

# CRSP/COMPUSTAT MERGED DATABASE RELEASE NOTES

MARCH 2009 MONTHLY UPDATE

## ABOUT THE MARCH 2009 CRSP/COMPUSTAT MERGED DATABASE

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

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

- **CPZ200903** – the legacy CST format database
- **CMZ200903** – 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	CMZyyyyymm	CPZyyyyymm
Size	6.2 Gb	2.4 Gb
Delivery Media	DVD	CD
CRSPAccess version	3.1 and higher – ts_print ccm_print	2.95, 2.97 – ts_print cst_print
		3.1 and higher– ts_print_cst cst_print
CRSPSift Version (Windows only)	2.1 and higher – Standard, Professional, Enterprise versions	1.2, 2.0, 2.1 versions
SASECRSP Engine	Available in 2009	yes
C	Yes – CA3.1 and higher	yes
Fortran-95	Available 2009	yes
Number of Data Items	Over 4000 quarterly & annual data items	~ 1000 quarterly & annual data items

## PROGRAMMERS

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

## PARAMETERS

Legacy CPZ 200903	
Number of CRSP Securities	24009
Number of GVKEYS	33929
Number of Links	63979
Database Size	2.41 GB

NEW CMZ 200903	
Total Compustat Records	38032
Total GVKEY Companies	35834
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	42173
Total CRSP Securities Linked	24240
Total GVKEYs in Link	34907
Total Link Records	80009
Total Link Records with a Link to CRSP	28303
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	19251231-20090313	1-22074
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	19260102-20090313	1-4341

## KNOWN ISSUES FOR THIS RELEASE

In reviewing suspicious data points in the legacy CST database, CPZ200903, CRSP discovered that our calculation for 12-month moving window items that we use to translate items from the CCM Xpressfeed sources into the CST format database is flawed. There are some cases where we report a non-missing value when one of the inputs is missing. Over 170,000 data points may be affected involving the following four quarterly items and most GVKEYs:

- IQ27 – EPS (Basic) Excluding Extraordinary Items – 12 Month Moving
- IQ178 – EPS from Operations – 12 Month Moving
- IQ179 – EPS (Diluted) Excluding Extraordinary Items – 12 Month Moving
- IQ180 – EPS from Operations (Diluted) – 12 Month Moving

Most changes in values are negligible, but many could result in interpreting a value as an actual amount instead of as a marker for a missing value. Values for these items will be corrected in our next shipment at the end of April.

These items do not have one-to-one equivalents in the Xpressfeed database, but most closely align with the following quarterly and year-to-date items. FQTR is used for all to determine the fiscal quarter number, and AJEXQ is used to adjust input quarters to the same basis.

LEGACY CPZ200903 DATABASE ITEM	CMZ200903 DATABASE ITEMS
IQ27 – EPS (Basic) Excluding Extraordinary Items – 12 Month Moving	EPSPXQ , EPSPX Y
IQ178 – EPS from Operations – 12 Month Moving	OPEPSQ , OPEPS Y
IQ179 – EPS (Diluted) Excluding Extraordinary Items – 12 Month Moving	EPSFXQ , EPSFX Y
IQ180 – EPS from Operations (Diluted) – 12 Month Moving	OEPSXQ , OEPSX Y

## NEW ITEMS IN CCM

1. MZN was added as a new Currency Code for the Mozambique metical.
2. The following items are a combination of new data items, data code items and new keysets for existing items added this month. The new items reflect Compustat's addition of industry-specific data, many of which are for Gaming and Lodging securities. 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
ANO	Assets/Netting & Other Adjustments	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
AOCIDERGL_DC	Accum Other Comp Inc – Derivative Unrealized Gain/Loss	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
AOL2	Assets/Level 2 (Observable)	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
AQPL1	Assets/Level1 (Quoted Prices)	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
AUL3	Assets/Level 3 (Unobservable)	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
CIDERGL_DC	Comp Inc – Derivative Gain/Loss – Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
GMEXP	Casino & Gaming Expenses	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMEXP_DC	Casino & Gaming Expenses – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMEXPQ	Casino & Gaming Expenses Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMEXPQ_DC	Casino & Gaming Expenses Quarterly – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMEXPY	Casino & Gaming Expenses Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMEXPY_DC	Casino & Gaming Expenses Year-to-Date – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBEXP	Gaming Food & Beverage Expenses	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBEXP_DC	Gaming Food & Beverage Expenses – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBEXPQ	Gaming Food & Beverage Expenses Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBEXPQ_DC	Gaming Food & Beverage Expenses Quarterly – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBEXPY	Gaming Food & Beverage Expenses Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBEXPY_DC	Gaming Food & Beverage Expenses Year-to-Date – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBPC	Gaming Food & Beverage Promo Costs	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBPC_DC	Gaming Food & Beverage Promo Costs – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBREV	Gaming Food & Beverage Revenues	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBREV_DC	Gaming Food & Beverage Revenues – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBREVQ	Gaming Food & Beverage Revenues Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBREVQ_DC	Gaming Food & Beverage Revenues Quarterly – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBREVV	Gaming Food & Beverage Revenues Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMFBREVV_DC	Gaming Food & Beverage Revenues Year-to-Date – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMOTHEXP	Gaming – Other Direct Gaming-Related Expenses	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMOTHEXPQ	Gaming – Other Direct Gaming-Related Expenses Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMOTHEXPY	Gaming – Other Direct Gaming-Related Expenses Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMOTHPC	Gaming – Other Promotional Costs	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMOTHREV	Gaming – Other Gaming-Related Revenues	1, STD, Industrial Format, Consolidated Information, Standard Presentation

