

# CRSP/COMPUSTAT MERGED DATABASE RELEASE NOTES

JANUARY 2009 QUARTERLY UPDATE

## ABOUT THE JANUARY 2009 CRSP/COMPUSTAT MERGED DATABASE

This shipment includes two versions of the CRSP\CompuSTAT Merged Database:

- **CPZ200901** – the legacy CST format database
- **CMZ200901** – the new CCM format database using CompuSTAT's Xpressfeed delivery.

## DATABASE DIFFERENCES BETWEEN CCM & CST

The following table summarizes general differences between the old CST legacy and new CCM databases.

Attribute	CCM FormatDatabase (new)	CST Format Database
<b>Source</b>	<b>CompuSTAT Xpressfeed</b>	<b>CompuSTAT Legacy</b>
Volume Label	CMZyyyyymm	CPZyyyyymm
Size	6.2 Gb	2.4 Gb
Delivery Media	DVD	CD
CRSPAccess version	3.1 and higher – ts_print ccm_print	2.95, 2.97 – ts_print cst_print  3.1 and higher– ts_print_cst cst_print
CRSPSift Version (Windows only)	2.1 and higher – Standard, Professional, Enterprise versions	1.2, 2.0, 2.1 versions
SASECRSP Engine	Available in 2009	yes
C	Yes – CA3.1 and higher	yes
Fortran-95	Available 2009	yes
Number of Data Items	Over 4000 quarterly & annual data items	~ 1000 quarterly & annual data items

## PROGRAMMERS

- C-programming is supported with all CRSPAccess versions. New C sample programs are included in CRSPAccess 3.1 for use with the Xpressfeed data.
- Fortran programs are not currently supported in CRSPAccess 3.1. Subscribers using Fortran to access CompuSTAT data should continue to use your current version of CRSPAccess along with the legacy CST formatted database. FORTRAN programming support will be available in a future release of CRSPAccess.
- SASECRSP users should also continue to use your current version of CRSPAccess along with the legacy CST formatted database. SASECRSP engine support for Xpressfeed data will be available in a future release of CRSPAccess.

## PARAMETERS

Legacy CPZ 200901	
Number of CRSP Securities	24004
Number of GVKEYS	33804
Number of Links	63262
Database Size	2.4 GB

NEW CMZ 200901	
Total CompuSTAT Records	37692
Total GVKEY Companies	35494
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	41775
Total CRSP Securities Linked	24221
Total GVKEYs in Link	34657
Total Link Records	76483
Total Link Records with a Link to CRSP	28616
Database Size	6.31 GB



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## CALENDARS

The CCM database utilizes the CRSP stock calendars to align properly with CRSP data. Data in the CRSP daily Stock (and Indices) file use daily and annual calendars. Data in the monthly files use monthly, quarterly and annual calendars.

Calendar	Date Range	Date Index Range
Daily trading calendar	19251231-20090109	1-22031
Monthly trading calendar	19251231-20121231	1-1057
Annual trading calendar	19251231-20091231	1-85
Quarterly trading calendar	19251231-20091231	1-337
Semi-Annual trading calendar	19251231-20091231	1-169
Weekly trading calendar	19260102-20090109	1-4332

## NEW ITEM/KEYSET COMBINATIONS

The following items in the CCM database were not new to the December data cut, but the Keyset combinations are now populated so available in this cut for the first time.

Item Mnemonic	Item Name	New Keyset, Tag, Description
CSHO_FN	Common Shares Outstanding - Footnote	7, SFAS, (Industrial Format, Pre- FASB, Standardized Presentation)
HFSTAYQ_FN	Average Length of Stay_Quarterly_Footnote	1, STD, (Industrial Format, Consolidated, Standardized Presentation)
HFSTAYY_FN	Average Length of Stay_Year-to-date_Footnote	1, STD, (Industrial Format, Consolidated, Standardized Presentation)
SETA_DC	Settlement (Litigation/Insurance) After-tax_Data Code	5, PFD, (Industrial Format, Pro Forma, Standardized Presentation)
SETP_DC	Settlement (Litigation/Insurance) Pre-tax_Data Code	5, PFD, (Industrial Format, Pro Forma, Standardized Presentation)
TFVCEQ_FN	Total Fair Value Changes Including Earnings_Quarterly_Footnote	7, SFAS, (Industrial Format, Pre- FASB, Standardized Presentation)
TFVCESA_DC	Total Fair Value Changes Including Earnings_Annual_Data Code	5, PFD, (Industrial Format, Pro Forma, Standardized Presentation)

The following items in the CCM database are not new to the January data cut, but the Keyset combinations are now populated so available in this cut for the first time.

ITEM MNEMONIC	ITEM NAME	NEW KEYSET, TAG, DESCRIPTION
AOCIDERGLQ_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code - Qtrly	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation
AOCIDERGLQ_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code- Qtrly	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
AOCIDERGL_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code - Annual	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation
AOCIDERGL_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code - Annual	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
AOCIPENQ_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code - Qtrly	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation
AOCIPENQ_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code – Qtrly	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
AOCIPEN_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code - Annual	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation
AOCIPEN_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code - Annual	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
AOCISEGLQ_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Qtrly	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation

AOCISEGLQ_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Qtrly	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
AOCISEGL_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Annual	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation
AOCISEGL_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Annual	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
FFPSS_DC	Federal Funds Purchased and Securities Sold Under Agreements to Repurchase – Data Code	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
RECTAQ_DC	Accumulated Other Comp Inc –Cumulative Translation Adjustments – Data Code - Qtrly	5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation
RECTAQ_DC	Accumulated Other Comp Inc –Cumulative Translation Adjustments – Data Code - Qtrly	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
RECTA_DC	Accumulated Other Comp Inc –Cumulative Translation Adjustments – Data Code - Annual	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
TCOR_FN	Total Current Operating Revenue – Annual - Footnote	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
TFVCEQ_DC	Total Fair Value Changes including Earnings – Data Code - Qtrly	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
TFVCEY_DC	Total Fair Value Changes including Earnings – Data Code – Year-to-Date	46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation
TRANSA_DC	Cumulative Translation Adjustment Data Code	15, FSFO, Financial Services Format, Pro Format Reporting, Standard Presentation

## CHANGES TO LINK HISTORY OUTPUT

The link history extracted from the new CCM database differs from that extracted using the Legacy CST format database. The old history, using `cst_print` and the command `/I` returned the format:

```
LINKDT      LINKENDDT    PERMNO  PERMCO  LINKTYPE  LINKFLAG
19500101    99999999    12490   20990   LC        BBB
```

The new link history extracted, using `/li` in the `ccm_print` for the command-line utilities, and `CCMQuery` in `CRSPSift`, returns the following output:

### Link History

```
-----
LINKDT      LINKENDDT    LPERMNO  LPERMCO  LIID      LINKTYPE  LINKPRIM
19500101    19620130    12490    20990    00X      LC        C
19620131    99999999    12490    20990    01       LC        P
```

Linkflag is not included in the link history. Two additional fields are now included:

- LIID – Security-level identifier
- LINKPRIM – Primary link marker
  - ♦ C – Marked as primary by CRSP, not marked by Compustat
  - ♦ P – Marked as primarily by Compustat

Generally speaking, for backward compatibility, if the linktype begins with the letter “L”, the linkflag would have been equal to “BBB”. If the linktype begins with the letter “N”, the linkflag would have been equal to “XXX”.

The linkflag was simply used to help determine which iterations of the database the link represented (annual, quarterly and monthly).

## LINK EDITS

Link edits are provided for the new CCM database as well as the legacy CST database. Because no security level edits exist in the legacy CST database, its link edits are a subset of the edits for the CCM database. Edits for the CST database begin on page 10.

### JANUARY 2009 CCM LINK HISTORY

#### **ALLIED WASTE INDUSTRIES INC (GVKEY 22140)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19910909	0	0	00X	NU	C
19910910	99999999	76887	11108	02	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19910909	0	0	00X	NR	C
19910910	20081205	76887	11108	02	LC	P

#### **ALPHARMA INC -CL A (GVKEY 1034)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830101	19840214	0	0	00X	NU	C
19840215	99999999	65832	20007	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830101	19840214	0	0	00X	NR	C
19840215	20081229	65832	20007	01	LC	P

#### **ASCENT MEDIA CORP (GVKEY 180821)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080926	99999999	92777	53080	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20080925	0	0	00X	NR	C
20080926	99999999	92777	53080	01	LC	P
20081231	99999999	0	0	02	NR	C

**BARR PHARMACEUTICALS INC (GVKEY 13365)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850701	19870611	0	0	00X	NU	C
19870612	99999999	11415	9252	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850701	19870611	0	0	00X	NR	C
19870612	20081222	11415	9252	01	LC	P

**BELL INDUSTRIES INC (GVKEY 2138)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600701	19650128	0	0	00X	NU	C
19650129	99999999	29639	20289	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600701	19621230	0	0	00X	NR	C
19620702	19650128	29639	20289	00X	LC	C
19650129	20080423	29639	20289	01	LC	P
20080424	99999999	0	0	01	NR	P

**BRINKS INC (GVKEY 2399)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19700101	19700226	0	0	00X	NU	C
19700227	19781115	19343	658	01	LU	P
19781116	19790928	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19700101	19700226	0	0	00X	NR	C
19700227	19721213	0	0	01	NR	P
19721214	19781115	19343	658	01	LC	P
19780116	19790928	0	0	01	NR	P

**COLUMBIA ENERGY GROUP (GVKEY 3206)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	11340	20478	00X	LU	C
19620131	20001130	11340	20478	01	LU	P
20001201	20041118	11340	20478	99X	LU	C
20041119	20051130	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	11340	20478	00X	LN	C
19620131	20001101	11340	20478	01	LC	P
20001102	20051130	0	0	99X	NR	C

**COMCAST JOIN HOLDINGS (GVKEY 6282)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19780601	19790927	0	0	00X	NU	C
19820129	20000331	46739	2466	01	LU	J
19790928	20000331	0	0	02	NU	P
20000401	20000731	46747	2466	99X	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19780601	19790913	0	0	00X	NR	C
19790914	19820128	46739	2466	00X	LC	C
19820129	20000302	46739	2466	01	LC	J
20000303	20000331	0	0	01	NR	J
19790928	19810208	0	0	02	NR	P
19810209	20000302	46747	2466	02	LC	P
20000303	20000731	0	0	99X	NR	C

