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# Asian Outlook



# 2013-2014



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# Table of Contents

Asia – The Coming New Financial Capital of the World .....	5
Australia	
Australian Dollar .....	50
Australian All Ordinaries Share Index .....	59
China	
Chinese Yuan (RNB) .....	68
Shanghai Share Index .....	76
Shenzhen Share Index .....	84
Hong Kong	
Hong Kong Dollar .....	92
Hang Sang Share Index .....	100
India	
Indian Rupee .....	112
Indian Share Market .....	119
Indonesia	
Indonesian Rupiah .....	126
Indonesia Share Market Index .....	131
Japan	
Japanese Yen .....	139
Japanese Nikkei 225 Share Index .....	149

Malaysia	
Malaysian Ringgit .....	179
Malaysian Share Market Index .....	187
New Zealand	
New Zealand Dollar .....	195
New Zealand All Ordinaries Share Index .....	203
Philippines	
Philippine Peso .....	210
Philippine Share Market Index .....	217
Singapore	
Singapore Dollar .....	225
Singapore Share Index .....	234
South Korea	
South Korean Yuan .....	257
South Korean Share Market Index .....	264
Taiwan	
Taiwan Dollar .....	271
Taiwan Share Index .....	279
Thailand	
Thai Baht .....	286
Thailand SET Share Index .....	295
Vietnam	
Vietnam VINDEX Share Index .....	303

## A TECHNICAL OUTLOOK FOR THE SOUTH KOREAN WON



The South Korean Won has continued to remain strong and the US Dollar has been unable to exceed the high of 1997 pre-Asian Currency Crisis. Nevertheless, there are three Yearly Bearish Reversals at 7924, 7905, and 7635 that have all held during the subsequent decline in the US dollar against the Won. Our long-term outlook takes into account that in Dollar/South Korean Won that there are Minor Yearly Bearish Reversals that need to be watched at the 10345 and 9144 levels. The Greenback declined for 10 years into 2007 from the 1997 high.

While we have a Directional Change in 2015, this currency is lining up with the Economic Confidence Model in 2015 followed by turning points in 2017 and 2021. Of course North Korea remains a threat to regional peace as the world remains uncertain about the positions of Kim Jong Un. On August 15<sup>th</sup>, 2012, Japan recalled its ambassador to South Korea after its President made a visit to disputed islands in the Sea of Japan, which are rocky outcrops known as Dokdo in Korea and Takeshima in Japan. The islands are believed to contain major natural resources that both nations claim. Nevertheless, all the US rating agencies have upgraded the sovereign debt of South Korea, which is again in stark contrast to the conditions underway in Europe. Most of this is based upon the view that the North Korean Democratic People's Republic of Korea (DPRK) will remain stable at least for the next 3 to 5 years.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

At this time, the Major Yearly Bearish Reversals are 8455, 7922, 7905 and 7635. Thereupon, only a yearly closing below 8455 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead. On the near-term level of our Reversal System, the Minor Yearly Bearish Reversals are found at 10345, 9140 and 7585, with additional reversals at 7755 and 6870. Consequently, only a yearly closing below 9140 will signal that a sell-off is likely to continue from here in the short-term. Nonetheless, only a close below 9140 will suggest a reversal in long-term trend.

Looking at our Reversal System, we show that the Major Yearly Bullish Reversals stand at 12635 and 13675. Therefore, a yearly closing above 12635 will signal that a immediate uptrend should unfold thereafter.

### Yearly Reversals

Major Bullish 12635 13675

Major Bearish 8455 7922 7905 7635

Minor Bearish 10345 9140 7755 7585 7755 6870



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in South Korean Won will be 2013 and 2033.

Our Directional Change models indicate that turning points are due the years of 2013 and 2023.

### **Yearly Turning Points:**

(2012), (2014), 2015, (2017), (2019), 2021

### **Yearly Indicating Ranges**

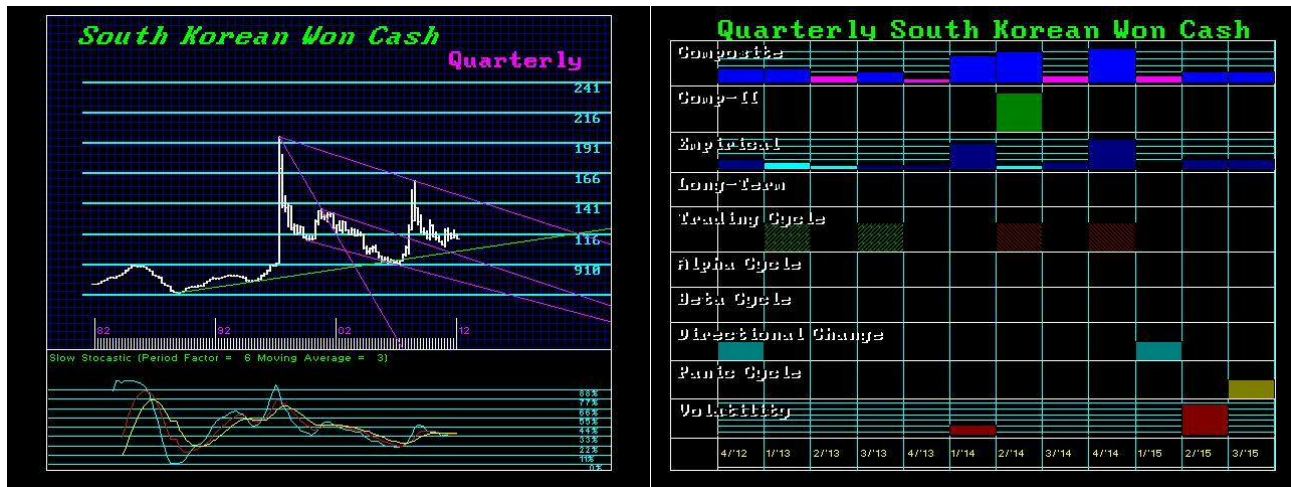
#### **Date Momentum Trend Long-Term**

2012 11240-8652 11500-8938 12430-9028

2013 11037-7958 12740-8652 12742-9350

2014 12077-6873 12325-7955 13675-10489

### **2012 MOMENTUM INDICATORS HLC 13584 11008 11481**



## QUARTERLY LEVEL

### **QUARTERLY REVERSAL SYSTEM**

At this time, the Major Quarterly Bearish Reversals are 9140, 8455, 8060, 8010 and 7225. As a result, only a quarterly closing below 9140 will signal that a immediate downtrend could retest long-term support. On a short-term basis, our Minor Quarterly Bearish Reversals are found at 10070, 9709 and 9025. Therefore, a quarterly closing below 9709 will signal that a sell-off is likely to continue from here in the short-term.

According to our Reversal System model, the Major Quarterly Bullish Reversals stand at 13900 and 14020. Our Minor Quarterly Bullish Reversals are 12330 and 12745.

### **Quarterly Reversals**

Major Bullish 13900 14020

Minor Bullish 12330 12745

Major Bearish 9140 8455 8060 8010 7225

Minor Bearish 10070 9709 9025

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in South Korean Won will be 12/2013 and 07/2015.

Our Directional Change models indicate that turning points are due the quarters of 10/2012 and 01/2015. Our Panic Cycle Models suggest that higher volatility is due the quarter of 07/2015.

### **Quarterly Turning Points:**

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

## Quarterly Indicating Ranges

**Date    Momentum    Trend    Long-Term**

10/2012 11655-9273 11670-9703 11980-10489

01/2013 11500-9409 11859-9664 12044-11006

04/2013 11184-9144 11566-9634 11655-11111

## 4TH QUARTER 2012 MOMENTUM INDICATORS HLC 11693 11153 11270



## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

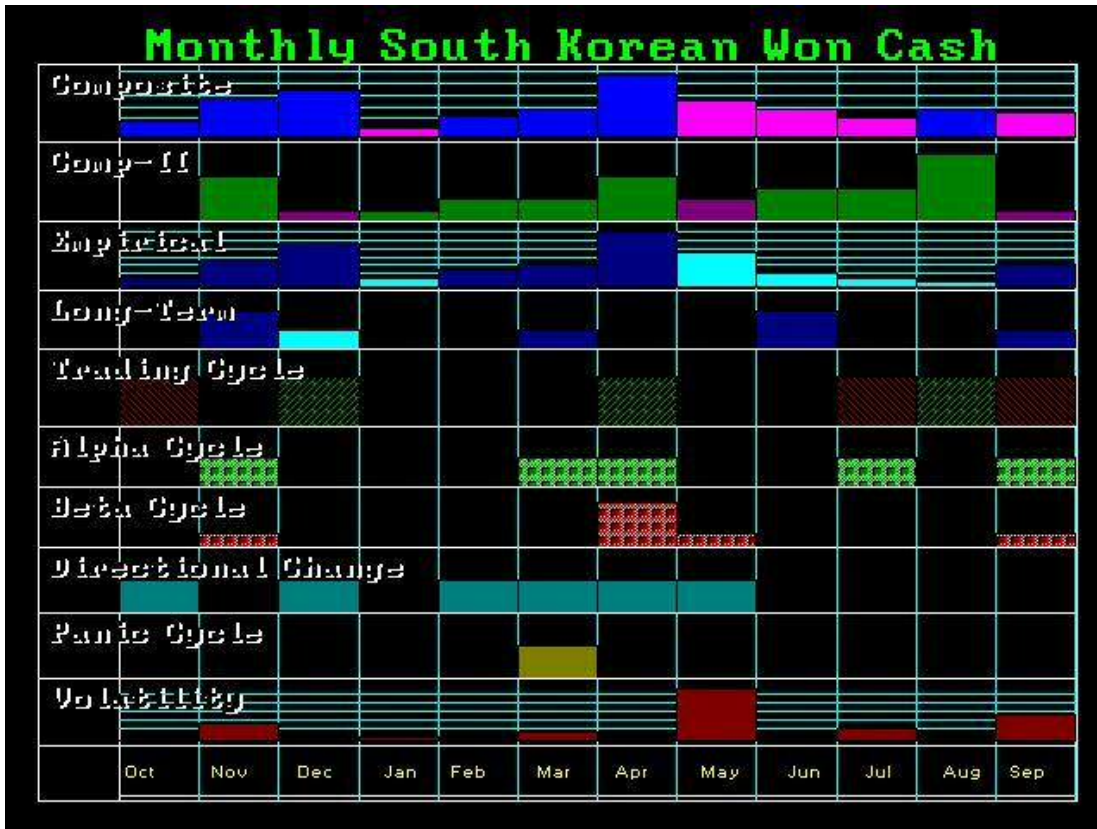
At this time, the Major Monthly Bearish Reversals are 10325, 9350, and 9142. The Minor Monthly Bearish Reversals are 10645 and 10488.