NEW ITEM MNEMONIC	NEW ITEM NAME	KEYSET, TAG, DESCRIPTION
GMOTHREVQ	Gaming – Other Gaming-Related Revenues Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMOTHREVY	Gaming – Other Gaming-Related Revenues Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMPROM	Gaming – Promotional Allowances	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMPROM_FN	Gaming – Promotional Allowances - Footnote	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMPROMQ	Gaming – Promotional Allowances Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMPROMY	Gaming – Promotional Allowances Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMREV	Casino & Gaming Revenues	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMREV_DC	Casino & Gaming Revenues – Data code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMREVQ	Casino & Gaming Revenues Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMREVQ_DC	Casino & Gaming Revenues Quarterly – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMREVV	Casino & Gaming Revenues Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMREVV_DC	Casino & Gaming Revenues Year-to-Date – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMEXP	Gaming – Room Expenses	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMEXP_DC	Gaming – Room Expenses – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMEXPQ	Gaming – Room Expenses Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMEXPQ_DC	Gaming – Room Expenses Quarterly – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMEXPY	Gaming – Room Expenses Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMEXPY_DC	Gaming – Room Expenses Year-to-Date – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMPC	Gaming – Rooms Promotional Costs	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMPC_DC	Gaming – Rooms Promotional Costs – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMREV	Gaming Room Revenues	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMREV_DC	Gaming Room Revenues – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMREVQ	Gaming Room Revenues Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMREVQ_DC	Gaming Room Revenues Quarterly – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMREVV	Gaming Room Revenues Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMRMREVV_DC	Gaming Room Revenues Year-to-Date – Data Code	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMROOMS	Gaming – Guestrooms & suites	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMSLOTS	Gaming – Slot Machines	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMSQF	Gaming – Casino Square Footage	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMTABLES	Gaming Tables	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMTOTPC	Gaming – Total Promotional Costs	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMTOTREV	Total Gaming & Related Revenues	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMTOTREVQ	Total Gaming & Related Revenues Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
GMTOTREVV	Total Gaming & Related Revenues Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
HEDGEGLQ_FN	Gain/Loss on Ineffective Hedges Quarterly - Footnote	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
HEDGEGL_FN	Gain/Loss on Ineffective Hedges - Footnote	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
LGADR	Lodging – Average Daily Rate	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGADRQ	Lodging – Average Daily Rate Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGADRY	Lodging – Average Daily Rate Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGPROP	Hotel/Motel Properties	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGPROPQ	Hotel/Motel Properties Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGPROPY	Hotel/Motel Properties Year-to-Date	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGREVPAR	Lodging – Revenue Per Available Room	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGREVPAR_FN	Lodging – Revenue Per Available Room - Footnote	1, STD, Industrial Format, Consolidated Information, Standard Presentation
LGREVPAR_FN	Lodging – Revenue Per Available Room Footnote	5, PFO, Industrial Format, Pro-Forma Reporting, Standard Presentation
LGREVPARQ	Lodging – Revenue Per Available Room Quarterly	1, STD, Industrial Format, Consolidated Information, Standard Presentation

