

CRSP/COMPUSTAT MERGED DATABASE RELEASE NOTES

NOVEMBER 2008 MONTHLY UPDATE

ABOUT THE NOVEMBER 2008 CRSP/COMPUSTAT MERGED DATABASE

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

- **CPZ200811** – the legacy CST format database
- **CMZ200811** – 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
Source	Compustat Xpressfeed	Compustat Legacy
Volume Label	CMZyyyyymm	CPZyyyyymm
Size	6.2 Gb	2.4 Gb
Delivery Media	DVD	CD
CRSPAccess version	3.1 – ts_print ccm_print	2.95, 2.97 – ts_print cst_print
		3.1 – ts_print_cst cst_print
CRSPSift Version (Windows only)	2.1 – Standard, Professional, Enterprise versions	1.2, 2.0, 2.1 versions
SASECRSP Engine	Available in 2009	yes
C	Yes – CA3.1	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.

STATUS OF SECURITY LEVEL LINKS IN THE CCM DATABASE

Expanding the link to the security level required that CRSP rebuild the link history using the new security data, CUSIPS, and ranges, and apply these new data to the existing company level link data. This process is research-intensive and will continue.

Link differences between the 200810 X-Cut CCM Database (CMX1_200810) and the 200811 Z-Cut CCM Database (CMZ1_200811) are summarized below:

- 8 PERMNOs were dropped.
- 10 PERMOs were added.
- 55 ranges were shortened. 8 were shortened for 10 years or longer.
- 183 ranges were extended. 1 was shortened 10 years or longer.
- 28 mismatches – mismatched data were produced for at least one year. 1 mismatch lasted more than 2 years.



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Link differences between the 200810 Z-Cut CST Database (legacy CPZ1_200810) and the 200811 Z-Cut CCM Database (legacy CPZ1_200811) are summarized below. These counts are of a larger magnitude for they reflect the comparison of the old company links to the new security-level links.

- 213 PERMNOs were dropped.
- 62 PERMNOs were added.
- 1886 ranges were shortened. 60 were shortened for 10 years or longer.
- 2337 ranges were extended. 151 were extended for 10 years or longer.
- 271 mismatches – produced different data because of linking to a different GVKEY at some point during their history.

Link research and edits this month primarily involved modifying existing link range begin and end dates. A handful of links were removed. Note that adds, extensions, and mismatches can be impacted by data changes and not just link edits.

While the differences do not imply correctness of either legacy or new data, CRSP is confident that the quality of the links is comparable to that found in the legacy databases. Through continued research, we expect that quality levels will exceed those of our link data in the past.

EVENT DATA IN TS_QUERY AND TS_PRINT

Certain groups of event data return zeros rather than actual values when accessing them in TsQuery and ts_print. The following Monthly Security Split Event data items are affected:

- Monthly Adjustment Factor Data Date (datadatem)
- Raw Adjustment Factor Pay Date – Monthly (rawpm)
- Raw Adjustment Factor Ex Date – Monthly (rawxm)

CRSP recommends that CCM_Query and ccm_print be used to access event data until the next maintenance release at the end of January when these data items will be accessible using time-series access.

PARAMETERS

Legacy CPZ200811	
Number of CRSP Securities	23971
Number of GVKEYS	33679
Number of Links	63086
Database Size	2.42GB

NEW CMZ 200811	
Total Compustat Records	37563
Total GVKEY Companies	35365
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	41581
Total CRSP Securities Linked	24189
Total GVKEYs in Link	34566
Total Link Records	76264
Total Link Records with a Link to CRSP	28577

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 24.

CCM LINK HISTORY

GVKEY 63979 (CLICKNSETTLE.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 (GOUVERNEUR 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 TECHNL)

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 AUTONOMC 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 AUTONOMC 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

CST LINK HISTORY

GVKEY 63979 (CLICKSETTLE.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 12255 (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 AUTONMC 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