

The last 12 months of data edits are consolidated at the end of this document.

### ABOUT THE JULY 2014 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is July 13, 2014. This shipment includes the following version of the CRSP/Compustat Merged Database:

- CMZ20140711 – the CCM format database using Compustat’s Xpressfeed delivery.

### DATABASE CHARACTERISTICS

The following table summarizes general characteristics of the CCM database.

Attribute	CCM Format Database (new)
<b>Source</b>	<b>Compustat Xpressfeed</b>
Volume Label	CMZyyyyymm
Size	9.17 GB
Delivery Media	DVD
CRSPAccess version	3.1 and higher – ts_print ccm_print
CRSPSift Version (Windows only)	Yes – all currently supported versions.
SASEXCCM Engine	Version 9.3 (Early Adopters)
C	Yes – CA3.1 and higher
Fortran-95	Yes – CA3.1 and higher
Number of Data Items	Over 4000 quarterly & annual data items

### PROGRAMMERS

C-programming is supported with all CRSPAccess versions. New C sample programs are included beginning with the CRSPAccess 3.22 release for use with the Xpressfeed data.

FORTRAN-95 is supported in CRSPAccess release 3.22. Information about usage are available in the CRSPAccess Utilities and Program Libraries Release Notes and the

Programming Guide, which can be accessed online at: <http://www.crsp.ChicagoBooth.edu/documentation>.

A new SAS Engine that supports the CCM data was released to early adopters in SAS Version 9.3. Since their first maintenance release of SAS version 9.40, the SASEXCCM engine is in full production. The most current ETS release in the field, ETS 13.1 is needed to use the engine. Note that the original SASECRSP engine is still in the field but does not have support for the CCM database.

### PARAMETERS

CMZ 20140711	
Total Compustat Records	44560
Total GVKEY Companies	42362
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	53532
Total CRSP Securities Linked	26737
Total GVKEYs in Link	40862
Total Link Records	93785
Total Link Records with a Link to CRSP	31068
Database Size	9.17 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	19251231-20140711	1-23415
Monthly trading calendar	19251231-20181231	1-1117
Annual trading calendar	19251231-20151231	1-91
Quarterly trading calendar	19251231-20151231	1-361
Semi-Annual trading calendar	19251231-20151231	1-181
Weekly trading calendar	19260102-20140711	1-4619

## STEPS TO INSTALL:

- From the directory containing your downloaded zip file, right click (in Windows) or run File Roller (in Red Hat and Solaris)
- Set the extract destination to the current higher level directory where data is normally stored and unzip will add the rest of the path (default is C:\ in Windows or /home in Red Hat and Solaris)
- For example, in Windows, extracting to C:\ will install the data under C:\crspdata

Contact CRSP Client Services for assistance at: support@crsp.chicagobooth.edu or call 312-263-6400, Option 2.

## SETTING ENVIRONMENT VARIABLES

The zip process will not automatically set environment variables for use with command line tools. The following steps will do so. Note: CRSPSift does not use and therefore does not require environment variables.

### LINUX AND SUN SOLARIS

NOTE: The new zip installs are now saving to directories with lower case letters - for example, ~/crspdata/diz201308

Check the current state of the environment variables by entering this command: `env | grep crsp`

