

CRSP/COMPUSTAT MERGED DATABASE RELEASE NOTES

JUNE 2009 MONTHLY UPDATE

ABOUT THE JUNE 2009 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is June 15, 2009.

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

- **CPZ200906** – the legacy CST format database
- **CMZ200906** – 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 Format Database (new)	CST Format Database
<i>Source</i>	<i>Compustat Xpressfeed</i>	<i>Compustat Legacy</i>
Volume Label	CMZyyyymm	CPZyyyymm
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 200906	
Number of CRSP Securities	24043
Number of GVKEYS	34030
Number of Links	64093
Database Size	2.45 GB

NEW CMZ 200906	
Total Compustat Records	38255
Total GVKEY Companies	36057
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	42477
Total CRSP Securities Linked	24268
Total GVKEYs in Link	35025
Total Link Records	80214
Total Link Records with a Link to CRSP	28344
Database Size	6.31 GB



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	19251231-20090612	1-22137
Monthly trading calendar	19251231-20121231	1-1057
Annual trading calendar	19251231-20091231	1-86
Quarterly trading calendar	19251231-20091231	1-341
Semi-Annual trading calendar	19251231-20091231	1-171
Weekly trading calendar	19260102-20090612	1-4354

NEW FOOTNOTE ITEM ADDED

The following is a new footnote item in the CCM database for the June data cut. Note that new Compustat data items or new keyset combinations of existing items have been routinely added to the CCM version of the database. These items are not available in the legacy CST version of the database.

NEW ITEM MNEMONIC	NEW ITEM NAME	KEYSET, TAG, DESCRIPTION
MMPPRFE_FN	Fe Prv&Prob Reserve ('000 tonnes) Footnote	1, STD, Industrial Format, Consolidated Information, Standardized Presentation

COMPUSTAT REFERENCE DATA

With the release of CRSPSift 2.3 and CRSPAcess 3.12, users can now access Compustat reference data beginning with the April data cut. In Sift, Reference data items are accessible from the menu bar under Tools. In CRSPAcess, a new command line executable, `ccm_ref_print` is provided for accessing the data.

Four groups of reference data items are available:

- Refcode - Reference codes and their descriptions
- Refnum - Reference numbers and their descriptions
- Economic Indicator Data - Available for US and Canada
- Currency - country currency descriptive information and daily/monthly exchange rates

Note: Different countries have differing trading calendars. CRSP is utilizing the trading calendar for the US stock markets. As a result, we are knowingly omitting exchange rate data that occur on CRSP trading holidays.

For full details of usage and examples of the Compustat reference data, refer to the CRSP website for the *Sift User Guide* and the `CCM_REF_PRINT` documentation.

CCM 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 20.

ABITIBIBOWATER INC (GVKEY 2337)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830101	19840517	0	0	00X	NR	C
19840518	99999999	66130	20325	01	LC	P
20071031	20081231	66130	20325	01C	LX	N
20090101	99999999	66130	20325	01C	LX	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830101	19840517	0	0	00X	NR	C
19840518	20090415	66130	20325	01	LC	P
20090416	99999999	0	0	01	NR	P
20071031	20081231	66130	20325	01C	LX	N
20090101	20090415	66130	20325	01C	LX	J
20090416	99999999	0	0	01C	NR	J

ABM COMPUTER SYSTEMS INC (GVKEY 1008)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830601	19830824	0	0	00X	NU	C
19830825	19871030	10066	6331	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830601	19830824	0	0	00X	NR	C
19830825	19870330	10066	6331	01	LC	P
19870331	19871030	10066	6331	01	LD	P

ABOVENET INC (GVKEY 65706)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19971028	0	0	00X	NU	C
19971029	20020517	85479	15781	01	LU	P
20020518	20030831	0	0	01	NU	P
20030901	20030929	0	0	01	NU	C
20030930	20030930	0	0	01	NU	N
20030930	99999999	0	0	03	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971028	0	0	00X	NR	C
19971029	20020517	85479	15781	01	LC	P
20020518	20030831	0	0	01	NR	P
20030901	20030929	0	0	01	NR	C
20030930	20030930	0	0	01	NR	N
20030930	20090511	0	0	03	NR	P
20090512	99999999	92923	53144	03	LC	P

ACME-CLEVELAND CORP (GVKEY 1098)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670131	19680130	10057	20020	01	LN	C
19680131	19960731	10057	20020	01	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670131	19671231	0	0	01	NR	C
19680101	19960702	10057	20020	01	LC	C