NEW ITEM MNEMONIC	NEW ITEM NAME	KEYSET, TAG, DESCRIPTION
LGREVPARQ_FN	Lodging – Revenue Per Available Room Quarterly - Footnote	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGREVPARQ_FN	Lodging – Revenue Per Available Room Quarterly - Footnote	5, PFO, Industrial Format, Pro-Forma Reporting, Standard Presentation
LGREVPARY	Lodging – Revenue Per Available Room Year-to-Date	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGREVPARY_FN	Lodging – Revenue Per Available Room Year-to-Date Footnote	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGREVPARY_FN	Lodging – Revenue Per Available Room Year-to-Date Footnote	5, PFO, Industrial Format, Pro-Forma Reporting, Standard Presentation
LGROOMS	Hotel/Motel Rooms	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGROOMSQ	Hotel/Motel Rooms Quarterly	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGROOMSY	Hotel/Motel Rooms Year-to-Date	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGROR	Lodging – Room Occupancy Rate	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGRORQ	Lodging – Room Occupancy Rate Quarterly	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LGRORY	Lodging – Room Occupancy Rate Year-to-Date	1,STD, Industrial Format, Consolidated Information, Standard Presentation
LNO	Liabilities Netting & Other Adjustments	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
LOL2	Liabilities Level 2 (Observable)	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
LQPL1	Liabilities Level 1 (Quoted Prices)	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
LUL3	Liabilities Level 3 (Unobservable)	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
OPTFVGR_FN	Options – Fair Value of Options Granted	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
SCBKTOBL	Semiconductor Book-to-Bill Ratio	1,STD, Industrial Format, Consolidated Information, Standard Presentation
SCBKTOBLQ	Semiconductor Book-to-Bill Ratio Quarterly	1,STD, Industrial Format, Consolidated Information, Standard Presentation
SCBKTOBLY	Semiconductor - Book-to-Bill Ratio Year-to-Date	1,STD, Industrial Format, Consolidated Information, Standard Presentation
SCBOOK	Semiconductor - Bookings	1,STD, Industrial Format, Consolidated Information, Standard Presentation
SCBOOKQ	Semiconductor – Bookings Quarterly	1,STD, Industrial Format, Consolidated Information, Standard Presentation
SCBOOKY	Semiconductor – Bookings Year-to-Date	1,STD, Industrial Format, Consolidated Information, Standard Presentation
SPID_DC	Other Special Items Diluted EPS Effect – Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
SPIEPS_DC	Other Special Items Basic EPS Effect – Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
TFVA	Total Fair Value Assets	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
TFVCE	Total Fair Value Charges including Earnings	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
TFVL	Total Fair Value Liabilities	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
WDA_DC	Writedowns After-tax – Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
WDD_DC	Writedowns Diluted EPS Effect - Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
WDEPS_DC	Writedowns Basic EPS Effect – Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation
WDP_DC	Writedowns Pretax – Data Code	7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation

## 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.

### MARCH 2009 CCM LINK HISTORY

#### **ABBOTT LABORATORIES (GVKEY 1078)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	20482	20017	00X	LU	C
19620131	99999999	20482	20017	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	20482	20017	00X	LC	C
19620131	99999999	20482	20017	01	LC	P

#### **ABEX CORP (GVKEY 1057)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19670130	10030	22160	00X	LC	C
19670131	19671229	10030	22160	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640101	19670130	10030	22160	00X	LC	C
19670131	19671229	10030	22160	01	LC	P

#### **ACUSPHERE INC (GVKEY 145160)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20031007	0	0	00X	NU	C
20031008	99999999	89859	44490	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20031007	0	0	00X	NR	C
20031008	20090108	89859	44490	01	LC	P
20090109	99999999	0	0	01	NR	P

**ADVANCED MEDICAL OPTICS INC (GVKEY 148870)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20020627	0	0	00X	NR	C
20020628	20020630	0	0	01	NU	P
20020701	99999999	89426	43263	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20020627	0	0	00X	NR	C
20020628	20020630	0	0	01	NR	P
20020701	20090226	89426	43263	01	LC	P

**ALESCO FINANCIAL INC (GVKEY 175674)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20061030	0	0	00X	NU	C
20061031	99999999	90077	44990	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20061008	0	0	00X	NR	C
20061009	99999999	90077	44990	01	LC	P

**AMEN PROPERTIES INC (GVKEY 65464)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970923	0	0	00X	NU	C
19970924	99999999	85354	15709	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970923	0	0	00X	NR	C
19970924	99999999	85354	15709	01	LC	P

**AMERICAN APPAREL INC (GVKEY 179110)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20071230	0	0	00X	NU	C
20071231	99999999	91136	50020	01	LC	P
20071231	20080331	0	0	03	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20071212	0	0	00X	NR	C
20071213	99999999	91136	50020	01	LC	P
20071231	20080331	0	0	03	NR	J

**AMERICAN LAND LEASE INC (GVKEY 13776)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19861218	0	0	00X	NU	C
19861219	99999999	70818	21131	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19861218	0	0	00X	NR	C
19861219	20090217	70818	21131	01	LC	P
20090218	99999999	0	0	01	NR	P

**BEAR STEARNS COMPANIES INC (GVKEY 11818)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840501	19851028	0	0	00X	NR	C
19851029	20080530	68304	20282	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840501	19851028	0	0	00X	NR	C
19851029	20080530	68304	20282	01	LC	P
20080531	20080630	0	0	99X	NR	C



**BPO MANAGEMENT SERVICES/PA (GVKEY 19557)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850812	19890126	91265	7685	01	LC	C
19890127	19900508	0	0	01	NR	C
19900509	19980614	91265	7685	01	LC	C
19980615	19981103	0	0	01	NR	C
19981104	99999999	91265	7685	01	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850830	19890126	91265	7685	01	LC	C
19890127	19900508	0	0	01	NR	C
19900509	19980614	91265	7685	01	LC	C
19980615	19981103	0	0	01	NR	C
19981104	20090212	91265	7685	01	LC	C
20090213	99999999	0	0	01	NR	C

