ETFG Liquidation Watch List

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ETFGlobal

Background: Unlike some other investment instruments, a key risk when investing in ETPs is "Liquidation Risk" – the risk of an ETP being liquidated by its sponsor. ETP liquidation can occur for a variety of reasons and this risk has become more pervasive as ETP sponsors have flooded the market with ETPs aimed at the perceived appetite of investors. Unfortunately, the market has often failed to absorb the supply of new ETPs.

"Liquidation" Watch: As part of ETF Global's overall risk assessment for individual ETPs, ETFG identifies those ETPs that may be in jeopardy of termination in the foreseeable future. ETFG considers three primary factors to be the most indicative of a potential ETP liquidation:

- Current Assets Under Management of less than \$5 million
- Age Excludes all ETPs in existence less than 2 years
- Negative, Trailing Twelve Month (TTM) Performance

For questions or inquiries regarding the ETF Global Liquidation Watch List, please call our research support desk at (412) 407-4444 or e-mail our research support team at research@etfg.com



| ETFG Liquidation Watch List - August 2016 | | | | | ETFGlobal ° | | | | |
|---|--|---|--------------|-------------------|--------------------|--------------|-----------------|--|--|
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| # | TKR | Name | Asset Class | ETFG Category | AUM | Inception | TTM | | |
| 1 | ADZ | DB Agriculture Short ETN | Commodities | Agriculture | 874,720 | 4/14/2008 | -4.08% | | |
| 2 | BDD | DB Base Metals Double Long ETN | Commodities | Industrial Metals | 3,224,900 | 6/16/2008 | - 2.17% | | |
| 3 | BDG | DB Base Metals Long ETN | Commodities | Industrial Metals | 340,000 | 6/16/2008 | -5.69% | | |
| 4 | BOM | DB Base Metals Double Short ETN | Commodities | Industrial Metals | 2,538,100 | 6/16/2008 | -7.76% | | |
| 5 | CHEP | QuantShares U.S. Market Neutral Value Fund | Equity | Strategy | 2,377,000 | 9/13/2011 | -6.05% | | |
| 6 | CHIE | Global X China Energy ETF | Equity | Sector | 1,550,099 | 12/15/2009 | -18.73% | | |
| 7 | СНІІ | Global X China Industrials ETF | Equity | Sector | 3,615,277 | 11/30/2009 | -18.53% | | |
| 8 | СНІМ | Global X China Materials ETF | Equity | Sector | 1,271,949 | 1/12/2010 | -16.92% | | |
| 9 | CNTR | PowerShares Contrarian Opportunities Portfolio | Equity | Broad Equity | 1,291,526 | 1/15/2014 | -1.41% | | |
| 10 | CPER | United States Copper Index Fund | Commodities | Industrial Metals | 2,922,980 | 11/15/2011 | -9.52% | | |
| 11 | CSCR | Credit Suisse X-Links Commodity Rotation ETN | Commodities | Broad Commodities | 1,073,836 | 6/11/2013 | -3.26% | | |