BIG O TIRES INC (GVKEY 13306)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19861230	0	0	00X	NU	C
19861231	19960731	92508	7315	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19861225	0	0	00X	NR	C
19861226	19960710	92508	7315	01	LC	P

BIOHEART INC (GVKEY 177226)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20080218	0	0	00X	NU	C
20080219	99999999	92554	52947	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20080218	0	0	00X	NR	C
20080219	20090226	92554	52947	01	LC	P
20090227	99999999	0	0	01	NR	P

BIO-RAD LABORATORIES INC (GVKEY 2220)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19740101	19741017	0	0	00X	NR	C
19741018	19800330	61508	655	01	LC	P
19800331	99999999	61516	655	01	LC	P
19820129	99999999	61508	655	02	LC	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19740101	19741017	0	0	00X	NR	C
19741018	19820128	61508	655	01	LC	P
19820129	99999999	61516	655	01	LC	P
19820129	99999999	61508	655	02	LC	N

BROADPOINT SECURITIES GROUP (GVKEY 11819)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19841001	19851210	0	0	00X	NU	C
19851211	99999999	87856	7913	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19841001	19851210	0	0	00X	NR	C
19851211	20090529	87856	7913	01	LC	P

CAPITAL CORP OF THE WEST (GVKEY 61832)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19960117	0	0	00X	NR	C
19960118	99999999	82813	14291	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19960117	0	0	00X	NR	C
19960118	20090210	82813	14291	01	LC	P
20090211	99999999	0	0	01	NR	P

CINCINNATI GAS & ELECTRIC (GVKEY 3039)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	22947	20449	00X	LD	C
19620131	19941024	22947	20449	01	LC	P
19941025	20060331	22947	20449	99X	LN	C
20060401	99999999	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	22947	20449	00X	LD	C
19620131	19941024	22947	20449	01	LD	P
19941025	99999999	0	0	99X	NR	C

DOW CHEMICAL (GVKEY 4060)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500601	19620130	20626	20597	00X	LU	C
19620131	99999999	20626	20597	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500601	19620130	20626	20597	00X	LC	C
19620131	99999999	20626	20597	01	LC	P

FIRST AMERICAN CORP/CA (GVKEY 12796)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19800101	19800130	35124	1629	00X	LN	C
19800131	19831130	35124	1629	01	LD	P
19831201	19920924	35124	1629	01	LD	J
19891121	19920924	75868	1629	02	LC	J
19831230	99999999	35124	1629	03	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19800101	19800130	35124	1629	00X	LC	C
19800131	19831130	35124	1629	01	LC	P
19831201	19831229	35124	1629	01	LC	J
19831230	19920924	35124	1629	01	LD	J
19891121	19920924	75868	1629	02	LC	J
19831230	99999999	35124	1629	03	LC	C

FIRST SEC FINANCIAL CORP (GVKEY 176428)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880729	19950630	88023	7917	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880729	19950518	88023	7917	01	LD	P
19950519	19950630	0	0	01	NR	P

FLORIDA POWER CORP (GVKEY 4799)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19640130	22496	20739	00X	LD	C
19640131	19820328	22496	20739	01	LC	P
19820329	20001130	22496	20739	99X	LN	C
20001201	99999999	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19640130	22496	20739	00X	LD	C
19640131	19820328	22496	20739	01	LD	P
19820329	99999999	0	0	99X	NR	C

FP INDUSTRIES INC (GVKEY 12923)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820201	19850116	0	0	00X	NR	C
19850117	19860826	87760	7384	99X	LU	C
19860827	19861031	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820201	19850116	0	0	00X	NR	C
19850117	19850602	87760	7384	00X	LD	C
19850603	19861031	0	0	00X	NR	C

FP INDUSTRIES INC-OLD (GVKEY 4516)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19800201	19850530	0	0	00X	NU	C
19850531	19860826	87760	7384	01	LC	C
19860827	20021031	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19800201	19850530	0	0	00X	NR	C
19850531	19850602	0	0	01	NR	C
19850603	19860826	87760	7384	01	LC	C
19860827	20021031	0	0	01	NR	C

FRIEDMN BILLINGS RMSY -CL A (GVKEY 66085)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971222	0	0	00X	NU	C
19971223	99999999	85653	32183	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971222	0	0	00X	NR	C
19971223	20090531	85653	32183	01	LC	P

GAINSCO INC (GVKEY 14192)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19861105	0	0	00X	NU	C
19861106	99999999	10822	8710	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19861105	0	0	00X	NR	C
19861106	99999999	10822	8710	01	LC	P