**CARDIOVASCULAR SYSTEMS-REDH (GVKEY 179413)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050701	20070928	0	0	00X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030701	20060627	0	0	00X	NR	C
20060628	20090225	0	0	00X	NR	C
20090226	99999999	91365	50869	01	LC	P

**CHUNGHWA TELECOM LTD (GVKEY 241159)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20010101	20030717	0	0	00X	NU	C
20030718	99999999	89778	44180	90	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20010101	20030717	0	0	00X	NR	C
20030718	99999999	89778	44180	90	LC	P

**CYCLACEL PHARMACEUTICALS (GVKEY 160809)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20060330	0	0	00X	NU	C
20060331	99999999	90098	45005	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030101	20060327	0	0	00X	NR	C
20060328	99999999	90098	45005	01	LC	P
20060331	99999999	0	0	02	NR	J

**DATASCOPE CORP (GVKEY 3786)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19710701	19720427	0	0	00X	NU	C
19720428	19721213	0	0	01	NU	P
19721214	20090131	28840	1393	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19710701	19720427	0	0	00X	NR	C
19720428	19721213	0	0	01	NR	P
19721214	20090130	28840	1393	01	LC	P

**ESMARK INC (GVKEY 178971)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20071129	0	0	00X	NU	C
20071130	99999999	89874	21915	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20071127	0	0	00X	NR	C
20071128	20080804	89874	21915	01	LC	P

**EXX INC -CL A (GVKEY 9319)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19680101	19721213	0	0	00X	NR	C
19721214	19820128	60708	4069	00X	LN	C
19820129	19941021	60708	4069	01	LC	J
19941031	19941107	0	0	02	NR	J
19941108	20081224	81029	30485	02	LC	J
20081225	99999999	0	0	02	NR	J
19680131	19941107	0	0	03	NR	C
19941108	20081224	81028	30485	03	LC	C
20081225	99999999	0	0	03	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19680101	19680130	0	0	00X	NR	C
19820129	19941021	60708	4069	01	LC	J
19941031	19941107	0	0	02	NR	J
19941108	20081224	81029	30485	02	LC	J
20081225	99999999	0	0	02	NR	J
19680131	19941107	0	0	03	NR	C
19941108	20081224	81028	30485	03	LC	C
20081225	99999999	0	0	03	NR	C

**FLEETWOOD ENTERPRISES (GVKEY 4768)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640501	19650330	0	0	00X	NU	C
19650331	19680526	0	0	01	NU	P
19680527	99999999	46295	20735	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19640501	19650330	0	0	00X	NR	C
19650331	19680526	0	0	01	NR	P
19680527	20090102	46295	20735	01	LC	P
20090103	99999999	0	0	01	NR	P

**GLG PARTNERS INC (GVKEY 178779)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20071129	0	0	00X	NU	C
20071130	99999999	91690	51533	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20071104	0	0	00X	NR	C
20071105	99999999	91690	51533	01	LC	P

**GREAT BASIN GOLD LTD (GVKEY 23504)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860501	19900730	0	0	00X	NU	C
19901214	99999999	78741	29195	01	LU	P
19900731	19901213	0	0	01C	NU	C
19901214	99999999	78741	29195	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860501	19900730	0	0	00X	NR	C
19901214	19990209	78741	29195	01	LC	P
19990210	20030713	0	0	01	NR	P
20030714	99999999	78741	29195	01	LC	P
19900731	19901213	0	0	01C	NR	C
19901214	19990209	78741	29195	01C	LX	N
19990210	20030713	0	0	01C	NR	N
20030714	99999999	78741	29195	01C	LX	N

**INTERSTATE HOTELS & RESORTS (GVKEY 113439)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980802	0	0	00X	NU	C
19980803	99999999	86226	34835	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980802	0	0	00X	NR	C
19980803	99999999	86226	34835	01	LC	P

**JOURNAL REGISTER CO (GVKEY 64739)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19970507	0	0	00X	NU	C
19970508	99999999	84779	31978	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19970507	0	0	00X	NR	C
19970508	20080415	84779	31978	01	LC	P
20080416	99999999	0	0	01	NR	P

**LEVON RESOURCES LTD (GVKEY 12705)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850401	19850825	0	0	00X	NU	C
19850826	19920710	78573	26194	01	LU	C
19920711	99999999	0	0	01	NU	C
19870130	19920710	78573	26194	01C	LX	N
19920711	99999999	0	0	01C	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850401	19850825	0	0	00X	NR	C
19850826	19920710	78573	26194	01	LC	C
19920711	20090130	0	0	01	NR	C
19870130	19920710	78573	26194	01C	LX	N
19920711	20090131	0	0	01C	NR	N
20090201	99999999	0	0	01C	NR	C