**CONSECO FINANCE CORP (GVKEY 5331)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19830503	0	0	00X	NU	C
19830504	19980731	67571	5955	01	LU	P
19980801	20030228	67571	5955	99X	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19830503	0	0	00X	NR	C
19830504	19980630	67571	5955	01	LC	P
19980701	19980731	0	0	01	NR	P
19980801	20030228	0	0	99X	NR	C

**DOMTAR INC (GVKEY 4034)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NU	C
19620131	20070330	31325	20593	01	LU	P
19820129	20070330	31325	20593	01C	LX	N
20070331	20070430	31325	20593	99X	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NR	C
19620131	19631128	0	0	01	NR	P
19631129	20070330	31325	20593	01	LC	P
19820129	20070330	31325	20593	01C	LX	N
20070331	20070430	0	0	99X	NR	C

**INCONTACT INC (GVKEY 66268)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980130	99999999	92320	52787	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980130	20071025	0	0	01	NR	P
20071026	99999999	92320	52787	01	LC	P

**KING PHARMACEUTICALS INC (GVKEY 112033)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980624	0	0	00X	NU	C
19980625	99999999	86176	16179	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980624	0	0	00X	NR	C
19980625	99999999	86176	16179	01	LC	P

**NEXEN INC (GVKEY 2697)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19710729	0	0	00X	NU	C
19710730	99999999	30277	20386	01	LU	P
19820129	99999999	30277	20386	01C	LX	N
20031031	20060131	0	0	05	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19710729	30277	20386	00X	LN	C
19710730	99999999	30277	20386	01	LC	P
19820129	99999999	30277	20386	01C	LX	N
20031031	20060131	0	0	05	NR	J

**PDL BIOPHARMA INC (GVKEY 24878)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19920128	0	0	00X	NU	C
19920129	99999999	77292	11316	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19920128	0	0	00X	NR	C
19920129	99999999	77292	11316	01	LC	P

**PHILADELPHIA CONS HLDG CORP (GVKEY 28858)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19930916	0	0	00X	NU	C
19930917	20081130	79617	12408	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19930916	0	0	00X	NR	C
19930917	20081201	79617	12408	01	LC	P

**REPUBLIC SERVICES INC (GVKEY 112168)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19980630	0	0	00X	NU	C
19980701	99999999	86228	34838	01	LU	P



NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19980630	0	0	00X	NR	C
19980701	99999999	86228	34838	01	LC	

**SI INTERNATIONAL INC (GVKEY 148650)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20021111	0	0	00X	NU	C
20021112	99999999	89577	43693	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20021111	0	0	00X	NR	C
20021112	20081229	89577	43693	01	LC	P

**TOKIO MARINE HOLDINGS INC (GVKEY 15659)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820129	20070725	76428	4466	90	LU	P
20070726	99999999	0	0	90	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820129	20070725	76428	4466	90	LC	P
20070726	99999999	0	0	90	NR	P

**WHX CORP (GVKEY 11462)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	19238	21915	00X	LC	C
19620131	20050307	19238	21915	01	LC	P
20050308	20050729	0	0	01	NR	P
20050831	99999999	0	0	04	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	19238	21915	00X	LC	C
19620131	20050307	19238	21915	01	LC	P
20050308	20050729	0	0	01	NR	P
20050831	20081204	0	0	04	NR	P
20081205	99999999	92872	21915	04	LC	P

## JANUARY 2009 CST LINK HISTORY

### ALLIED WASTE INDUSTRIES INC (GVKEY 22140)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900101	19910909	0	0	NU	XXX
19910910	99999999	76887	11108	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900101	19910909	0	0	NR	XXX
19910910	20081205	76887	11108	LC	BBB

### ALPHARMA INC -CL A (GVKEY 1034)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830101	19840214	0	0	NU	XXX
19840215	99999999	65832	20007	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830101	19840214	0	0	NR	XXX
19840215	20081229	65832	20007	LC	BBB

### ASCENT MEDIA CORP (GVKEY 180821)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080926	99999999	92777	53080	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20080925	0	0	NR	XXX
20080926	99999999	92777	53080	LC	BBB
20081231	99999999	0	0	NR	XXX

### BARR PHARMACEUTICALS INC (GVKEY 13365)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850701	19870611	0	0	NU	XXX
19870612	99999999	11415	9252	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850701	19870611	0	0	NR	XXX
19870612	20081222	11415	9252	LC	BBB

**BELL INDUSTRIES INC (GVKEY 2138)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19600701	19650128	0	0	NU	XXX
19650129	99999999	29639	20289	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19600701	19621230	0	0	NR	XXX
19620702	20080423	29639	20289	LC	BBB
20080424	99999999	0	0	NR	XXX

**BRINKS INC (GVKEY 2399)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19700101	19700226	0	0	NU	XXX
19700227	19781115	19343	658	LU	BBB
19781116	19790928	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19700101	19721213	0	0	NR	XXX
19721214	19781115	19343	658	LC	BBB
19780116	19790928	0	0	NR	XXX

**COLUMBIA ENERGY GROUP (GVKEY 3206)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	20041118	11340	20478	LU	BBB
20041119	20051130	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19610130	11340	20478	LN	BBB
19620131	20001101	11340	20478	LC	BBB
20001102	20051130	0	0	NR	XXX

**COMCAST JOIN HOLDINGS (GVKEY 6282)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19780601	20000331	0	0	NU	XXX
20000401	20000731	46747	2466	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19780601	19790913	0	0	NR	XXX
19790914	19820128	46739	2466	LC	BBB
19790928	19810208	0	0	NR	XXX
19810209	20000302	46747	2466	LC	BBB
20000303	20000731	0	0	NR	XXX

**CONSECO FINANCE CORP (GVKEY 5331)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19830503	0	0	NU	XXX
19830504	20030228	67571	5955	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19830503	0	0	NR	XXX
19830504	19980630	67571	5955	LC	BBB
19980701	20030228	0	0	NR	XXX

**DOMTAR INC (GVKEY 4034)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19620130	0	0	NU	XXX
19620131	20070430	31325	20593	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19631128	0	0	NR	XXX
19631129	20070330	31325	20593	LC	BBB
20070331	20070430	0	0	NR	XXX

**INCONTACT INC (GVKEY 66268)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980130	99999999	92320	52787	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980130	20071025	0	0	NR	XXX
20071026	99999999	92320	52787	LC	BBB

**KING PHARMACEUTICALS INC (GVKEY 112033)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19980624	0	0	NU	XXX
19980625	99999999	86176	16179	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19980624	0	0	NR	XXX
19980625	99999999	86176	16179	LC	BBB

**NEXEN INC (GVKEY 2697)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19710729	0	0	NU	XXX
19710730	99999999	30277	20386	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19710729	30277	20386	LN	BBB
19710730	99999999	30277	20386	LC	BBB

**PDL BIOPHARMA INC (GVKEY 24878)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19920128	0	0	NU	XXX
19920129	99999999	77292	11316	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19920128	0	0	NR	XXX
19920129	99999999	77292	11316	LC	BBB

**PHILADELPHIA CONS HLDG CORP (GVKEY 28858)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19930916	0	0	NU	XXX
19930917	20081130	79617	12408	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19930916	0	0	NR	XXX
19930917	20081201	79617	12408	LC	BBB

**REPUBLIC SERVICES INC (GVKEY 112168)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19980630	0	0	NU	XXX
19980701	99999999	86228	34838	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19980630	0	0	NR	XXX
19980701	99999999	86228	34838		

**SI INTERNATIONAL INC (GVKEY 148650)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20021111	0	0	NU	XXX
20021112	99999999	89577	43693	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20021111	0	0	NR	XXX
20021112	20081229	89577	43693	LC	BBB

**TOKIO MARINE HOLDINGS INC (GVKEY 15659)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820129	20070725	76428	4466	LU	BBB
20070726	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820129	20070725	76428	4466	LC	BBB
20070726	99999999	0	0	NR	XXX

**WHX CORP (GVKEY 11462)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19610101	20050307	19238	21915	LC	BBB
20050308	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19610101	20050307	19238	21915	LC	BBB
20050308	20081204	0	0	NR	XXX
20081205	99999999	92872	21915	LC	BBB

**DECEMBER 2008 CCM LINK HISTORY**

December 2008 CST link history starts on page 25.

**AMER ITALIAN PASTA CO -CL A (GVKEY 65570)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971008	0	0	00X	NU	C
19971009	20061219	85411	32096	01	LU	P
20061220	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971008	0	0	00X	NR	C
19971009	20061219	85411	32096	01	LC	P
20061220	20081113	0	0	01	NR	P
20081114	99999999	85411	32096	01	LC	P

**APPLIED BIOSYSTEMS INC (GVKEY 8488)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19490801	19601212	0	0	00X	NR	C
19601213	19620130	27713	21387	00X	LC	C
19620131	99999999	27713	21387	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19490801	19601212	0	0	00X	NR	C
19601213	19620130	27713	21387	00X	LC	C
19620131	20081121	27713	21387	01	LC	P

**ASSOC FST CAPITAL CP -CL A (GVKEY 1831)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790801	19960507	0	0	00X	NR	C
19960508	20001229	83440	31626	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790801	19960507	0	0	00X	NR	C
19960508	20001201	83440	31626	01	LC	P
20001202	20001229	0	0	01	NR	P

**BANK KY FINANCIAL CORP (GVKEY 62972)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960628	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960628	20081123	0	0	01	NR	P
20081124	99999999	92851	53105	01	LC	P

**BROADVISION INC (GVKEY 63099)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960620	0	0	00X	NU	C
19960621	20060307	83630	14750	01	LU	P
20060308	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960620	0	0	00X	NR	C
19960621	20060305	83630	14750	01	LC	P
20060306	20081109	0	0	01	NR	P
20081110	99999999	83630	14750	01	LC	P



**CASE (J I) CO (GVKEY 2806)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19491101	19620131	11068	22244	00X	LC	C
19620131	19700804	11068	22244	01	LC	P
19700805	19701030	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19491101	19620130	11068	22244	00X	LC	C
19620131	19700804	11068	22244	01	LC	P
19700901	19701030	0	0	99X	NR	C

