# ETF Selections & Timing

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### **Buy Signal**

he World Growth Model will go on a buy signal today (Monday 8/18), assuming markets don't reverse into a loss for the day. For my part, I will assume they will close higher. As such, please see the Growth Portfolio on

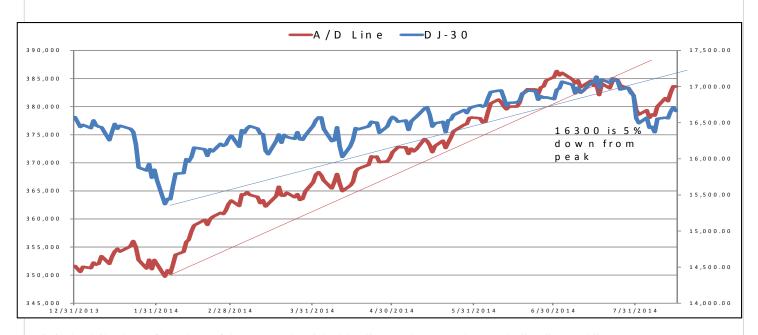
page 6 for specific buys and percentage allocation information.

To be sure, the investment background remains mixed. Various indicators remain in over valued territory, even though they have been like this for months. Investor sentiment remains mixed with too many

bulls, yet the headlines continue to come out trying to mark a top. Do tops ever happen when the media is pointing them out?

The big positive remains the Federal Reserve actions, keeping interest rates near zero, but

(Continued on page 12 see REVIEW on top)



This is the daily chart of the close of the Dow Industrials (blue line) and NYSE advance-decline line (red line)

#### **SCOREBOARD** (returns year to date and past weeks to date)

Model	YTD	52-week	26-week	13-week	4-week	1-week
ETF Income Portfolio	1.0%	2.2%	0.9	0.1	0.1	0.0%
ETF Growth Portfolio	2.8%	13.3%	3.4	1.8	-2.2	0.3%
Index						
Aggrgt Bond (AGG)	3.3%	4.8%	2.0	0.6	0.5	0.5%
S&P 500 TR (SPY)	6.5%	19.2%	6.4	4.1	-0.9	1.4%
World Growth Index	4.6%	17.5%	4.7	4.1	-0.7	1.7%

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### Income Portfolio

ACTION	FOR				PORTFOLI	O DETAILS				Value as of	date:	8/15/2014
Action			Action	# of	Action		Stop Loss	Start		# of	Current	Percent of
Date	Action	Symbol	Price	Shares	Value	Symbol	as of 4/28 Description	Price	End Price	Shares	Value	Total
11-Apr	sell	JNK	41.05	342	14,014							0.0%
												0.0%
21-Apr	sell	AGG	108.18	130	14,080							0.0%
21-Apr	sell	PCY	28.27	512	14,464							0.0%
21-Apr	buy	BSV	80.09	362	29,003							
	this ne	w buy wil	l be about 25%	% of total		BSV		80.09	80.30	363.4	29,181.90	25.1%
28-Apr	sell	LQD	117.87	120	14,176							
						Money Ma	rket		1.00	87,033	87,033.00	74.9%
									Total	Valuation=	116,214.90	100.0%

#### **WEEKLY REVIEW**

8/11 No changes.

8/4 The surprise is bonds are still rallying, even in the face of a strong economy.

7/28 No changes.

7/21 No changes.

7/14 No changes.

7/7 The jobs report came in stronger than expected. As I've been mentioning, the idea of a stronger economy is not discounted in bonds. Bond investors are seemingly ignoring the fact that the Fed is tapering and is hinting at earlier than expected rate rises.

	2010	2011	2012	2013	ytd 2014	Incptn
ETF Income Portfolio	4.8%	3.6	4.8	1.1	1.0	16.2
Aggregate Bond	6.4%	7.7	3.9	-2.2	3.3	20.3

This shows the total returns of previous years, year to date (ytd), and from inception (incptn). It also shows standard deviation (SD).

