearly Bearish Reversal lies well below the market at 287489. The Projected Resistance for 2012 stands at 652777, 671816, 737436, and 936182. These projections rise to 1032145, 703165, 761323, and 1032145. Initial threshold resistance for 2012 currently stands at 490994. We need to see 2012 close **ABOVE** this level to hint that additional upside potential is possible. During 2013, this initial threshold resistance will move up to 497920.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

The Philippines PSEI Stock Index remains in an extremely strong position. As long as this market holds **ABOVE** 370518 on a closing basis, then new record highs are still possible. Our Projected Bullish Reversals for this year stand at 470766 and 473038. Thus, a yearly closing above this area will signal that this market should continue to advance to new highs. As long as this market remains below 470766 on a closing basis, then the immediate trend is perhaps neutral for the moment.

At this time, the Major Yearly Bearish Reversals are 370515 and 287490. Thereupon, only a yearly closing below 370515 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead.

### Yearly Reversals

Major Bullish 370518

Minor Bullish 470766 473038

Major Bearish 370515 287490



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in the Philippines will be 2019 and 2033.

Our Directional Change models indicate that a turning point is due the year of 2013. Our Panic Cycle Models suggest that higher volatility is due the year of 2022.

### **Yearly Turning Points:**

(2012), 2013, 2015, 2017, 2019, 2021, (2022-2023)

### **Yearly Indicating Ranges**

Date	Momentum	Trend	Long-Term
2012	186564-80439	259751-138516	337594-139536
2013	180549-51621	217276-116365	313043-172291
2014	232513-58746	278766-107532	298613-120273

**2012 MOMENTUM INDICATORS HLC 403583 274607 387243**



## QUARTERLY LEVEL

### **QUARTERLY REVERSAL SYSTEM**

At this time, the Minor Quarterly Bearish Reversals are 439885 and 371500. Obviously, only a quarterly closing below 439885 will signal that an immediate downtrend could become more pronounced in the short-term. This type of a closing would warn that we should expect further follow-through thereafter. Presently, the Major Quarterly Bearish Reversals are found at 181700, 112075 and 103405.

The Philippines remains in an extremely strong position. Our next Projected Quarterly Bullish Reversals stands at 542183 for year-end. We need to see a closing BOVE this level to suggest further upside is possible.

### **Quarterly Reversals**

Major Bullish 542183

Major Bearish 181700 112075 103405

Minor Bearish 439885 371500



## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in the Philippines will be 10/2015 and 01/2019.

### **Quarterly Turning Points:**

(10/2012), (04/2013), 10/2013, (01/2014), 10/2014

### **Quarterly Indicating Ranges**

**Date Momentum Trend Long-Term**

10/2012 379806-168475 395370-259905 439708-293862

01/2013 373026-174539 424627-204860 439886-320933

04/2013 412370-197755 435163-262621 486342-287499

## **QUARTERLY PATTERN RECOGNITION**

If this quarter closes **BELOW** 523987, then the upward momentum has been lost which implies that a temporary top is in place and a near-term retest of support should begin.

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 529303 479241 523987**



## MONTHLY LEVEL

At this time, our indications on the Monthly level in the Philippines, PSEI Stock Index are bullish on both the short-term momentum and trend according to the system model. We also find that intermediate indicators are in a bullish position. This suggests that 486340 is an important level of intermediate support level that must hold on a closing basis. Taking a broader view of the market, we find that Cyclical Strength is in a bullish position.

### **MONTHLY REVERSAL SYSTEM**

At this time, the Minor Monthly Bearish Reversals are 511655, 486342, 420744, and 345550. Thus, only a monthly closing below 511655 will signal that an immediate downtrend could retest long-term support. When we look at the Major level, our Monthly Bearish Reversals are found at 375235, 303413, and 269313. It should be noted that one key reversal appears to be very important. We see that a monthly closing beneath 375235 may signal that a serious sell-off is likely to follow thereafter.

Our Monthly Bullish Reversal stands above the market at 550900. A monthly closing above this level will signal that this market will remain strong for now.

### **Monthly Reversals**

Minor Bullish 550900

Major Bearish 511655 486342 420744 345550



## MONTHLY TIMING

Employing composite cycle analysis, the key months for a turning point in the Philippines will be 07/2014 and 10/2015.

Our Directional Change models indicate that turning points are due the months of 11/2012, 12/2012 and 01/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 04/2013.

### **Monthly Turning Points:**

(10/2012), (11/2012), (01/2013), (04/2013), (05/2013), (07/2013), (08-09/2013)



## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 570280

SUPPORT: 473460 406940 338733 280275

### **TABLE #3**

#### **Monthly Technical Projections**

10/01...	28027	33873	40694	47346	57028
11/01...	28027	33873	40694	40857	50754
12/01...	28027	33873	40694	40857	50754
01/01...	28027	33873	40694	40857	50754
02/01...	28027	33873	40694	40857	50754
03/01...	28027	33873	40694	40857	50754
04/01...	28027	33873	40694	40857	50754

#### **Monthly Indicating Ranges**

##### **Date    Momentum    Trend    Long-Term**

10/2012	471620-395370	489020-412370	501109-435163
11/2012	489920-400384	511655-423534	514617-433337
12/2012	499075-383049	511495-412930	526997-424627