- If you have admin privileges on your machine, open the .profile file, and make updates to the following lines to update the paths for the new data installed:
  - ♦ `CRSP_CCM=<full path name>/<compustat directory>` (example: `CRSP_CCM=~ /crspdata/cmz201309` )
- If you are using the bash shell (or any Bourne-style shell), enter the same commands above and export each one. This will make changes for your current session only and does not save to the .profile file.
- A shell script is available to make changes that can be reused for each update done. Note that this will only make changes to your current session and does not save to the .profile file.
  - ♦ Navigate to where the CUPL tools are loaded and then enter: `cd accbin`
  - ♦ Start the script by entering: `./crsp_setup.sh`
  - ♦ The script will prompt for the following:
    - File name (*will be appended with .kshrc*)
    - Top level directory (this should be where CUPL tools are located (*example: ~/crsp*))
    - Scratch directory for error messages - name can be anything
    - Enter path for daily stock directory (*example: ~/crspdata/diz201308*)
    - Enter path for monthly stock directory (*example: ~/crspdata/miz201308*)
    - Enter path for index directory (*example: ~/crspdata/ifz201308*)
    - Enter path for CCM directory - enter to leave blank (*example: CRSP\_CCM=~ /crspdata/cmz201309* )
    - Enter path for CST directory - enter to leave blank
- Execute script by running: `. ./<file name created above>.kshrc` (*note there is a space between the two dots*)

## WINDOWS:

The CRSP Client Environment utility provides users a way to check the location of the software and to set environment variables. The utility can be started by locating it under installed programs CRSPAccess/CRSP Client Environment, or by navigating to the /acbin folder where the CUPL tools are installed and running: `Client_Environment.exe` (screen shot is displayed below). After making any changes, be sure to log off and back into Windows for the settings to be saved.

## NEW DATA ITEMS

Listed in the table below are new data items and new keysets for existing data items that have been added over the past 12 months.

ITEM MNEMONIC	ITEM NAME	KEYSET	KEYSET_TAG	DESCRIPTION
ACQIC_DC	Acquisitions - Current Income Contribution Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
ACQSC_DC	Acquisitions - Current Sales Contribution Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
ANO_DC	Assets Netting & Other Adjustments Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
AOL2_DC	Assets Level2 (Observable) Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
AQDY_FN	Acquisition/Merger Diluted EPS Footnote	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
AQPL1_DC	Assets Level1 (Quoted Prices) Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
DIB_DC	Interest Bearing Deposits Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
DILAVSA_DC	Dilution Available / Excluding Extraordinary Items Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
DLTO_DC	Other Long-term Debt Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
DLTSUB_DC	Long-Term Debt - Subordinated Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
DPTC_DC	Deposits - Total - Customer Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
DPTIC_DC	Deposits - Time - Customer Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
DTEA_DC	Extinguishment of Debt After-tax Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
DTED_DC	Extinguishment of Debt Diluted EPS Effect Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
DTEEPS_DC	Extinguishment of Debt Basic EPS Effect Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
GDWLIPSA_DC	Impairment of Goodwill Pretax Data Code	5	PFO	Industrial Format, Pro Forma Reporting, Standardized Presentation
IBCOMSA_DC	Income Before Extraordinary Items / Available for Common Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
IBMIQ_DC	Income before Extraordinary Items and Noncontrolling Interests Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
IBMIISA_DC	Income before Extraordinary Items and Noncontrolling Interests Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation

ITEM MNEMONIC	ITEM NAME	KEYSET	KEYSET_TAG	DESCRIPTION
IBMIY_DC	Income before Extraordinary Items and Noncontrolling Interests Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
IDIS_DC	Interest and Dividend Income - Sundry Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
INVT_DC	Inventories - Total Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
INVTQ_DC	Inventories - Total Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
ISOCURCD	ISO Currency Code /Currency	916	RSD	Serbian Dinar, ISO Code = RSD
ISOCURCD	ISO Currency Code / Currency	915	UYN	ISOCURCD = UYN
LNO_DC	Liabilities Netting & Other Adjustments Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
LOL2_DC	Liabilities Level2 (Observable) Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
LQPL1_DC	Liabilities Level1 (Quoted Prices) Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
LUL3_DC	Liabilities Level3 (Unobservable) Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
MIBNQ_DC	Noncontrolling Interests - Nonredeemable - Balance Sheet Data Code	5	PFO	Industrial Format, Pro Forma Reporting, Standardized Presentation
PPICQ_FN	Pension Plans - Interest Cost - Quarterly Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
PPIC_FN	Pension Plans / Interest Cost Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
PPRPAQ_FN	Pension Plans - Return on Plan Assets (Expected) - QuarterlyFootnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
PPRPA_FN	Pension Plans / Return on Plan Assets (Expected) Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
RDIPSA_DC	In Process R&D Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation ISO Code = RSD
RECCO_DC	Receivables - Current - Other Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
SALEPFC_DC	Pro Forma Net Sales - Current Year Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
SALEPFP_DC	Pro Forma Net Sales - Prior Year Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
TFVA_DC	Total Fair Value Assets Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
TFVL_DC	Total Fair Value Liabilities Data Code	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
TXWSA_DC	Excise Taxes Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation
UCONSE1_DC	Construction Expenditures - Estimate For Next Year Data Code	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
UMEE_DC	Maintenance Expense - Electric Data Code	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
WDASA_DC	Writedowns After-tax Data Code	5	PFO	Industrial Format, Pro Forma Reporting, Standardized Presentation
XS_DC	Expense - Sundry Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation

# AUGUST 2013 - JULY 2014

## JULY 2014 LINK EDITS

### GVKEY 4367 WEATHERFORD INTL PLC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19770101	19790130	32791	1543	00X	LU	C
19790131	99999999	32791	1543	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19770101	19790130	32791	1543	00X	LC	C
19790131	99999999	32791	1543	01	LC	P

### GVKEY 17724 CONNECTONE BANCORP INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19861031	19960623	0	0	01	NU	C
19960624	99999999	83642	14751	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19861031	19960623	0	0	01	NR	C
19960624	99999999	83642	14751	01	LC	C

### GVKEY 7316 MICHAELS COS INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840101	19840429	0	0	00X	NU	C
19840430	19840517	0	0	01	NU	P
19840518	20061031	53381	6959	01	LU	P
20061101	20061130	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840101	19840429	0	0	00X	NR	C
19840430	19840517	0	0	01	NR	P
19840518	20061031	53381	6959	01	LC	P
20140627	99999999	14696	54891	02	LC	P

**GVKEY 11669 ZALE CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19520401	19620130	0	0	00X	NU	C
19620131	19931020	0	0	01	NU	C
19931021	20140530	79672	12317	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19520401	19620130	0	0	00X	NR	C
19620131	19931020	0	0	01	NR	C
19931021	20140529	79672	12317	01	LC	C
20140530	99999999	0	0	01	NR	C

JUNE 2014 LINK EDITS**GVKEY 20135 QUOTIENT LTD**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100401	20140429	0	0	00X	NR	C
20140430	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100401	20140424	0	0	00X	NR	C
20140425	20140430	0	0	01	NR	P
20140501	20140523	0	0	01	NR	C
20140527	99999999	14666	54829	02	LC	P

MAY 2014 LINK EDITS**GVKEY 17196 (UNILENS VISION INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19891117	19940906	77571	28850	01	LU	C
19940907	99999999	0	0	01	NU	C
19880129	19891116	0	0	01C	NU	C
19891117	19940906	77571	28850	01C	LX	N
19940907	99999999	0	0	01C	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19891117	19940721	77571	28850	01	LC	P
19940722	19940809	0	0	01	NR	P
19940810	19940906	77571	28850	01	LC	P
19940907	99999999	0	0	01	NR	P
19880129	19891116	0	0	01C	NR	P
19891117	19891129	77571	28850	01C	LX	P
19891130	19940721	77571	28850	01C	LX	N
19940722	19940809	0	0	01C	NR	N
19940810	19940906	77571	28850	01C	LX	N
19940907	99999999	0	0	01C	NR	N