**LOUD TECHNOLOGIES INC (GVKEY 61212)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19950817	0	0	00X	NR	C
19950818	99999999	82191	13948	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19950817	0	0	00X	NR	C
19950818	20030206	82191	13948	01	LC	P
20030207	20060228	0	0	01	NR	P
20060301	99999999	82191	13948	01	LC	P

**MDI INC (GVKEY 10827)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810401	19810816	0	0	00X	NU	C
19810817	99999999	77893	4663	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810401	19810816	0	0	00X	NR	C
19810817	19841016	77893	4663	01	LC	C
19841017	19881120	0	0	01	NR	C
19881121	99999999	77893	4663	01	LC	C

**METRO ONE TELECOMM INC (GVKEY 63525)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960822	0	0	00X	NU	C
19960823	99999999	83884	14926	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960822	0	0	00X	NR	C
19960823	20080918	83884	14926	01	LC	P
20080919	99999999	0	0	01	NR	P

**MICROMET INC (GVKEY 174160)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20060530	0	0	00X	NU	C
20060531	99999999	89863	44494	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20060507	0	0	00X	NR	C
20060508	99999999	89863	44494	01	LC	P

**MILACRON INC (GVKEY 3041)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	22680	20450	00X	LU	C
19620131	99999999	22680	20450	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	22680	20450	00X	LC	C
19620131	20080523	22680	20450	01	LC	P
20080524	99999999	0	0	01	NR	P

**ORCHARD ENTERPRISES INC (GVKEY 178892)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20071129	0	0	00X	NU	C
20071130	99999999	91091	50294	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20071113	0	0	00X	NR	C
20071114	99999999	91091	50294	01	LC	P

**OVABLOC INC (GVKEY 12767)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19860616	0	0	00X	NU	C
19860617	19880831	10378	8296	01	LU	C
19880901	19890929	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19860616	0	0	00X	NR	C
19860617	19871201	10378	8296	01	LC	C
19871202	19880404	0	0	01	NR	C
19880405	19880818	10378	8296	01	LC	C
19880819	99999999	0	0	01	NR	C

**PENGROWTH ENERGY TRUST (GVKEY 20683)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020410	20040727	89381	43027	01	LC	P
20040728	20060630	90271	43027	01	LC	P
20060701	20060731	90271	43027	01	LC	J
19890428	20020331	0	0	01C	NR	C
20020401	20040727	0	0	01C	NR	N
20040728	20060630	90271	43027	01C	LX	N
20060701	20060731	90271	43027	01C	LX	J
19980430	19981030	0	0	02C	NR	J
20060731	99999999	90271	43027	04	LC	P
20040728	20060630	90271	43027	04C	LX	J
20060701	20060730	90271	43027	04C	LX	C
20060731	99999999	90271	43027	04C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020410	20040727	89381	43027	01	LC	P
20040728	20060630	90271	43027	01	LC	P
20060701	20060726	90271	43027	01	LC	J
19890428	20020331	0	0	01C	NR	C
20020401	20060630	0	0	01C	NR	N
20060701	20060726	0	0	01C	NR	J
19980430	19981030	0	0	02C	NR	J
20060727	99999999	90271	43027	04	LC	P
20040730	20060630	0	0	04C	NR	J
20060701	20060726	0	0	04C	NR	C
20060727	99999999	90271	43027	04C	LX	N

**PUGET ENERGY INC (GVKEY 8818)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	0	0	00X	NU	C
19620131	99999999	25443	21461	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19550206	0	0	00X	NR	C
19550207	19620130	25443	21461	00X	LC	C
19620131	20090206	25443	21461	01	LC	P

**READERS DIGEST ASSN (GVKEY 20783)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880701	19900214	0	0	00X	NR	C
19900215	20070330	76085	26027	01	LC	P
19920306	20021231	77454	26027	02	LU	J
20070331	20070430	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880701	19900214	0	0	00X	NR	C
19900215	20070330	76085	26027	01	LC	P
19920306	20021231	77454	26027	02	LC	J
20070331	99999999	0	0	99X	NR	C



**REPUBLIC PICTURES (GVKEY 12145)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19831001	19850829	0	0	00X	NU	C
19850830	19930630	91425	7717	01	LU	P
19930701	19930730	91425	7717	01	LU	J
19850830	19930730	91433	7717	02	LU	N
19930730	19940429	91425	7717	03	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19831001	19850829	0	0	00X	NR	C
19850830	19930630	91425	7717	01	LC	P
19930701	19930727	91425	7717	01	LC	J
19850830	19930730	91433	7717	02	LC	N
19930728	19940426	91425	7717	03	LC	P