**CHAD THERAPEUTICS INC (GVKEY 2903)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830401	19830719	0	0	00X	NU	C
19830720	99999999	22518	6193	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830401	19830719	0	0	00X	NR	C
19830720	19870125	22518	6193	01	LC	C
19870126	19930803	0	0	01	NR	C
19930804	20080829	22518	6193	01	LC	C
20080830	99999999	0	0	01	NR	C

**CRACKER BARREL OLD CTRY STOR (GVKEY 3570)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730801	19811104	0	0	00X	NU	C
19811105	99999999	27562	5169	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730801	19811104	0	0	00X	NR	C
19811105	99999999	27562	5169	01	LC	P

**CRAWFORD & CO (GVKEY 3581)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19680101	19681128	0	0	00X	NU	C
19721214	19820128	27618	1100	00X	LU	C
19820129	19821231	27618	1100	01	LU	J
19830101	19901231	27618	1100	01	LU	P
19910101	19910130	27618	1100	01	LU	J
19910131	20040531	0	0	01	NU	J
20040601	20040629	0	0	01	NU	P
20040630	99999999	27618	1100	01	LU	P
19681129	19821231	76274	1100	02	LU	C
19830101	19900630	76274	1100	02	LU	N
19900701	19901231	76274	1100	02	LU	J
19910101	20040531	76274	1100	02	LU	P
20040601	99999999	76274	1100	02	LU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19680101	19681128	0	0	00X	NR	C
19900731	19900731	0	0	02	NR	J
19900801	19901231	76274	1100	02	LC	J
19910101	20040531	76274	1100	02	LC	P
20040601	99999999	76274	1100	02	LC	J

**DESTINATION MATERNITY CORP (GVKEY 27936)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19911001	19930315	0	0	00X	NU	C
19930316	99999999	78990	12014	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19911001	19930315	0	0	00X	NR	C
19930316	99999999	78990	12014	01	LC	P

**DIGITAL ANGEL CORP (GVKEY 31193)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19950730	0	0	00X	NU	C
19950731	19950831	0	0	01	NU	P
19950901	99999999	82248	13964	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19950730	0	0	00X	NR	C
19950731	19950831	0	0	01	NR	P
19950901	20020711	82248	13964	01	LC	P
20020712	20020730	0	0	01	NR	P
20020731	99999999	82248	13964	01	LC	P

**EMERGENT GROUP INC (GVKEY 111581)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980630	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980630	20081109	0	0	01	NR	C
20081110	99999999	92821	53102	01	LC	C

**ENCISION INC (GVKEY 63122)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950401	19960624	0	0	00X	NR	C
19960625	99999999	83654	14758	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950401	19960624	0	0	00X	NR	C
19960625	19981013	83654	14758	01	LC	P
19981014	20040119	0	0	01	NR	P
20040120	20081010	83654	14758	01	LC	P
20081011	99999999	0	0	01	NR	P

**FEDERAL TRUST CORP (GVKEY 65980)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19971231	19980616	0	0	01	NU	P
19980617	99999999	86162	16159	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19971231	19980616	0	0	01	NR	P
19980617	20080930	86162	16159	01	LC	P
20081001	99999999	0	0	01	NR	P

**LANDAMERICA FINANCIAL GP (GVKEY 24503)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19911014	0	0	00X	NU	C
19911015	99999999	77018	11130	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19911014	0	0	00X	NR	C
19911015	20081125	77018	11130	01	LC	P
20081126	99999999	0	0	01	NR	P

**LIFE TECHNOLOGIES CORP (GVKEY 118577)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19990225	0	0	00X	NU	C
19990226	99999999	86725	16425	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930226	19990225	0	0	00X	NR	C
19990226	99999999	86725	16425	01	LC	P

**LIVEWIRE MOBILE INC (GVKEY 29746)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940217	0	0	00X	NU	C
19940218	99999999	80257	12867	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940217	0	0	00X	NR	C
19940218	99999999	80257	12867	01	LC	P

**MCAFFEE INC (GVKEY 25783)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19921005	0	0	00X	NU	C
19921006	99999999	77976	11735	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19921005	0	0	00X	NR	C
19921006	99999999	77976	11735	01	LC	P

**MODTECH HOLDINGS INC (GVKEY 22810)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19890101	19900718	0	0	00X	NU	C
19900719	99999999	76228	10686	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19890101	19900718	0	0	00X	NR	C
19900719	20080723	76228	10686	01	LC	P
20080724	99999999	0	0	01	NR	P

**MOVIE GALLERY INC (GVKEY 30559)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940801	0	0	00X	NR	C
19940802	20071024	80831	13239	01	LC	P
20071025	99999999	0	0	01	NR	P
20080630	99999999	0	0	02	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940801	0	0	00X	NR	C
19940802	20071024	80831	13239	01	LC	P
20071025	20080530	0	0	01	NR	P
20080630	99999999	0	0	02	NR	P

**NV ENERGY INC (GVKEY 7824)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	0	0	00X	NU	C
19620131	19621118	0	0	01	NU	P
19621119	99999999	38658	21269	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	0	0	00X	NR	C
19620131	19621118	0	0	01	NR	P
19621119	99999999	38658	21269	01	LC	P

**PFF BANCORP INC (GVKEY 62520)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960329	99999999	83301	14480	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960329	20080725	83301	14480	01	LC	P
20080726	99999999	0	0	01	NR	P

**PROVIDENT COS INC (GVKEY 8794)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19590101	19620130	0	0	00X	NR	C
19820129	19821231	64531	3430	01	LD	J
19830101	19951130	64531	3430	01	LC	P
19951201	19951226	64531	3430	01	LC	J
19881031	19951229	0	0	02	NR	J
19620131	19721213	0	0	03	NR	C
19721214	19821231	64531	3430	03	LC	C
19830101	19941231	0	0	03	NR	N
19950101	19950130	0	0	03	NR	J
19950131	19951130	64531	3430	03	LC	J
19951201	19990630	64531	3430	03	LC	P
19990701	19990730	0	0	03	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19590101	19620130	0	0	00X	NR	C
19820129	19821231	64531	3430	01	LD	J
19830101	19951130	64531	3430	01	LC	P
19951201	19951226	64531	3430	01	LC	J
19881031	19951229	0	0	02	NR	J
19620131	19721213	0	0	03	NR	C
19721214	19821231	64531	3430	03	LC	C
19830101	19941231	0	0	03	NR	N
19950101	19950130	0	0	03	NR	J
19950131	19951130	64531	3430	03	LD	J
19951201	19951226	64531	3430	03	LD	P
19951227	19990630	64531	3430	03	LC	P
19990701	19990730	0	0	03	NR	P

**REINSURANCE GROUP AMER INC (GVKEY 28216)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930503	0	0	00X	NU	C
19930504	99999999	79210	29863	01	LC	P
19980605	19990930	86134	29863	02	LU	J
20011231	20060131	0	0	03	NU	J
20080919	99999999	92799	29863	04	LC	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930503	0	0	00X	NR	C
19930504	99999999	79210	29863	01	LC	P
19980605	19990914	86134	29863	02	LC	J
20011231	20060131	0	0	03	NR	J
20080919	20081125	92799	29863	04	LC	J

**RINI-REGO SUPERMARKET (GVKEY 4748)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	0	0	00X	NR	C
19620131	19690921	0	0	01	NR	C
19690922	19821231	49242	25054	01	LC	C
19820129	19821231	49242	25054	02	LD	J
19830101	19880608	49242	25054	02	LC	P
19880609	19961231	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	0	0	00X	NR	C
19880630	19880630	0	0	01	NR	J
19620131	19690921	0	0	02	NR	C
19690922	19880608	49242	25054	02	LC	C
19880609	19961231	0	0	99X	NR	C

**SECURE COMPUTING CORP (GVKEY 61570)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951116	0	0	00X	NU	C
19951117	99999999	82613	14149	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951116	0	0	00X	NR	C
19951117	20081118	82613	14149	01	LC	P

**W HOLDING CO INC (GVKEY 17157)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19850213	0	0	00X	NU	C
19850214	99999999	93105	7427	01	LU	P
19990730	20060131	0	0	03	NU	J
20010531	20060131	0	0	05	NU	J
20011031	20060131	0	0	06	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19850213	0	0	00X	NR	C
19850214	99999999	93105	7427	01	LC	P
19990730	20060131	0	0	03	NR	J
20010531	20060131	0	0	05	NR	J
20011031	20060131	0	0	06	NR	J

**WARNACO GROUP INC (GVKEY 13990)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600101	19630203	0	0	00X	NU	C
19630204	19820128	38885	24345	00X	LU	C
19820129	19821231	38885	24345	01	LU	J
19830101	19851231	38885	24345	01	LU	P
19660131	19821231	0	0	02	NU	C
19830101	19851130	0	0	02	NU	N
19851201	19851231	0	0	02	NU	N
19860101	19910930	0	0	02	NU	C
19911001	19911010	0	0	02	NU	P
19911011	20010608	77080	24345	02	LU	P
20010609	20030131	0	0	02	NU	P
20030201	20030204	0	0	02	NU	C
20030205	20030228	0	0	02	NU	N
20030205	99999999	89686	24345	04	LU	P



NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600101	19630203	0	0	00X	NR	C
19630204	19660130	38885	24345	00X	LN	C
19820129	19821231	38885	24345	01	LC	J
19830101	19851231	38885	24345	01	LC	P
19660131	19821231	0	0	02	NR	C
19830101	19851130	0	0	02	NR	N
19851201	19851231	0	0	02	NR	N
19860101	19910930	0	0	02	NR	C
19911001	19911010	0	0	02	NR	P
19911011	20010608	77080	24345	02	LC	P
20010609	20030131	0	0	02	NR	P
20030201	20030204	0	0	02	NR	C
20030205	20030228	0	0	02	NR	N
20030205	99999999	89686	24345	04	LC	P

## DECEMBER 2008 CST LINK HISTORY

### AMER ITALIAN PASTA CO -CL A (GVKEY 65570)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971008	0	0	NU	XXX
19971009	20061219	85411	32096	LU	BBB
20061220	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971008	0	0	NR	XXX
19971009	20061219	85411	32096	LC	BBB
20061220	20081113	0	0	NR	XXX
20081114	99999999	85411	32096	LC	BBB

### APPLIED BIOSYSTEMS INC (GVKEY 8488)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19490801	19601212	0	0	NR	XXX
19601213	99999999	27713	21387	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19490801	19601212	0	0	NR	XXX
19601213	20081121	27713	21387	LC	BBB