GEVITY HR INC (GVKEY 64994)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970625	0	0	00X	NU	C
19970626	99999999	85042	15552	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970625	0	0	00X	NR	C
19970626	20090529	85042	15552	01	LC	P

GREAT PLAINS ENERGY INC (GVKEY 6334)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	24432	21032	00X	LU	C
19620131	99999999	24432	21032	01	LU	P
19980430	20051230	0	0	06	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	24432	21032	00X	LC	C
19620131	99999999	24432	21032	01	LC	P
19980430	20051230	0	0	06	NR	J
20090529	99999999	0	0	10	NR	J

GTC BIOTHERAPEUTICS INC (GVKEY 28563)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930708	0	0	00X	NU	C
19930709	99999999	79390	12265	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930708	0	0	00X	NR	C
19930709	99999999	79390	12265	01	LC	P

ICOP DIGITAL INC (GVKEY 152170)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20030130	0	0	00X	NR	C
20030131	20050707	0	0	01	NU	C
20050708	99999999	90816	47020	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20030130	0	0	00X	NR	C
20030131	20050707	0	0	01	NR	C
20050708	99999999	90816	47020	01	LC	C

IMPLANT SCIENCES CORP (GVKEY 122034)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970701	19990909	0	0	00X	NU	C
19990910	99999999	86975	16607	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970701	19990909	0	0	00X	NR	C
19990910	20090403	86975	16607	01	LC	P
20090404	99999999	0	0	01	NR	P

IMT INC (GVKEY 14361)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840919	19890313	88816	7192	01	LU	C
19890314	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840919	19890313	88816	7192	01	LC	C
19890314	99999999	0	0	01	NR	C

IMT INC-OLD (GVKEY 5425)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840401	19840918	0	0	00X	NU	C
19840919	19840927	88816	7192	00X	LU	C
19840928	19860401	88816	7192	01	LU	P
19860402	19870529	0	0	01	NU	P
19870530	19870630	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840401	19840918	0	0	00X	NR	C
19840919	19870529	88816	7192	01	LD	P
19870530	19870630	0	0	99X	NR	C

INDIANAPOLIS POWER & LIGHT (GVKEY 5921)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19650101	19650128	21370	21004	00X	LD	C
19650129	19831230	21370	21004	01	LC	P
19831231	20010327	21370	21004	99X	LN	C
20010328	99999999	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19650101	19650128	21370	21004	00X	LD	C
19650129	19831230	21370	21004	01	LD	P
19831231	99999999	0	0	99X	NR	C

INFOSPACE INC (GVKEY 116772)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19981214	0	0	00X	NU	C
19981215	99999999	86544	16347	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19981214	0	0	00X	NR	C
19981215	99999999	86544	16347	01	LC	P

M & T BANK CORP (GVKEY 4699)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19630101	19631230	0	0	00X	NU	C
19631231	19721213	0	0	01	NU	C
19721214	99999999	35554	1689	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19630101	19631230	0	0	00X	NR	C
19631231	19721213	0	0	01	NR	C
19721214	99999999	35554	1689	01	LC	C

MIW INVESTORS-WASHINGTON (GVKEY 6881)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730401	19790130	50498	2931	00X	LD	C
19790131	19860530	50498	2931	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730401	19790130	50498	2931	00X	LC	C
19790131	19811231	50498	2931	01	LC	P
19820101	19860530	50498	2931	01	LD	P

MYRIAD GENETICS INC (GVKEY 61399)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940701	19951005	0	0	00X	NU	C
19951006	99999999	82508	14031	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940701	19951005	0	0	00X	NR	C
19951006	99999999	82508	14031	01	LC	P

NAM TAI ELECTRONIC (GVKEY 14924)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870401	19880327	0	0	00X	NR	C
19880328	19881212	76961	26128	02	LC	C
19881213	19901125	0	0	02	NR	C
19901126	99999999	76961	26128	02	LC	C
20090430	99999999	76961	26128	02C	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870401	19880327	0	0	00X	NR	C
19880328	19881212	76961	26128	02	LC	C
19881213	19901125	0	0	02	NR	C
19901126	99999999	76961	26128	02	LC	C
20090430	99999999	76961	26128	02C	LX	J

OILSANDS QUEST INC (GVKEY 139526)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20001031	20060823	0	0	01	NU	P
20060824	99999999	91411	51091	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20001031	20060823	0	0	01	NR	P
20060824	99999999	91411	51091	01	LC	P