**ROYAL BANK OF CANADA (GVKEY 15633)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940131	19951015	0	0	01	NU	P
19951016	99999999	82654	29151	01	LU	P
19810130	19940130	0	0	01C	NU	C
19940131	19951015	0	0	01C	NU	N
19951016	99999999	82654	29151	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940131	19951015	0	0	01	NR	P
19951016	99999999	82654	29151	01	LC	P
19810130	19940130	0	0	01C	NR	C
19940131	19951015	0	0	01C	NR	N
19951016	99999999	82654	29151	01C	LX	N

**SEVEN ARTS PICTURES PLC (GVKEY 251658)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080331	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070701	20080330	0	0	00X	NR	C
20080331	20090212	0	0	01	NR	P
20090213	99999999	92895	53125	01	LC	P

**SILVERCORP METALS INC (GVKEY 108326)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081231	20081231	0	0	01	NR	P
19980430	20081230	0	0	01C	NR	C
20081231	99999999	0	0	01C	NR	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081231	20090217	0	0	01	NR	P
20090218	99999999	92893	53123	01	LC	P
19980430	20081230	0	0	01C	NR	C
20081231	20090217	0	0	01C	NR	N
20090218	99999999	92893	53123	01C	LX	N

**SYNTAX-BRILLIAN CORP (GVKEY 165656)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020701	20051229	0	0	00X	NU	C
20051230	99999999	89831	44378	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020701	20051130	0	0	00X	NR	C
20051201	20080721	89831	44378	01	LC	P

**TIME WARNER CABLE INC (GVKEY 176404)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20070130	0	0	00X	NR	C
20070131	20070228	0	0	01	NU	P
20070301	99999999	91883	51978	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20070130	0	0	00X	NR	C
20070131	20070228	0	0	01	NR	P
20070301	99999999	91883	51978	01	LC	P

**WEBMEDIABRANDS INC (GVKEY 121717)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	19990624	0	0	00X	NU	C
19990625	99999999	86977	16613	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	19990624	0	0	00X	NR	C
19990625	99999999	86977	16613	01	LC	P

**WILLBROS GROUP INC (GVKEY 63495)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960814	0	0	00X	NU	C
19960815	99999999	83834	31723	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960814	0	0	00X	NR	C
19960815	99999999	83834	31723	01	LC	P

**WINN ENTERPRISES (GVKEY 11536)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19801001	19830830	0	0	00X	NU	C
19830831	19861031	93172	699	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19801001	19830811	0	0	00X	NR	C
19830812	19861014	93172	699	01	LC	P

**YOUNG BROADCASTING -CL A (GVKEY 30950)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19941107	0	0	00X	NU	C
19941108	99999999	81119	13416	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19941107	0	0	00X	NR	C
19941108	20090126	81119	13416	01	LC	P
20090127	99999999	0	0	01	NR	P

## CST LINK HISTORY

### ABBOTT LABORATORIES (GVKEY 1078)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	99999999	20482	20017	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	99999999	20482	20017	LC	BBB

### ABEX CORP (GVKEY 1057)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19670130	10030	22160	LC	BBB
19670131	19671229	10030	22160	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640101	19671229	10030	22160	LC	BBB

### ACUSPHERE INC (GVKEY 145160)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20031007	0	0	NU	XXX
20031008	99999999	89859	44490	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20031007	0	0	NR	XXX
20031008	20090108	89859	44490	LC	BBB
20090109	99999999	0	0	NR	XXX

### ADVANCED MEDICAL OPTICS INC (GVKEY 148870)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20020627	0	0	NR	XXX
20020628	20020630	0	0	NU	XXX
20020701	99999999	89426	43263	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20020630	0	0	NR	XXX
20020701	20090226	89426	43263	LC	BBB

**ALESCO FINANCIAL INC (GVKEY 175674)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20061030	0	0	NU	XXX
20061031	99999999	90077	44990	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20061008	0	0	NR	XXX
20061009	99999999	90077	44990	LC	BBB

**AMEN PROPERTIES INC (GVKEY 65464)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970923	0	0	NU	XXX
19970924	99999999	85354	15709	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970923	0	0	NR	XXX
19970924	99999999	85354	15709	LC	BBB

**AMERICAN APPAREL INC (GVKEY 179110)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20071230	0	0	NU	XXX
20071231	99999999	91136	50020	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20071212	0	0	NR	XXX
20071213	99999999	91136	50020	LC	BBB

**AMERICAN LAND LEASE INC (GVKEY 13776)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19861218	0	0	NU	XXX
19861219	99999999	70818	21131	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19861218	0	0	NR	XXX
19861219	20090217	70818	21131	LC	BBB
20090218	99999999	0	0	NR	XXX

**BEAR STEARNS COMPANIES INC (GVKEY 11818)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840501	19851028	0	0	NR	XXX
19851029	20080530	68304	20282	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840501	19851028	0	0	NR	XXX
19851029	20080530	68304	20282	LC	BBB
20080531	20080630	0	0	NR	XXX