### ETF Income Database and Ranking to 8/30/13 (under construction)

Fund Name	Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
iShares 1-3yr Trsry	SHY	BS	0.03	0.03	-0.07	-0.03	-0.10	0.08	84.28	****
Vngrd ShrtTrm Bond	BSV	BS	-0.19	-0.45	-0.60	-0.38	-0.27	0.23	79.96	****
iShares 3-7yr Trsry	IEI	BI	-2.51	-2.67	-2.49	-1.82	-0.77	0.51	119.88	* * * *
iShares Agg Bond	AGG	BI	-2.85	-3.32	-3.05	-2.12	-0.83	0.61	106.01	****
iShares Inter Bond	MBB	BI	-3.09	-2.81	-2.91	-1.77	-0.67	0.43	104.17	* * * *
iShares Inter Gov	GVI	BI	-1.51	-2.04	-1.92	-1.35	-0.64	0.46	109.11	* * * *
Wtree Dryfs Chns Yuan	CYB	BF	4.62	2.26	2.23	0.54	0.42	0.42	26.16	* * * *
Currency Euro	FXE	BF	4.69	1.36	1.04	1.60	-0.68	1.85	130.84	* * *
iShares 10-20yr Trsry	TLH	BL	-8.69	-8.69	-6.33	-4.80	-0.97	1.55	123.42	* * *
iShares 7-10yr Trsry	IEF	BI	-6.40	-6.61	-5.56	-4.27	-1.42	1.08	100.26	* * *
iShares High Yld	HYG	BH	5.38	2.88	0.18	-0.17	-1.27	1.56	90.87	* * *
iShares Intrntl Tbond	IGOV	BW	-1.59	-3.73	-1.85	-0.50	-0.73	1.54	97.93	* * *
iShares Long Corp Bond	LQD	BL	-2.90	-4.84	-4.30	-3.17	-1.00	1.39	112.68	* * *
iShares Trsry Infltn	TIP	BI	-7.29	-8.84	-7.78	-4.71	-1.83	1.18	110.64	* * *
PS 1-30 Ldr Trsry	PLW	BI	-8.64	-8.31	-5.99	-4.31	-0.96	1.45	29.88	* * *
PS Bld America	BAB	BI	-5.98	-7.40	-8.54	-7.83	-1.41	1.59	27.14	* * *
PS DB Dollar Bearish	UDN	BF	-1.27	-2.51	0.04	1.65	-0.49	1.29	26.42	* * *
PS DB Dollar Bullish	UUP	BF	-0.49	1.23	-0.80	-1.86	0.41	1.28	22.19	* * *
PS DB G10 Currency	DBV	BF	-0.76	-4.00	-7.09	-6.64	-2.44	1.72	24.75	* * *
PS Fdmntl Hi Yield Corp	PHB	BH	3.25	1.31	-0.10	-0.99	-0.88	1.23	18.71	***
PS Insrd CA Muni	PWZ	BI	-6.48	-9.21	-8.53	-7.65	-2.25	1.29	22.72	* * *
PS Insrd NY Muni	PZT	BI	-9.02	-11.54	-10.28	-8.91	-2.61	1.51	21.68	***
PS Prfd	PGX	BF	-0.95	-2.38	-4.30	-4.81	-1.65	1.18	13.68	* * *
SPDR High Yield	JNK	BH	5.27	2.46	0.00	-0.75	-1.03	1.56	39.46	* * *
SPDR Intrntl TBond	BWX	BW	-4.13	-5.75	-2.63	-0.53	-1.15	1.48	56.79	* * *
Vngrd Intrmdt Bond	BND	BI	-2.94	-3.28	-2.96	-2.12	-0.86	0.62	79.99	* * *
Wtree Dryfs Comdty Cur	CCX	BF	-6.19	-7.08	-8.09	-3.79	-2.15	1.55	19.55	* * *
Wtree Dryfs Emrg Crrncy	CEW	BF	-3.44	-5.57	-6.78	-3.77	-2.82	1.44	19.65	* * *
iShares 20+ yr Trsry	TLT	BL	-14.79	-13.35	-9.34	-6.72	-1.34	2.46	105.71	* *
PS Emrg Mrkt Svrgn Debt	PCY	BW	-8.80	-13.37	-11.06	-7.86	-3.36	2.67	26.24	* *
PS Insrd Natl Muni	PZA	BI	-8.56	-11.75	-10.49	-9.01	-1.56	1.56	22.52	* *
Wtree Dryfs Brazil Real	BZF	BF	-10.67	-7.36	-15.28	-9.16	-3.29	2.37	16.75	* *
Wtree Emrg Mrkt Lcl Debt	ELD	BF	-7.81	-11.12	-12.85	-8.94	-4.35	2.09	45.45	* *
Wtree Dryfs Indn Rupee	ICN	BF	-11.22	-13.71	-15.13	-13.34	-5.23	2.58	18.12	*

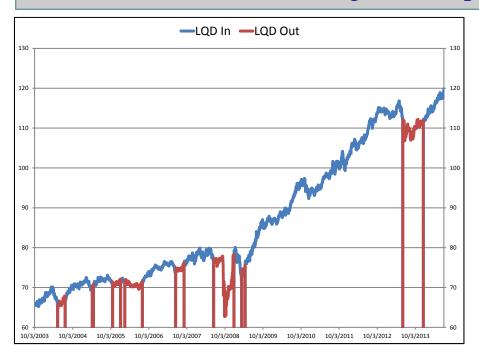
This is the ETF Income Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. CS is Comet Strength (not shown). C is Comet (not shown), which is an ETF's risk-adjusted performance; the higher the better. V, CS, and C are proprietary tools. Rank column shows the number of comets.