OPPENHEIMER HLDGS INC -CL A (GVKEY 13453)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19880629	0	0	00X	NU	C
19930226	99999999	78451	26284	01	LU	C
19880630	19930225	78451	26284	01C	LX	C
19930226	99999999	78451	26284	01C	LX	N
20090227	99999999	0	0	02	NR	J
19960229	99999999	0	0	02C	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19860101	78451	26284	00X	LN	C
19860102	19860827	0	0	00X	NR	C
19860828	19861230	78451	26284	00X	LN	C
19861231	19880629	78451	26284	00X	LC	C
19930226	99999999	78451	26284	01	LC	C
19880630	19930225	78451	26284	01C	LX	C
19930226	20090430	78451	26284	01C	LX	N
20090501	99999999	78451	26284	01C	LX	J
20090227	99999999	0	0	02	NR	J
19960229	99999999	0	0	02C	NR	J

PARAGON TECHNOLOGIES INC (GVKEY 9323)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730301	19771129	68233	4111	00X	LU	C
19771130	99999999	68233	4111	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730301	19771129	68233	4111	00X	LC	C
19771130	20090508	68233	4111	01	LC	P
20090509	99999999	0	0	01	NR	P

PASQUALE FOODS CO -CL B (GVKEY 8371)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19731001	19771030	0	0	00X	NU	C
19771031	19861231	61365	3463	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19731001	19771030	0	0	00X	NR	C
19771031	19861231	61365	3463	01	LC	P
19850628	19861231	61373	3463	02	LC	N
19870101	19870130	61373	3463	02	LC	C

PERINI CORP (GVKEY 8486)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19641129	0	0	00X	NU	C
19641130	19700511	0	0	01	NU	C
19700512	99999999	50550	21385	01	LU	C
19980430	20051230	0	0	02	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19641129	0	0	00X	NR	C
19641130	19700511	0	0	01	NR	C
19700512	20090529	50550	21385	01	LC	C
20090530	99999999	0	0	01	NR	C
19980430	20051230	0	0	02	NR	J

PROVIDENT BANKSHARES CORP (GVKEY 17030)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19871215	99999999	11823	9630	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19871215	20090522	11823	9630	01	LC	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
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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19590101	19620130	0	0	00X	NR	C
19881031	19951229	0	0	02	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

QUEBECOR WORLD INC -SUB VTG (GVKEY 25291)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19920429	0	0	00X	NU	C
19980430	20080122	82784	30812	01	LU	P
20080123	99999999	0	0	01	NU	P
19920430	19951210	0	0	01C	NU	C
19951211	19980429	82784	30812	01C	LX	C
19980430	20080122	82784	30812	01C	LX	N
20080123	99999999	0	0	01C	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19920429	0	0	00X	NR	C
19980430	20080122	82784	30812	01	LC	P
20080123	99999999	0	0	01	NR	P
19920430	19951210	0	0	01C	NR	C
19951211	19980429	82784	30812	01C	LX	C
19980430	20080122	82784	30812	01C	LX	N
20080123	99999999	0	0	01C	NR	N

RENAISSANCE CAP G&I FD III (GVKEY 62731)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960329	19960429	0	0	01	NU	P
19960430	99999999	83410	14569	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960329	19960429	0	0	01	NR	P
19960430	20090531	83410	14569	01	LC	P

ROHM AND HAAS CO (GVKEY 9217)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	23990	21527	00X	LN	C
19620131	99999999	23990	21527	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	23990	21527	00X	LC	C
19620131	20090401	23990	21527	01	LC	P

SECURITY CAPITAL BANCORP (GVKEY 16858)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830831	19851212	0	0	01	NU	P
19851213	19950630	88023	7917	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830831	19851212	0	0	01	NR	P
19851213	19950518	88023	7917	01	LC	P
19950519	19950630	0	0	01	NR	P

SHARPS COMPLIANCE CORP (GVKEY 112819)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980731	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980731	20090505	0	0	01	NR	P
20090506	99999999	92935	53155	01	LC	P

SPDR BRCLYS HIGH YLD BD ETF (GVKEY 179035)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071230	0	0	00X	NU	C
20071231	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071203	0	0	00X	NR	C
20071204	99999999	92922	39147	01	LS	P