**GVKEY 10121 (NAVIENT CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19810129	0	0	00X	NR	C
19831031	19920630	0	0	01	NR	P
19920701	19920731	0	0	01	NR	J
19810130	19830930	0	0	02	NR	P
19831001	19920731	0	0	02	NR	J
19900928	19910628	0	0	03	NU	J
19820129	19920630	0	0	04	NR	N
19920701	20020519	0	0	04	NR	P
20020520	99999999	66325	6412	04	LC	P
19991231	20051230	0	0	06	NR	N
20031231	20060131	0	0	07	NR	J
20050729	20051230	0	0	09	NR	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19810129	0	0	00X	NR	C
19831031	19920630	0	0	01	NR	P
19920701	19920731	0	0	01	NR	J
19810130	19830930	0	0	02	NR	P
19831001	19920731	0	0	02	NR	J
19900928	19910628	0	0	03	NR	J
19820129	19830922	0	0	04	NR	N
19830923	19920630	66325	6412	04	LC	N
19920701	99999999	66325	6412	04	LC	P
19991231	20051230	0	0	06	NR	N
20031231	20060131	0	0	07	NR	J
20050729	20051230	0	0	09	NR	J

**GVKEY 23675 (NUVEEN PA INVT QUAL MUN FD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900701	19910220	0	0	00X	NU	C
19910221	99999999	76572	28989	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900701	19910220	0	0	00X	NR	C
19910221	99999999	76572	28989	01	LC	P
20140430	99999999	0	0	07	NR	J

APRIL 2014 LINK EDITS**4052 (ESCALERA RESOURCES CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730901	19791206	0	0	00X	NU	C
19791207	99999999	30593	1260	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19730901	19791206	0	0	00X	NR	C
19791207	99999999	30593	1260	01	LC	P

**29448 (PMC COMMERCIAL TRUST)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19931216	0	0	00X	NU	C
19931217	99999999	80014	12702	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19931216	0	0	00X	NR	C
19931217	20140311	80014	12702	01	LC	P

**121893 (NVEST)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19980129	0	0	00X	NR	C
19980130	20001027	75088	21503	01	LC	P
20001028	20001130	0	0	01	NR	P



NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19980129	0	0	00X	NR	C
19990730	20001027	75088	21503	01	LC	P
20001028	20001130	0	0	01	NR	P

**5073 (GENERAL MOTORS CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	12079	20799	00X	LC	C
19620131	20090601	12079	20799	01	LC	P
20090602	20101031	0	0	01	NR	P
20101101	20101117	0	0	01	NR	C
20101118	20110331	0	0	01	NR	N
19980430	20080731	12079	20799	01C	LX	N
20010731	20060131	0	0	07	NR	J
20011031	20060131	0	0	08	NR	J
20030530	20060131	0	0	13	NR	J
20040630	20060131	0	0	17	NR	J
20101118	99999999	12369	53554	19	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	12079	20799	00X	LC	C
19620131	20090601	12079	20799	01	LC	P
20090602	20101031	0	0	01	NR	P
20101101	20101117	0	0	01	NR	C
20101118	20110331	0	0	01	NR	N
19970131	20080731	12079	20799	01C	LX	N
20010731	20060131	0	0	07	NR	J
20011031	20060131	0	0	08	NR	J
20030530	20060131	0	0	13	NR	J
20040630	20060131	0	0	17	NR	J
20101118	99999999	12369	53554	19	LC	P
20140331	99999999	12369	53554	19C	LX	N

**4058 (DOVER CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600101	19620130	25953	20596	00X	LU	C
19620131	99999999	25953	20596	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600101	19620130	25953	20596	00X	LC	C
19620131	99999999	25953	20596	01	LC	P

**9061 (HSBC USA INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19660101	19680729	0	0	00X	NU	C
19680730	19720111	0	0	01	NU	P
19720112	20000131	53938	21506	01	LU	P
19980430	20051230	0	0	04	NU	J
19980430	20051230	0	0	05	NU	J
20051031	20051230	0	0	12	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19660101	19680729	0	0	00X	NR	C
19680730	19720111	0	0	01	NR	P
19720112	19991231	53938	21506	01	LC	P
20000101	20000131	0	0	01	NR	P
19980430	20051230	0	0	04	NR	J
19980430	20051230	0	0	05	NR	J
20051031	20051230	0	0	12	NR	J