#### ETF LEGEND for pages 3 (Bond), and 7, 8, 9, and 10 (Equity):

Column headings: The first column shows the ETF name, the second column shows it symbol. The third column shows the ETF Style. The first letter is always either B (Bond) or E (Equity) or H (Hybrid). The next letter(s) is the style. So, BS-bond short, BI-bond intermediate, BL-bond long, BF-flexible, BW-world, BH-high yield. And for Equity, EA-equity aggressive, EC-equity contrary, EG-equity gold (precious metals), ESC -small cap, EMC-mid cap, ELC-large cap, EW-world, EGI-growth/income, ERE-real estate, EV-value. Columns 4-8 shows percentage returns for the periods shown (12 months, 9, 6, 3, and 1 month). Column 9 is V (volatility); a measure of risk; the lower the V, the less risk. Column 10 is the NAV. Column 11 is the C (comet) ranking. C is the risk-adjusted (V) relative performance (CS). The higher the C indicates the most return for the amount of risk taken.

Generally, our ETF strategy is to own the top ranked ETFs (shown in green) and avoid or short the lower ranked ETFs (shown in red).

## SLM Bond Timing Model (preliminary)



The chart above is LQD (corporate bonds) from 10/2003 through the present. The blue portion represents bullish on bond prices (yields falling). The red portion (red prices between red spikes) represents bearish on bond prices (yields rising).

The chart to the left reflects the beginnings of the new Bond Timing model. Right now it is based on LQD (corporate bond ETF).

The reason for the change was there were too many whipsaws in the old model. And I plan to incorporate more information like international bonds, if the back test proves useful.

I plan to also back test this on information before the recent 30-year secular bull market in bonds. In other words, I don't want a model that only works because the wind of lower and lower and lower yields (higher and higher and higher prices) was at its back.

#### WEEKLY REVIEW

8/18 No changes. Bonds keep rallying.

8/11 No changes.

8/4 The Fed is still tapering, but it won't end until October. So bonds are still rallying on this. It will be an interesting winter.

7/28 No changes.

7/21 No changes.

7/14 No changes.

7/7 Perhaps the strong jobs report will nudge bond participants from their complacency.

6/30 No changes. Amazing the bond rally in the face of QE termination and economy pickup and inflation strength. Either that, or all the statistics are in error.

## Income Charts (DAILY) (under construction)



#### LQD—-Investment Grade Corporate

3/17 See page 2.

3/10 No changes.

3/3 No changes.

2/24/ No changes.

2/18 No changes.

2/10 No changes.

2/3 No changes.



#### AGG—Aggregate Bond Market

3/17 See page 2.

3/10 No changes.

3/3 No changes.

2/24 No changes.

2/18 No changes.

2/10 No changes.

2/3 No changes.



#### JNK--hi-yield bonds

3/17 See page 2.

3/10 No changes.

3/3 Overextended. Will take profits.

2/24 No changes.

2/18 Since JNK is the only bond ETF notching recovery highs here of the 4 shown, I've put a very tight stop on the position. See page 2.



#### PCY----International Bonds

3/17 See page 2.

3/10 No changes.

3/3 No changes.

2/24 No changes.

2/18 No changes.

2/10 The last blue spike is the 'buy' from last week's comment. I am standing aside, however.

Each chart shows daily (or weekly if noted in page title at top) prices, a moving average (smoothed green line on price portion), and blue or green spikes. The spikes show potential buy signals. The red lines are price channels. The charts do not show sell signals.

## Growth Portfolio (changed as of 12/10/12, 9/23/13)

<b>ACTION</b>	FOR				PORTFOLI	O DETAILS					Value as of	date:	8/15/2014
Action			Action	# of	Action				Start	Ending	# of	Current	Percent of
Date	Action	Symbol	Price	Shares	Value	Symbol	Stop Loss	Description	Price	Price	Shares	Value	Total
8-Aug	sell	EEM	43.71	543.690	23,755	World Gro	w th						
8-Aug	sell	EFA		326.040	21,264	EEM		Emrg Mrkt				-	0.0%
8-Aug	sell	MM	112.11	185.490	20,785	EFA		Euro Asia				-	0.0%
8-Aug	sell	QQQ	94.71	236.200	22,361	IWM		Rusl 2000				-	0.0%
8-Aug	sell	SPY	192.96	116.110	22,395	QQQ		Nsdq 100				-	0.0%
						SPY		S&P 500				-	0.0%
11-Aug	sell	ICF	88.30	67	5,906								
11-Aug	sell	DEF	37.74	158	5,953	C-lect 5							
11-Aug	buy	DRW	30.47	191	5,810	ADRE			41.29	41.87	141.000	5,903.67	4.0%
11-Aug	buy	ADRE	41.29	141	5,812	XLE			99.14	96.37	60.000	5,782.20	4.0%
	these b	ouys will b	e about 4%	of ttl portfo	olio	ENY			16.75	16.60	354.000	5,876.40	4.0%
18-Aug	buy	EEM		488.000		EPI			21.91	22.19	254.000	5,636.26	3.9%
18-Aug	buy	EFA		330.000		DRW			30.47	30.78	191.000	5,878.98	4.0%
18-Aug	buy	IWM		191.000									
18-Aug	buy	QQQ		223.000		Tw o poter	ntial ways to	sell: Stop loss	6% low er	or timing n	nodel signals	s sell	
18-Aug	buy	SPY		334.000		Tw o poter	ntial ways to	buy: "Window	to buy" m	ay open or	timing mode	el signals buy.	
	each b	uy will be	about 15%	of ttl portfo	lio								
18-Aug	sell	XLE		all		C-lect Sho	rt						
18-Aug	buy	FXI		141.000		(under cor	nstruction)						
	this buy	y will be al	bout 4% of	ttl portfolio									
after the			(money mar		about 5%								
						Cash from	short			1.00	-	-	0.0%
						Money Ma	rket			1.00	116,980	116,980.00	80.1%
										Total	Valuation=	146,057.51	100.0%