STOCKBRIDGE CAPITAL LTD (GVKEY 13705)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860501	19861117	0	0	00X	NR	C
19861118	19870330	10864	8747	00X	LN	C
19870331	19881031	10864	8747	01	LC	C
19881101	19900131	10864	8747	01	LN	C
19900101	19900131	10864	8747	01	LD	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860501	19861117	0	0	00X	NR	C
19861118	19870330	10864	8747	00X	LN	C
19870331	19881031	10864	8747	01	LC	C
19881101	19890614	10864	8747	01	LN	C
19890615	19891231	0	0	01	NR	C
19900101	19900131	10864	8747	01	LD	C

TDK CORP (GVKEY 1275)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19791001	19791230	64362	4398	00X	LN	C
19900731	20080630	64362	4398	01	LC	N
19791231	20090424	64362	4398	90	LC	P
20090425	99999999	0	0	90	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19791001	19791230	64362	4398	00X	LN	C
19900731	20080630	0	0	01	NR	N
19791231	20090424	64362	4398	90	LC	P
20090425	99999999	0	0	90	NR	P

TIRES INC (GVKEY 10586)

OLD:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19850130	0	0	00X	NU	C
19850131	19870529	92508	7315	01	LU	P

NEW:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19841122	0	0	00X	NR	C
19841123	19850130	92508	7315	00X	LN	C
19850131	19861225	92508	7315	01	LC	P
19861226	19870529	92508	7315	01	LD	P

TRACK DATA CORP (GVKEY 30594)

OLD:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940810	0	0	00X	NU	C
19940811	99999999	80820	13253	01	LU	P

NEW:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940810	0	0	00X	NR	C
19940811	99999999	80820	13253	01	LC	P

UNIVERSAL TRAVEL GROUP (GVKEY 163819)

OLD:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060731	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20060730	0	0	00X	NR	C
20060731	20090527	0	0	01	NR	P
20090528	99999999	92932	53153	01	LC	P

VALHI INC-OLD (GVKEY 6523)

OLD:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NR	C
19620131	19671022	0	0	01	NR	P
19671023	19850130	45225	21854	01	LC	P
19850131	19870228	45225	21854	01	LD	P
19870311	19880531	45225	21854	99X	LN	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NR	C
19620131	19671022	0	0	01	NR	P
19671023	19850130	45225	21854	01	LC	P
19850131	19870227	45225	21854	01	LD	P
19870228	19880531	0	0	99X	NR	C

WESTSIDE ENERGY CORP (GVKEY 64831)

OLD:

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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980430	19980831	0	0	01	NR	P
20040331	20050619	0	0	03	NR	P
20050620	20080626	90777	46891	03	LC	P
20080627	20080829	0	0	99X	NR	C

WINN-DIXIE STORES INC (GVKEY 11535)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19490701	19520217	0	0	00X	NU	C
19520218	19620130	24803	21926	00X	LU	C
19620131	20050218	24803	21926	01	LC	P
20050219	20061031	0	0	01	NR	P
20061101	20061129	0	0	01	NR	C
20061130	20061130	0	0	01	NR	N
20061130	20061221	0	0	02	NR	P
20061222	99999999	91624	21926	02	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19490701	19520217	0	0	00X	NR	C
19520218	19620130	24803	21926	00X	LC	C
19620131	20050218	24803	21926	01	LC	P
20050219	20061031	0	0	01	NR	P
20061101	20061129	0	0	01	NR	C
20061130	20061130	0	0	01	NR	N
20061130	20061221	0	0	02	NR	P
20061222	99999999	91624	21926	02	LC	P
19810130	19810416	59475	21926	03	LC	J

CST LINK HISTORY

ABITIBOWATER INC (GVKEY 2337)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830101	19840517	0	0	NR	XXX
19840518	99999999	66130	20325	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830101	19840517	0	0	NR	XXX
19840518	20090415	66130	20325	LC	BBB
20090416	99999999	0	0	NR	XXX

ABM COMPUTER SYSTEMS INC (GVKEY 1008)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830601	19830824	0	0	NU	XXX
19830825	19871030	10066	6331	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830601	19830824	0	0	NR	XXX
19830825	19870330	10066	6331	LC	BBB
19870331	19871030	10066	6331	LD	BBB

ABOVENET INC (GVKEY 65706)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19971028	0	0	NU	XXX
19971029	20020517	85479	15781	LU	BBB
20020518	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971028	0	0	NR	XXX
19971029	20020517	85479	15781	LC	BBB
20020518	20090511	0	0	NR	XXX
20090512	99999999	92923	53144	LC	BBB

ACME-CLEVELAND CORP (GVKEY 1098)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670131	19680130	10057	20020	LN	BBB
19680131	19960731	10057	20020	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670131	19671231	0	0	NR	XXX
19680101	19960702	10057	20020	LC	BBB