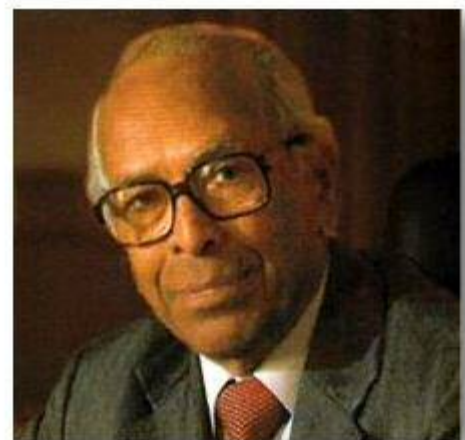
**OCTOBER MOMENTUM INDICATORS HLC 536708 512668 527544**

# A TECHNICAL OUTLOOK FOR THE SINGAPORE DOLLAR



In August 1966, on the southern tip of the Malay Peninsula, one of the fathers of Singaporean independence, Sinnathamby Rajaratnam (1915-2006), penned the city state's National Pledge that carved a new nation as the iconic Singapore independence. The atmosphere was the backdrop of the racial riots and opium dens that dominated the streets. This became a dream of building a new Singapore state.

Rajaratnam got his wish. Today, Singapore is one of the most sophisticated and multicultural places on the planet, destined to become the richest nation on earth and widely regarded as the focal point for commerce in Southeast Asia. It enjoys perhaps the cleanest city in the world glistening with skyscrapers, and flawless roads. All accomplished with a corporate tax rate of maximum 17%.



**Sinnathamby Rajaratnam**  
(1915 - 2006)

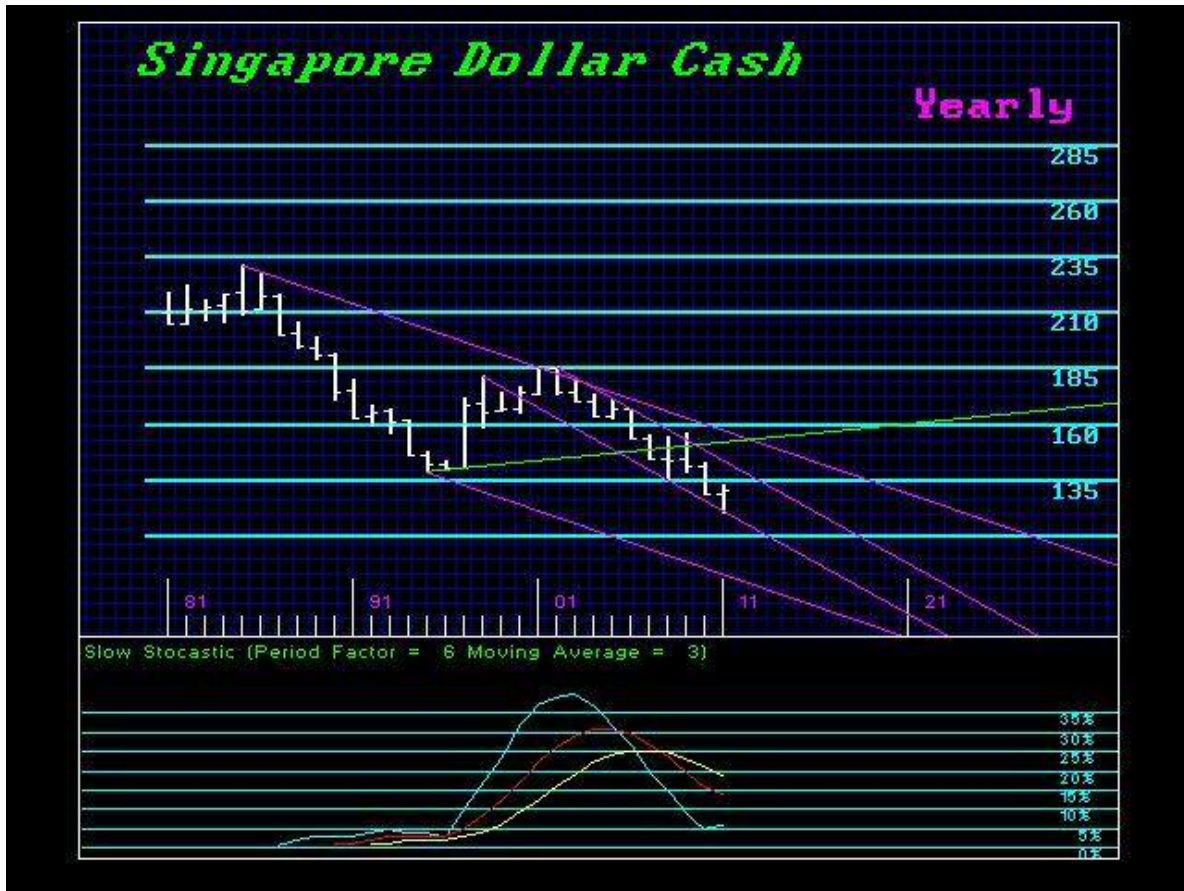
Last year, Singapore's GDP per capita was about \$57,000. In 1965, it was about \$493. On GDP per capita, it has comfortably surpassed now even Australia in wealth. The GDP per capita should reach about \$135,000 within decades. Singapore has become a major port for Southeast Asia and is rising as a leading legal services hub in the region. The Asean Free Trade Area (AFTA) is a trade bloc agreement that was signed in Singapore in 1992 by the Association of Southeast Asian Nations supports local manufacturing in all ASEAN countries that is uniting the entire region. Originally, the ASEAN bloc had six members, namely, Brunei, Indonesia, Malaysia, Philippines, Singapore and Thailand. Vietnam joined in 1995, Laos and Myanmar in 1997 and Cambodia in 1999. AFTA now comprises the ten countries of ASEAN. All the four latecomers were required to sign the AFTA agreement in order to join ASEAN, but were given longer time frames in which to meet AFTA's tariff reduction obligations.