#### WEEKLY REVIEW

8/18 With the rally, trends have again changed from negative to positive. We are back to three positives of five inputs. I am reentering as noted above.

8/11 On Friday, I sold the World Growth Model back to cash as three of the five timing inputs turned negative. For the C-lect 5 (20% of the portfolio), I will remain invested for now (pending their sell signal) and make the two buys and sells as noted above.

8/4 No changes.

	2010	2011	2012	2013	ytd 2014	Incptn
ETF Growth Portfolio	8.1%	6.9	-2.1	25.7	2.8	46.1
World Growth Index	17.2%	-4.1	15.1	30.5	4.6	76.5

The ETF Growth Portfolio changed as of 12/10/12 and again 9/23/13. It is following the new World Growth Model (WGM), which uses the same 5 etfs (EEM, EFA, IWM, QQQ, SPY) as the World Growth Index (WGI). The difference between the two is WGM uses timing and WGI is always fully invested and WGI is rebalanced to 20% in each position daily (this accounts for the different returns when WGM is invested and held). Based on the successful back testing strategy, C-lect 5 was added to the portfolio. Returns are of previous years (to last Friday in year), year to date (ytd) (from last Friday in previous year), and from inception (incptn). It also shows standard deviation (SD). The green highlight (2013, 2014) is to highlight the aforementioned changes.

Fund Name	Symbol	Style	С
Wtree India	EPI	EWR	11.77
PS BLDR Emrg Mkt 50 ADR	ADRE	EW	8.60
Wtree Intrntl REIT	DRW	ERE	8.45
iShares China	FXI	EW	8.39
Guggnhm Candn Enrg Incm	ENY	EWR	8.35
PS FTSE RAFI Emrg Mrkt	PXH	EW	8.07
Market Vectors Semiconductor	SMH	EΑ	7.96
Vngrd Emrg Mrkt	VWO	EW	7.52
iShares Cohen&Str REIT	ICF	ERE	7.51
iShares Canada	EWC	EW	7.46
Select SPDR Enrgy	XLE	EΑ	7.36
Guggnhm Dfnsv Eqty	DEF	ΕV	7.18
Guggnhm BRIC	EEB	EW	7.06
iShares Taiwan Indx	EWT	EW	6.86
PS QQQ	QQQ	ELC	6.66
iShares Singapore	EWS	EW	6.65
Guggnhm China All	YAO	EWR	6.45
SPDR Wish REIT	RWR	ERE	6.41
iShares Brazil Indx	EWZ	EW	6.40
Select SPDR Technigy	XLK	EA	6.35
Market Vectors Oil Services	OIH	EΑ	6.33
Alerian MLP	AMLP	EGI	6.13
iShares Latin Amr	ILF	EW	5.87
iShares Emrg Mrkt Stk	EEM	EW	5.83
iShares Mexico	EWW	EW	5.69
Guggnhm China REIT	TAO	EWR	5.60
iShares Prfrd	PFF	EGI	5.44
Wtree Intrntl Utilities	DBU	EW	5.35
PS DB Base Metals	DBB	EG	5.29
PS Fincl Prfrd	PGF	EGI	5.16
iShares Hong Kong Indx	EWH	EW	5.13
PS Dynmc Energy	PXI	EΑ	5.06
PS Dynmc Semicndctr	PSI	EΑ	4.81
iShares Pacific ex Jpn	EPP	EW	4.69
Vngrd Tech	VGT	EA	4.61
Wtree Japan SC Div	DFJ	EWR	4.41
SPDR S&P Oil & Gas Expl. & Prod.	XOP	EΑ	4.28
Guggnhm Glbl Div	LVL	EW	4.28
PS FTSE RAFI Asia Pac xJpn	PAF	EW	4.13
Wtree Emrg Mrkt Eincm	DEM	EW	4.12

This page and the next three show the equity ETF database rankings from high to low based on C. C is Comet, which is the risk-adjusted relative performance; the higher the C ranking, the better. Comets, not stars, because comets, like funds, come into and out of prominence over time. We want the metaphor to match reality.