Our Reversal System that the Major Monthly Bullish Reversals exist at 12708 and 12920 followed by 15918. Accordingly, only a monthly closing above 12708 will signal that an immediate uptrend should unfold thereafter.



**Monthly Reversals**

Major Bullish 12708 12920  
 Major Bearish 10325 9350 9142  
 Minor Bearish 10645 10488



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in South Korean Won will be 12/2013 and 04/2015.

Our Directional Change models indicate that turning points are due the months of 10/2012, 12/2012, 02/2013, 03/2013, 04/2013 and 05/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 03/2013.

**Monthly Turning Points:**

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

## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 11608

SUPPORT: 10631 10460 9941

### **TABLE #2**

#### **Monthly Technical Projections**

10/01...	9941	10460	10631	11608
11/01...	9904	10458	10510	11568
12/01...	9868	10456	10390	11529
01/01...	9831	10454	10269	11490
02/01...	9795	10452	10149	11451
03/01...	9758	10450	10028	11412
04/01...	9722	10449	9907	11373

#### **Monthly Indicating Ranges**

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

10/2012	11568-10608	11859-11259	11980-11259
11/2012	11408-11006	11828-11248	11840-11305
12/2012	11364-11084	11409-11103	11566-11111

**OCTOBER MOMENTUM INDICATORS HLC 11434 11206 11234**

# A TECHNICAL OUTLOOK FOR THE SOUTH KOREAN SEOUL COMPOSITE SHARE INDEX



Our long-term view in the South Korean Seoul Composite Share Index actually bottomed with the peak in the last peak in the Economic Confidence Model Public Wave 1981.35. This Index bottomed at 9310 on January 6<sup>th</sup>, 1981. So far, 2012 has been an inside trading year leaving 2011 as a 30 year high. The Yearly Bearish Reversals are 164410 and 119208. A closing **BELOW** 16410 will shift this index into a neutral to bearish mode. The Monthly Bearish Reversal to watch lies at 171685. Resistance in this index during 2012 will be found at the 20700-208600 range. Support rests under the market at 172300-153200. These levels will remain consistent for 2013 as well.

Our Directional Change targets are 2013 and 2016. Turning points appear to be 2012, 2016-2017, 2020, and 2022. A Panic Cycle is due 2020. Volatility will rise 2015 to 2017. We must be on guard against a change in trend in 2013. A closing for 2012 below 207000 will warn that this Index is starting to turn neutral. This means there can be a decline in 2013.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

The South Korean Seoul Composite Share Index remains vulnerable to a change in trend after 30 years. The Minor Yearly Bearish Reversals lie at 119200, 84020, and 51230. The Major Yearly Bearish Reversals lie at 57910, 51330, and 48975. As long as this market holds **ABOVE** 164411 on an annual closing basis, then the trend has not yet shifted.

Our Projected Yearly Bullish Reversals for this year stand at 208550, 226797 and 229534. Thereupon, a yearly closing **ABOVE** 208550 will signal that a rally into a 34 year high is possible bringing us into 2015 with the top of the Economic Confidence Model.

### Yearly Reversals

Minor Bullish 208550 226797 229534

Major Bearish 57910 51330 48975

Minor Bullish 16410 119200 84020 51230



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in the Korea Cash Stock Index will be 2014 and 2031.

Our Directional Change models indicate that turning points are due the years of 2013 and 2016. Our Panic Cycle Models suggest that higher volatility is due the year of 2020.

### **Yearly Turning Points:**

(2012), (2013), (2016), 2017, (2019), 2020, (2021)

### **Yearly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

2012  93952-63541 99207-71399 101575-84295

2013  93324-33894 99269-55998 138927-79954

2014  119209-27737 146470-57911 153268-59932

**2012 MOMENTUM INDICATORS HLC 200824 138982 185974**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

At this time, the Major Quarterly Bearish Reversals are 101485, 68065, and 49310. Thereupon, a quarterly closing below 101485 will signal that an immediate change in trend is underway to retest long-term support. For now, our Minor Quarterly Bearish Reversals are found at 153265, 145255, and 124990. It should be noted that one key reversal appears to be very important. We see that a quarterly closing beneath 101485 may signal that a serious sell-off is likely to follow thereafter.

Our Reversal System that the Major Quarterly Bullish Reversal is standing at 219285. Consequently, only a quarterly closing above 219285 will signal that an immediate uptrend should unfold thereafter.

### Quarterly Reversals

Major Bullish 219285

Major Bearish 101485 68065 49310

Minor Bearish 153265 145255 124990 101485

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in the Korea Cash Stock Index will be 04/2014 and 10/2017.

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

### Quarterly Turning Points:

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

## Quarterly Indicating Ranges

**Date    Momentum    Trend    Long-Term**

10/2012 165806-89216 183708-134508 196374-145868

01/2013 181384-99269 188209-125670 205728-145256

04/2013 200884-124994 201548-143776 205180-162687

## 4TH QUARTER 2012 MOMENTUM INDICATORS HLC 204060 178210 195905



## MONTHLY LEVEL

### MONTHLY REVERSAL SYSTEM

At this time, the Major Monthly Bearish Reversals are 83800 and 71695. Accordingly, a monthly closing below 83800 will signal that a serious change in trend. Our model suggests that the Minor Monthly Bearish Reversals are found at 171685, 165805, 160895, 157995, 131520 and 108571. It should be noted that one key reversal appears to be very important. We see that a monthly closing beneath 171685 may signal that a serious sell-off is likely to follow thereafter.

In addition, our Minor Monthly Bullish Reversals stand at 212107 and 222805.

**Monthly Reversals**

Minor Bullish 212107 222805

Major Bearish 83800 71695

Minor Bearish 171685 165805 160895 157995 131520 108571



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in the Korea Cash Stock Index will be 01/2013 and 04/2016.

Our Directional Change models indicate that turning points are due the months of 10/2012, 01/2013, 04/2013 and 05/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 03/2013.

**Monthly Turning Points:**

(10/2012), 11/2012, 01/2013, 03/2013, (04/2013), 05/2013, (07/2013), (09/2013)



## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 255404  
SUPPORT: 139549 38631

### **TABLE #1**

#### **Monthly Technical Projections**

10/01...	229405	173465	185725	192876	155720
11/01...	229753	274161	187735	191115	155052
12/01...	230100	174858	189746	189354	154383
01/01...	230448	175554	191757	187594	153715
02/01...	230796	176250	193767	185834	153046
03/01...	231143	176947	195778	184073	152377
04/01...	231491	177643	197788	182312	151709

#### **Monthly Indicating Ranges**

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

10/2012	197646-177685	200884-187534	204743-190819
11/2012	205728-175899	207009-189683	210524-194023
12/2012	205180-168468	205967-184387	212106-195401

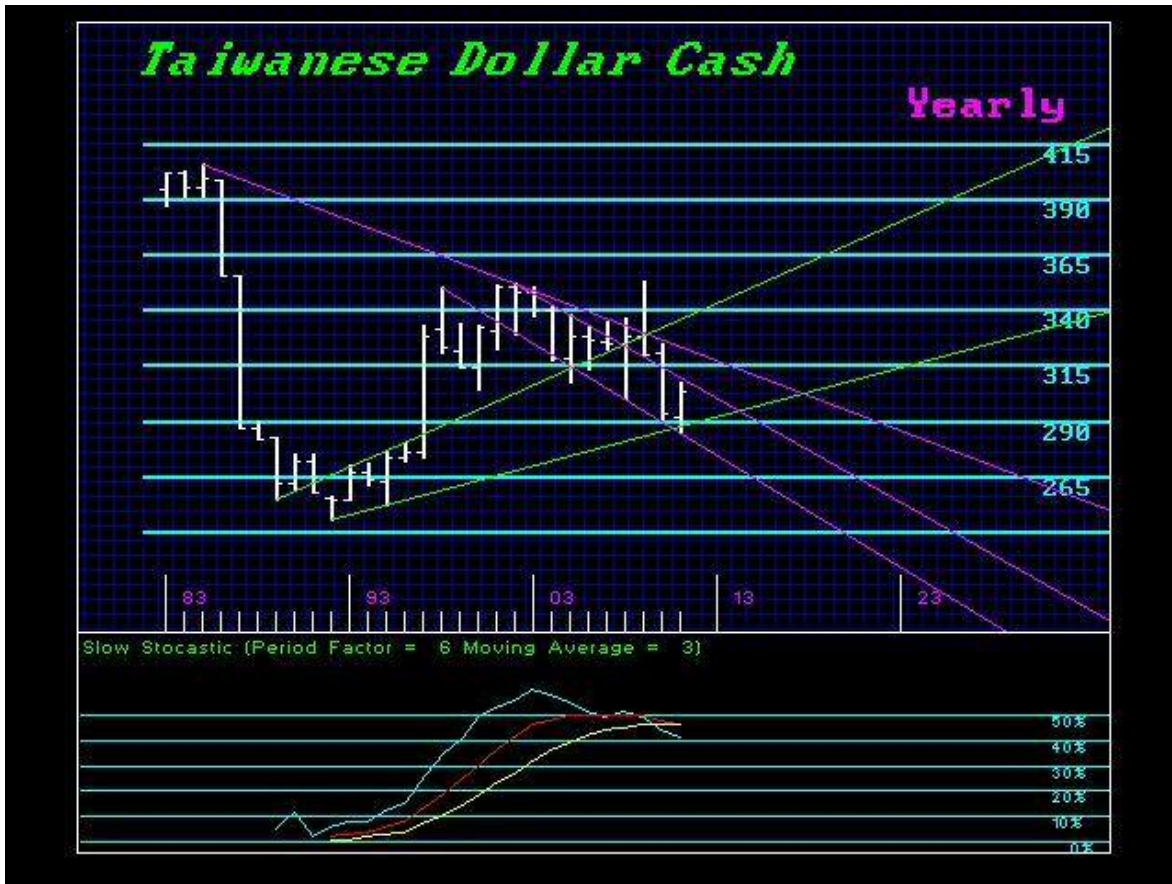
**OCTOBER MOMENTUM INDICATORS HLC 195788 182545 192961**