There were five core elements:

- 1.) free flow of goods;
- 2.) free flow of services;
- 3.) free flow of investment;
- 4.) free flow of capital; and
- 5.) free flow of skilled labor.

Additionally, the single market and production base also includes two important components, namely, the priority integration sectors, and food, agriculture and forestry. Effectively, this will be a contributing factor in helping Southeast Asia rise as a viable economy to the world.

The low for the Singapore dollar against the US dollar took place in 1985 with the bottom of the Public Wave in the Economic Confidence Model. The year 2011 produced a 26 year low for the Greenback which took place the week of July 25<sup>th</sup>, 2011. So far, 2012 has produced an inside trading year leaving the 2011 low intact. Only a monthly closing ABOVE 14841 would hint that the 2011 low will hold. Otherwise, we may yet see new lows for the Greenback against the Singapore dollar in the months ahead.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

Our Yearly Bullish Reversals stand at 15472, 17058, 18150 and 23085. A yearly closing above 15472 will signal that this market should reverse and the Greenback will advance against Singapore. Until then, the Greenback may still produce new lows ahead.

We have a Minor Yearly Bearish Reversal at 13780 coming into play for year-end 2012. A closing beneath this level will signal that the Greenback may yet produce lower lows in 2013.

### Yearly Reversals

Minor Bearish 13780  
 Minor Bullish 15472 17058 18150 23085



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in Singapore Dollar will be 2014 and 2025.

Our Directional Change models indicate that turning points are due the years of 2017, 2019, 2021 and 2023. Our Panic Cycle Models suggest that higher volatility is due the year of 2015.

### **Yearly Turning Points:**

(2012), (2013), 2014, 2016, (2018), 2020-2021

### **YEARLY TECHNICAL OUTLOOK**

RESISTANCE: 15110 15446

SUPPORT: 11583

**TABLE #1**

**Yearly Technical Projections**

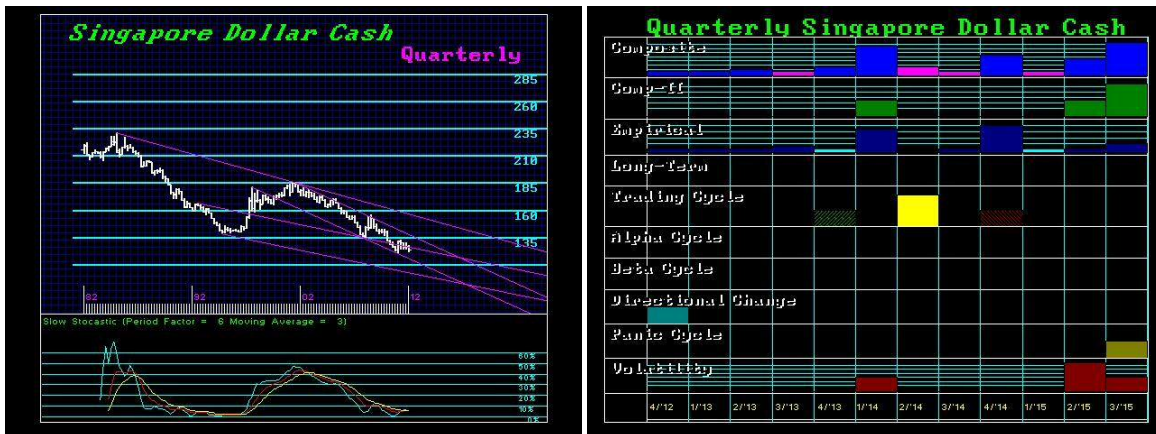
2012...	11583	15110	15446
2013...	11113	15185	15163
2014...	10644	15260	14880
2015...	10175	15335	14597
2016...	9706	15410	14314
2017...	9237	15485	14031
2018...	8768	15560	13748

**Yearly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

2012	16520-13782	17385-14361	21140-15472
2013	16484-12798	17620-13459	19961-14239
2014	17260-11998	18558-13195	19380-13782

**2012 MOMENTUM INDICATORS HLC 14336 12859 13284**



**QUARTERLY LEVEL**

**QUARTERLY REVERSAL SYSTEM**

Our Reversal System that the Minor Quarterly Bullish Reversals stand at 14030, 14240, 14540, and 16930. The Major Quarterly Bullish Reversals are overhead at 15435, 15475, 16885 and 18560. Our Minor Quarterly Bearish Reversal will be found at 11998. A quarterly closing BELOW this will signal new lows for the Greenback ahead.

### **Quarterly Reversals**

Major Bullish 15435 15475 16885 18560

Minor Bullish 14030 14240 14540 16930

Major Bullish 15433 15472 16883 17303 17662 17835 18558

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in Singapore Dollar will be 10/2014 and 04/2021.

Our Directional Change models indicate that a turning point is due the quarter of 10/2012. Our Panic Cycle Models suggest that higher volatility is due the quarter of 07/2015.