**ASSOC FST CAPITAL CP -CL A (GVKEY 1831)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790801	19960507	0	0	NR	XXX
19960508	20001229	83440	31626	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790801	19960507	0	0	NR	XXX
19960508	20001201	83440	31626	LC	BBB
20001202	20001229	0	0	NR	XXX

**BANK KY FINANCIAL CORP (GVKEY 62972)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960628	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960628	20081123	0	0	NR	XXX
20081124	99999999	92851	53105	LC	BBB

**BROADVISION INC (GVKEY 63099)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19960620	0	0	NU	XXX
19960621	20060307	83630	14750	LU	BBB
20060308	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19960620	0	0	NR	XXX
19960621	20060305	83630	14750	LC	BBB
20060306	20081109	0	0	NR	XXX
20081110	99999999	83630	14750	LC	BBB

**CASE (J I) CO (GVKEY 2806)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19491101	19700804	11068	22244	LC	BBB
19700805	19701030	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19491101	19700804	11068	22244	LC	BBB
19700901	19701030	0	0	NR	XXX

**CHAD THERAPEUTICS INC (GVKEY 2903)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830401	19830719	0	0	NU	XXX
19830720	99999999	22518	6193	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830401	19830719	0	0	NR	XXX
19830720	19870125	22518	6193	LC	BBB
19870126	19930803	0	0	NR	XXX
19930804	20080829	22518	6193	LC	BBB
20080830	99999999	0	0	NR	XXX

**CRACKER BARREL OLD CTRY STOR (GVKEY 3570)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730801	19811104	0	0	NU	XXX
19811105	99999999	27562	5169	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730801	19811104	0	0	NR	XXX
19811105	99999999	27562	5169	LC	BBB

**CRAWFORD & CO (GVKEY 3581)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19680101	19681128	0	0	NU	XXX
19721214	19901231	27618	1100	LU	BBB
20040601	20040629	0	0	NU	XXX
20040630	99999999	27618	1100	LU	BBB
19681129	20040531	76274	1100	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19680101	19681128	0	0	NR	XXX
19910101	20040531	76274	1100	LC	BBB

**DESTINATION MATERNITY CORP (GVKEY 27936)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19911001	19930315	0	0	NU	XXX
19930316	99999999	78990	12014	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19911001	19930315	0	0	NR	XXX
19930316	99999999	78990	12014	LC	BBB

**DIGITAL ANGEL CORP (GVKEY 31193)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19950831	0	0	NU	XXX
19950901	99999999	82248	13964	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19950831	0	0	NR	XXX
19950901	20020711	82248	13964	LC	BBB
20020712	20020730	0	0	NR	XXX
20020731	99999999	82248	13964	LC	BBB

**EMERGENT GROUP INC (GVKEY 111581)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980630	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980630	20081109	0	0	NR	XXX
20081110	99999999	92821	53102	LC	BBB

**ENCISION INC (GVKEY 63122)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950401	19960624	0	0	NR	XXX
19960625	99999999	83654	14758	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950401	19960624	0	0	NR	XXX
19960625	19981013	83654	14758	LC	BBB
19981014	20040119	0	0	NR	XXX
20040120	20081010	83654	14758	LC	BBB
20081011	99999999	0	0	NR	XXX

**FEDERAL TRUST CORP (GVKEY 65980)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19971231	19980616	0	0	NU	XXX
19980617	99999999	86162	16159	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19971231	19980616	0	0	NR	XXX
19980617	20080930	86162	16159	LC	BBB
20081001	99999999	0	0	NR	XXX

**LANDAMERICA FINANCIAL GP (GVKEY 24503)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19911014	0	0	NU	XXX
19911015	99999999	77018	11130	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19911014	0	0	NR	XXX
19911015	20081125	77018	11130	LC	BBB
20081126	99999999	0	0	NR	XXX

**LIFE TECHNOLOGIES CORP (GVKEY 118577)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19990225	0	0	NU	XXX
19990226	99999999	86725	16425	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930226	19990225	0	0	NR	XXX
19990226	99999999	86725	16425	LC	BBB

**LIVEWIRE MOBILE INC (GVKEY 29746)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940217	0	0	NU	XXX
19940218	99999999	80257	12867	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940217	0	0	NR	XXX
19940218	99999999	80257	12867	LC	BBB

**MCAFFEE INC (GVKEY 25783)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19921005	0	0	NU	XXX
19921006	99999999	77976	11735	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19921005	0	0	NR	XXX
19921006	99999999	77976	11735	LC	BBB

**MODTECH HOLDINGS INC (GVKEY 22810)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19890101	19900718	0	0	NU	XXX
19900719	99999999	76228	10686	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19890101	19900718	0	0	NR	XXX
19900719	20080723	76228	10686	LC	BBB
20080724	99999999	0	0	NR	XXX

**MOVIE GALLERY INC (GVKEY 30559)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940801	0	0	NR	XXX
19940802	20071024	80831	13239	LC	BBB
20071025	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940801	0	0	NR	XXX
19940802	20071024	80831	13239	LC	BBB
20071025	99999999	0	0	NR	XXX

**NV ENERGY INC (GVKEY 7824)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19621118	0	0	NU	XXX
19621119	99999999	38658	21269	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19621118	0	0	NR	XXX
19621119	99999999	38658	21269	LC	BBB

**PFF BANCORP INC (GVKEY 62520)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960329	99999999	83301	14480	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960329	20080725	83301	14480	LC	BBB
20080726	99999999	0	0	NR	XXX

**PROVIDENT COS INC (GVKEY 8794)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19590101	19620130	0	0	NR	XXX
19830101	19951130	64531	3430	LC	BBB
19620131	19721213	0	0	NR	XXX
19721214	19990630	64531	3430	LC	BBB
19990701	19990730	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19590101	19620130	0	0	NR	XXX
19830101	19951130	64531	3430	LC	BBB
19620131	19721213	0	0	NR	XXX
19721214	19821231	64531	3430	LC	BBB
19951201	19951226	64531	3430	LD	BBB
19951227	19990630	64531	3430	LC	BBB
19990701	19990730	0	0	NR	XXX

**REINSURANCE GROUP AMER INC (GVKEY 28216)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930503	0	0	NU	XXX
19930504	99999999	79210	29863	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930503	0	0	NR	XXX
19930504	99999999	79210	29863	LC	BBB

**RINI-REGO SUPERMARKET (GVKEY 4748)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19610101	19690921	0	0	NR	XXX
19690922	19880608	49242	25054	LC	BBB
19880609	19961231	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19610101	19690921	0	0	NR	XXX
19690922	19880608	49242	25054	LC	BBB
19880609	19961231	0	0	NR	XXX

**SECURE COMPUTING CORP (GVKEY 61570)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951116	0	0	NU	XXX
19951117	99999999	82613	14149	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951116	0	0	NR	XXX
19951117	20081118	82613	14149	LC	BBB

**W HOLDING CO INC (GVKEY 17157)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850101	19850213	0	0	NU	XXX
19850214	99999999	93105	7427	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850101	19850213	0	0	NR	XXX
19850214	99999999	93105	7427	LC	BBB



**WARNACO GROUP INC (GVKEY 13990)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19600101	19630203	0	0	NU	XXX
19630204	19851231	38885	24345	LU	BBB
19660131	19911010	0	0	NU	XXX
19911011	20010608	77080	24345	LU	BBB
20010609	20030204	0	0	NU	XXX
20030205	99999999	89686	24345	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19600101	19630203	0	0	NR	XXX
19630204	19660130	38885	24345	LN	BBB
19830101	19851231	38885	24345	LC	BBB
19660131	19911010	0	0	NR	XXX
19911011	20010608	77080	24345	LC	BBB
20010609	20030204	0	0	NR	XXX
20030205	99999999	89686	24345	LC	BBB

**NOVEMBER 2008 CCM LINK HISTORY**

CST link history for November 2008 is on page 53.

**GVKEY 63979 (CLICKNSSETTLE.COM INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19961112	0	0	00X	NU	C
19961113	19961128	84237	15138	00X	LU	C
19961129	99999999	84237	15138	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19961112	0	0	00X	NR	C
19961113	20030304	84237	15138	01	LC	P
20030305	99999999	0	0	01	NR	P

**GVKEY 64831 (WESTSIDE ENERGY CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980430	19980831	0	0	01	NR	P
20040331	20050619	0	0	03	NU	P
20050620	99999999	90777	46891	03	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980430	19980831	0	0	01	NR	P
20040331	20050619	0	0	03	NR	P
20050620	20080630	90777	46891	03	LC	P

**GVKEY 65016 (GUIDED THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970630	0	0	00X	NU	C
19970701	19970730	85212	15561	00X	LU	C
19970731	99999999	85212	15561	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970630	0	0	00X	NR	C
19970701	20030812	85212	15561	01	LC	P
20030813	99999999	0	0	01	NR	P

**GVKEY 65034 (SOUND HEALTH SOLUTIONS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970702	0	0	00X	NU	C
19970703	19970730	85225	15577	00X	LU	C
19970731	99999999	85225	15577	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970702	0	0	00X	NR	C
19970703	20061129	85225	15577	01	LC	P
20061130	99999999	0	0	01	NR	P

**GVKEY 65812 (ECHO THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971110	0	0	00X	NU	C
19971111	19971127	85572	15819	00X	LU	C
19971128	99999999	85572	15819	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971110	0	0	00X	NR	C
19971111	20070105	85572	15819	01	LC	P
20070106	99999999	0	0	01	NR	P

**GVKEY 107643 (NORTHWAY FINANCIAL INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19971031	19990330	0	0	01	NU	P
19990331	99999999	85669	15734	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19971001	20070911	85669	15734	01	LC	P
20070912	99999999	0	0	01	NR	P

**GVKEY 109189 (ENERLUME ENERGY MANAGEMENT)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19980722	0	0	00X	NU	C
19980723	19980730	86248	16225	00X	LU	C
19980731	99999999	86248	16225	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19980722	0	0	00X	NR	C
19980723	20050909	86248	16225	01	LC	C
20050910	99999999	0	0	01	NR	C