BIG O TIRES INC (GVKEY 13306)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19861230	0	0	NU	XXX
19861231	19960731	92508	7315	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19861225	0	0	NR	XXX
19861226	19960710	92508	7315	LC	BBB

BIOHEART INC (GVKEY 177226)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20080218	0	0	NU	XXX
20080219	99999999	92554	52947	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20080218	0	0	NR	XXX
20080219	20090226	92554	52947	LC	BBB
20090227	99999999	0	0	NR	XXX

BIO-RAD LABORATORIES INC (GVKEY 2220)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19740101	19741017	0	0	NR	XXX
19741018	19800330	61508	655	LC	BBB
19800331	99999999	61516	655	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19740101	19741017	0	0	NR	XXX
19741018	19820128	61508	655	LC	BBB
19820129	99999999	61516	655	LC	BBB

BROADPOINT SECURITIES GROUP (GVKEY 11819)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19841001	19851210	0	0	NU	XXX
19851211	99999999	87856	7913	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19841001	19851210	0	0	NR	XXX
19851211	20090529	87856	7913	LC	BBB

CAPITAL CORP OF THE WEST (GVKEY 61832)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19960117	0	0	NR	XXX
19960118	99999999	82813	14291	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19960117	0	0	NR	XXX
19960118	20090210	82813	14291	LC	BBB
20090211	99999999	0	0	NR	XXX

CINCINNATI GAS & ELECTRIC (GVKEY 3039)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19620130	22947	20449	LD	BBB
19620131	19941024	22947	20449	LC	BBB
19941025	20060331	22947	20449	LN	BBB
20060401	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19941024	22947	20449	LD	BBB
19941025	99999999	0	0	NR	XXX

DOW CHEMICAL (GVKEY 4060)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500601	99999999	20626	20597	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500601	99999999	20626	20597	LC	BBB

FIRST AMERICAN CORP/CA (GVKEY 12796)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19800101	19800130	35124	1629	LN	BBB
19800131	19831130	35124	1629	LD	BBB
19831230	99999999	35124	1629	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19800101	99999999	35124	1629	LC	BBB

FIRST SEC FINANCIAL CORP (GVKEY 176428)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880729	19950630	88023	7917	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880729	19950518	88023	7917	LD	BBB
19950519	19950630	0	0	NR	XXX

FLORIDA POWER CORP (GVKEY 4799)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19640130	22496	20739	LD	BBB
19640131	19820328	22496	20739	LC	BBB
19820329	20001130	22496	20739	LN	BBB
20001201	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19820328	22496	20739	LD	BBB
19820329	99999999	0	0	NR	XXX

FP INDUSTRIES INC (GVKEY 12923)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820201	19850116	0	0	NR	XXX
19850117	19860826	87760	7384	LU	BBB
19860827	19861031	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820201	19850116	0	0	NR	XXX
19850117	19850602	87760	7384	LD	BBB
19850603	19861031	0	0	NR	XXX

FP INDUSTRIES INC-OLD (GVKEY 4516)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19800201	19850530	0	0	NU	XXX
19850531	19860826	87760	7384	LC	BBB
19860827	20021031	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19800201	19850602	0	0	NR	XXX
19850603	19860826	87760	7384	LC	BBB
19860827	20021031	0	0	NR	XXX

FRIEDMN BILLINGS RMSY -CL A (GVKEY 66085)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971222	0	0	NU	XXX
19971223	99999999	85653	32183	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971222	0	0	NR	XXX
19971223	20090531	85653	32183	LC	BBB

GAINSCO INC (GVKEY 14192)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19861105	0	0	NU	XXX
19861106	99999999	10822	8710	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19861105	0	0	NR	XXX
19861106	99999999	10822	8710	LC	BBB

GEVITY HR INC (GVKEY 64994)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970625	0	0	NU	XXX
19970626	99999999	85042	15552	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970625	0	0	NR	XXX
19970626	20090529	85042	15552	LC	BBB

GREAT PLAINS ENERGY INC (GVKEY 6334)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	99999999	24432	21032	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	99999999	24432	21032	LC	BBB

GTC BIOTHERAPEUTICS INC (GVKEY 28563)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930708	0	0	NU	XXX
19930709	99999999	79390	12265	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930708	0	0	NR	XXX
19930709	99999999	79390	12265	LC	BBB