The first column shows the name. The second column shows the symbol. The third column shows the style; it begins with E for Equity and then the style (A is aggressive, W is world, WR is world regional, SC is small cap, MC is mid cap, LC is large cap, GI is growth/income, V is value). The fourth column shows the C level.

Vngrd Consmr Stpls	VDC	EΑ	4.03
Select SPDR Cnsmr Stpl	XLP	ΕA	3.86
PS Intrntl Dvdnd	PID	ΕW	3.82
W tree Eqty Income	DHS	EGI	3.74
Guggnhm Frntr	FRN	EW	3.66
W tree Emrg Mrkt SC Div	DGS	EW	3.62
PS Dynmc Lrg Cap Value	PW V	ELC	3.46
PS Emrg Mrkt Infrastrctr	PXR	EW	3.33
PS DW A Emrg Mrkt T Ldrs	PIE	EW	3.32
PS Dynmc Oil & Gas Srvcs	PXJ	ΕA	3.25
W tree Div Ex Fincl	DTN	ELC	3.24
iShares Japan	EW J	EW	3.19
PS Dynmc Energy Explor	PXE	ΕA	3.13
W tree Glbl Eqty Incm	DEW	EW	3.13
Select SPDR Health	XLV	ΕA	3.02
PS Dynmc Biotech	PBE	ΕA	3.02
iShares South Korea Indx	EW Y	ΕW	2.99
PS Glbl Gold Precious Mtls	PSAU	E G	2.92
W tree Japan Hedge Eqty	DXJ	EC	2.86
PS Hi Yld Eqty Div	PEY	EGI	2.86
Vngrd Health	VHT	ΕA	2.85
W tree Intrntl Div Ex Fincl	DOO	ΕW	2.82
PS S&P 500 Low Volatility Portfolio	SPLV	ELC	2.79
W tree LrgCap Div	DLN	ELC	2.76
iShares S&P 100 Indx	OEF	ELC	2.67
Market Vectors Gold Minors	GDX	EG	2.59
iShares Slct Div	IDV	ELC	2.58
W tree DEFA Eqty Incm	DTH	EW	2.56
PS Dynmc Pharma	PJP	ΕA	2.53
iShares DJ Slct Div	DVY	EGI	2.51
iShares Australia	EW A	ΕW	2.38
W tree Intrntl LC Div	DOL	EW	2.38
Guggnhm Intrntl A Incm	HGI	EW	2.27
PS Dividend Achievers	PFM	EGI	2.26
iShares Malaysia Indx	EW M	EW	2.24
W tree MidCap Div	DON	ЕМС	2.17
Guggnhm China Sml	HAO	EW R	2.05
PS Dynmc Basic Matrl	PYZ	ΕA	2.04
W tree S&P 500	EPS	ELC	1.96
Vngrd Grth	VUG	ELC	1.96
W tree World Ex US Grth	DNL	ΕW	1.94
Vngrd TTL Intrntl Stk	VXUS	ΕW	1.83
Market Vectors Russia	RSX	ΕW	1.83
SPDR DJ GIbl Titans	DGT	ΕW	1.79
iShares Spain	EW P	ΕW	1.79
iShares Core S&P 500	IVV	ELC	1.77
Select SPDR Div	SDY	EGI	1.74
SPDR S&P 500	SPY	ELC	1.74
iShares Russell 1000 Value Indx	IW D	ELC	1.72
PS Dynmc Utilities	PUI	ΕA	1.69
Select SPDR Matris	XLB	ΕA	1.67
Guggnhm Multi Ast In	CVY	ΕV	1.63
W tree DEFA	DW M	ΕW	1.54
Vngrd Large Cap	VV	ELC	1.51
Select SPDR Utilities	XLU	ΕA	1.37