**GVKEY 119154 (GOVERNEUR BANCORP INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19971001	19990322	0	0	00X	NU	C
19990323	99999999	86751	35010	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19971001	19990322	0	0	00X	NR	C
19990323	20081001	86751	35010	01	LC	P
20081002	99999999	0	0	01	NR	P

**GVKEY 119436 (FIRST BANCORP INDIANA INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980701	19990406	0	0	00X	NU	C
19990407	19990429	86823	16464	00X	LU	C
19990430	99999999	86823	16464	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980701	19990406	0	0	00X	NR	C
19990407	20080507	86823	16464	01	LC	P
20080508	99999999	0	0	01	NR	P

**GVKEY 150138 (OSIRIS CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20010701	20020829	0	0	00X	NR	C
20020830	20060312	0	0	01	NU	P
20060313	99999999	91150	50479	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20010701	20020829	0	0	00X	NR	C
20020830	20060312	0	0	01	NR	P
20060313	20061023	91150	50479	01	LC	P
20061024	99999999	0	0	01	NR	P

**GVKEY 165463 (JK ACQUISITION CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20060427	0	0	00X	NR	C
20060511	99999999	91230	50614	01	LC	P
20060428	20060430	0	0	02	NU	P
20060501	20060510	0	0	02	NU	C
20060511	99999999	0	0	02	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20060427	0	0	00X	NR	C
20060511	20080527	91230	50614	01	LC	P
20080528	99999999	0	0	01	NR	P
20060428	20060430	0	0	02	NR	P
20060501	20060510	0	0	02	NR	C
20060511	99999999	0	0	02	NR	N

**GVKEY 14256 (MAXIM INTEGRATED PRODUCTS)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860701	19880228	0	0	00X	NU	C
19880229	20071001	11896	9698	01	LU	P
20071002	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860701	19880228	0	0	00X	NR	C
19880229	20071001	11896	9698	01	LC	P
20071002	20081007	0	0	01	NR	P
20081008	99999999	11896	9698	01	LC	P

**GVKEY 22555 (EAGLE CAPITAL GROWTH FUND)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900731	19940802	76398	10676	01	LU	P
19940803	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900711	19940802	76398	10676	01	LC	P
19940803	20071014	0	0	01	NR	P
20071015	99999999	76398	10676	01	LC	P

**GVKEY 25946 (SPORT CHALET INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910401	19921118	0	0	00X	NR	C
19921119	20050920	78082	11811	01	LC	P
20050921	20051031	0	0	01	NR	P
20051101	99999999	0	0	01	NR	J
20050930	20051031	90909	11811	02	LC	J
20051101	99999999	90909	11811	02	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910401	19921118	0	0	00X	NR	C
19921119	20051031	78082	11811	01	LC	P
20051101	99999999	78082	11811	01	LC	J
20050930	20051031	90909	11811	02	LC	J
20051101	99999999	90909	11811	02	LC	P

**GVKEY 107032 (INTERNATIONAL TOWER HILL MIN)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021231	99999999	92248	52694	01	LU	P
19980430	20021230	92248	52694	01C	LX	C
20021231	99999999	92248	52694	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021231	20070802	0	0	01	NR	P
20070803	99999999	92248	52694	01	LC	P
19980430	20021230	0	0	01C	NR	C
20021231	20070802	0	0	01C	NR	N
20070803	99999999	92248	52694	01C	LX	N

**GVKEY 6802 (LONGS DRUG STORES CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	0	0	00X	NU	C
19620131	99999999	53612	21117	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	0	0	00X	NR	C
19620131	19711128	0	0	01	NR	P
19711129	20081030	53612	21117	01	LC	P

**GVKEY 23088 (VITAL SIGNS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19881001	19900828	0	0	00X	NU	C
19900829	99999999	76265	10741	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19881001	19900828	0	0	00X	NR	C
19900829	20081029	76265	10741	01	LC	P

**GVKEY 23988 (APRIA HEALTHCARE GROUP INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19891001	19910501	0	0	00X	NU	C
19910502	99999999	76653	10918	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19891001	19910501	0	0	00X	NR	C
19910502	20081028	76653	10918	01	LC	P

**GVKEY 3918 (DRS TECHNOLOGIES INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790401	19810122	0	0	00X	NU	C
19820129	19960331	0	0	01	NU	P
19960401	19960430	0	0	01	NU	J
19830729	19960329	0	0	02	NU	J
19810123	19820128	65226	1387	03	LU	C
19820129	19960331	65226	1387	03	LU	N
19960401	99999999	65226	1387	03	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790401	19810122	0	0	00X	NR	C
19820129	19960331	0	0	01	NR	P
19960401	19960430	0	0	01	NR	J
19830729	19960329	0	0	02	NR	J
19810123	19820128	65226	1387	03	LC	C
19820129	19821231	65226	1387	03	LC	N
19830101	19960331	65226	1387	03	LN	N
19960401	19980331	65226	1387	03	LN	P
19980401	20081021	65226	1387	03	LC	P

**GVKEY 122255 (ALLSCRIPTS HEALTHCARE SOLTNS)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19990722	0	0	00X	NU	C
19990723	99999999	87078	16666	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19990722	0	0	00X	NR	C
19990723	20081031	87078	16666	01	LC	P

**GVKEY 135986 (SCIELE PHARMA INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20000530	0	0	00X	NR	C
20000531	99999999	88249	37513	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20000530	0	0	00X	NR	C
20000531	20081009	88249	37513	01	LC	P

**GVKEY 30971 (HEALTH FITNESS CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19941113	0	0	00X	NU	C
19941114	19990422	81085	13425	01	LU	P
19990423	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19941113	0	0	00X	NR	C
19941114	19990422	81085	13425	01	LC	P
19990423	20081021	0	0	01	NR	P
20081022	99999999	81085	13425	01	LC	P

**GVKEY 7106 (VALPEY-FISHER CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600101	19660428	0	0	00X	NU	C
19660429	99999999	35705	21163	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600101	19660428	0	0	00X	NR	C
19660429	99999999	35705	21163	01	LC	P

**GVKEY 8666 (POLYDEX PHARMACEUTICALS LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830131	99999999	78349	26242	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830131	20080911	78349	26242	01	LC	P
20080912	99999999	0	0	01	NR	P

**GVKEY 13166 (INDYMAC BANCORP INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19860130	67862	20528	00X	LU	C
19860131	99999999	67862	20528	01	LU	P
20011130	99999999	0	0	02	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19860130	67862	20528	00X	LN	C
19860131	20080714	67862	20528	01	LC	P
20080715	99999999	0	0	01	NR	P
20011130	99999999	0	0	02	NR	J

**GVKEY 13311 (DEVCON INTERNATIONAL CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19870528	29621	1298	00X	LU	C
19870529	99999999	29621	1298	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19870506	29621	1298	00X	LN	C
19870507	20080515	29621	1298	01	LC	P
20080516	99999999	0	0	01	NR	P



**GVKEY 16488 (ZILA INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870801	19891022	0	0	00X	NU	C
19891023	99999999	76008	10341	02	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870801	19891022	0	0	00X	NR	C
19891023	99999999	76008	10341	02	LC	P

**GVKEY 25750 (LORUS THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910601	19920315	0	0	00X	NU	C
19920316	99999999	77569	11401	01	LU	P
19930630	99999999	77569	11401	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910601	19920315	0	0	00X	NR	C
19920316	19981027	77569	11401	01	LC	P
19981028	20040222	0	0	01	NR	P
20040223	99999999	77569	11401	01	LC	P
19930630	19981027	77569	11401	01C	LX	N
19981028	20040222	0	0	01C	NR	N
20040223	99999999	77569	11401	01C	LX	N

**GVKEY 64132 (WORLD HEART CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19961211	0	0	00X	NU	C
19961212	99999999	84352	15222	01	LU	P
19980731	99999999	84352	15222	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19961211	0	0	00X	NR	C
19961212	20021014	84352	15222	01	LC	P
20021015	20040317	0	0	01	NR	P
20040318	99999999	84352	15222	01	LC	P
19980731	20021014	84352	15222	01C	LX	N
20021015	20040317	0	0	01C	NR	N
20040318	20080630	84352	15222	01C	LX	N

**GVKEY 66649 (PACIFICNET INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19970629	0	0	00X	NR	C
19970630	19981223	0	0	01	NR	C
19981224	20000727	86523	16361	01	LC	C
20000728	20080424	88459	37950	01	LC	C
20080425	20080427	0	0	01	NR	C
20080428	20080530	88459	37950	01	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19970629	0	0	00X	NR	C
19970630	19981223	0	0	01	NR	C
19981224	20000727	86523	16361	01	LC	C
20000728	20080424	88459	37950	01	LC	C
20080425	20080427	0	0	01	NR	C
20080428	20080702	88459	37950	01	LC	C
20080703	99999999	0	0	01	NR	C

**GVKEY 1111 (ACTIVISION INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820401	19830608	0	0	00X	NR	C
19830609	19850530	10701	6060	00X	LC	C
19850531	19910328	10701	6060	02	LC	C
19931022	99999999	79678	12499	02	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820401	19830608	0	0	00X	NR	C
19830609	19850530	10701	6060	00X	LC	C
19850531	19910328	10701	6060	02	LC	C
19931022	20080709	79678	12499	02	LC	C

**GVKEY 6214 (JACLYN INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670701	19681030	0	0	00X	NU	C
19681031	19690311	0	0	01	NU	P
19690312	99999999	47984	21010	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670701	19681030	0	0	00X	NR	C
19681031	19690311	0	0	01	NR	P
19690312	20080516	47984	21010	01	LC	P
20080517	99999999	0	0	01	NR	P

**GVKEY 9748 (PERVASIP CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19731201	19780130	70798	4119	00X	LU	C
19780131	99999999	70798	4119	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19731201	19780130	70798	4119	00X	LN	C
19780131	20020213	70798	4119	01	LC	P
20020214	99999999	0	0	01	NR	P

**GVKEY 23752 (PEOPLES BANCORP AUBURN IN)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870731	99999999	11493	9325	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870707	20080327	11493	9325	01	LC	P
20080328	99999999	0	0	01	NR	P

**GVKEY 24376 (SAFESTITCH MEDICAL INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19910805	0	0	00X	NU	C
19910806	19910829	76908	11064	00X	LU	C
19910830	99999999	76908	11064	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19910805	0	0	00X	NR	C
19910806	20030509	76908	11064	01	LC	P
20030510	99999999	0	0	01	NR	P