### **Quarterly Turning Points:**

(10/2012), 04/2013, (07/2013), 01/2014, (07/2014), 10/2014, 07/2015

### **QUARTERLY TECHNICAL OUTLOOK**

RESISTANCE: 12542 15571

SUPPORT: 11417

#### TABLE #2

### **Quarterly Technical Projections**

10/2012... 11417 12542 15571

01/2013... 11303 12490 15502

04/2013... 11189 12439 15433

07/2013... 11074 12387 15364

10/2013... 10960 12335 15295

01/2014... 10846 12284 15226

04/2014... 10732 12232 15157

### **Quarterly Indicating Ranges**

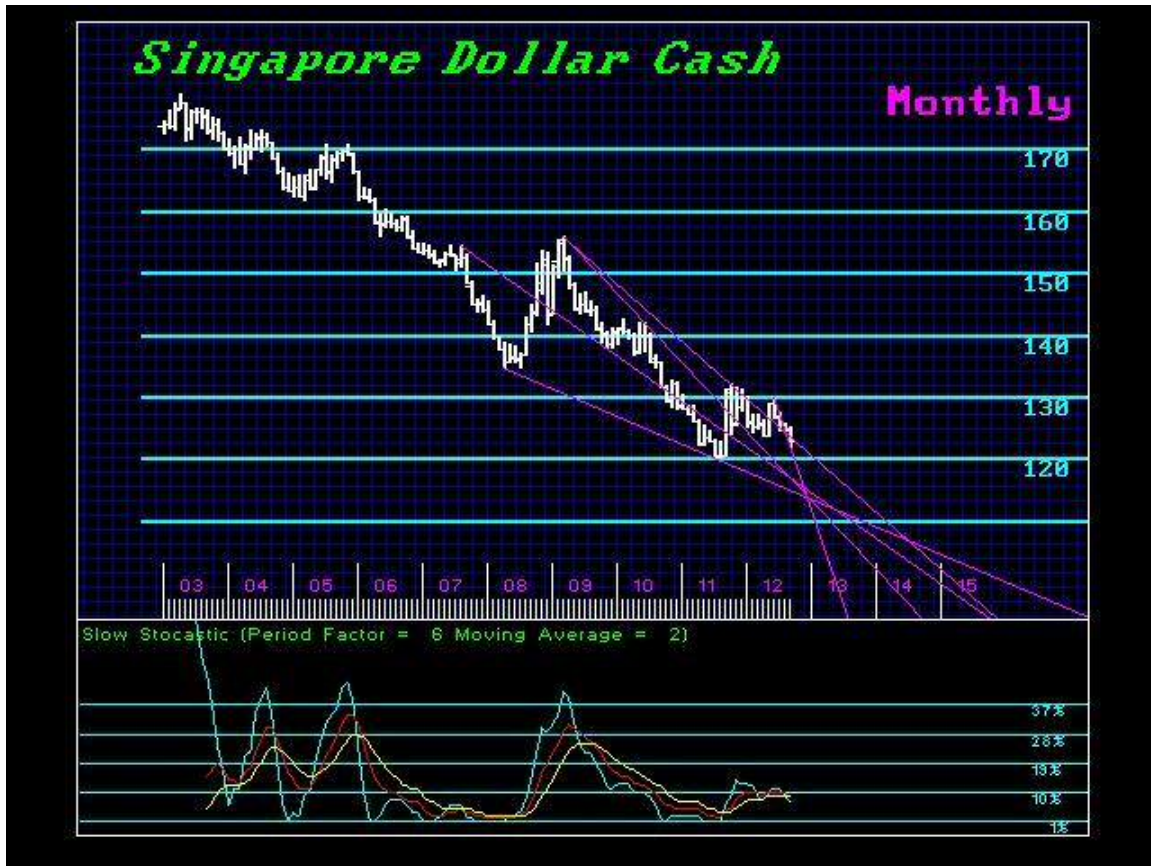
#### **Date Momentum Trend Long-Term**

10/2012 14076-11998 14680-12416 15600-12990

01/2013 13782-12354 14184-12402 15664-12967

04/2013 13852-12180 14239-12416 15327-12744

### **4TH QUARTER 2012 MOMENTUM INDICATORS HLC 12900 12316 12499**



## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

Utilizing the Reversal System, we find that the Minor Monthly Bearish Reversals are found at 12220 and 11995. Consequently, only a monthly closing below 12220 will signal that a sell-off is likely to continue from here in the short-term.