| 12 | CUPM | iPath Pure Beta Copper ETN | Commodities | Industrial Metals | 1,896,754 | 4/20/2011 | -6.92% | | |
| 13 | DBAP | Deutsche X-trackers MSCI Asia Pacific ex Japan Hedged Equity Fund | Equity | Broad Equity | 4,661,983 | 10/1/2013 | - 7.80% | | |
| 14 | DBMX | Deutsche X-trackers MSCI Mexico Hedged Equity Fund | Equity | Broad Equity | 4,340,022 | 1/23/2014 | -3.85% | | |
| 15 | DCNG | iPath Seasonal Natural Gas ETN | Commodities | Energy | 646,829 | 4/20/2011 | -10.06% | | |
| 16 | DFVS | iPath US Treasury 5 year Bear ETN | Fixed Income | U.S. Government | 1,741,936 | 7/11/2011 | -22.96% | | |
| 17 | DXJC | WisdomTree Japan Hedged Capital Goods Fund | Equity | Sector | 2,006,900 | 4/8/2014 | - 26.57% | | |
| 18 | DYY | DB Commodity Double Long ETN | Commodities | Broad Commodities | 1,471,035 | 4/28/2008 | -24.64% | | |
| 19 | EMFT | SPDR MSCI EM 50 ETF | Equity | Size and Style | 2,119,500 | 2/27/2012 | -4.83% | | |
| 20 | EMLB | iPath Long Enhanced MSCI Emerging Markets Index ETN | Equity | Broad Equity | 1,242,880 | 11/29/2010 | -31.18% | | |
| 21 | ERO | iPath EUR/USD Exchange Rate ETN | Currency | Euro | 2,494,341 | 5/8/2007 | -1.57% | | |
| 22 | FCA | First Trust China AlphaDEX Fund | Equity | Broad Equity | 3,846,958 | 4/18/2011 | -17.48% | | |
| 23 | FINZ | ProShares UltraPro Short Financial Select Sector | Equity | Sector | 2,173,764 | 7/10/2012 | -15.32% | | |
| 24 | FKO | First Trust South Korea AlphaDEX Fund | Equity | Broad Equity | 2,356,047 | 4/18/2011 | - 2.51% | | |
| 25 | FOIL | iPath Pure Beta Aluminum ETN | Commodities | Industrial Metals | 1,291,997 | 4/20/2011 | -6.34% | | |
| 26 | FTW | First Trust Taiwan AlphaDEX Fund | Equity | Broad Equity | 4,815,064 | 2/14/2012 | -5.23% | | |
| 27 | FUE | ELEMENTS Linked to the MLCX Biofuels Index Total Return | Commodities | Agriculture | 1,288,600 | 2/5/2008 | - 0.26% | | |
| 28 | GBB | iPath GBP/USD Exchange Rate ETN | Currency | Pound Sterling | 2,167,290 | 5/8/2007 | -15.60% | | |
| 29 | GRN | iPath Global Carbon ETN | Commodities | Energy | 1,411,526 | 6/24/2008 | -41.62% | | |
| 30 | GURI | Global X Guru International Index ETF | Equity | Strategy | 1,353,311 | 3/10/2014 | -3.77% | | |
| 31 | HEVY | iPath Pure Beta Industrial Metals ETN | Commodities | Industrial Metals | 434,604 | 4/20/2011 | -4.99% | | |
| 32 | HUSE | US Equity Rotation Strategy ETF | Equity | Strategy | 4,819,213 | 7/23/2012 | -0.28% | | |
| 33 | ICI | iPath Optimized Currency Carry ETN | Currency | Alternative | 1,922,365 | 1/31/2008 | -3.75% | | |
| 34 | IGS | ProShares Short Investment Grade Corporate | Fixed Income | Corporate | 2,549,920 | 3/28/2011 | -10.75% | | |
| 35 | IOIL | IQ Global Oil Small Cap ETF | Equity | Sector | 2,539,500 | 5/5/2011 | - 23.16% | | |
| | | | | | | | | | |