W tree Ttl Earn	EXT	ELC	1.37
PS Dynmc Consmr Staples	PSL	ΕA	1.35
PS S&P 500 BuyWrite	PBP	ELC	1.35
PS Glbl Agriculture	PAGG	ΕA	1.27
PS Gldn Drgn USX China	PGJ	ΕW	1.26
iShares Russel MidVal	IW S	EMC	1.22
PS FTSE RAFI Dvlp Mrkt xUSA	PXF	EW	1.17
W tree Middle East Div	GULF	EW	1.00
iShares Russell 1000 Grwth Indx	IW F	ELC	0.99
iShares Telecom m	IYZ	ΕA	0.96
Select SPDR Indl	XLI	ΕA	0.95
Vngrd Europe Pacific	VEA	ΕW	0.92
Vngrd Div Appretn	VIG	EGI	0.89
Guggnhm MidCap Core	CZA	EMC	0.84
Vngrd Materials	VAW	ΕA	0.84
PS DB Oil	DBO	ΕA	0.83
iShares Europe 350	ΙΕV	ΕW	0.79
iShares EAFE Indx	EFA	ΕW	0.78
PS BLDR Dvlpd Mrkt 100 ADR	ADRD	ΕW	0.75
PS DWA Tech Ldr	PDP	ELC	0.69
W tree Intrntl M C Div	DIM	ΕW	0.69
SPDR DJ Industrials	DIA	ELC	0.68
Vngrd European Indx	VGK	ΕW	0.59
PS Dynmc Food & Bev	PBJ	ΕA	0.53
Guggnhm Shipping	SEA	ΕA	0.53
Vngrd TTL Stock	VTI	ELC	0.53
SPDR Euro Stoxx 50	FEZ	ΕW	0.52
PS Dynmc Lrg Cap Grth	PW B	ELC	0.50
PS S&P Sm ICap Hith Care	PSCH	ΕA	0.49
PS Dynmc Media	PBS	ΕA	0.32
Select SPDR Cnsmr Disc	XLY	ΕA	0.22
iShares Silver	SLV	EG	0.20
PS DB Silver	DBS	EG	0.15
PS Buyback Achievers	PKW	EGI	0.14
US Oil Fund	USO	ΕA	0.14
PS Dyn Mrkt	PWC	ELC	0.12
PS FTSE RAFIDVIP Mrkt xUSA Sml	PDN	EW	0.10
Vngrd Small Cap Value	VBR	ESC	0.10
PS Dynmc Technology	PTF	ΕA	0.07
PS Dynmc Consmr Discr	PEZ	ΕA	0.06
PS S&P Sm ICap Info Tech	PSCT	ΕA	0.05
Vngrd MidCap Val	VO	EMC	-0.02
PS NASDAQ Intrnt	PNQI	ΕA	-0.08
Vngrd Consmr Dis	VCR	ΕA	-0.18
iShares Core S&P Mid Cap	IJH	EMC	-0.23
PS Dynmc Software	PSJ	ΕA	-0.24
SPDR Mid Cap Trust	MDY	EMC	-0.25
SPDR S&P Metals & Mining	XME	ΕA	-0.26
Select SPDR Financis	XLF	ΕA	-0.28
Guggnhm Glbl W tr	CGW	ΕW	-0.30
PS S&P Sm ICap M trls	PSCM	ΕA	-0.32
W tree MidCap Earn	EZM	EMC	-0.35
Vngrd Fincl Srv	VFH	ΕA	-0.38
PS Dynmc Retail	PMR	ΕA	-0.40
PS Dynmc Healthcare	PTH	ΕA	-0.40

Guggnhm Insdr Sent	NFO	EMC	-0.43
Vngrd Small Cap	VB	ESC	-0.47
Pro Shares Short Russell 2000	RWM	ESC	-0.49
SPDR S&P Retail	XRT	ΕA	-0.50
PS S&P Sm ICap Utilties	PSCU	ΕA	-0.50
Vngrd Extnd 4500	VXF	ELC	-0.59
Guggnhm RJ All	RYJ	ELC	-0.63
W tree Sm I Cap Div	DES	ESC	-0.69
iShares EMU Indx	EZU	EW	-0.72
W tree Intrntl SC Div	DLS	EW	-0.76
iShares Gold	IAU	EG	-0.82
SPDR Gold	GLD	EG	-0.87
PS Dynmc FncI	PFI	ΕA	-0.90
PS DB Energy	DBE	ΕA	-0.94
PS S&P Sm ICap Cnsmr StpI	PSCC	ΕA	-0.95
PS Glbl Water	PIO	ΕW	-0.96
PS WilderHill Prgsv Enrgy	PUW	ΕA	-0.99
PS DB Precious Metals	DBP	EG	-1.00
PS S&P Sm ICap Energy	PSCE	ΕA	-1.00
Vngrd Small Cap Grth	VBK	ESC	-1.03
Market Vectors Junior Gold Miners	GDXJ	EG	-1.04
PS DB Gold	DGL	EG	-1.09
PS FTSE RAFIUS 1500 Sml-Mid	PRFZ	EMC	-1.12
iShares Russell 2000 Value Indx	IW N	ESC	-1.21
iShares Russell 2000	IW M	ESC	-1.23
PS Glbl Clean Enrgy	PBD	ΕW	-1.24
PS Glbl Listd Prvt Eqty	PSP	ΕW	-1.29
iShares Germany Indx	EW G	EW	-1.31
PS Aerospace & Def	PPA	ΕA	-1.33
PS DB Commodity	DBC	ΕA	-1.39
PS DB Agriculture	DBA	ΕA	-1.41
PS S&P Sm ICap FincI	PSCF	ΕA	-1.41
PS Cleantech	PZD	ΕA	-1.48
PS Water Resources	PHO	ΕA	-1.65
Guggnhm Timber	CUT	ΕA	-1.68
Guggnhm Spin Off	CSD	EMC	-1.74
PS Dynmc Leisure & Enter	PEJ	ΕA	-1.80
Pro Shares Short S&P 500	SH	EC	-1.85
PS DWA Dvlpd Mrkt T Ldrs	PIZ	ELC	-1.97
PS S&P SmlCap Cnsmr Dis	PSCD	ΕA	-2.20
PS Dynmc Networking	PXQ	ΕA	-2.34
PS S&P SmlCap Indstrils	PSCI	ΕA	-2.42
SPDR S&P Bank	KBE	EA	-2.48
PS Zacks Micro Cap	PZI	ESC	-2.64
W tree Eur SC Div	DFE	EW	-2.73
PS Dynmc Bldg Cnstrctn	PKB	E A	-2.77
iShares Italy Indx	EWI	ΕW	-2.88
SPDR S&P Homebuilders	XHB	EΑ	-3.01
SPDR S&P Regional Banking	KRE	EΑ	-3.02
iShares DJ US Home Constr.	ITB TAN	EΑ	-3.26
Guggnhm Solar	TAN	EΑ	-7.25 -7.40
PS WilderHill Cln Enrgy US Natural Gas	PBW	E A E A	-7.40 -8.86
US NATUTAL GAS	UNG	EA	-8.86