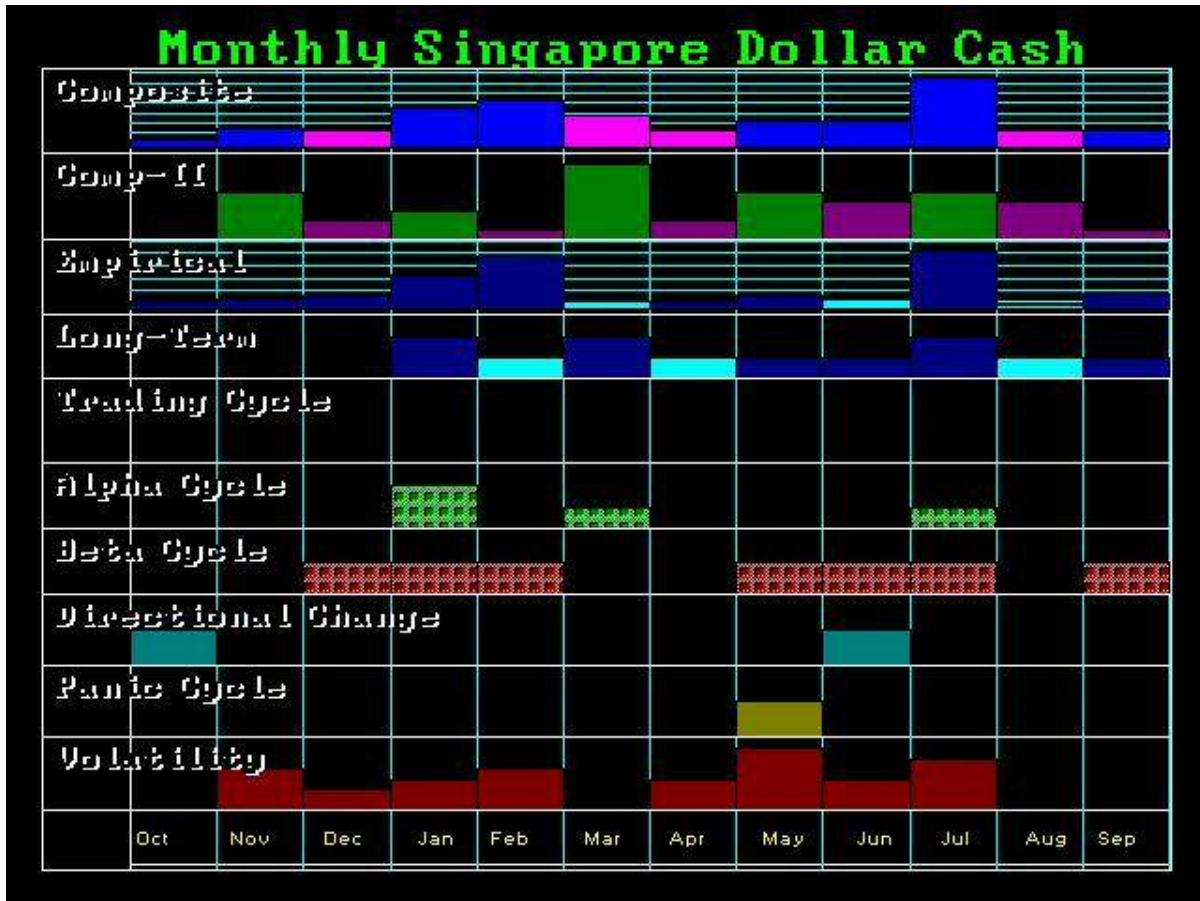
According to our Reversal System model, the Minor Monthly Bullish Reversals stand at 14195 and 14842. The Major Monthly Bullish Reversals stand at 14529, 14643, 15153, 15286, and 16380.

### **Monthly Reversals**

Major Bullish 14529 14643 15153 15286 16380

Minor Bearish 12220 11995





## MONTHLY TIMING

Employing composite cycle analysis, the key months for a turning point in Singapore Dollar will be 09/2013 and 12/2014.

Our Directional Change models indicate that turning points are due the months of 10/2012 and 06/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 05/2013.

### **Monthly Turning Points:**

(10/2012), 11/2012, (01-02/2013), (03-04/2013), 07/2013, (09/2013)

### **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 12273

SUPPORT: 11918 11642 11611 11431

**TABLE #3**

**Monthly Technical Projections**

10/01...	11431	11611	11642	11918	12273
11/01...	11394	11519	11581	11655	12197
12/01...	11356	11427	11520	11393	12120
01/01...	11318	11335	11458	11131	12043
02/01...	11280	11243	11397	10868	11966
03/01...	11243	11150	11336	10606	11889
04/01...	11205	11058	11275	10344	11812

**Monthly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

10/2012	12897-12027	13130-12354	13463-12435
11/2012	12967-12402	13137-12405	13195-12552
12/2012	12744-12180	12898-12435	13145-12495