ICOP DIGITAL INC (GVKEY 152170)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20030130	0	0	NR	XXX
20030131	20050707	0	0	NU	XXX
20050708	99999999	90816	47020	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20050707	0	0	NR	XXX
20050708	99999999	90816	47020	LC	BBB

IMPLANT SCIENCES CORP (GVKEY 122034)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970701	19990909	0	0	NU	XXX
19990910	99999999	86975	16607	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970701	19990909	0	0	NR	XXX
19990910	20090403	86975	16607	LC	BBB
20090404	99999999	0	0	NR	XXX

IMT INC (GVKEY 14361)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840919	19890313	88816	7192	LU	BBB
19890314	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840919	19890313	88816	7192	LC	BBB
19890314	99999999	0	0	NR	XXX

IMT INC-OLD (GVKEY 5425)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840401	19840918	0	0	NU	XXX
19840919	19860401	88816	7192	LU	BBB
19860402	19870630	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840401	19840918	0	0	NR	XXX
19840919	19870529	88816	7192	LD	BBB
19870530	19870630	0	0	NR	XXX

INDIANAPOLIS POWER & LIGHT (GVKEY 5921)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19650101	19650128	21370	21004	LD	BBB
19650129	19831230	21370	21004	LC	BBB
19831231	20010327	21370	21004	LN	BBB
20010328	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19650101	19831230	21370	21004	LD	BBB
19831231	99999999	0	0	NR	XXX

INFOSPACE INC (GVKEY 116772)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19981214	0	0	NU	XXX
19981215	99999999	86544	16347	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19981214	0	0	NR	XXX
19981215	99999999	86544	16347	LC	BBB

M & T BANK CORP (GVKEY 4699)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19630101	19721213	0	0	NU	XXX
19721214	99999999	35554	1689	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19630101	19721213	0	0	NR	XXX
19721214	99999999	35554	1689	LC	BBB

MIW INVESTORS-WASHINGTON (GVKEY 6881)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730401	19790130	50498	2931	LD	BBB
19790131	19860530	50498	2931	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730401	19811231	50498	2931	LC	BBB
19820101	19860530	50498	2931	LD	BBB

MYRIAD GENETICS INC (GVKEY 61399)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940701	19951005	0	0	NU	XXX
19951006	99999999	82508	14031	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940701	19951005	0	0	NR	XXX
19951006	99999999	82508	14031	LC	BBB

NAM TAI ELECTRONIC (GVKEY 14924)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870401	19880327	0	0	NR	XXX
19880328	19881212	76961	26128	LC	BBB
19881213	19901125	0	0	NR	XXX
19901126	99999999	76961	26128	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19870401	19880327	0	0	NR	XXX
19880328	19881212	76961	26128	LC	BBB
19881213	19901125	0	0	NR	XXX
19901126	99999999	76961	26128	LC	BBB

OILSANDS QUEST INC (GVKEY 139526)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20001031	20060823	0	0	NU	XXX
20060824	99999999	91411	51091	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20001031	20060823	0	0	NR	XXX
20060824	99999999	91411	51091	LC	BBB

OPPENHEIMER HLDGS INC -CL A (GVKEY 13453)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19880629	0	0	NU	XXX
19930226	99999999	78451	26284	LU	BBB
19880630	19930225	78451	26284	LX	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19860101	78451	26284	LN	BBB
19860102	19860827	0	0	NR	XXX
19860828	19861230	78451	26284	LN	BBB
19861231	99999999	78451	26284	LC	BBB
19880630	19930225	78451	26284	LX	BBB

PARAGON TECHNOLOGIES INC (GVKEY 9323)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730301	99999999	68233	4111	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730301	20090508	68233	4111	LC	BBB
20090509	99999999	0	0	NR	XXX

PASQUALE FOODS CO -CL B (GVKEY 8371)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19731001	19771030	0	0	NU	XXX
19771031	19861231	61365	3463	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19731001	19771030	0	0	NR	XXX
19771031	19861231	61365	3463	LC	BBB
19870101	19870130	61373	3463	LC	BBB

PERINI CORP (GVKEY 8486)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19700511	0	0	NU	XXX
19700512	99999999	50550	21385	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19700511	0	0	NR	XXX
19700512	20090529	50550	21385	LC	BBB
20090530	99999999	0	0	NR	XXX

PROVIDENT BANKSHARES CORP (GVKEY 17030)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19871215	99999999	11823	9630	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19871215	20090522	11823	9630	LC	BBB

PROVIDENT COS INC (GVKEY 8794)

OLD:

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

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19590101	19620130	0	0	NR	XXX
19951201	19951226	64531	3430	LD	BBB
19951227	19990630	64531	3430	LC	BBB
19990701	19990730	0	0	NR	XXX

QUEBECOR WORLD INC -SUB VTG (GVKEY 25291)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19920429	0	0	NU	XXX
19980430	20080122	82784	30812	LU	BBB
20080123	19951210	0	0	NU	XXX
19951211	19980429	82784	30812	LX	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19920429	0	0	NR	XXX
19980430	20080122	82784	30812	LC	BBB
20080123	19951210	0	0	NR	XXX

19951211	19980429	82784	30812	LX	BBB
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RENAISSANCE CAP G&I FD III (GVKEY 62731)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960329	19960429	0	0	NU	XXX
19960430	99999999	83410	14569	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960329	19960429	0	0	NR	XXX
19960430	20090531	83410	14569	LC	BBB

ROHM AND HAAS CO (GVKEY 9217)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19620130	23990	21527	LN	BBB
19620131	99999999	23990	21527	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	20090401	23990	21527	LC	BBB

SECURITY CAPITAL BANCORP (GVKEY 16858)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830831	19851212	0	0	NU	XXX
19851213	19950630	88023	7917	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830831	19851212	0	0	NR	XXX
19851213	19950518	88023	7917	LC	BBB
19950519	19950630	0	0	NR	XXX

SHARPS COMPLIANCE CORP (GVKEY 112819)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980731	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980731	20090505	0	0	NR	XXX
20090506	99999999	92935	53155	LC	BBB

SPDR BRCLYS HIGH YLD BD ETF (GVKEY 179035)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20071230	0	0	NU	XXX
20071231	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20071203	0	0	NR	XXX
20071204	99999999	92922	39147	LS	BBB

STOCKBRIDGE CAPITAL LTD (GVKEY 13705)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860501	19861117	0	0	NR	XXX
19861118	19870330	10864	8747	LN	BBB
19870331	19881031	10864	8747	LC	BBB
19881101	19900131	10864	8747	LN	BBB
19900101	19900131	10864	8747	LD	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860501	19861117	0	0	NR	XXX
19861118	19870330	10864	8747	LN	BBB
19870331	19881031	10864	8747	LC	BBB
19881101	19890614	10864	8747	LN	BBB
19890615	19891231	0	0	NR	XXX
19900101	19900131	10864	8747	LD	BBB

TDK CORP (GVKEY 1275)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19791001	19791230	64362	4398	LN	BBB
19791231	20090424	64362	4398	LC	BBB
20090425	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19791001	19791230	64362	4398	LN	BBB
19791231	20090424	64362	4398	LC	BBB
20090425	99999999	0	0	NR	XXX

TIRES INC (GVKEY 10586)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19850130	0	0	NU	XXX
19850131	19870529	92508	7315	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19841122	0	0	NR	XXX
19841123	19850130	92508	7315	LN	BBB
19850131	19861225	92508	7315	LC	BBB
19861226	19870529	92508	7315	LD	BBB

TRACK DATA CORP (GVKEY 30594)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940810	0	0	NU	XXX
19940811	99999999	80820	13253	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940810	0	0	NR	XXX
19940811	99999999	80820	13253	LC	BBB

UNIVERSAL TRAVEL GROUP (GVKEY 163819)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060731	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20090527	0	0	NR	XXX
20090528	99999999	92932	53153	LC	BBB

VALHI INC-OLD (GVKEY 6523)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19671022	0	0	NR	XXX
19671023	19850130	45225	21854	LC	BBB
19850131	19870228	45225	21854	LD	BBB
19870311	19880531	45225	21854	LN	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19671022	0	0	NR	XXX
19671023	19850130	45225	21854	LC	BBB
19850131	19870227	45225	21854	LD	BBB
19870228	19880531	0	0	NR	XXX

WESTSIDE ENERGY CORP (GVKEY 64831)

OLD:

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

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980430	20050619	0	0	NR	XXX
20050620	20080626	90777	46891	LC	BBB
20080627	20080829	0	0	NR	XXX

WINN-DIXIE STORES INC (GVKEY 11535)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19490701	19520217	0	0	NU	XXX
19520218	19620130	24803	21926	LU	BBB
19620131	20050218	24803	21926	LC	BBB
20050219	20061221	0	0	NR	XXX
20061222	99999999	91624	21926	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19490701	19520217	0	0	NR	XXX
19520218	20050218	24803	21926	LC	BBB
20050219	20061221	0	0	NR	XXX
20061222	99999999	91624	21926	LC	BBB