## A TECHNICAL OUTLOOK FOR THE TAIWANESE DOLLAR



The high in the US dollar against the Taiwanese dollar took place in 1985 with the bottom of the Economic Confidence Model. The US Greenback declined thereafter for 7 years establishing a low in 1992 at 24507 after falling from 40600. Thereafter, the Greenback rallied for 10 years intraday reaching a high in 2002 agains with the Economic Confidence Model. The highest yearly closing, however, took place the previous year in 2001 at 35000.

Our long-term outlook recognizes that the current bullish trend in Taiwanese Dollar may reach a final conclusion during 2013. There has been one Minor Yearly Bearish Reversal elected finally at the close of 2010. That has seen instant follow-through into 2011. So far, 2012 has been an inside trading year. The Yearly Bearish Reversal to watch is 27150. An annual closing below this level will signal a further decline in the Greenback.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

Our Minor Yearly Bearish Reversals reside at 28600, 28130, 27150, 25400 and 25170. Hence, only a yearly closing below 25170 will signal that a sell-off is likely to continue from here in the short-term since this is a **DOUBLE YEARLY BEARISH REVERSAL**.

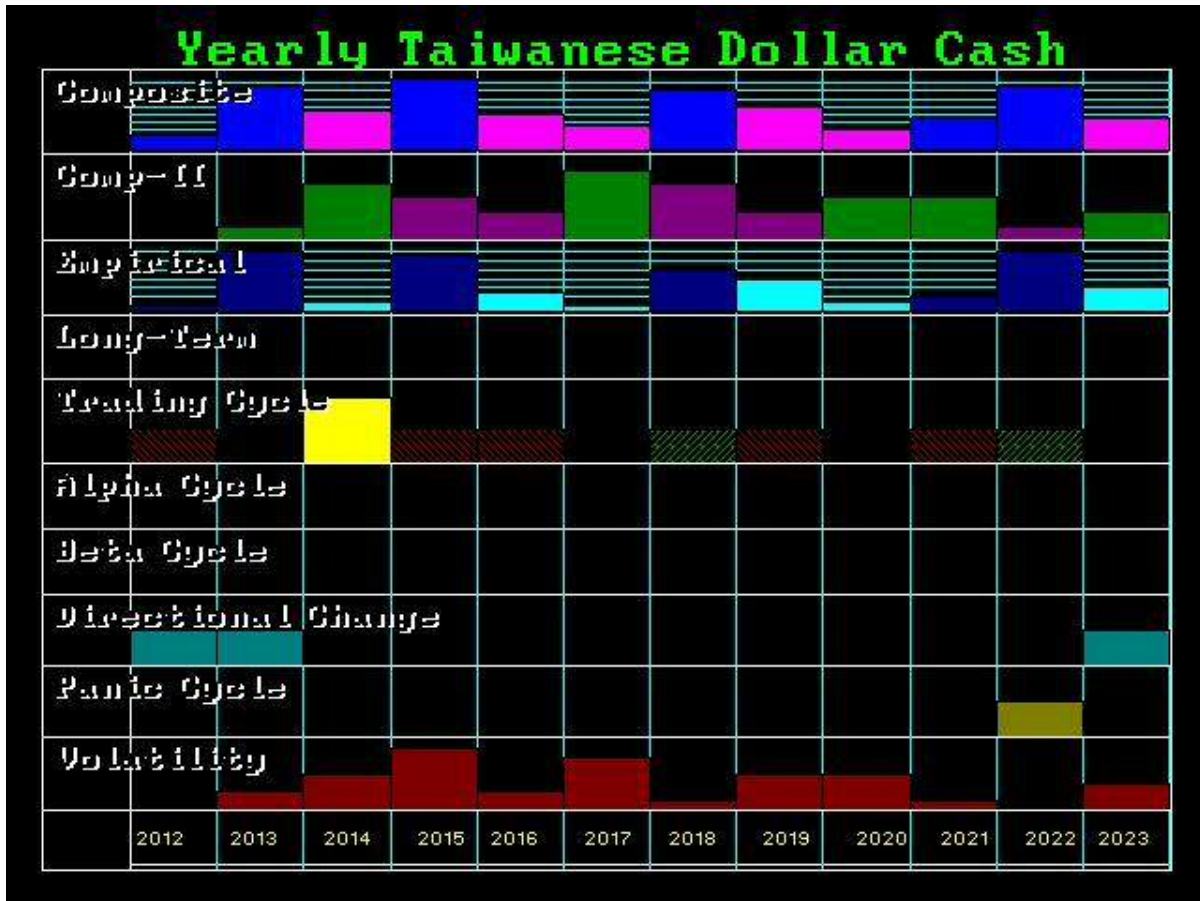
Our Major Yearly Bullish Reversals stand at 35510 and 40260. Our Minor Yearly Bullish Reversals will be found at 33635, 33795, 35000 and 40600. A yearly closing above 33635 will signal that this market should continue to advance to new recent highs.

### Yearly Reversals

Major Bullish 35510 40260

Minor Bullish 33635 33795 35000 40600

Minor Bearish 28600 28130 27150 25400 25170



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in Taiwanese Dollar will be 2017 and 2023.

Our Directional Change models indicate that turning points are due the years of 2012, 2013 and 2023. Our Panic Cycle Models suggest that higher volatility is due the year of 2022.

### **Yearly Turning Points:**

(2012), 2013, 2015, (2017), 2018, (2020), 2022

## **YEARLY TECHNICAL OUTLOOK**

RESISTANCE: 30491 32036 33779

SUPPORT: 28927 27937

### **TABLE #1**

#### **Yearly Technical Projections**

2012...	27937	28927	30491	32036	33779
2013...	27433	29148	30020	31719	34143
2014...	26928	29369	29548	31402	34507
2015...	26423	29590	29076	31085	34871
2016...	25919	29811	28605	30768	35236
2017...	25415	30032	28133	30450	35600
2018...	24910	30253	27661	30133	35964

#### **Yearly Indicating Ranges**

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

2012	33421-31390	35292-31953	35550-32213
2013	32495-28600	33250-29085	33633-29955
2014	31953-28130	32230-28481	35130-28990

**2012 MOMENTUM INDICATORS HLC 32830 29839 30521**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

Our Major Quarterly Bearish Reversal resides at 27820, 27340, 25170 and 24970. Our Minor Quarterly Bearish Reversal is 25170. Consequently, a quarterly closing below 25170 will be an important signal that a sell-off is likely to continue from here in the short-term.

Presently, our Major Quarterly Bullish Reversal is standing at 35510, 38130, 39680, 40260 and 40390. Our model also highlights Minor Quarterly Bullish Reversals above the market at 32293, 32505, and 33978.

### Quarterly Reversals

Major Bullish 35510 38130 39680 40260 40390  
 Minor Bullish 32293 32505 33978  
 Major Bearish 27820 27340 25170 24970  
 Minor Bearish 25170

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in Taiwanese Dollar will be 04/2017 and 10/2017.