**OCTOBER MOMENTUM INDICATORS HLC 12597 12340 12392**

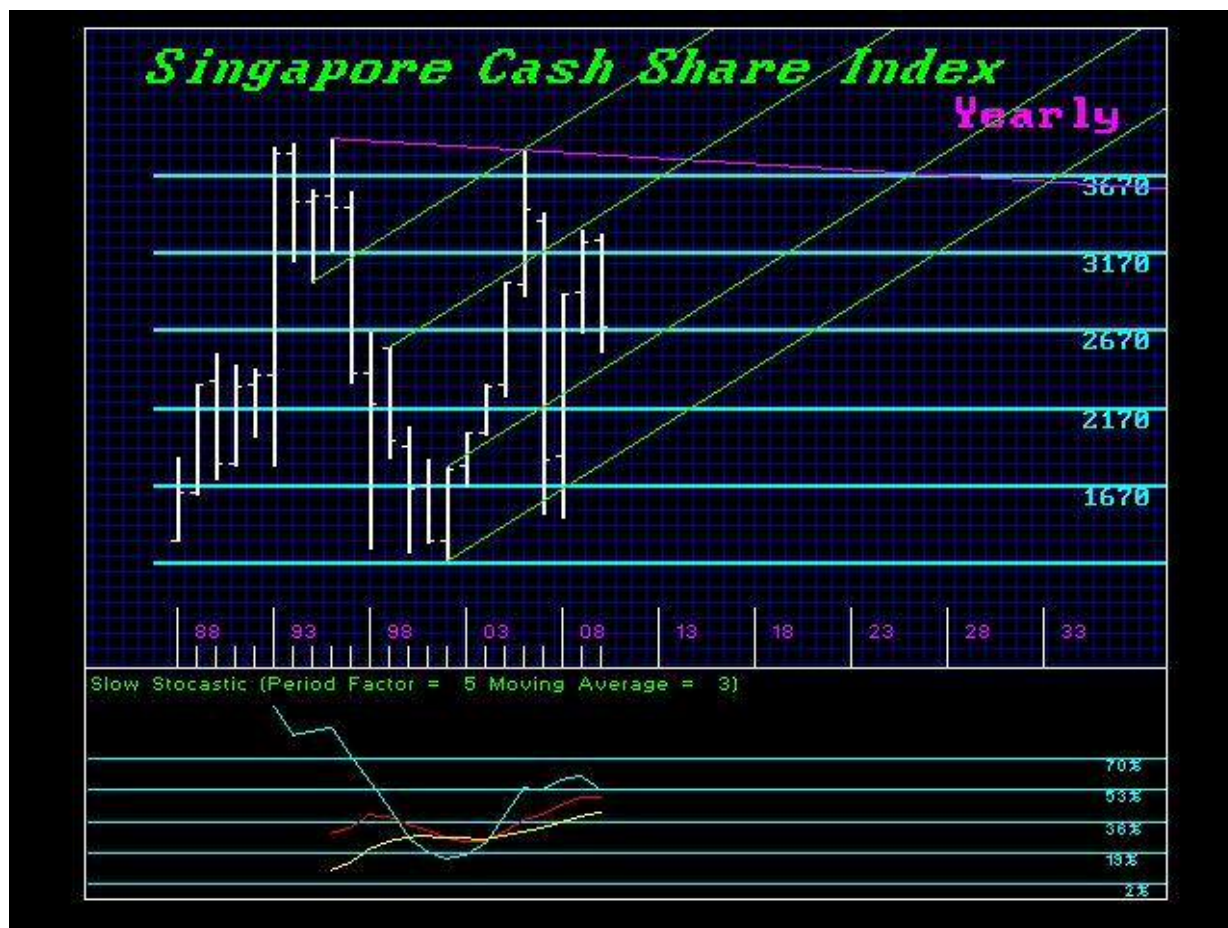
# A TECHNICAL OUTLOOK FOR THE SINGAPORE STRAITS TIMES SHARE INDEX



Our long-term outlook Singapore Straits Times share Index recognizes that so far in 2012, we have had a dull inside trading year. We have in a broad sense a near double top with the 2007 rally coming closing to the high of 1996 just before the Asian Currency Crisis of 1997. Despite the economic development, stability, and advancement, Singapore has not yet rallied above the pre-1997 Crisis levels.

The Yearly Bullish Reversals are 355725 and 387585. These two Reversals have been providing critical annual closing resistance. Our Minor Yearly Bullish Reversal stands at 341650. The Yearly Bearish Reversals are well below the market starting at 169900 followed by 160890.

There appears to be high volatility in 2015-2016 lining up with the top of the **Economic Confidence Model**. There are Directional Changes back-to-back in 2013 and 2014. The turning points appear to be shaping up as 2014, 2016, and 2020. All of these are lining up with the **Economic Confidence Model**. This is suggesting that Singapore is still a magnet for international capital. A high going into 2015.75 should be viewed with extreme caution especially if this breaks above the 1996 high.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

Our Yearly Bullish Reversals stand at 355725 and 387585. A yearly closing above 355725 will signal that this market should continue to advance to new recent highs. However, as long as this market remains below 355725 on a yearly closing basis, then the immediate trend must be considered as neutral and any close beneath a Bearish Reversal would imply that at least a temporary high is in place for now and that a retest of key support is likely to develop. Our Minor Yearly Bullish Reversal stands at 341650.

Looking at the Reversal System, the Minor Yearly Bearish Reversals are found at 169900, 160890, 147375, 129275, 124910 and 117085. Thus, only a yearly closing below 169900 will signal that a downtrend is likely to continue from here.

### Yearly Reversals

Minor Bullish 341650 355725 387585

Minor Bearish 169900 160890 147375 129275 124910 117085



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in the Singapore Share Index will be 2016 and 2041.

Our Directional Change models indicate that turning points are due the years of 2013 and 2014. Our Panic Cycle Models suggest that higher volatility is due the year of 2016.

### **Yearly Turning Points:**

(2012), 2014, 2016, (2017), (2019), 2020, (2022-2023)

### **Yearly Indicating Ranges**

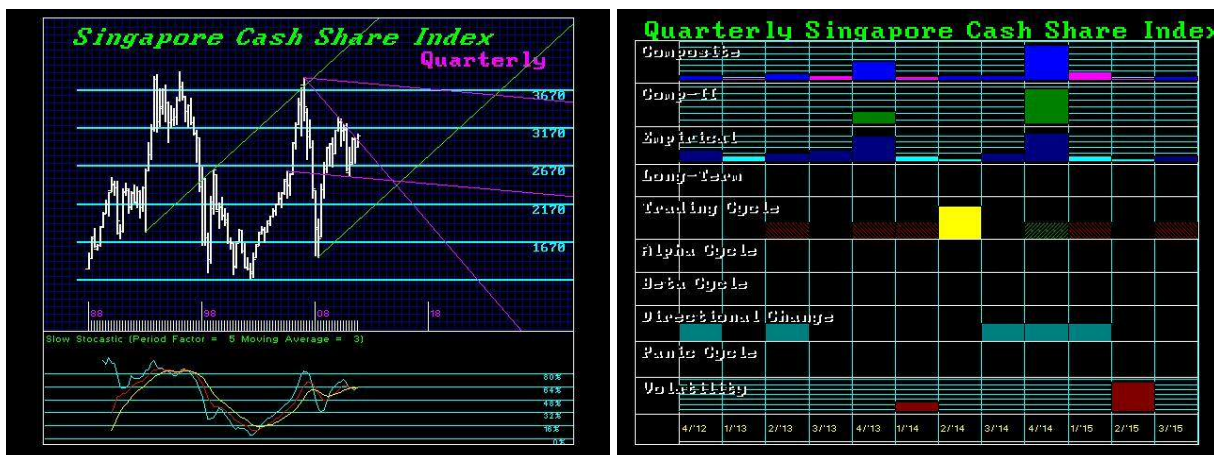
**Date    Momentum    Trend    Long-Term**