## S&P 500 (SPY) and NYSE Margin Debt (reiteration)



7/28/14: Updated through latest data of 6/30/14. NYSE margin debt rebounded in June, but did not make a new high marked in March (data is offset plus one month). This is similar to previous peaks' patterns. If the time frame is the same (2-4 months from margin debt peak to market peak), July should mark the market top.

7/14/14: I went back and looked a third time at the two previous tops. For both, the trigger of the subsequent severe sell off was 5%. So if SPY closes 5% lower than its recent peak at 196.5 (below 186.7), odds are that won't be a buying opportunity.

7/7/14: A member asked about depth of loss and duration to bottom of the previous two signals. The first bear lasted 16 months and lost 51%. The second bear lasted 25 months and lost 45%. So IF the market follows the previous averages and peaks this month, the bottom would fall somewhere between 10/15 and 7/16 with the Dow Industrials around 8,400 (current about 16,800).

June 2014 EXPLANATION: The chart shows the total return (dividends included) of SPY (the S&P 500 etf) (blue line, right scale) and NYSE margin debt (red line, left scale) from 1/29/1993 through 5/31/2014. I shift the margin debt data forward by one month.

As you can see, the two series are closely correlated. But the point is to show that at the two previous major peaks in 2000 and 2007 (large blue down arrows) that preceded 50% losses in SPY, the debt series peaked from 2 to 4 months ahead of the market's peak.

The smaller down arrow marks a coincident peak in 2011 when the market plunged near 20% but did recover. Again, the major peaks were preceded by reductions in margin debt. This is similar to what is happening now. NYSE margin debt peaked in March 2014 (again I shift the data forward one month to make it more timely). The stock market as measured by SPY has continued to climb during April and May.

So, we are now 2 months from the NYSE margin debt peak and entering month 3 with June. If past parameters hold, we are either peaking now or will peak by 7/31. The move thereafter would be another 50% decline.

The reason for this is maintenance. An account with margin debt must maintain enough equity to offset any market decline. If the equity is not enough, then the account must sell to raise cash (or the holder must add cash).

## Overflow from Page 1, Definitions, and Newsletter Updates

(Continued from page 1) REVIEW

their tapering action will cease in October, thus ending the successful Quantitative Easing program.

The one big red flag still waves, which is the NYSE margin debt issue. See page 11. This is the most troublesome aspect to watch because it is tied directly to the market. If the market declines, margin calls will go out. Given the very high debt levels, it will be a vicious spiral downward I suspect.

For this margin debt indicator, the Dow Jones Industrials 5% loss level would be the trigger point, based on the two previous peaks. This is at the 16,300 level. At its worse in this correction, the

DJI dropped to 16,333. And then has bounced higher. Coincidence?

In the meantime, the market trends have reversed back from negative to positive. This action and my response is just like the down trend. When the down trend starts, we have no way to know when or where it will end. We sell. Likewise with an up trend. When it starts, we have no way of knowing when or where it will stop. We buy.

There is the occasional whipsaws of taking action and then reversing that action within days or weeks, but it's simply the nature of investing. As mentioned, please see the portfolio pages for specific buys and sells and allocations.

Just to clarify a couple of terms that I use regularly.

Short-term is days to weeks. Intermediate-term is weeks to months.

Long-term is months to years.

Cyclical is 1-5 years.

Secular is 5 years to decades.

Bull market is a series of higher highs and higher lows.

Bear market is a series of lower lows and lower highs.

Neutral market is sideways without a discernible pattern.

Oddly, bull and bear markets may occur simultaneously, but only over different time periods. For example, we may be in a secular bear market, but there are cyclical bull and bear markets within that.

Closing stops are "mental". I look at the position at quarter to the close. If it is trading below the stop (or above if short), then I act with the assumption the security will trigger that closing stop on that day. I sell (or cover) at the close that day.

Portfolio stops for the World Growth Model are internally maintained; they are based on the World Growth Index, not the individual ETFs. Stops will be emailed when close or if triggered.