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

### Quarterly Turning Points:

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

## Quarterly Indicating Ranges

### Date   Momentum   Trend   Long-Term

10/2012 31329-28661 32115-29360 32763-30323

01/2013 31953-29075 32178-29735 32620-30061

04/2013 31672-29203 32210-29360 32240-30210

## 4TH QUARTER 2012 MOMENTUM INDICATORS HLC 30198 29212 29571



## MONTHLY LEVEL

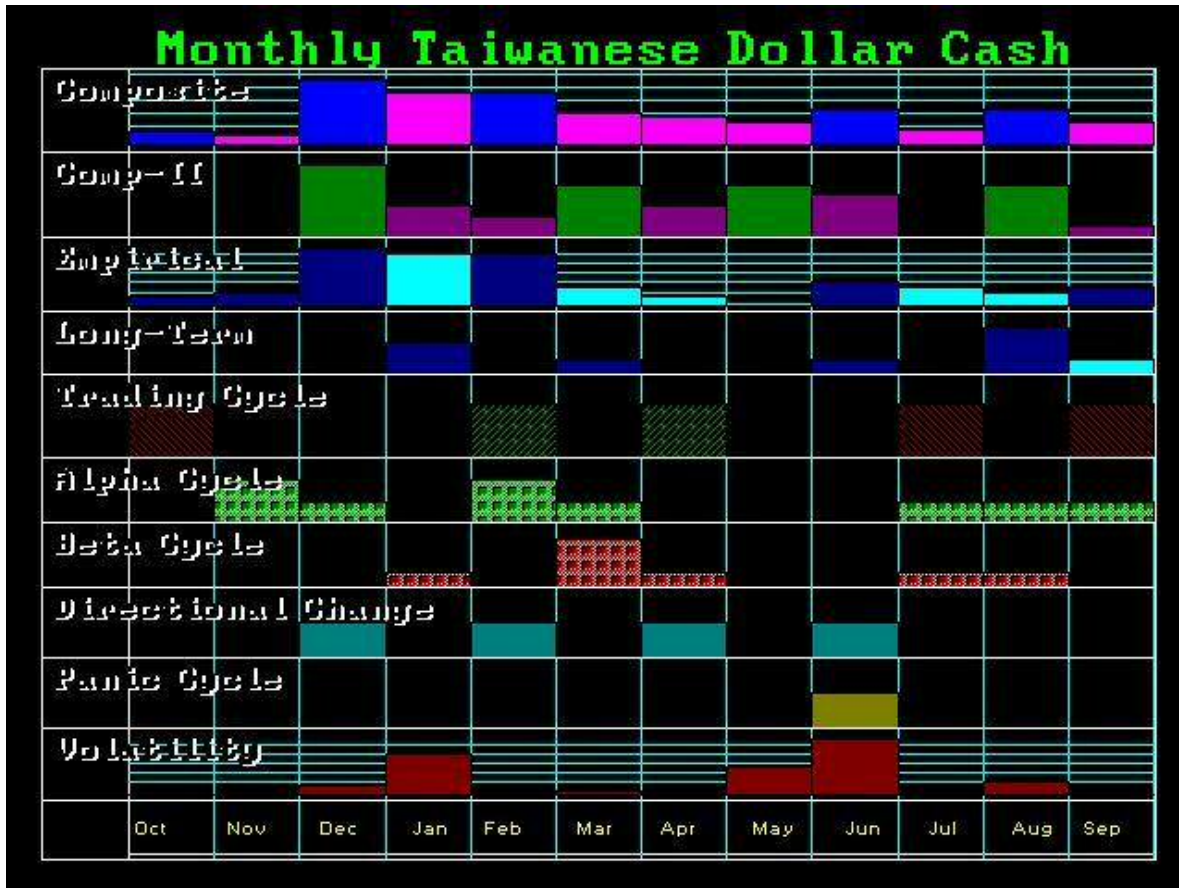
### MONTHLY REVERSAL SYSTEM

Our Minor Monthly Bullish Reversals stand at 30325, 30500, 30710, 32095, 32210 and 35295. The Major Monthly Bullish Reversals are 32235, 32620, and 35295.

On the short-term level of our Reversal System, we find that the Minor Monthly Bearish Reversals are found at 29115, 28562, and 28480. Our Major Monthly Bearish Reversals lie at 27680 and 27150, with additional reversals at 26540, 26110, 25970 and 25400, followed by 25191.

**Monthly Reversals**

Major Bullish 32235 32620 35295  
 Minor Bullish 30325 30500 30710 32095 32210 35295  
 Major Bearish 27680 27150 26540 26110 25970 25400 25191 24507  
 Minor Bearish 27680 27150 26540 26110 25970 25400 25191 24507



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in Taiwanese Dollar will be 05/2014 and 07/2014.

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

**Monthly Turning Points:**

(10/2012), 12/2012, (01/2013), 02/2013, 06/2013, 08/2013, (09/2013)



## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 29434 31374

SUPPORT: 28928 27274

### **TABLE #2**

#### **Monthly Technical Projections**

10/01... 27274 28928 29434 31374

11/01... 27087 28780 29372 31345

12/01... 26901 28632 29311 31316

01/01... 26715 28484 29250 31287

02/01... 26528 28336 29188 31259

03/01... 26342 28188 29127 31230

04/01... 26155 28040 29066 31201

#### **Monthly Indicating Ranges**

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

10/2012 30210-28915 30665-29075 31665-29795

11/2012 30061-29735 30704-29790 31216-29872

12/2012 30210-29203 30500-29795 30535-29928

### **OCTOBER MOMENTUM INDICATORS HLC 30056 29623 29747**

# A TECHNICAL OUTLOOK FOR THE TAIWAN WEIGHTED CASH SHARE INDEX



Princeton's long-term view recognizes that the current trend in the Taiwan Weighted Cash Share Index has been in broad consolidation pattern since 1990 that established both the high and low ever since. So far, 2012 has been an inside trading year remaining with the range of 2011. The Yearly Bearish Reversal lies at 395540 with a very minor one at 703240. An annual closing below 703240 will suggest minor follow through into the next year, but not necessarily a lower annual closing.

We have minor turning points in 2013 and 2015 with 2016 and 2020 appearing to be the strongest targets. Directional Changes are common in this Index account for the up and down oscillation. We see a successive round 2013 to 2016, 2021 and 2022. A Panic Cycle is due in 2019. There appears to be shaping up a trend starting from the summer of 2013 that may then last going into the top of the Economic Confidence Model at 2015.75.

Nearby targets are November and January followed by April, July and August/September next year. A Panic Cycle is due in April. The Directional Change appears in November. A monthly closing ABOVE 805430 is required to see November produce a high. A monthly closing BELOW 674425 will signal a possible low. Whatever we see in November ideally should be followed by the opposite direction into January.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

At this time, the Major Yearly Bearish Reversals are 256045, 63600, 42140 and 18872. Thereupon, only a yearly closing below 63600 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead. Our model suggests that the Minor Yearly Bearish Reversals are found at 404470, 395540, 384575, 332765, 331625, and 313555. As a result, a yearly closing below 404470 will signal that a sell-off is likely to follow. Nonetheless, only a close below 331625 will suggest a reversal in long-term trend.

Presently, our Reversal System indicates that the Major Yearly Bullish Reversals are 931000, 1025620, and 1039360. Therefore, a yearly closing above 931000 will signal that a rally is likely to follow. Nonetheless, only a close above 1025620 will suggest a reversal in long-term trend.

### Yearly Reversals

Major Bullish 931000 1025620 1039360

Major Bullish 256045 63600 42140 18872

Minor Bullish 404470 395540 384575 332765 331625 313555



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in the Taiwan Cash Stock Index will be 2014 and 2027.

Our Directional Change models indicate that turning points are due the years of 2013, 2014, 2015, 2016, 2021 and 2022. Our Panic Cycle Models suggest that higher volatility is due the year of 2019.

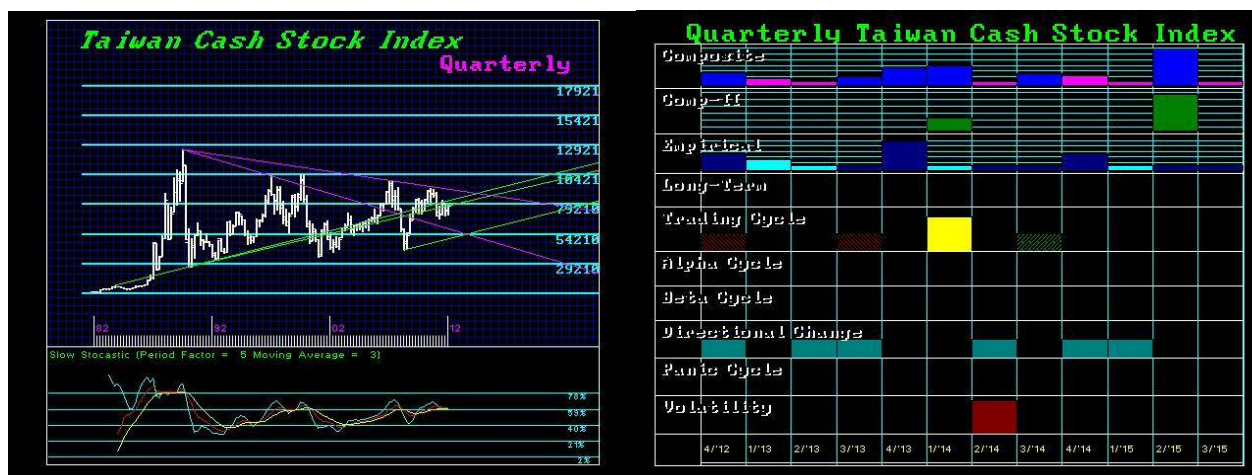
### **Yearly Turning Points:**

(2013), (2015), 2016, (2018), 2020, (2022)

### **Yearly Indicating Ranges**

Date	Momentum	Trend	Long-Term
2012	708425-395543	713500-467267	930995-499850
2013	683523-256047	824045-416419	1025610-556541
2014	703240-331626	793726-611164	904132-623249

**2012 MOMENTUM INDICATORS HLC 882970 593523 807756**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

Presently, our Reversal System indicates that the Major Quarterly Bullish Reversal is standing at 1077311. Accordingly, only a quarterly closing above 1077311 will signal that an immediate breakout to the upside should unfold thereafter. Looking at the short-term level of our Reversal System, the Minor Quarterly Bullish Reversal resides at 985965 followed by 1025620. Unmistakably, only a quarterly closing above 1025620 will signal that a immediate uptrend should unfold thereafter.

At this time, the Major Quarterly Bearish Reversals are 240472, 85367 and 84215. Thereupon, only a quarterly closing below 85367 will signal that a immediate downtrend could retest long-term support. When we look at the Minor level, our Quarterly Bearish Reversal resides at 687495, 556540, 395542, and 343625. Thereupon, only a quarterly closing below 687495 will signal that an immediate downtrend should unfold thereafter.

