

CRSP/COMPUSTAT MERGED DATABASE RELEASE NOTES

MAY 2009 MONTHLY UPDATE

ABOUT THE MAY 2009 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is May 10, 2009.

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

- **CPZ200905** – the legacy CST format database
- **CMZ200905** – 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 200905	
Number of CRSP Securities	24034
Number of GVKEYS	34008
Number of Links	64058
Database Size	2.44 GB

NEW CMZ 200905	
Total Compustat Records	38135
Total GVKEY Companies	35937
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	42329
Total CRSP Securities Linked	24255
Total GVKEYs in Link	34953
Total Link Records	80112
Total Link Records with a Link to CRSP	28329
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	19251231-20090508	1-22113
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	19260102-20090508	1-4349

NEW KEYSETS ADDED

The following are new keyset combinations for existing data code items in the CCM database for the May 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.

ITEM MNEMONIC	ITEM NAME	NEW KEYSET, TAG, DESCRIPTION
AQAQ_DC	Acquisition/Merger After-tax Data Code – Quarterly Data	7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation
AQAY_DC	Acquisition/Merger After-tax Data Code – Annual Data	7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation
AQDQ_DC	Acquisition/Merger Diluted EPS Effect Data Code – Quarterly Data	7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation
AQDY_DC	Acquisition/Merger Diluted EPS Effect Data Code – Annual Data	7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation
NRTXTQ_DC	Nonrecurring Income Taxes-After-tax Data Code	44, BSTD, Bank Format, Consolidated Information, Standardized Presentation

NEW FOOTNOTE ITEMS IN CCM

ITEM MNEMONIC	ITEM NAME	NEW KEYSET, TAG, DESCRIPTION
ORFMQ_FN	Fuel Margin (actual \$ per gal) Footnote – Quarterly Data	1, STD, Industrial Format, Consolidated Information, Standardized Presentation
ORFMY_FN	Fuel Margin (actual \$ per gal) Footnote – Annual Data	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 13.

MAY 2009 CCM LINK HISTORY

AGNICO EAGLE MINES LTD (GVKEY 1186)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730101	19730130	0	0	00X	NU	C
19730131	19821031	0	0	01	NU	P
19821101	99999999	78223	26174	01	LU	P
19820129	19821031	0	0	01C	NU	N
19821101	99999999	78223	26174	01C	LX	N
20021129	20071130	0	0	02	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730101	19730130	0	0	00X	NR	C
19730131	19821031	0	0	01	NR	P
19821101	99999999	78223	26174	01	LC	P
19820129	19821031	0	0	01C	NR	N
19821101	99999999	78223	26174	01C	LX	N
20021129	20071130	0	0	02	NR	J

BROADRIDGE FINANCIAL SOLUTNS (GVKEY 176928)OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030701	20070329	0	0	00X	NR	C
20070330	99999999	91849	51962	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030701	20070401	0	0	00X	NR	C
20070402	99999999	91849	51962	01	LC	P

BROADWIND ENERGY INC (GVKEY 179249)OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060228	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060228	20090408	0	0	01	NR	P
20090409	99999999	92917	53139	01	LC	P

CINCINNATI GAS & ELECTRIC (GVKEY 3039)OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	22947	20449	00X	LD	C
19620131	19941031	22947	20449	01	LC	P
19941101	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	LC	P
19941025	20060331	22947	20449	99X	LN	C
20060401	99999999	0	0	99X	NR	C

DISCOVER FINANCIAL SVCS INC (GVKEY 177376)OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20041001	20070628	0	0	00X	NR	C
20070629	99999999	92121	52396	02	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20041001	20070701	0	0	00X	NR	C
20070702	99999999	92121	52396	02	LC	P

DISTRIBUCION Y SERVICIO SA (GVKEY 205677)OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19971007	0	0	00X	NR	C
19971008	20090227	85423	32107	90	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19971007	0	0	00X	NR	C
19971008	20090123	85423	32107	90	LC	P
20090124	99999999	0	0	90	NR	P

ECHOSTAR CORP (GVKEY 179202)OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20071230	0	0	00X	NR	C
20071231	20071231	92469	52887	01	LC	C
20080101	99999999	92469	52887	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20080101	0	0	00X	NR	C
20080102	99999999	92469	52887	01	LC	P

EVERGREEN RESOURCES (GVKEY 20064)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880129	20040930	33647	5238	03	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880129	20040928	33647	5238	03	LC	P

FIRST AMERICAN CORP/CA (GVKEY 12796)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19800101	19800130	35124	1629	00X	LC	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	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

FIRST AMERICAN CORP/CA (GVKEY 12796)

OLD:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19800101	19800130	35124	1629	00X	LC	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	LINKENDT	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

FLORIDA POWER CORP (GVKEY 4799)