**BPO MANAGEMENT SERVICES/PA (GVKEY 19557)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850812	19890126	91265	7685	LC	BBB
19890127	19900508	0	0	NR	XXX
19900509	19980614	91265	7685	LC	BBB
19980615	19981103	0	0	NR	XXX
19981104	99999999	91265	7685	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850830	19890126	91265	7685	LC	BBB
19890127	19900508	0	0	NR	XXX
19900509	19980614	91265	7685	LC	BBB
19980615	19981103	0	0	NR	XXX
19981104	20090212	91265	7685	LC	BBB
20090213	99999999	0	0	NR	XXX

**CARDIOVASCULAR SYSTEMS-REDH (GVKEY 179413)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050701	20070928	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030701	20090225	0	0	NR	XXX
20090226	99999999	91365	50869	LC	BBB

**CHUNGHWA TELECOM LTD (GVKEY 241159)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20010101	20030717	0	0	NU	XXX
20030718	99999999	89778	44180	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20010101	20030717	0	0	NR	XXX
20030718	99999999	89778	44180	LC	BBB

**CYCLACEL PHARMACEUTICALS (GVKEY 160809)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20060330	0	0	NU	XXX
20060331	99999999	90098	45005	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030101	20060327	0	0	NR	XXX
20060328	99999999	90098	45005	LC	BBB

**DATASCOPE CORP (GVKEY 3786)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19710701	19721213	0	0	NU	XXX
19721214	20090131	28840	1393	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19710701	19721213	0	0	NR	XXX
19721214	20090130	28840	1393	LC	BBB

**ESMARK INC (GVKEY 178971)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20071129	0	0	NU	XXX
20071130	99999999	89874	21915	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20071127	0	0	NR	XXX
20071128	20080804	89874	21915	LC	BBB

**EXX INC -CL A (GVKEY 9319)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19680101	19721213	0	0	NR	XXX
19721214	19820128	60708	4069	LN	BBB
19680131	19941107	0	0	NR	XXX
19941108	20081224	81028	30485	LC	BBB
20081225	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19680101	19941107	0	0	NR	XXX
19941108	20081224	81028	30485	LC	BBB
20081225	99999999	0	0	NR	XXX

**FLEETWOOD ENTERPRISES (GVKEY 4768)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640501	19680526	0	0	NU	XXX
19680527	99999999	46295	20735	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19640501	19680526	0	0	NR	XXX
19680527	20090102	46295	20735	LC	BBB
20090103	99999999	0	0	NR	XXX

**GLG PARTNERS INC (GVKEY 178779)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20071129	0	0	NU	XXX
20071130	99999999	91690	51533	LC	BBB



NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20071104	0	0	NR	XXX
20071105	99999999	91690	51533	LC	BBB

**GREAT BASIN GOLD LTD (GVKEY 23504)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860501	19900730	0	0	NU	XXX
19901214	99999999	78741	29195	LU	BBB
19900731	19901213	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860501	19900730	0	0	NR	XXX
19901214	19990209	78741	29195	LC	BBB
19990210	20030713	0	0	NR	XXX
20030714	99999999	78741	29195	LC	BBB
19900731	19901213	0	0	NR	XXX

**INTERSTATE HOTELS & RESORTS (GVKEY 113439)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19980802	0	0	NU	XXX
19980803	99999999	86226	34835	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19980802	0	0	NR	XXX
19980803	99999999	86226	34835	LC	BBB

**JOURNAL REGISTER CO (GVKEY 64739)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19970507	0	0	NU	XXX
19970508	99999999	84779	31978	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19970507	0	0	NR	XXX
19970508	20080415	84779	31978	LC	BBB
20080416	99999999	0	0	NR	XXX

**LEVON RESOURCES LTD (GVKEY 12705)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850401	19850825	0	0	NU	XXX
19850826	19920710	78573	26194	LU	BBB
19920711	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850401	19850825	0	0	NR	XXX
19850826	19920710	78573	26194	LC	BBB
19920711	99999999	0	0	NR	XXX

**LOUD TECHNOLOGIES INC (GVKEY 61212)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19950817	0	0	NR	XXX
19950818	99999999	82191	13948	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19950817	0	0	NR	XXX
19950818	20030206	82191	13948	LC	BBB
20030207	20060228	0	0	NR	XXX
20060301	99999999	82191	13948	LC	BBB

**MDI INC (GVKEY 10827)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810401	19810816	0	0	NU	XXX
19810817	99999999	77893	4663	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810401	19810816	0	0	NR	XXX
19810817	19841016	77893	4663	LC	BBB
19841017	19881120	0	0	NR	XXX
19881121	99999999	77893	4663	LC	BBB