### Quarterly Reversals

Major Bullish 1077311  
 Minor Bullish 985965 1025620  
 Major Bearish 240472 85367 84215  
 Minor Bearish 687495 556540 395542 343625

## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in the Taiwan Cash Stock Index will be 06/2014 and 10/2019.

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

### Quarterly Turning Points:

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

## Quarterly Indicating Ranges

### Date   Momentum   Trend   Long-Term

10/2012 774337-395543 799281-584009 799942-660911

01/2013 807052-416419 817072-546849 898593-700539

04/2013 798761-540130 843346-685735 909975-708483

## 4TH QUARTER 2012 MOMENTUM INDICATORS HLC 795591 692849 764814



## MONTHLY LEVEL

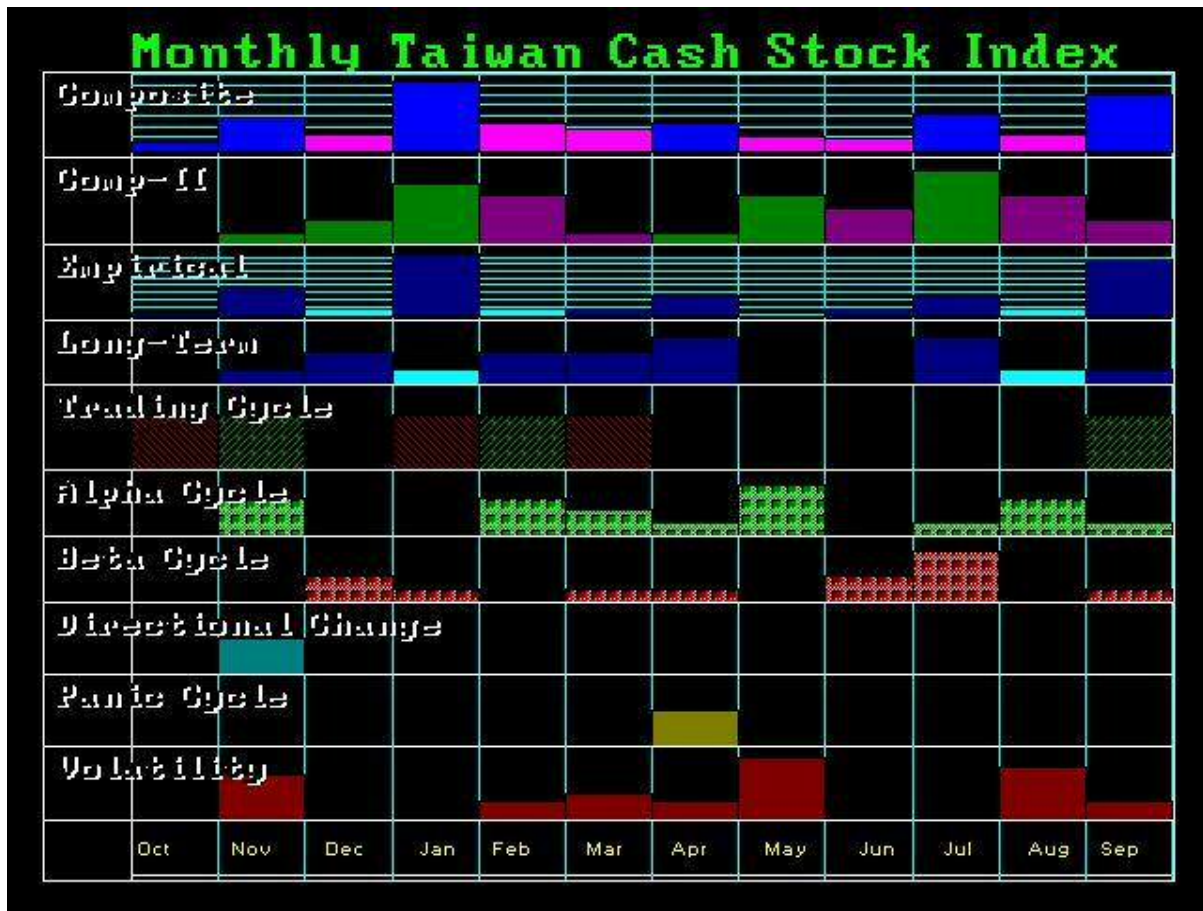
### MONTHLY REVERSAL SYSTEM

At this time, the Major Monthly Bearish Reversal is 160479. Thus, only a monthly closing below 160479 will signal that a immediate downtrend could retest long-term support. When we look at the Minor level, our Monthly Bearish Reversal resides at 429526, with additional reversals at 662910, 553019 and 540130. Consequently, only a monthly closing below 662910 will signal that a immediate downtrend should unfold thereafter.

Looking at our Reversal System, we show that the Major Monthly Bullish Reversals stand at 930995 and 980791. Accordingly, only a monthly closing above 930995 will signal that a immediate uptrend should unfold thereafter. Immediately, our Minor Monthly Bullish Reversals exist at 839539, 884217 and 909975. Consequently, only a monthly closing above 839539 will signal that a immediate uptrend should unfold thereafter.

**Monthly Reversals**

Major Bullish 930995 980791  
 Minor Bullish 839539 884217 909975  
 Major Bearish 160479  
 Minor Bearish 662910 553019 540130 429526



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in the Taiwan Cash Stock Index will be 06/2014 and 03/2015.

Our Directional Change models indicate that a turning point is due the month of 11/2012. 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, 09/2013

### **Monthly Indicating Ranges**

**Date   Momentum   Trend   Long-Term**

10/2012 822671-685735 843346-735999 852011-757876

11/2012 841044-692273 857265-744255 884217-777575

12/2012 790762-714876 862770-718678 873893-742214

**OCTOBER MOMENTUM INDICATORS HLC 758942 714102 746090**



## A TECHNICAL OUTLOOK FOR THE THAILAND BAHT



Our long-term outlook in the Thailand Baht has not elected any Yearly Bearish Reversals since the 1998 high in the Dollar/Baht exchange rate. The Yearly Bearish Reversals lie at 24950, 23000, and 22750. From the 1998 high, the decline in the dollar was to 29410 falling into 2007. Nevertheless, we should see the dollar decline further. So far the trading range in the Baht has exceeded the high of 2011 reaching the 31800 level. Resistance for the Dollar/Baht in 2012 and 2013 will be at the 33000-33200 level followed by 35700-36000.

We do see a Directional Change is due in 2012 and 2013. Thus far, the Dollar/Baht exceeded the 2011 level showing that the Directional Change did work. However, 2013 is also a turning point and we begin to see a rise in volatility that builds in general until the Panic Cycle in 2017. If 2013 produces the low for the dollar (high Baht) then we can see the opposite trend materialize thereafter. Keep in mind that if 2013 exceeds the 2012 high in the 31800 area, then we may see the dollar rally thereafter into 2015.



## YEARLY LEVEL

### **YEARLY REVERSAL SYSTEM**

At this time, the Major Yearly Bearish Reversals are 24950, 23000, and 22750. Consequently, only a yearly closing below 24950 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead. Our model suggests that the Minor Yearly Bearish Reversals are found at 26090, 25110, 23000, and 22750. Hence, only a yearly closing below 23000 will signal that a major collapse is likely to continue from there in the short-term.

Looking at our Reversal System, we show that the Major Yearly Bullish Reversals stand at 36010, 41620, 41745, 43190 and 44380. Our model also highlights Minor Yearly Bullish Reversals above the market at 33205. Hence, only a yearly closing above 33205 will signal that an immediate uptrend should unfold thereafter to test the 36000 level.

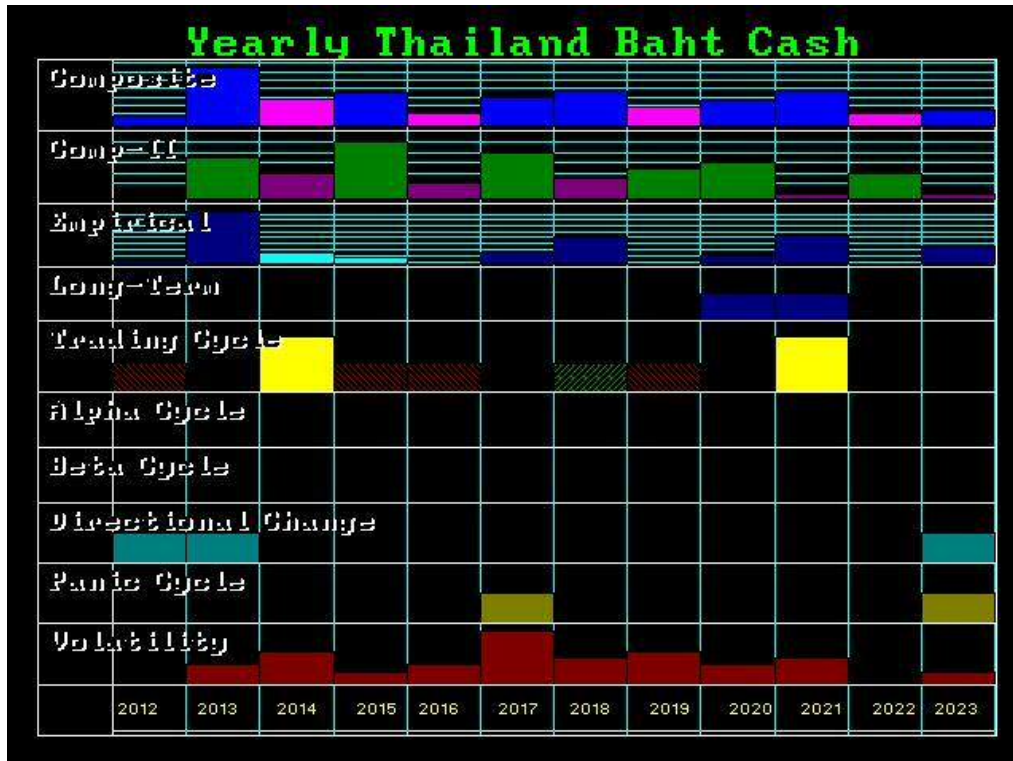
### **Yearly Reversals**

Major Bullish 36010 41620 41745 43190 44380

Minor Bullish 33205

Major Bearish 24950 23000 22750

Minor Bearish 26000 25110 23000 22750



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in Thailand Baht will be 2018 and 2029.