OLD:

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

NEW:

LINKDT	LINKENDT	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

HILLENBRAND INC (GVKEY 179657)

OLD:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021001	20080330	0	0	00X	NR	C
20080331	99999999	92597	52975	01	LC	P

NEW:

LINKDT	LINKENDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021001	20080331	0	0	00X	NR	C
20080401	99999999	92597	52975	01	LC	P

INDIANAPOLIS POWER & LIGHT (GVKEY 5921)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19650101	19650128	21370	21004	00X	LD	C
19650129	19831120	21370	21004	01	LU	P
19831121	19831230	0	0	01	NU	P
19831231	20011130	0	0	99X	NU	C

NEW:

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

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	LU	P

NEW:

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

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	LC	C

ORRSTOWN FINANCIAL SVCS INC (GVKEY 111819)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970630	19980531	0	0	01	NU	C
19980601	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970630	19980531	0	0	01	NR	C
19980601	20090427	0	0	01	NR	P
20090428	99999999	92919	53141	01	LC	P

PETROMINERALS CORP (GVKEY 8521)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790101	19810129	0	0	00X	NU	C
19810130	19840405	0	0	01	NU	C
19840406	20020708	62405	6966	01	LU	C
20020709	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790101	19810129	0	0	00X	NR	C
19810130	19840405	0	0	01	NR	C
19840406	20020708	62405	6966	01	LC	C
20020709	99999999	0	0	01	NR	C

PETROMINERALS CORP-OLD (GVKEY 8520)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19740101	19780712	0	0	00X	NR	C
19780713	19781229	62405	6966	00X	LN	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19740101	19781229	0	0	00X	NR	C

PROVIDENT COS INC (GVKEY 8794)

OLD:

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

ROHM AND HAAS CO (GVKEY 9217)

OLD:

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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	23990	21527	00X	LN	C
19620131	99999999	23990	21527	01	LC	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	19890614	10864	8747	01	LN	C
19890615	19891231	0	0	01	NR	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	19900131	10864	8747	01	LN	C
19900101	19900131	10864	8747	01	LD	C

TORONTO DOMINION BANK (GVKEY 15706)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19811101	19820128	0	0	00X	NU	C
19950131	19960731	0	0	01	NU	J
19960801	19960829	0	0	01	NU	P
19960830	99999999	83835	29152	01	LU	P
19820129	19960731	0	0	01C	NU	C
19960801	19960829	0	0	01C	NU	N
19960830	99999999	83835	29152	01C	LX	N
20000630	20060731	0	0	06C	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19811101	19820128	0	0	00X	NR	C
19950131	19960731	0	0	01	NR	J
19960801	19960829	0	0	01	NR	P
19960830	99999999	83835	29152	01	LC	P
19820129	19960731	0	0	01C	NR	C
19960801	19960829	0	0	01C	NR	N
19960830	99999999	83835	29152	01C	LX	N
20000630	20060731	0	0	06C	NR	N

TOWER BANCORP INC (GVKEY 19658)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19861031	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19861031	20090405	0	0	01	NR	C
20090406	99999999	92920	53142	01	LC	C

VALHI INC-OLD (GVKEY 6523)

OLD:

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	19870228	45225	21854	01	LD	P
19870311	19880531	0	0	99X	NR	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	19870228	45225	21854	01	LD	P
19870311	19880531	45225	21854	99X	LN	C

WABCO HOLDINGS INC (GVKEY 177925)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20070730	0	0	00X	NR	C
20070731	99999999	92188	52535	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20070731	0	0	00X	NR	C
20070801	99999999	92188	52535	01	LC	P

WALTER ENERGY INC (GVKEY 15274)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880601	19950730	0	0	00X	NU	C
19950731	19951009	0	0	01	NU	P
19951010	99999999	82540	14037	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880601	19950730	0	0	00X	NR	C
19950731	19951009	0	0	01	NR	P
19951010	99999999	82540	14037	01	LC	P

WIND ENERGY AMERICA INC (GVKEY 4051)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810701	19820128	30577	1364	00X	LC	C
19820129	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810701	19820128	30577	1364	00X	LN	C
19820129	19990803	30577	1364	01	LC	P
19990804	99999999	0	0	01	NR	P

CST LINK HISTORY

AGNICO EAGLE MINES LTD (GVKEY 1186)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730101	19821031	0	0	NU	XXX
19821101	99999999	78223	26174	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19730101	19821031	0	0	NR	XXX
19821101	99999999	78223	26174	LC	BBB

BROADRIDGE FINANCIAL SOLUTNS (GVKEY 176928)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030701	20070329	0	0	NR	XXX
20070330	99999999	91849	51962	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030701	20070401	0	0	NR	XXX
20070402	99999999	91849	51962	LC	BBB