| 36 | IVOP | iPath Inverse S&P 500 VIX Short-Term FuturesTM ETN II | Multi Asset | Absolute Returns | 500,859 | 9/16/2011 | -1.83% |
|----|------|---|--------------|-------------------|-----------|------------|-----------------|
| 37 | JEM | iPath GEMS Index ETN | Currency | Basket | 2,379,335 | 2/1/2008 | -6.44% |
| 38 | JGBB | WisdomTree Japan Interest Rate Strategy Fund | Fixed Income | Sovereign | 4,362,000 | 12/18/2013 | -11.81% |
| 39 | ΠΠ | iPath Bloomberg Aluminum Subindex Total Return ETN | Commodities | Industrial Metals | 2,204,100 | 6/24/2008 | -7.91% |
| 40 | JPX | ProShares UltraShort MSCI Pacific ex-Japan | Equity | Broad Equity | 955,847 | 6/16/2009 | -17.01% |
| 41 | КВА | KraneShares Bosera MSCI China A ETF | Equity | Broad Equity | 4,319,971 | 3/5/2014 | -44.94% |
| 42 | KFYP | KraneShare Zacks New China ETF | Equity | Strategy | 2,834,887 | 7/22/2013 | -5.26% |
| 43 | KOLD | ProShares UltraShort Bloomberg Natural Gas | Commodities | Energy | 845,103 | 10/4/2011 | -53.30% |
| 44 | KRS | ProShares Short KBW Regional Banking | Equity | Sector | 2,353,990 | 4/20/2010 | -1.51% |
| 45 | LSTK | iPath Pure Beta Livestock ETN | Commodities | Agriculture | 3,276,811 | 4/20/2011 | - 8.92% |
| 46 | MFLA | iPath Long Enhanced MSCI EAFE Index ETN | Equity | Broad Equity | 1,333,056 | 11/29/2010 | -30.74% |
| 47 | МОМ | QuantShares U.S. Market Neutral Momentum Fund | Equity | Strategy | 3,777,010 | 9/7/2011 | -4.26% |
| 48 | NINI | iPath Pure Beta Nickel ETN | Commodities | Industrial Metals | 986,255 | 4/20/2011 | - 7.10% |
| 49 | ONG | iPath Pure Beta Energy ETN | Commodities | Energy | 1,140,434 | 4/20/2011 | -26.37% |
| 50 | PGD | iPath Asian & Gulf Currency Revaluation ETN | Currency | Basket | 916,208 | 2/5/2008 | -0.41% |
| 51 | QESP | SPDR MSCI Spain Quality Mix ETF | Equity | Broad Equity | 2,005,000 | 6/12/2014 | - 20.59% |
| 52 | QGBR | SPDR MSCI United Kingdom Quality Mix ETF | Equity | Broad Equity | 2,419,500 | 6/12/2014 | -12.27% |
| 53 | REW | ProShares UltraShort Technology | Equity | Sector | 3,808,769 | 1/30/2007 | -25.68% |
| 54 | RINF | ProShares Inflation Expectations ETF | Fixed Income | Spreads | 3,415,027 | 1/10/2012 | -11.70% |
| 55 | ROLA | iPath Long Extended Russell 1000 TR Index ETN | Equity | Size and Style | 1,148,916 | 11/29/2010 | -5.19% |
| 56 | RRF | WisdomTree Global Real Return Fund | Multi Asset | Absolute Returns | 4,100,000 | 7/14/2011 | -0.44% |
| 57 | RTLA | iPath Long Extended Russell 2000 TR Index ETN | Equity | Size and Style | 1,585,321 | 11/29/2010 | - 8.45% |
| 58 | RXD | ProShares UltraShort Health Care | Equity | Sector | 2,517,813 | 1/30/2007 | -10.17% |
| 59 | SAGG | Direxion Daily Total Bond Market Bear 1x Shares | Fixed Income | Broad Debt | 3,115,831 | 3/23/2011 | -5.72% |
| 60 | SBV | iPath Pure Beta S&P GSCI-Weighted ETN | Commodities | Broad Commodities | 2,016,777 | 4/20/2011 | -15.13% |
| 61 | SCC | ProShares UltraShort Consumer Services | Equity | Sector | 2,321,744 | 1/30/2007 | -11.42% |
| 62 | SDD | ProShares UltraShort SmallCap600 | Equity | Size and Style | 3,445,728 | 1/23/2007 | -22.40% |
| 63 | SDP | ProShares UltraShort Utilities | Equity | Sector | 4,223,693 | 1/30/2007 | -41.76% |
| 64 | SIJ | ProShares UltraShort Industrials | Equity | Sector | 4,164,916 | | -26.26% |
| 65 | SIZ | QuantShares U.S. Market Neutral Size Fund | Equity | Strategy | 2,154,102 | | -6.30% |
| 66 | SMDD | ProShares UltraPro Short MidCap400 | Equity | Size and Style | 3,609,880 | 2/9/2010 | - 31.41% |
| 67 | SMK | ProShares UltraShort MSCI Mexico Capped IMI | Equity | Broad Equity | 1,230,655 | 6/16/2009 | -4.16% |
| 68 | SMLL | Direxion Small Cap Bull 2x Shares | Equity | Size and Style | 1,890,690 | | -16.07% |
| 69 | SSG | ProShares UltraShort Semiconductors | Equity | Sector | 2,230,130 | | -43.98% |
| 70 | | iPath US Treasury Steepener ETN | Fixed Income | Spreads | 3,459,210 | | -17.49% |
| 71 | | SPDR MFS Systematic Value Equity ETF | Equity | Size and Style | 2,690,860 | | -4.15% |
| 72 | SZK | ProShares UltraShort Consumer Goods | Equity | Sector | 2,054,027 | 1/30/2007 | -18.64% |
| 73 | TAGS | Teucrium Agricultural Fund | Commodities | Agriculture | 1,315,632 | 3/28/2012 | -2.92% |
| 74 | TBZ | ProShares UltraShort 3-7 Treasury | Fixed Income | U.S. Government | 2,592,000 | 4/4/2011 | -8.92% |