**GVKEY 28184 (IDENTIPHI INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19930426	0	0	00X	NU	C
19930427	19930429	79100	12101	00X	LU	C
19930430	99999999	79100	12101	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19930426	0	0	00X	NR	C
19930427	20010530	79100	12101	01	LC	C
20010531	20030424	0	0	01	NR	C
20030425	20070319	79100	12101	01	LC	C
20070320	99999999	0	0	01	NR	C

**GVKEY 28885 (POINT BLANK SOLUTIONS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19960130	0	0	00X	NU	C
19960131	19980903	0	0	01	NU	C
19980904	19991220	86355	16274	01	LU	C
19991221	20020131	0	0	01	NU	C
20020201	99999999	86355	16274	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19960130	0	0	00X	NR	C
19960131	19980903	0	0	01	NR	C
19980904	19991220	86355	16274	01	LC	C
19991221	20020131	0	0	01	NR	C
20020201	20060526	86355	16274	01	LC	C
20060527	99999999	0	0	01	NR	C

**GVKEY 29886 (RETAIL PRO INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970131	19980707	0	0	01	NU	P
19980708	99999999	86230	34840	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970131	19980707	0	0	01	NR	P
19980708	20051101	86230	34840	01	LC	P
20051102	99999999	0	0	01	NR	P

**GVKEY 61414 (SONUS PHARMACEUTICALS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951011	0	0	00X	NU	C
19951012	99999999	82526	14043	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951011	0	0	00X	NR	C
19951012	20080829	82526	14043	01	LC	P

**GVKEY 29886 (SONUS PHARMACEUTICALS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970131	19980707	0	0	01	NU	P
19980708	99999999	86230	34840	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970131	19980707	0	0	01	NR	P
19980708	20051101	86230	34840	01	LC	P
20051102	99999999	0	0	01	NR	P

**GVKEY 62498 (ELLOMAY CAPITAL LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951005	0	0	00X	NU	C
19951006	19951030	82511	14033	00X	LU	C
19951031	99999999	82511	14033	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951005	0	0	00X	NR	C
19951006	20050519	82511	14033	01	LC	P
20050520	99999999	0	0	01	NR	P

**GVKEY 62607 (SCANVEC AMIABLE LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951018	0	0	00X	NU	C
19951019	19951030	82527	14068	00X	LU	C
19951031	99999999	82527	14068	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19951018	0	0	00X	NR	C
19951019	19991029	82527	14068	01	LC	P
19991030	99999999	0	0	01	NR	P

**GVKEY 63912 (DARWIN RESOURCES INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19961103	0	0	00X	NU	C
19961104	19961128	84282	15109	00X	LU	C
19961129	99999999	84282	15109	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19961103	0	0	00X	NR	C
19961104	20010817	84282	15109	01	LC	P
20010818	99999999	0	0	01	NR	P

**GVKEY 11609 (WRIGLEY (WM) JR CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	15472	21941	00X	LC	C
19620131	99999999	15472	21941	01	LC	P
19860430	99999999	0	0	02	NR	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	15472	21941	00X	LC	C
19620131	20081006	15472	21941	01	LC	P
19860430	99999999	0	0	02	NR	J

**GVKEY 61560 (PHOTON DYNAMICS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19941001	19951115	0	0	00X	NU	C
19951116	99999999	82605	14130	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19941001	19951115	0	0	00X	NR	C
19951116	20081002	82605	14130	01	LC	P

**GVKEY 8169 (ORBOTECH LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830101	19840808	0	0	00X	NU	C
19840809	99999999	78527	26261	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830101	19840808	0	0	00X	NR	C
19840809	99999999	78527	26261	01	LC	P

**GVKEY 14466 (HILB ROGAL & HOBBS CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870101	19870714	0	0	00X	NU	C
19870715	99999999	11509	9338	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870101	19870714	0	0	00X	NR	C
19870715	20081001	11509	9338	01	LC	P

**GVKEY 15520 (SIGNET JEWELERS LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880201	19880712	0	0	00X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880201	19880712	0	0	00X	NR	C
19880713	99999999	12076	9857	01	LC	P

**GVKEY 118936 (POWERSHARES QQQ TRUST)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990310	20070411	86755	35013	01	LC	P
20070412	99999999	91953	44072	01	LS	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990310	20070411	86755	35013	01	LS	P
20070412	99999999	91953	44072	01	LS	P

**GVKEY 136484 (ISHARES TR DJ US INTERNET)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000501	20000518	0	0	00X	NU	C
20000519	20021231	88227	37493	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000501	20000518	0	0	00X	NR	C
20000519	20021206	88227	37493	01	LS	P

**GVKEY 137004 (ISHARES TR S&P/TSE60)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000616	20021231	88303	37493	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000616	20021206	88303	37493	01	LS	P

**GVKEY 140501 (STREETTRACKS MS INTERNET)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000929	20031231	88611	39147	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000929	20031215	88611	39147	01	LS	P

**GVKEY 140601 (STREETTRACKS FORTUNE E-50)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20001010	20031231	88677	39147	01	LU	P
20040101	20040331	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20001010	20031215	88677	39147	01	LS	P
20031216	20040331	0	0	99X	NR	C

**GVKEY 151223 (ETF ADVISORS TR TREAS 1 FITR)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20021031	0	0	00X	NU	C
20021101	20030530	89582	43698	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20021031	0	0	00X	NR	C
20021101	20030521	89582	43698	01	LS	P



**GVKEY 165075 (STEALTHGAS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20051005	0	0	00X	NR	C
20051006	99999999	90950	47878	01	LX	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20051005	0	0	00X	NR	C
20051006	99999999	90950	47878	01	LC	P

**GVKEY 2739 (CAPITOL PRODUCTS CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19591101	19680429	0	0	00X	NR	C
19680430	19681231	48688	25019	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19591101	19680429	0	0	00X	NR	C
19680430	19681231	0	0	01	NR	P

**GVKEY 8489 (PERKINS FOOD INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19631201	19690130	0	0	00X	NR	C
19690131	19730831	62202	3585	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19631201	19690130	0	0	00X	NR	C
19690131	19730831	0	0	01	NR	P

**GVKEY 174357 (CLAYMORE RAYMOND JAMES SB1)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20060518	0	0	00X	NU	C
20060519	20080903	91213	50693	01	LC	P
20080904	99999999	92792	51187	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20060518	0	0	00X	NR	C
20060519	20080903	91213	50693	01	LC	P
20080904	99999999	92792	51187	01	LS	P

**GVKEY 175185 (ETF ADVISORS TR TREAS 2 FITR)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021101	20030530	89583	43698	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021101	20030521	89583	43698	01	LS	P

**GVKEY 175186 (ETF ADVISORS TR TREAS 5 FITR)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021101	20030530	89584	43698	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021101	20030521	89584	43698	01	LS	P

**GVKEY 175187 (ETF ADVISORS TR TREA 10 FITR)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021101	20030530	89585	43698	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021101	20030521	89585	43698	01	LS	P

**GVKEY 175201 (POWERSHARES WILDERHILL CL EN)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050303	20060228	90618	44072	01	LU	C
20060301	99999999	90618	44072	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050303	20060228	90618	44072	01	LS	C
20060301	99999999	90618	44072	01	LS	P

**GVKEY 175216 (ISHARES DJ US OIL&GAS EXP FD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060501	20060504	0	0	00X	NU	C
20060505	99999999	91229	37493	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060501	20060504	0	0	00X	NR	C
20060505	99999999	91229	37493	01	LS	P

**GVKEY 175417 (VANGUARD MID-CAP GROWTH ETF)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20060823	0	0	00X	NU	C
20060824	99999999	91424	41593	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20060823	0	0	00X	NR	C
20060824	99999999	91424	41593	01	LS	P

**GVKEY 176515 (HEALTHSHARES ENABLING TECHN)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070122	0	0	00X	NU	C
20070123	99999999	91696	51639	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070122	0	0	00X	NR	C
20070123	99999999	91696	51639	01	LS	P

**GVKEY 176837 (CLAYMORE/ROBECO DEV WRLD EQ)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070228	0	0	00X	NU	C
20070301	20080229	91853	51965	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070228	0	0	00X	NR	C
20070301	20080219	91853	51965	01	LS	P

**GVKEY 177276 (SPDR S&P WORLD EX-US ETF)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070425	0	0	00X	NU	C
20070426	99999999	91945	43629	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070425	0	0	00X	NR	C
20070426	99999999	91945	43629	01	LS	P

**GVKEY 177278 (SPDR S&P INTL SMALL CAP ETF)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070425	0	0	00X	NU	C
20070426	99999999	91944	43629	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070425	0	0	00X	NR	C
20070426	99999999	91944	43629	01	LS	P

**GVKEY 177736 (SPDR S&P BRIC 40 ETF)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070621	0	0	00X	NU	C
20070622	99999999	92148	43629	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070621	0	0	00X	NR	C
20070622	99999999	92148	43629	01	LS	P

**GVKEY 179968 (PROSHARES ULT SHRT LEH 7-10)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080501	99999999	92664	50846	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080501	99999999	92664	50846	01	LS	P

**GVKEY 179969 (PROSHARES ULT SHRT LEH 20 PL)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080501	99999999	92662	50846	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080501	99999999	92662	50846	01	LS	P

**GVKEY 179975 (POWERSHARES AUTONOMC GTH NFA)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080520	99999999	92659	52902	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080520	99999999	92659	52902	01	LS	P

**GVKEY 179976 (POWERSHARES AUTONMC BL NFA)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080520	99999999	92660	52902	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080520	99999999	92660	52902	01	LS	P

**GVKEY 179977 (POWERSHARES AUTONMC NFA GBL)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080520	99999999	92661	52902	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080520	99999999	92661	52902	01	LS	P

**GVKEY 180032 (COHEN & STEERS GBL RLTY MJR)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080509	99999999	92644	53005	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080509	99999999	92644	53005	01	LS	P

**NOVEMBER 2008 CST LINK HISTORY****GVKEY 63979 (CLICKNSSETTLE.COM INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961112	0	0	NU	XXX
19961113	19961128	84237	15138	LU	BBB
19961129	99999999	84237	15138	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961112	0	0	NR	XXX
19961113	20030304	84237	15138	LC	BBB
20030305	99999999	0	0	NR	XXX