Our Directional Change models indicate that turning points are due the years of 2012, 2013 and 2023. Our Panic Cycle Models suggest that higher volatility is due the years of 2017 and 2023.

### **Yearly Turning Points:**

2013, 2015, (2016), 2018, 2021, 2023

### **YEARLY TECHNICAL OUTLOOK**

RESISTANCE: 35645  
SUPPORT: 29644 8127

### **TABLE #1**

#### **Yearly Technical Projections**

2012...	8127	29644	35645
2013...	4700	29691	34720
2014...	1273	29738	33795
2015...	----	29785	32870
2016...	----	29831	31945
2017...	----	29878	31020
2018...	----	29925	30095

## Yearly Indicating Ranges

### Date   Momentum   Trend   Long-Term

2012 29460-25170 35710-25180 38810-25800

2013 36225-22750 38210-24950 42120-26425

2014 35155-25030 35780-25830 41040-29605

## 2012 MOMENTUM INDICATORS HLC 33718 30780 31653



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

At this time, the Major Quarterly Bearish Reversals are 25400, 25200, 25170, 25060, and 22985. Consequently, a quarterly closing below 25400 will signal that an immediate downtrend could become more pronounced in the short-term. For now, our Minor Quarterly Bearish Reversals are found at 29460, 24680 and 22750, followed by resides at 24520. It should be noted that one key reversal appears to be very important. We see that a quarterly closing beneath 24680 may signal that a serious sell-off is likely to follow thereafter.

Our Reversal System that the Major Quarterly Bullish Reversals exist at 38300, 42030, 42120 and 44900. Our model also highlights Minor Quarterly Bullish Reversals above the market at 33530, 35720, 37570, and 39365. Hence, only a quarterly closing above 38300 will signal that an immediate uptrend should unfold thereafter.

**Quarterly Reversals**

Major Bullish 38300 42030 42120 44900  
 Minor Bullish 33530 35720 37570 39365  
 Major Bearish 25400 25200 25170 25060 22985  
 Minor Bearish 29460 24680 22750



**QUARTERLY TIMING**

Using a composite of a variety of timing intervals, the key quarters for a turning point in Thailand Baht will be 01/2018 and 07/2018.

Our Directional Change models indicate that turning points are due the quarters of 04/2014 and 07/2014. Our Panic Cycle Models suggest that higher volatility is due the quarter of 01/2015.

**Quarterly Turning Points:**

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

## **QUARTERLY TECHNICAL OUTLOOK**

RESISTANCE: 35414  
SUPPORT: 29650 28606

### **TABLE #2**

#### **Quarterly Technical Projections**

10/2012...	28606	29650	35414
01/2013...	28140	29662	35182
04/2013...	27674	29673	34951
07/2013...	27208	29685	34720
10/2013...	26742	29696	34489
01/2014...	26276	29708	34258
04/2014...	25810	29719	34026

#### **Quarterly Indicating Ranges**

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

10/2012	31865-29605	33960-30490	35710-30790
01/2013	31865-30035	34650-30225	34755-30920
04/2013	31835-29410	32910-29895	34000-30365

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 31845 30541 31140**



## MONTHLY LEVEL

### MONTHLY REVERSAL SYSTEM

Looking at our Reversal System, we show that the Major Monthly Bullish Reversals stand at 36700, 39210 and 41600. Thus, only a monthly closing above 36700 will signal that an immediate uptrend should unfold thereafter. Immediately, our Minor Monthly Bullish Reversals exist at 32605, 33205, 34310 and 35710. Hence, a monthly closing above 32605 will signal that an immediate uptrend should unfold thereafter.

At this time, the Major Monthly Bearish Reversals are 25290, 25170 and 24750. Accordingly, only a monthly closing below 25290 will signal that a immediate downtrend could retest long-term support. For now, our Minor Monthly Bearish Reversals are found at 29895 and 29655, followed by resides at 29410. Thereupon, only a monthly closing below 29895 will signal that a immediate downtrend should unfold thereafter.

### Monthly Reversals

Major Bullish 36700 39210 41600

Minor Bullish 32605 33205 34310 35710

Major Bearish 25290 25170 24750

Minor Bearish 29895 29655 29410



## MONTHLY TIMING

Employing composite cycle analysis, the key months for a turning point in Thailand Baht will be 03/2013 and 05/2015.

Our Directional Change models indicate that turning points are due the months of 10/2012, 12/2012, 03/2013 and 04/2013. Our Panic Cycle Models suggest that higher volatility is due the month of 05/2013.

### **Monthly Turning Points:**

(11-12/2012), 01/2013, 03/2013, 05/2013, 07/2013



## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 34204

SUPPORT: 30464

### **TABLE #3**

#### **Monthly Technical Projections**

10/01... 30464 34204

11/01... 30330 34161

12/01... 30196 34117

01/01... 30062 34074

02/01... 29928 34030

03/01... 29794 33986

04/01... 29660 33943

#### **Monthly Indicating Ranges**

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

10/2012 30425-29605 30935-30195 31395-30215

11/2012 30755-29675 30805-29975 31375-30170

12/2012 30920-29655 30930-29940 31175-30035

**OCTOBER MOMENTUM INDICATORS HLC 31561 31093 31150**

# A TECHNICAL OUTLOOK FOR THE THAILAND SET SHARE INDEX



Our long-term view takes into account that the high established in the Thailand SET Share Index reached a high with the 1994 turning point on the **Economic Confidence Model** and bottomed in 1998 after the 1997 Asian Currency Crisis. The Major Yearly Bullish Reversals stand at 114380, 148607 and 179010. Near-term, the SET Index has rallied exceeding the 2011 high. We need a closing for 2012 **ABOVE** 114380 to signal a continued rally into 2013. We have a Directional Change due in 2013 with turning points thereafter in 2014, 2016, 2018, 2020, and 2022 virtually every other year. Volatility will rise in 2013 and 2014 reaching its peak in 2016.

Our Minor Yearly Bearish Reversal lies at 60810. This is the key area to watch. It is possible that the final high in this market may unfold in 2016. This will become possible provided 2012 closes above 114380 and we see a subsequent annual closing **ABOVE** 148607.



## YEARLY LEVEL

### YEARLY REVERSAL SYSTEM

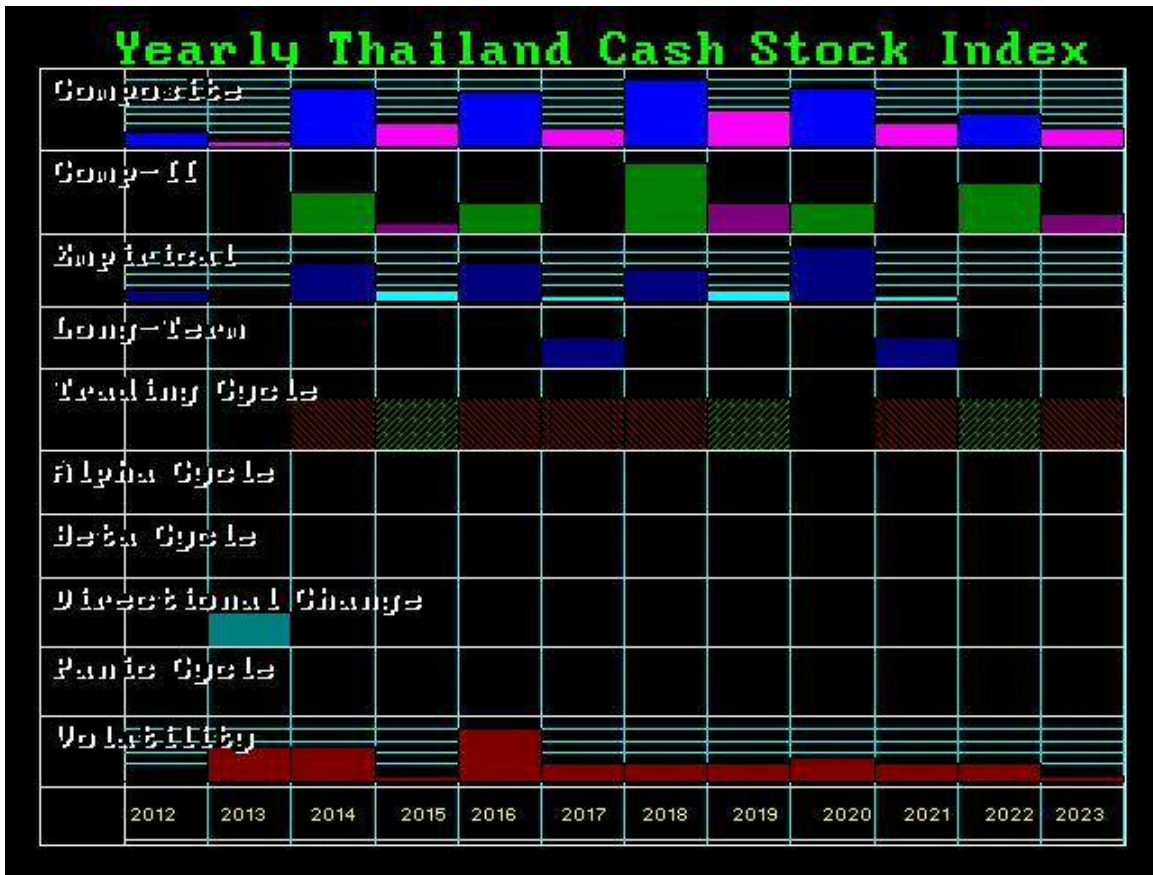
Our Yearly Bullish Reversals stand at 114380, 148607 and 179010. A yearly closing above 114378 will signal that this market should continue to advance to new recent highs. However, as long as this market remains below 114378 on a yearly closing basis, then the immediate trend must be considered as neutral 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.