2012 341648-147377 357094-165210 200291-0

2013 231746-145547 289762-160892 317664-199256

2014 264815-169915 297418-224354 331361-232074

**2012 MOMENTUM INDICATORS HLC 316400 220852 293956**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

Our Major Quarterly Bullish Reversals stand at 323580 and 341650. Our Minor Quarterly Bullish Reversals are 331365 and 383120. A quarterly closing above 323580 will signal that this market should continue to advance to new recent highs.

Utilizing the Reversal System, we find that the Minor Quarterly Bearish Reversals are found at 257682, 254855, 199255, and 147375. Our Major Quarterly Bearish Reversals are 145195 and 132045.

### Quarterly Reversals

Major Bullish 323580 and 341650

Minor Bullish 331365 383120

Major Bearish 145195 132045

Minor Bearish 257682 254855 199255 147375

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in the Singapore Share Index will be 10/2016 and 07/2019.

Our Directional Change models indicate that turning points are due the quarters of 10/2012, 04/2013, 07/2014, 10/2014 and 01/2015.

### Quarterly Turning Points:

(10/2012), 01/2013, 10/2013, (04/2014), (10/2014), 04/2015

## Quarterly Indicating Ranges

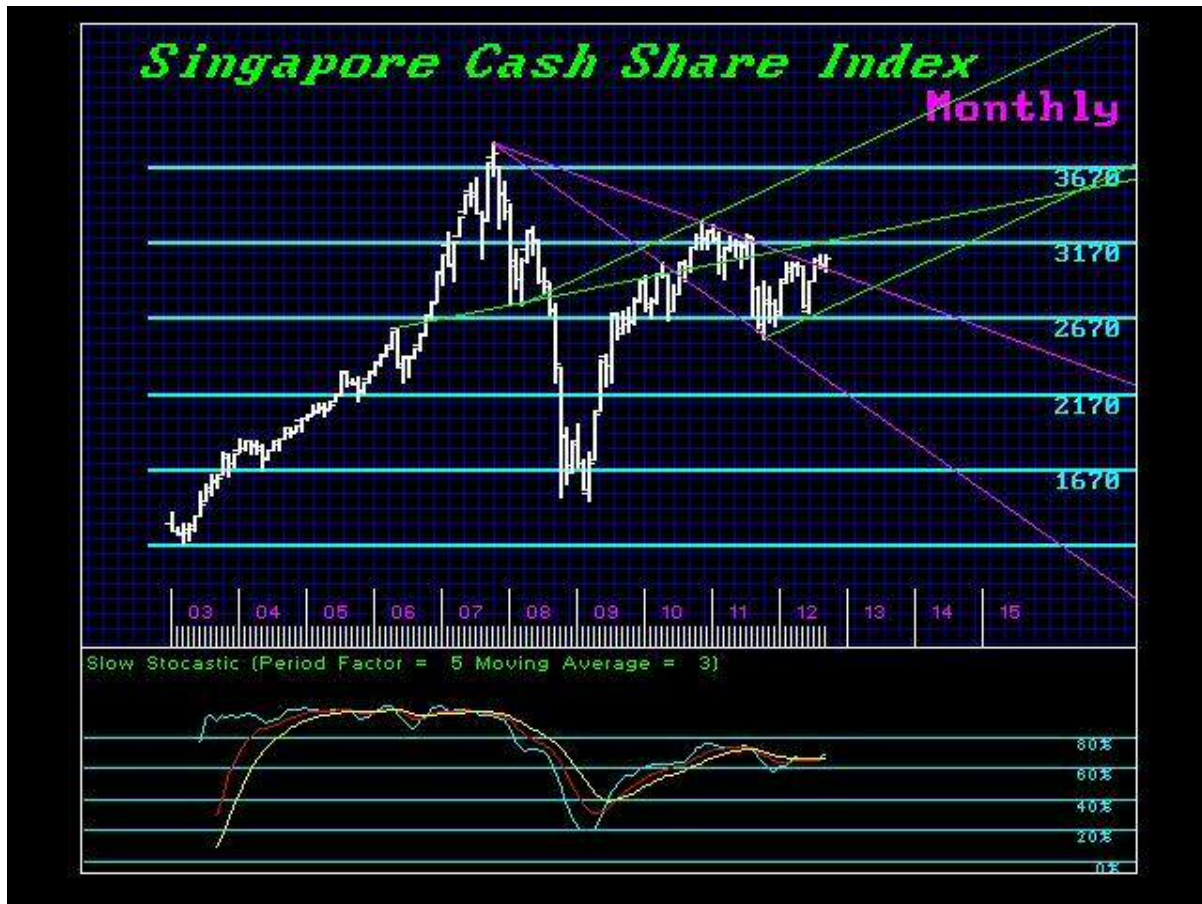
**Date    Momentum    Trend    Long-Term**