**GVKEY 64831 (WESTSIDE ENERGY CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980430	19980831	0	0	NR	XXX
20040331	20050619	0	0	NU	XXX
20050620	99999999	90777	46891	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980430	19980831	0	0	NR	XXX
20040331	20050619	0	0	NR	XXX
20050620	20080630	90777	46891	LC	BBB

**GVKEY 65016 (GUIDED THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970630	0	0	NU	XXX
19970701	19970730	85212	15561	LU	BBB
19970731	99999999	85212	15561	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970630	0	0	NR	XXX
19970701	20030812	85212	15561	LC	BBB
20030813	99999999	0	0	NR	XXX

**GVKEY 65034 (SOUND HEALTH SOLUTIONS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970702	0	0	NU	XXX
19970703	19970730	85225	15577	LU	BBB
19970731	99999999	85225	15577	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970702	0	0	NR	XXX
19970703	20061129	85225	15577	LC	BBB
20061130	99999999	0	0	NR	XXX

**GVKEY 65812 (ECHO THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971110	0	0	NU	XXX
19971111	19971127	85572	15819	LU	BBB
19971128	99999999	85572	15819	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971110	0	0	NR	XXX
19971111	20070105	85572	15819	LC	BBB
20070106	99999999	0	0	NR	XXX

**GVKEY 107643 (NORTHWAY FINANCIAL INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19971031	19990330	0	0	NU	XXX
19990331	99999999	85669	15734	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19971001	20070911	85669	15734	LC	BBB
20070912	99999999	0	0	NR	XXX

**GVKEY 109189 (ENERLUME ENERGY MANAGEMENT)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19980722	0	0	NU	XXX
19980723	19980730	86248	16225	LU	BBB
19980731	99999999	86248	16225	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19980722	0	0	NR	XXX
19980723	20050909	86248	16225	LC	BBB
20050910	99999999	0	0	NR	XXX

**GVKEY 119154 (GOUVERNEUR BANCORP INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19971001	19990322	0	0	NU	XXX
19990323	99999999	86751	35010	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19971001	19990322	0	0	NR	XXX
19990323	20081001	86751	35010	LC	BBB
20081002	99999999	0	0	NR	XXX

**GVKEY 119436 (FIRST BANCORP INDIANA INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980701	19990406	0	0	NU	XXX
19990407	19990429	86823	16464	LU	BBB
19990430	99999999	86823	16464	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980701	19990406	0	0	NR	XXX
19990407	20080507	86823	16464	LC	BBB
20080508	99999999	0	0	NR	XXX

**GVKEY 150138 (OSIRIS CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20010701	20020829	0	0	NR	XXX
20020830	20060312	0	0	NU	XXX
20060313	99999999	91150	50479	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20010701	20020829	0	0	NR	XXX
20020830	20060312	0	0	NR	XXX
20060313	20061023	91150	50479	LC	BBB
20061024	99999999	0	0	NR	XXX

**GVKEY 165463 (JK ACQUISITION CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20060427	0	0	NR	XXX
20060511	99999999	91230	50614	LC	BBB
20060428	20060430	0	0	NU	XXX
20060501	20060510	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20060427	0	0	NR	XXX
20060511	20080527	91230	50614	LC	BBB
20080528	99999999	0	0	NR	XXX
20060428	20060430	0	0	NR	XXX
20060501	20060510	0	0	NR	XXX



**GVKEY 14256 (MAXIM INTEGRATED PRODUCTS)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860701	19880228	0	0	NU	XXX
19880229	20071001	11896	9698	LU	BBB
20071002	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860701	19880228	0	0	NR	XXX
19880229	20071001	11896	9698	LC	BBB
20071002	20081007	0	0	NR	XXX
20081008	99999999	11896	9698	LC	BBB

**GVKEY 22555 (EAGLE CAPITAL GROWTH FUND)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900731	19940802	76398	10676	LU	BBB
19940803	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900711	19940802	76398	10676	LC	BBB
19940803	20071014	0	0	NR	XXX
20071015	99999999	76398	10676	LC	BBB

**GVKEY 25946 (SPORT CHALET INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910401	19921118	0	0	NR	XXX
19921119	20050920	78082	11811	LC	BBB
20050921	20051031	0	0	NR	XXX
20051101	99999999	90909	11811	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910401	19921118	0	0	NR	XXX
19921119	20051031	78082	11811	LC	BBB
20051101	99999999	90909	11811	LC	BBB

**GVKEY 107032 (INTERNATIONAL TOWER HILL MIN)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021231	99999999	92248	52694	LU	BBB
19980430	20021230	92248	52694	LX	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021231	20070802	0	0	NR	XXX
20070803	99999999	92248	52694	LC	BBB
19980430	20021230	0	0	NR	XXX

**GVKEY 6802 (LONGS DRUG STORES CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19610101	19620130	0	0	NU	XXX
19620131	99999999	53612	21117	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19610101	19620130	0	0	NR	XXX
19620131	19711128	0	0	NR	XXX
19711129	20081030	53612	21117	LC	BBB

**GVKEY 23088 (VITAL SIGNS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19881001	19900828	0	0	NU	XXX
19900829	99999999	76265	10741	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19881001	19900828	0	0	NR	XXX
19900829	20081029	76265	10741	LC	BBB

**GVKEY 23988 (APRIA HEALTHCARE GROUP INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19891001	19910501	0	0	NU	XXX
19910502	99999999	76653	10918	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19891001	19910501	0	0	NR	XXX
19910502	20081028	76653	10918	LC	BBB

**GVKEY 3918 (DRS TECHNOLOGIES INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790401	19810122	0	0	NU	XXX
19820129	19960331	0	0	NU	XXX
19810123	19820128	65226	1387	LU	BBB
19960401	99999999	65226	1387	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790401	19810122	0	0	NR	XXX
19820129	19960331	0	0	NR	XXX
19810123	19820128	65226	1387	LC	BBB
19960401	19980331	65226	1387	LN	BBB
19980401	20081021	65226	1387	LC	BBB

**GVKEY 122255 (ALLSCRIPTS HEALTHCARE SOLTNS)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19990722	0	0	NU	XXX
19990723	99999999	87078	16666	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19990722	0	0	NR	XXX
19990723	20081031	87078	16666	LC	BBB

**GVKEY 135986 (SCIELE PHARMA INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000530	0	0	NR	XXX
20000531	99999999	88249	37513	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000530	0	0	NR	XXX
20000531	20081009	88249	37513	LC	BBB

**GVKEY 30971 (HEALTH FITNESS CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19941113	0	0	NU	XXX
19941114	19990422	81085	13425	LU	BBB
19990423	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19941113	0	0	NR	XXX
19941114	19990422	81085	13425	LC	BBB
19990423	20081021	0	0	NR	XXX
20081022	99999999	81085	13425	LC	BBB

**GVKEY 7106 (VALPEY-FISHER CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19600101	19660428	0	0	NU	XXX
19660429	99999999	35705	21163	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19600101	19660428	0	0	NR	XXX
19660429	99999999	35705	21163	LC	BBB

**GVKEY 8666 (POLYDEX PHARMACEUTICALS LTD)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830131	99999999	78349	26242	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830131	20080911	78349	26242	LC	BBB
20080912	99999999	0	0	NR	XXX

**GVKEY 13166 (INDYMAC BANCORP INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19860130	67862	20528	LU	BBB
19860131	99999999	67862	20528	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19860130	67862	20528	LN	BBB
19860131	20080714	67862	20528	LC	BBB
20080715	99999999	0	0	NR	XXX

**GVKEY 13311 (DEVCON INTERNATIONAL CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19870528	29621	1298	LU	BBB
19870529	99999999	29621	1298	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19870506	29621	1298	LN	BBB
19870507	20080515	29621	1298	LC	BBB
20080516	99999999	0	0	NR	XXX

**GVKEY 16488 (ZILA INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870801	19891022	0	0	NU	XXX
19891023	99999999	76008	10341	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870801	19891022	0	0	NR	XXX
19891023	99999999	76008	10341	LC	BBB

**GVKEY 25750 (LORUS THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910601	19920315	0	0	NU	XXX
19920316	99999999	77569	11401	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910601	19920315	0	0	NR	XXX
19920316	19981027	77569	11401	LC	BBB
19981028	20040222	0	0	NR	XXX
20040223	99999999	77569	11401	LC	BBB

**GVKEY 64132 (WORLD HEART CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961211	0	0	NU	XXX
19961212	99999999	84352	15222	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961211	0	0	NR	XXX
19961212	20021014	84352	15222	LC	BBB
20021015	20040317	0	0	NR	XXX
20040318	99999999	84352	15222	LC	BBB

**GVKEY 66649 (PACIFICNET INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19970629	0	0	NR	XXX
19970630	19981223	0	0	NR	XXX
19981224	20000727	86523	16361	LC	BBB
20000728	20080424	88459	37950	LC	BBB
20080425	20080427	0	0	NR	XXX
20080428	20080530	88459	37950	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19970629	0	0	NR	XXX
19970630	19981223	0	0	NR	XXX
19981224	20000727	86523	16361	LC	BBB
20000728	20080424	88459	37950	LC	BBB
20080425	20080427	0	0	NR	XXX
20080428	20080702	88459	37950	LC	BBB
20080703	99999999	0	0	NR	XXX

**GVKEY 1111 (ACTIVISION INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820401	19830608	0	0	NR	XXX
19830609	19850530	10701	6060	LC	BBB
19850531	19910328	10701	6060	LC	BBB
19931022	99999999	79678	12499	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820401	19830608	0	0	NR	XXX
19830609	19850530	10701	6060	LC	BBB
19850531	19910328	10701	6060	LC	BBB
19931022	20080709	79678	12499	LC	BBB

**GVKEY 6214 (JACLYN INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670701	19681030	0	0	NU	XXX
19681031	19690311	0	0	NU	XXX
19690312	99999999	47984	21010	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670701	19681030	0	0	NR	XXX
19681031	19690311	0	0	NR	XXX
19690312	20080516	47984	21010	LC	BBB
20080517	99999999	0	0	NR	XXX

**GVKEY 9748 (PERVASIP CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19731201	19780130	70798	4119	LU	BBB
19780131	99999999	70798	4119	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19731201	19780130	70798	4119	LN	BBB
19780131	20020213	70798	4119	LC	BBB
20020214	99999999	0	0	NR	XXX