On the short-term level of our Reversal System, we find that the Minor Yearly Bearish Reversal will be found at 60810. Thereupon, only a yearly closing below 60810 will signal that a sell-off is likely to continue from here in the short-term.

### Yearly Reversals

Minor Bullish 114380 148607 179010

Minor Bearish 60810



## YEARLY TIMING

Employing composite cycle analysis, the key years for a turning point in the Thailand Cash Stock Index will be 2014 and 2047.

Our Directional Change models indicate that a turning point is due the year of 2013.

### **Yearly Turning Points:**

2014, 2016, 2018, 2020, 2022

### **Yearly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

2012 80219-38005 88657-39553 89961-57663

2013 74610-35429 75855-40878 87057-54430

2014 67945-20459 78755-56417 90890-58248

**2012 MOMENTUM INDICATORS HLC 98736 64397 93087**



## QUARTERLY LEVEL

### **QUARTERLY REVERSAL SYSTEM**

Looking at the Reversal System, the Minor Quarterly Bearish Reversals are found at 103176, 36560, 32318, 30235, 26513 and 25345. Thus, only a quarterly closing below 86595 will signal that a serious sell-off is likely to continue from here in the short-term. Nonetheless, only a close below 103176 will suggest a reversal in long-term trend.

On the Major level of our Reversal System, the Major Quarterly Bullish Reversal is standing at 155442 and 179010. Consequently, only a quarterly closing above 1789010 will signal that a immediate uptrend should unfold thereafter.

### **Quarterly Reversals**

Major Bullish 179010

Minor Bearish 103176 36560 32318 30235 26513 25345



## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in the Thailand Cash Stock Index will be 07/2014 and 07/2018.

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 04/2015.

### **Quarterly Turning Points:**

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

### **Quarterly Indicating Ranges**

**Date    Momentum    Trend    Long-Term**

10/2012 84369-38005 95299-60146 105177-60814

01/2013 93706-40878 103176-48812 106833-67927

04/2013 99839-43285 109915-63805 111363-73278

### **QUARTERLY PATTERN RECOGNITION**

If this quarter closes below 122918, 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 125525 110127 122918**



## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

Using our Reversal System, our Minor Monthly Bearish Reversals are found at 117290, 110155, 103176 and 86595, and 85610. As a result, only a monthly closing below 117290 will signal that a downtrend is likely to continue from here.

Presently, our Reversal System indicates that the Major Monthly Bullish Reversal is standing at 142261. Our model also highlights a Major Monthly Bullish Reversal standing at 148607. Consequently, only a monthly closing above 142261 will signal that a immediate uptrend should unfold thereafter.

### **Monthly Reversals**

Major Bullish 142261 148607

Minor Bearish 117290 110155 103176 86595 85610



## MONTHLY TIMING

Employing composite cycle analysis, the key months for a turning point in the Thailand Cash Stock Index will be 07/2014 and 10/2014.

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

### **Monthly Turning Points:**

11/2012, (12/2012), 03/2013, (04/2013), 06/2013, (07/2013), (09/2013)



## **MONTHLY TECHNICAL OUTLOOK**

SUPPORT: 128394 108805 61341 12003

### **TABLE #3**

#### **Monthly Technical Projections**

10/01 12003 61341 10880 12839  
11/01... 12003 61378 10907 12938  
12/01... 12003 61414 10934 13038  
01/01... 12003 61451 10962 13137  
02/01... 12003 61487 10989 13237  
03/01... 12003 61523 11016 13336  
04/01... 12003 61560 11043 13436

#### **Monthly Indicating Ranges**

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

10/2012 109027-97852 109915-99839 116664-105525  
11/2012 114828-100207 117292-104444 121431-105978  
12/2012 115121-95061 118638-101215 122849-105644

**OCTOBER MOMENTUM INDICATORS HLC 125859 119657 124544**

# A TECHNICAL OUTLOOK FOR THE VIETNAM CASH VNINDEX INDEX



The Vietnam VINDEX Share Index made its high with the Economic Confidence Model in 2007. It has not yet elected any Yearly Bearish Reversals which lie at 17460 and 13075. The subsequent low formed in 2009. So far in 2012, the VINDEX has fallen to the 33228 level penetrating the low of 2011. The Yearly Bullish Reversal stands at 63325. A Yearly closing above this will signal that new highs are possible ahead.



## YEARLY LEVEL

### **YEARLY REVERSAL SYSTEM**

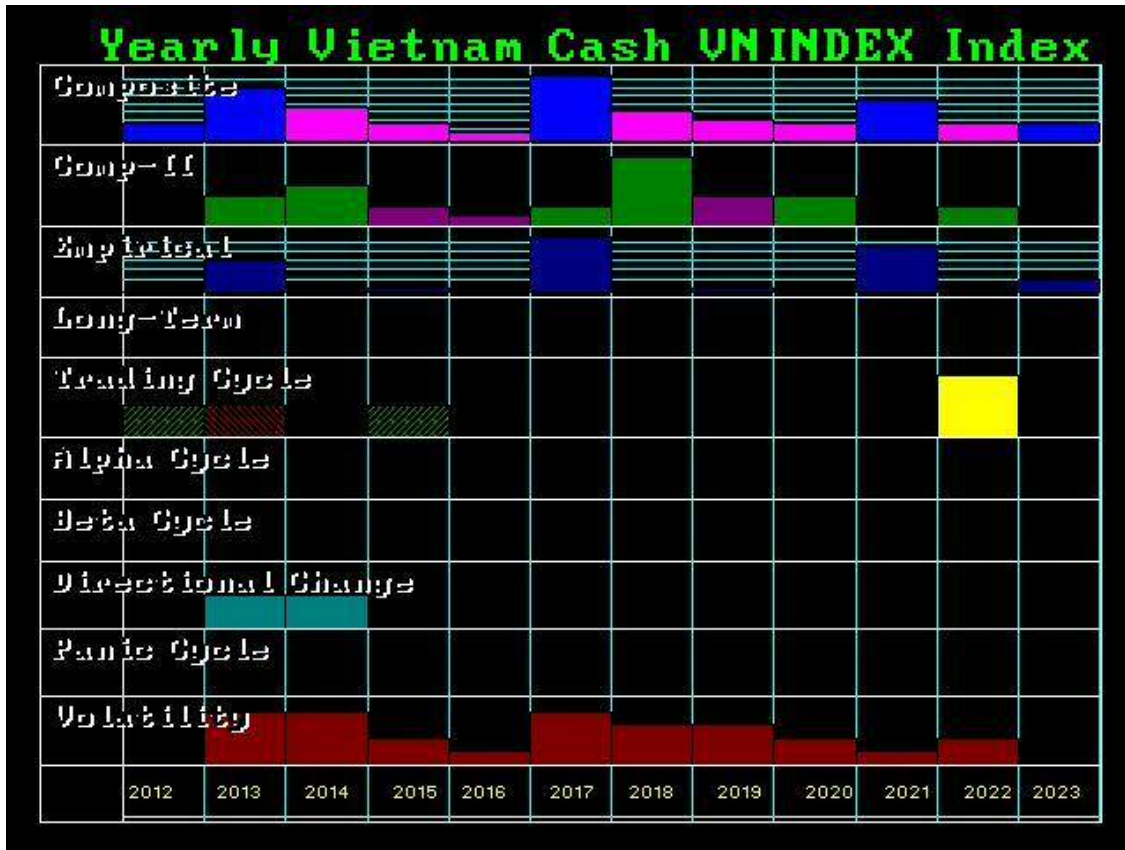
At this time, the Major Yearly Bearish Reversals are 17460 and 13075. Thereupon, only a yearly closing below 17460 will signal that an immediate downtrend could unfold leading to a renewed bear market ahead.

Our Yearly Bullish Reversal stands at the 63325 level. A yearly closing above 63325 will signal that this market should continue to advance to new recent highs.