| 75 | THHY | VanEck Vectors Treasury-Hedged High Yield Bond ETF | Fixed Income | U.S. Government | 4,500,420 | 3/21/2013 | -4.13% |
|----|------|--|--------------|-------------------|-----------|------------|-----------------|
| 76 | TPS | ProShares UltraShort TIPS | Fixed Income | U.S. Government | 1,223,000 | 2/9/2011 | - 9.81% |
| 77 | TVIZ | VelocityShares Daily 2x VIX Medium Term ETN | Multi Asset | Absolute Returns | 1,114,007 | 11/29/2010 | - 26.18% |
| 78 | TYNS | Direxion Daily 7-10 Year Treasury Bear 1x Shares | Fixed Income | U.S. Government | 1,377,028 | 3/23/2011 | -8.81% |
| 79 | UBC | ETRACS CMCI Livestock Total Return ETN | Commodities | Agriculture | 4,110,823 | 4/1/2008 | - 10.79% |
| 80 | UBM | ETRACS CMCI Industrial Metals Total Return ETN | Commodities | Industrial Metals | 3,354,020 | 4/1/2008 | - 6.81% |
| 81 | UBN | ETRACS CMCI Energy Total Return ETN | Commodities | Energy | 2,801,574 | 4/1/2008 | -24.52% |
| 82 | UHN | United States Diesel-Heating Oil Fund LP | Commodities | Energy | 3,350,500 | 4/9/2008 | -31.56% |
| 83 | UMX | ProShares Ultra MSCI Mexico Capped IMI | Equity | Broad Equity | 3,423,000 | 4/27/2010 | - 21.39% |
| 84 | URR | VanEck Vectors Double Long Euro ETN | Currency | Euro | 2,297,294 | 5/6/2008 | -1.07% |
| 85 | USAG | United States Agriculture Index Fund | Commodities | Agriculture | 1,916,010 | 4/13/2012 | - 3.96% |
| 86 | USFR | WisdomTree Bloomberg Floating Rate Treasury Fund | Fixed Income | U.S. Government | 1,249,500 | 2/4/2014 | -0.32% |
| 87 | IXU | ProShares Ultra MSCI Pacific ex-Japan | Equity | Broad Equity | 1,675,000 | 4/27/2010 | -4.04% |
| 88 | VIIZ | VelocityShares VIX Medium Term ETN | Multi Asset | Absolute Returns | 544,000 | 11/29/2010 | -5.88% |
| 89 | VIXH | First Trust CBOE S&P 500 VIX Tail Hedge Fund | Multi Asset | Asset Allocation | 3,629,343 | 8/29/2012 | -3.91% |
| 90 | VLU | SPDR S&P 1500 Value Tilt ETF | Equity | Broad Equity | 4,094,555 | 10/24/2012 | -2.28% |
| 91 | WEET | iPath Pure Beta Grains ETN | Commodities | Agriculture | 798,109 | 4/20/2011 | -7.05% |

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