BROADWIND ENERGY INC (GVKEY 179249)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060228	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060228	20090408	0	0	NR	XXX
20090409	99999999	92917	53139	LC	BBB

CINCINNATI GAS & ELECTRIC (GVKEY 3039)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19620130	22947	20449	LD	BBB
19620131	19941031	22947	20449	LC	BBB
19941101	20060331	22947	20449	LN	BBB
20060401	99999999	0	0	NR	XXX

NEW:

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

DISCOVER FINANCIAL SVCS INC (GVKEY 177376)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20041001	20070628	0	0	NR	XXX
20070629	99999999	92121	52396	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20041001	20070701	0	0	NR	XXX
20070702	99999999	92121	52396	LC	BBB

DISTRIBUCION Y SERVICIO SA (GVKEY 205677)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19971007	0	0	NR	XXX
19971008	20090227	85423	32107	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19971007	0	0	NR	XXX
19971008	20090123	85423	32107	LC	BBB
20090124	99999999	0	0	NR	XXX

ECHOSTAR CORP (GVKEY 179202)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20071230	0	0	NR	XXX
20071231	99999999	92469	52887	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20080101	0	0	NR	XXX
20080102	99999999	92469	52887	LC	BBB

EVERGREEN RESOURCES (GVKEY 20064)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880129	20040930	33647	5238	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880129	20040928	33647	5238	LC	BBB

FIRST AMERICAN CORP/CA (GVKEY 12796)

OLD:

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

NEW:

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

FIRST AMERICAN CORP/CA (GVKEY 12796)

OLD:

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

NEW:

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

FLORIDA POWER CORP (GVKEY 4799)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19640130	22496	20739	LD	BBB
19640131	19820328	22496	20739	LU	BBB
19820329	99999999	0	0	NU	XXX

NEW:

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

HILLENBRAND INC (GVKEY 179657)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021001	20080330	0	0	NR	XXX
20080331	99999999	92597	52975	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021001	20080331	0	0	NR	XXX
20080401	99999999	92597	52975	LC	BBB

INDIANAPOLIS POWER & LIGHT (GVKEY 5921)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19650101	19650128	21370	21004	LD	BBB
19650129	19831120	21370	21004	LU	BBB
19831121	20011130	0	0	NU	XXX

NEW:

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

MIW INVESTORS-WASHINGTON (GVKEY 6881)

OLD:

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

NEW:

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

ORRSTOWN FINANCIAL SVCS INC (GVKEY 111819)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970630	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970630	20090427	0	0	NR	XXX
20090428	99999999	92919	53141	LC	BBB

PETROMINERALS CORP (GVKEY 8521)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790101	19840405	0	0	NU	XXX
19840406	20020708	62405	6966	LU	BBB
20020709	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790101	19840405	0	0	NR	XXX
19840406	20020708	62405	6966	LC	BBB
20020709	99999999	0	0	NR	XXX

PETROMINERALS CORP-OLD (GVKEY 8520)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19740101	19780712	0	0	NR	XXX
19780713	19781229	62405	6966	LN	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19740101	19781229	0	0	NR	XXX

PROVIDENT COS INC (GVKEY 8794)

OLD:

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

ROHM AND HAAS CO (GVKEY 9217)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	99999999	23990	21527	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	19620130	23990	21527	LN	BBB
19620131	99999999	23990	21527	LC	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	19890614	10864	8747	LN	BBB
19890615	19891231	0	0	NR	XXX
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	19900131	10864	8747	LN	BBB
19900101	19900131	10864	8747	LD	BBB

TORONTO DOMINION BANK (GVKEY 15706)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19811101	19960829	0	0	NU	XXX
19960830	99999999	83835	29152	LU	BBB
19820129	19960731	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19811101	19960829	0	0	NR	XXX
19960830	99999999	83835	29152	LC	BBB
19820129	19960731	0	0	NR	XXX

TOWER BANCORP INC (GVKEY 19658)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19861031	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19861031	20090405	0	0	NR	XXX
20090406	99999999	92920	53142	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	0	0	NR	XXX

NEW:

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

WABCO HOLDINGS INC (GVKEY 177925)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20070730	0	0	NR	XXX
20070731	99999999	92188	52535	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20070731	0	0	NR	XXX
20070801	99999999	92188	52535	LC	BBB

WALTER ENERGY INC (GVKEY 15274)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880601	19951009	0	0	NU	XXX
19951010	99999999	82540	14037	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880601	19951009	0	0	NR	XXX
19951010	99999999	82540	14037	LC	BBB

WIND ENERGY AMERICA INC (GVKEY 4051)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810701	19820128	30577	1364	LC	BBB
19820129	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810701	19820128	30577	1364	LN	BBB
19820129	19990803	30577	1364	LC	BBB
19990804	99999999	0	0	NR	XXX