### **Yearly Reversals**

Minor Bullish 63325

Major Bearish 17460 13075



## YEARLY TIMING

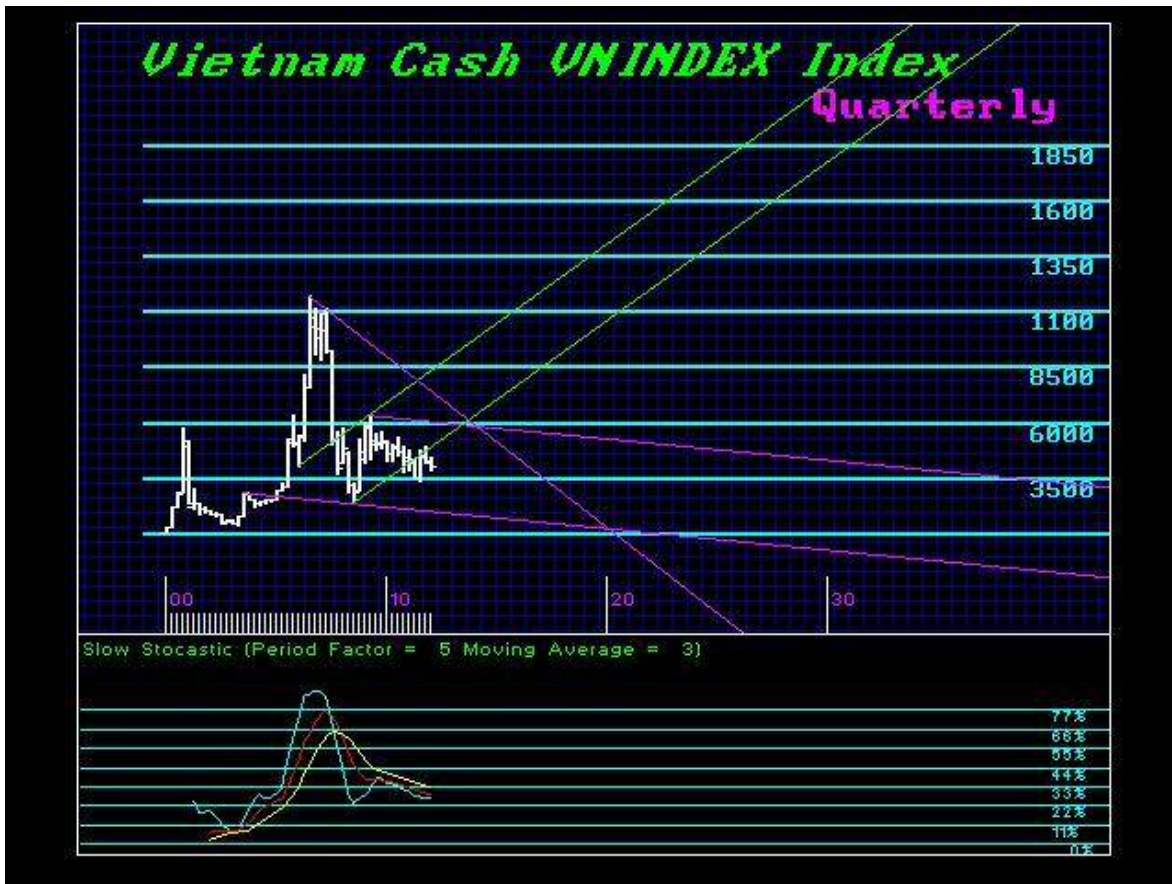
Employing composite cycle analysis, the key years for a turning point in Vietnam Cash VNINDEX Index will be 2013 and 2049.

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

### **Yearly Turning Points:**

2013, (2016), 2017, 2021, (2022)

**2012 MOMENTUM INDICATORS HLC 57127 33370 44242**



## QUARTERLY LEVEL

### QUARTERLY REVERSAL SYSTEM

At this time, the Major Quarterly Bearish Reversals are 27956, 23241 and 13964. Consequently, only a quarterly closing below 27956 will signal that a immediate downtrend could become more serious in the near-term. On our Minor level, the Quarterly Bearish Reversal resides at 23466, with additional reversals at 28406, 24654 and 13090. It should be noted that one key reversal appears to be very important. We see that a quarterly closing beneath 23241 may signal that a serious sell-off is likely to follow thereafter.

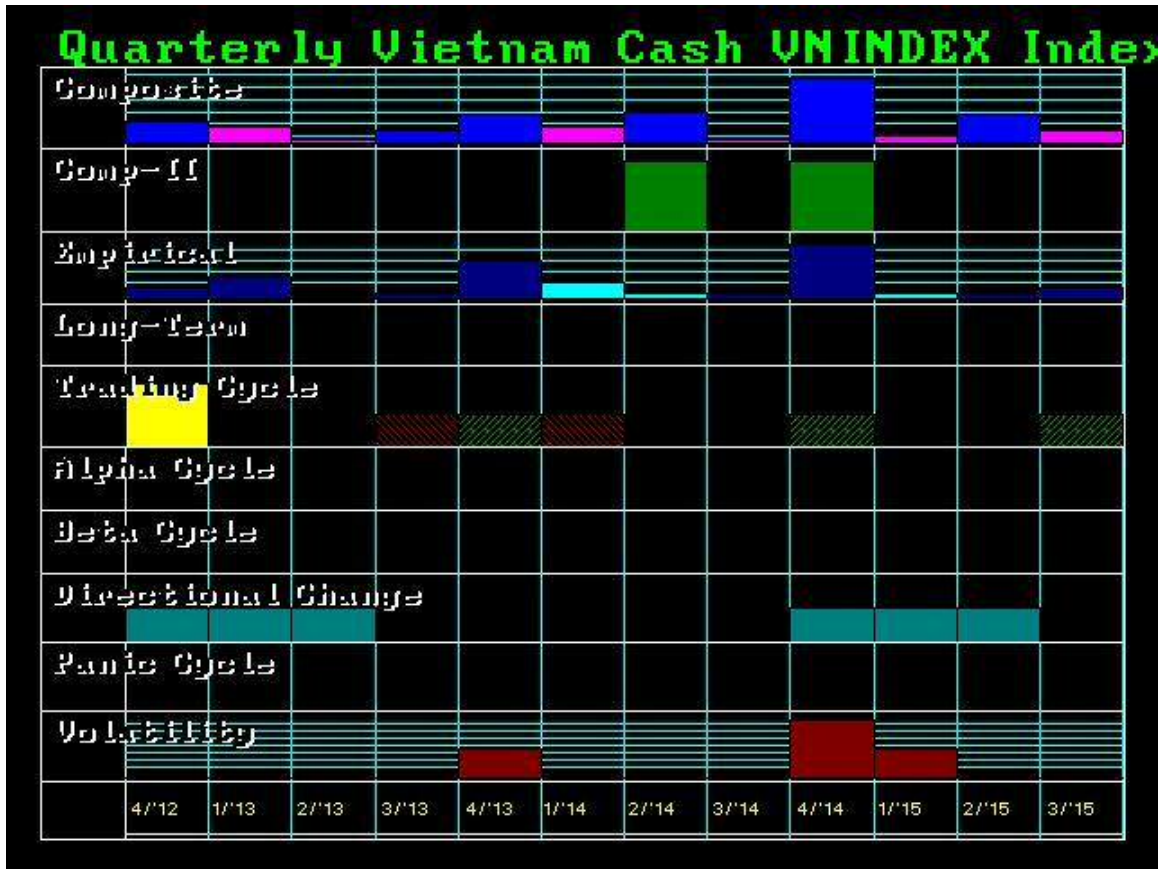
According to our Reversal System model, the Major Quarterly Bullish Reversals stand at 92107 and 117067. As a result, only a quarterly closing above 117067 will signal that a immediate uptrend should unfold thereafter.

### Quarterly Reversals

Major Bullish 92107 117067

Major Bearish 27956 23241 13964

Minor Bearish 28406 24654 23466 23241 13090



## QUARTERLY TIMING

Using a composite of a variety of timing intervals, the key quarters for a turning point in Vietnam Cash VNINDEX Index will be 03/2013 and 01/2022.

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

### **Quarterly Turning Points:**

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

### **Quarterly Indicating Ranges**

**Date Momentum Trend Long-Term**

10/2012 46693-28406 49709-34648 75771-41998

01/2013 46815-23466 52920-32259 90553-33228

04/2013 49244-28952 52522-37103 87546-41358

**4TH QUARTER 2012 MOMENTUM INDICATORS HLC 46606 37467 41704**



## MONTHLY LEVEL

### **MONTHLY REVERSAL SYSTEM**

At this time, the Major Monthly Bearish Reversal is 23641. Thus, only a monthly closing below 23641 will signal that a immediate downtrend could become more dramatic in the near-term. The Reversal System indicates that our near-term Minor Monthly Bearish Reversals are found at 37984 and 33228, followed by resides at 23466. Consequently, only a monthly closing below 37984 will signal that a sell-off is likely to continue from here in the short-term.

Our Reversal System that the Major Monthly Bullish Reversals exist at 43761, 46925 and 48802. Our model also highlights Monthly Bullish Reversals above the market at 111078 and 117067. Accordingly, only a monthly closing above 111078 will signal that a rally is likely to follow. Nonetheless, only a close above 43761 will suggest a reversal in long-term trend.

**Monthly Reversals**

Major Bullish 43761 46925 48802 111078 117067  
 Minor Bullish 43761 111078  
 Major Bearish 23641  
 Minor Bearish 37984 33228 23466



**MONTHLY TIMING**

Employing composite cycle analysis, the key months for a turning point in Vietnam Cash VNINDEX Index will be 03/2013 and 04/2015.

Our Directional Change models indicate that turning points are due the months of 05/2013, 06/2013, 07/2013 and 08/2013.

**Monthly Turning Points:**

11/2012, (12/2012), 01/2013, (03/2013), 05/2013, 07/2013



## **MONTHLY TECHNICAL OUTLOOK**

RESISTANCE: 88437 135117

SUPPORT: 1360816 35738 20106

### **TABLE #3**

#### **Monthly Technical Projections**

10/01... 20106 35738 88437

11/01... 20030 36017 89134

12/01... 19954 36296 89832

01/01... 19877 36575 90529

02/01... 19801 36854 91227

03/01... 19725 37133 91925

04/01... 19648 37412 92622

#### **Monthly Indicating Ranges**

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

10/2012 43111-39108 44146-41358 45874-41998

11/2012 43407-40049 44823-40507 46815-42343

12/2012 43761-37817 47548-37984 47887-43529

**OCTOBER MOMENTUM INDICATORS HLC 42511 38903 40186**