**METRO ONE TELECOMM INC (GVKEY 63525)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19960822	0	0	NU	XXX
19960823	99999999	83884	14926	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19960822	0	0	NR	XXX
19960823	20080918	83884	14926	LC	BBB
20080919	99999999	0	0	NR	XXX

**MICROMET INC (GVKEY 174160)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20060530	0	0	NU	XXX
20060531	99999999	89863	44494	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20060507	0	0	NR	XXX
20060508	99999999	89863	44494	LC	BBB

**MILACRON INC (GVKEY 3041)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	99999999	22680	20450	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	20080523	22680	20450	LC	BBB
20080524	99999999	0	0	NR	XXX

**ORCHARD ENTERPRISES INC (GVKEY 178892)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20071129	0	0	NU	XXX
20071130	99999999	91091	50294	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20071113	0	0	NR	XXX
20071114	99999999	91091	50294	LC	BBB

**OVABLOC INC (GVKEY 12767)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810101	19860616	0	0	NU	XXX
19860617	19880831	10378	8296	LU	BBB
19880901	19890929	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810101	19860616	0	0	NR	XXX
19860617	19871201	10378	8296	LC	BBB
19871202	19880404	0	0	NR	XXX
19880405	19880818	10378	8296	LC	BBB
19880819	99999999	0	0	NR	XXX

**PENGROWTH ENERGY TRUST (GVKEY 20683)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020410	20040727	89381	43027	LC	BBB
20040728	20060630	90271	43027	LC	BBB
19890428	20020331	0	0	NR	XXX
20060731	99999999	90271	43027	LC	BBB
20060701	20060730	90271	43027	LX	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020410	20040727	89381	43027	LC	BBB
20040728	20060630	90271	43027	LC	BBB
19890428	20020331	0	0	NR	XXX
20060727	99999999	90271	43027	LC	BBB
20060701	20060726	0	0	NR	XXX

**PUGET ENERGY INC (GVKEY 8818)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19620130	0	0	NU	XXX
19620131	99999999	25443	21461	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	19550206	0	0	NR	XXX
19550207	20090206	25443	21461	LC	BBB

**READERS DIGEST ASSN (GVKEY 20783)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880701	19900214	0	0	NR	XXX
19900215	20070330	76085	26027	LC	BBB
20070331	20070430	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19880701	19900214	0	0	NR	XXX
19900215	20070330	76085	26027	LC	BBB
20070331	99999999	0	0	NR	XXX

**REPUBLIC PICTURES (GVKEY 12145)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19831001	19850829	0	0	NU	XXX
19850830	19940429	91425	7717	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19831001	19850829	0	0	NR	XXX
19850830	19940426	91425	7717	LC	BBB

**ROYAL BANK OF CANADA (GVKEY 15633)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940131	19951015	0	0	NU	XXX
19951016	99999999	82654	29151	LU	BBB
19810130	19940130	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940131	19951015	0	0	NR	XXX
19951016	99999999	82654	29151	LC	BBB
19810130	19940130	0	0	NR	XXX

**SEVEN ARTS PICTURES PLC (GVKEY 251658)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080331	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070701	20090212	0	0	NR	XXX
20090213	99999999	92895	53125	LC	BBB

**SILVERCORP METALS INC (GVKEY 108326)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20081231	20081230	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20081231	20090217	0	0	NR	XXX
20090218	99999999	92893	53123	LC	BBB
19980430	20081230	0	0	NR	XXX

**SYNTAX-BRILLIAN CORP (GVKEY 165656)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020701	20051229	0	0	NU	XXX
20051230	99999999	89831	44378	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020701	20051130	0	0	NR	XXX
20051201	20080721	89831	44378	LC	BBB

**TIME WARNER CABLE INC (GVKEY 176404)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20070130	0	0	NR	XXX
20070131	20070228	0	0	NU	XXX
20070301	99999999	91883	51978	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20070228	0	0	NR	XXX
20070301	99999999	91883	51978	LC	BBB

**WEBMEDIABRANDS INC (GVKEY 121717)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	19990624	0	0	NU	XXX
19990625	99999999	86977	16613	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	19990624	0	0	NR	XXX
19990625	99999999	86977	16613	LC	BBB

**WILLBROS GROUP INC (GVKEY 63495)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19960814	0	0	NU	XXX
19960815	99999999	83834	31723	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19960814	0	0	NR	XXX
19960815	99999999	83834	31723	LC	BBB

**WINN ENTERPRISES (GVKEY 11536)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19801001	19830830	0	0	NU	XXX
19830831	19861031	93172	699	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19801001	19830811	0	0	NR	XXX
19830812	19861014	93172	699	LC	BBB

**YOUNG BROADCASTING -CL A (GVKEY 30950)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19941107	0	0	NU	XXX
19941108	99999999	81119	13416	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19941107	0	0	NR	XXX
19941108	20090126	81119	13416	LC	BBB
20090127	99999999	0	0	NR	XXX