10/2012 290572-147377 311862-233601 323579-252195

01/2013 303578-145547 320654-195995 328077-268315

04/2013 303315-173033 306459-242452 320834-269890

## 4TH QUARTER 2012 MOMENTUM INDICATORS HLC 305246 276379 299484



## MONTHLY LEVEL

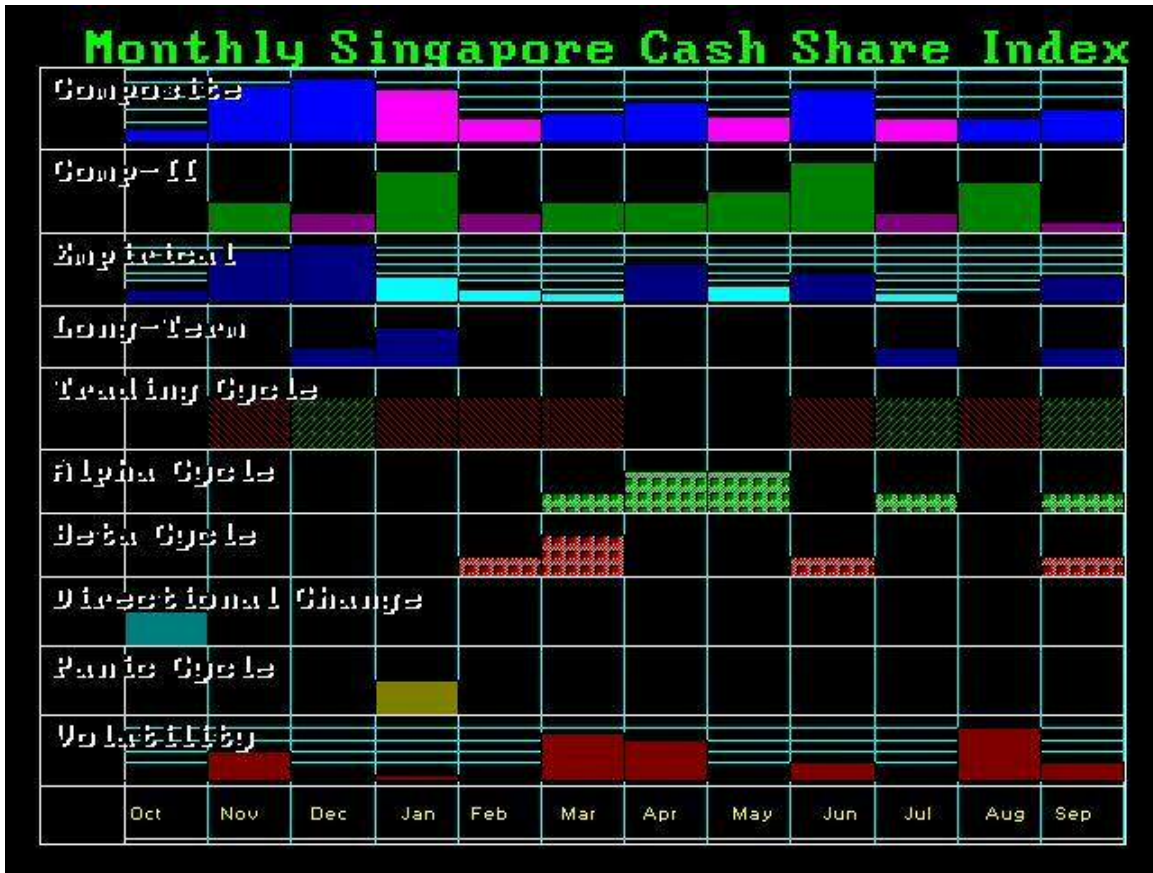
### MONTHLY REVERSAL SYSTEM

According to our Reversal System, the Minor Monthly Bearish Reversals are found 256010, 252135, 223545, 204610 and 163865. The Major Monthly Bearish Reversals are 148610, 125390, and 123200.

Our Major Monthly Bullish Reversals stand above the market at 333675, 383120, and 360155. The Minor Monthly Bullish Reversals are 318155 and 328080.

**Monthly Reversals**

Major Bullish 333675 383120 360155  
 Minor Bullish 318155 328080  
 Minor Bearish 56010 252135 223545 204610 163865  
 Minor Bearish 148610 125390 123200



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in the Singapore Share Index will be 08/2013 and 03/2014.

Our Directional Change models indicate that a turning point is due the month of 10/2012. Our Panic Cycle Models suggest that higher volatility is due the month of 01/2013.

**Monthly Turning Points:**

(10/2012), 12/2012, (01/2013), (03/2013), 04/2013, 06/2013, (08-09/2013)



## **MONTHLY TECHNICAL OUTLOOK**

SUPPORT: 299187 298593 241905 224475

### **TABLE #3**

#### **Monthly Technical Projections**

10/01...	22447	24190	29859	29918
11/01...	22183	24190	29859	29778
12/01...	21918	24190	29859	29638
01/01...	21654	24190	29859	29499
02/01...	21389	24190	29859	29359
03/01...	21125	24190	29859	29219
04/01...	20861	24190	29859	29079

#### **Monthly Indicating Ranges**

##### **Date    Momentum    Trend    Long-Term**

10/2012	303145-269890	311862-290104	316207-291336
11/2012	305671-290658	312107-290933	322728-303578
12/2012	308845-268083	317778-294629	320374-300476

## **MONTHLY PATTERN RECOGNITION**

If this month closes below 304205, then the upward momentum has been lost which implies that a temporary top is in place and a near-term retest of support should begin.

**OCTOBER MOMENTUM INDICATORS HLC 307723 296391 304205**