**GVKEY 23752 (PEOPLES BANCORP AUBURN IN)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870731	99999999	11493	9325	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870707	20080327	11493	9325	LC	BBB
20080328	99999999	0	0	NR	XXX

**GVKEY 24376 (SAFESTITCH MEDICAL INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900101	19910805	0	0	NU	XXX
19910806	19910829	76908	11064	LU	BBB
19910830	99999999	76908	11064	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900101	19910805	0	0	NR	XXX
19910806	20030509	76908	11064	LC	BBB
20030510	99999999	0	0	NR	XXX

**GVKEY 28184 (IDENTIPHI INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19930426	0	0	NU	XXX
19930427	19930429	79100	12101	LU	BBB
19930430	99999999	79100	12101	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19930426	0	0	NR	XXX
19930427	20010530	79100	12101	LC	BBB
20010531	20030424	0	0	NR	XXX
20030425	20070319	79100	12101	LC	BBB
20070320	99999999	0	0	NR	XXX

**GVKEY 28885 (POINT BLANK SOLUTIONS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19960130	0	0	NU	XXX
19960131	19980903	0	0	NU	XXX
19980904	19991220	86355	16274	LU	BBB
19991221	20020131	0	0	NU	XXX
20020201	99999999	86355	16274	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19960130	0	0	NR	XXX
19960131	19980903	0	0	NR	XXX
19980904	19991220	86355	16274	LC	BBB
19991221	20020131	0	0	NR	XXX
20020201	20060526	86355	16274	LC	BBB
20060527	99999999	0	0	NR	XXX

**GVKEY 29886 (RETAIL PRO INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970131	19980707	0	0	NU	XXX
19980708	99999999	86230	34840	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970131	19980707	0	0	NR	XXX
19980708	20051101	86230	34840	LC	BBB
20051102	99999999	0	0	NR	XXX

**GVKEY 61414 (SONUS PHARMACEUTICALS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951011	0	0	NU	XXX
19951012	99999999	82526	14043	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951011	0	0	NR	XXX
19951012	20080829	82526	14043	LC	BBB

**GVKEY 29886 (SONUS PHARMACEUTICALS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970131	19980707	0	0	NU	XXX
19980708	99999999	86230	34840	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970131	19980707	0	0	NR	XXX
19980708	20051101	86230	34840	LC	BBB
20051102	99999999	0	0	NR	XXX

**GVKEY 62498 (ELLOMAY CAPITAL LTD)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951005	0	0	NU	XXX
19951006	19951030	82511	14033	LU	BBB
19951031	99999999	82511	14033	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951005	0	0	NR	XXX
19951006	20050519	82511	14033	LC	BBB
20050520	99999999	0	0	NR	XXX



**GVKEY 62607 (SCANVEC AMIABLE LTD)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951018	0	0	NU	XXX
19951019	19951030	82527	14068	LU	BBB
19951031	99999999	82527	14068	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19951018	0	0	NR	XXX
19951019	19991029	82527	14068	LC	BBB
19991030	99999999	0	0	NR	XXX

**GVKEY 63912 (DARWIN RESOURCES INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19961103	0	0	NU	XXX
19961104	19961128	84282	15109	LU	BBB
19961129	99999999	84282	15109	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19961103	0	0	NR	XXX
19961104	20010817	84282	15109	LC	BBB
20010818	99999999	0	0	NR	XXX

**GVKEY 11609 (WRIGLEY (WM) JR CO)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19620130	15472	21941	LC	BBB
19620131	99999999	15472	21941	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19620130	15472	21941	LC	BBB
19620131	20081006	15472	21941	LC	BBB

**GVKEY 61560 (PHOTON DYNAMICS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19941001	19951115	0	0	NU	XXX
19951116	99999999	82605	14130	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19941001	19951115	0	0	NR	XXX
19951116	20081002	82605	14130	LC	BBB

**GVKEY 8169 (ORBOTECH LTD)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830101	19840808	0	0	NU	XXX
19840809	99999999	78527	26261	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830101	19840808	0	0	NR	XXX
19840809	99999999	78527	26261	LC	BBB

**GVKEY 14466 (HILB ROGAL & HOBBS CO)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870101	19870714	0	0	NU	XXX
19870715	99999999	11509	9338	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870101	19870714	0	0	NR	XXX
19870715	20081001	11509	9338	LC	BBB

**GVKEY 15520 (SIGNET JEWELERS LTD)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880201	19880712	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880201	19880712	0	0	NR	XXX
19880713	99999999	12076	9857	LC	BBB

**GVKEY 118936 (POWERSHARES QQQ TRUST)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19990310	20070411	86755	35013	LC	BBB
20070412	99999999	91953	44072	LS	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19990310	20070411	86755	35013	LS	BBB
20070412	99999999	91953	44072	LS	BBB

**GVKEY 136484 (ISHARES TR DJ US INTERNET)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20000501	20000518	0	0	NU	XXX
20000519	20021231	88227	37493	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20000501	20000518	0	0	NR	XXX
20000519	20021206	88227	37493	LS	BBB

**GVKEY 137004 (ISHARES TR S&P/TSE60)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20000616	20021231	88303	37493	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20000616	20021206	88303	37493	LS	BBB

**GVKEY 140501 (STREETTRACKS MS INTERNET)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20000929	20031231	88611	39147	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20000929	20031215	88611	39147	LS	BBB

**GVKEY 140601 (STREETTRACKS FORTUNE E-50)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20001010	20031231	88677	39147	LU	BBB
20040101	20040331	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20001010	20031215	88677	39147	LS	BBB
20031216	20040331	0	0	NR	XXX

**GVKEY 151223 (ETF ADVISORS TR TREAS 1 FITR)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20021031	0	0	NU	XXX
20021101	20030530	89582	43698	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20021031	0	0	NR	XXX
20021101	20030521	89582	43698	LS	BBB

**GVKEY 165075 (STEALTHGAS INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20051005	0	0	NR	XXX
20051006	99999999	90950	47878	LX	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20051005	0	0	NR	XXX
20051006	99999999	90950	47878	LC	BBB

**GVKEY 2739 (CAPITOL PRODUCTS CORP)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19591101	19680429	0	0	NR	XXX
19680430	19681231	48688	25019	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19591101	19681231	0	0	NR	XXX

**GVKEY 8489 (PERKINS FOOD INC)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19631201	19690130	0	0	NR	XXX
19690131	19730831	62202	3585	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19631201	19730831	0	0	NR	XXX

**GVKEY 174357 (CLAYMORE RAYMOND JAMES SB1)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20060518	0	0	NU	XXX
20060519	20080903	91213	50693	LC	BBB
20080904	99999999	92792	51187	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20060518	0	0	NR	XXX
20060519	20080903	91213	50693	LC	BBB
20080904	99999999	92792	51187	LS	BBB

**GVKEY 175185 (ETF ADVISORS TR TREAS 2 FITR)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021101	20030530	89583	43698	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021101	20030521	89583	43698	LS	BBB

**GVKEY 175186 (ETF ADVISORS TR TREAS 5 FITR)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021101	20030530	89584	43698	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021101	20030521	89584	43698	LS	BBB

**GVKEY 175187 (ETF ADVISORS TR TREA 10 FITR)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021101	20030530	89585	43698	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021101	20030521	89585	43698	LS	BBB

**GVKEY 175201 (POWERSHARES WILDERHILL CL EN)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050303	20060228	90618	44072	LU	BBB
20060301	99999999	90618	44072	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050303	20060228	90618	44072	LS	BBB
20060301	99999999	90618	44072	LS	BBB

**GVKEY 175216 (ISHARES DJ US OIL&GAS EXP FD)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060501	20060504	0	0	NU	XXX
20060505	99999999	91229	37493	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060501	20060504	0	0	NR	XXX
20060505	99999999	91229	37493	LS	BBB

**GVKEY 175417 (VANGUARD MID-CAP GROWTH ETF)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20060823	0	0	NU	XXX
20060824	99999999	91424	41593	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20060823	0	0	NR	XXX
20060824	99999999	91424	41593	LS	BBB

**GVKEY 176515 (HEALTHSHARES ENABLING TECHNL)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070122	0	0	NU	XXX
20070123	99999999	91696	51639	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070122	0	0	NR	XXX
20070123	99999999	91696	51639	LS	BBB

**GVKEY 176837 (CLAYMORE/ROBECO DEV WRLD EQ)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070228	0	0	NU	XXX
20070301	20080229	91853	51965	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070228	0	0	NR	XXX
20070301	20080219	91853	51965	LS	BBB

**GVKEY 177276 (SPDR S&P WORLD EX-US ETF)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070425	0	0	NU	XXX
20070426	99999999	91945	43629	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070425	0	0	NR	XXX
20070426	99999999	91945	43629	LS	BBB

**GVKEY 177278 (SPDR S&P INTL SMALL CAP ETF)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070425	0	0	NU	XXX
20070426	99999999	91944	43629	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070425	0	0	NR	XXX
20070426	99999999	91944	43629	LS	BBB

**GVKEY 177736 (SPDR S&P BRIC 40 ETF)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070621	0	0	NU	XXX
20070622	99999999	92148	43629	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20070621	0	0	NR	XXX
20070622	99999999	92148	43629	LS	BBB

**GVKEY 179968 (PROSHARES ULT SHRT LEH 7-10)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080501	99999999	92664	50846	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080501	99999999	92664	50846	LS	BBB

**GVKEY 179969 (PROSHARES ULT SHRT LEH 20 PL)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080501	99999999	92662	50846	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080501	99999999	92662	50846	LS	BBB

**GVKEY 179975 (POWERSHARES AUTONOMC GTH NFA)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080520	99999999	92659	52902	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080520	99999999	92659	52902	LS	BBB

**GVKEY 179976 (POWERSHARES AUTONOMC BL NFA)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080520	99999999	92660	52902	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080520	99999999	92660	52902	LS	BBB

**GVKEY 179977 (POWERSHARES AUTONOMC NFA GBL)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080520	99999999	92661	52902	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080520	99999999	92661	52902	LS	BBB

**GVKEY 180032 (COHEN & STEERS GBL RLTY MJR)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080509	99999999	92644	53005	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080509	99999999	92644	53005	LS	BBB