8/18 No changes.

8/11 No changes.

8/4 No changes.

7/28 No changes.

7/21 No changes.

7/14 No changes.

7/7 No changes.

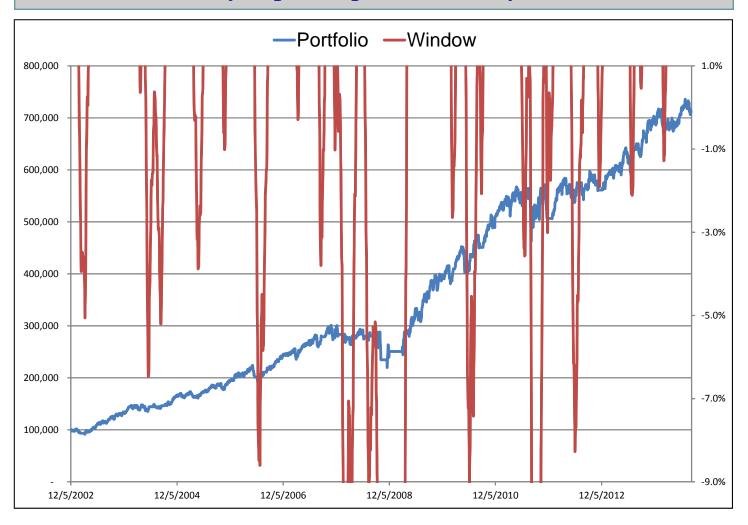
6/30 No changes.

6/22 No changes

6/23 No changes.

6/16 No changes.

## Window to Buy (opened per WGM buy as of 8/18/14)



The chart above shows the World Growth Model (Portfolio-blue line) and the Window to Buy (Window-red spikes). The chart covers the period from 12/5/2002 through the present.

The Window to Buy is to answer the question, when should I buy if I missed the initial timing model buy signal, or when do I buy more after my initial position to increase my position with additional money?

Being risk-averse, I wanted a way to answer this sensibly, which is try to buy on measured corrections, rather than chase the market higher and higher. The Window to Buy is the answer. The caveat is that in a strong, early bull market, this approach may miss the early gains, unless you are already following the World Growth Model strategy (and bought on the initial buy). But the rest of the time, the Window is a solid approach to managing portfolio risk.

The base line for the Window is 0%. The chart shows +1% to -9%. When the base line is above zero, the Window is closed. It doesn't mean the market can't or won't go higher. It just means that the downside risk to the potential stop or sell signal is fairly wide. When the WGM drops enough, then the Window to buy opens.

When the Window opens, it represents a lower-risk entry period. If the market recovers, the Window will close again. If the market continues lower, either the sell stop will be triggered or the timing model will signal a sell. The timing model sell signal overrides the Window to Buy.

What ideally happens in up markets is the timing model remains on a buy, while the market corrects and opens the Window to Buy. It then reverses and heads higher with more investment dollars on board for the rally.

## Descriptions & Disclosures

#### **PORTFOLIO DESCRIPTIONS (pages 2 and 6)**

Our guiding goal is to provide the most return with the least risk consistently through bull and bear markets.

Income Portfolio, page2: Uses a proprietary selection methodology on all of the monitored bond-oriented ETFs to pick the top ETFs. I then use a proprietary timing model to decide whether to buy, sell, hold, or avoid. From time to time, timing considerations may take precedence over selections; in other words, we may own lower ranked funds because of anticipated timing changes.

Growth Portfolio, page 6: As of 12/10/12, it is based on the World Growth Index (WGI), which is made up of a static fully invested 20% in each of five ETFs (EEM, EFA, IWM, QQQ, SPY). The Portfolio will buy and sell the WGI based on proprietary timing signals. On 9/23/13, the new C-lect 5 is also part of this portfolio. It too uses timing.

Both portfolios were started on 1/1/10 with \$100,000. As mentioned, the Growth Portfolio strategy was changed on 12/10/12 to the World Growth Model and again on 9/23/13 to incorporate the C-lect 5 model.

Portfolio changes will usually be made at the close on Monday, unless otherwise noted in any emailed hotline update or triggered stop orders. Issues are normally posted on Mondays by 1:35pm cst (Tuesday if Monday is a holiday, defined as market closed). Portfolios are updated through the Friday close the week before.

Dividends are reinvested in additional shares.

Commissions of \$10 per trade are applied. Interest is currently zero for the money market (cash) position.

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Unless otherwise noted, the weekly eNewsletter is posted by 1:35 PM central time each Monday, except for holidays (closed stock market) and then on Tuesday. It may contain actionable, specific buy or sell advice to take that day at the Monday (or Tuesday) close in each portfolio. We may also use stop orders. For stops, check the ETF at quarter to the close. If it is below (or above) a stop level, assume it will close there and act on that. Portfolio data will be updated through the previous Friday's close. Fund symbols, rather than names, are the official identification used for activity.

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