MARCH 2014 LINK EDITS**GVKEY 140194 (GASTAR EXPLORATION INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060105	20140228	91069	50185	01	LC	P
20001031	20060104	0	0	01C	NR	C
20060105	99999999	91069	50185	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060105	20140202	91069	50185	01	LC	P
20001031	20060104	0	0	01C	NR	C
20060105	20090731	91069	50185	01C	LX	N

FEBRUARY 2014 LINK EDITS

**GVKEY 006502 (KROGER CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	16678	21068	00X	LU	C
19620131	99999999	16678	21068	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	16678	21068	00X	LC	C
19620131	99999999	16678	21068	01	LC	P

JANUARY 2014 LINK EDITS

**GVKEY 007824 (NV ENERGY INC)**

OLD:

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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	0	0	00X	NR	C
19620131	19621118	0	0	01	NR	P
19621119	20131219	38658	21269	01	LC	P

**GVKEY 013427 (MIDAMERICAN ENERGY HOLDINGS)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850201	19870311	0	0	00X	NR	C
19870312	20000331	11170	9020	01	LC	P
20000401	99999999	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850201	19870311	0	0	00X	NR	C
19870312	20000314	11170	9020	01	LC	P
20000315	20000331	0	0	01	NR	P
20000401	99999999	0	0	99X	NR	C

**GVKEY 007506 (MOLEX INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19720701	19721129	0	0	00X	NU	C
19721130	19721213	0	0	01	NU	P
19721214	20131231	54827	2991	01	LU	P
19900726	20131130	76234	2991	03	LU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19720701	19721129	0	0	00X	NR	C
19721130	19721213	0	0	01	NR	P
19721214	20131206	54827	2991	01	LC	P
19900726	20131206	76234	2991	03	LC	J

**GVKEY 1045 (AMERICAN AIRLINES GROUP INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NR	C
19620131	20120104	21020	20010	01	LC	P
20120105	20131130	0	0	01	NR	P
19990831	20060131	0	0	02	NR	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	21020	20010	00X	LC	C
19620131	20120104	21020	20010	01	LC	P
20120105	20131130	0	0	01	NR	P
20131201	20131208	0	0	01	NR	C
19990831	20060131	0	0	02	NR	J
20131209	99999999	21020	20010	04	LC	P

**GVKEY 24670 (ARI NETWORK SERVICES INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900801	19911114	0	0	00X	NU	C
19911115	20010705	77082	11208	01	LU	P
20010706	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900801	19971119	0	0	00X	NR	C
19971120	99999999	77082	11208	01	LC	P

**GVKEY 182826 (ADAMIS PHARMACEUTICALS CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090430	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090401	20131212	0	0	00X	NR	C
20131213	99999999	82163	13934	01	LC	P

**GVKEY 62391 (EARTHLINK HOLDINGS CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960313	0	0	00X	NU	C
19960314	99999999	83291	14433	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19960313	0	0	00X	NR	C
19960314	99999999	83291	14433	01	LC	P

**GVKEY 5643 (HILTON WORLDWIDE HOLDINGS)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	23309	20915	00X	LC	C
19620131	20071031	23309	20915	01	LU	P
20010831	20060131	0	0	03	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	23309	20915	00X	LC	C
19620131	20071024	23309	20915	01	LC	P
20010831	20060131	0	0	03	NR	J
20131212	99999999	14338	54672	04	LC	P

## DECEMBER 2013 LINK EDITS

**GVKEY 012075 BALLY TECHNOLOGIES INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840701	19850130	0	0	00X	NR	C
19850131	99999999	38149	297	01	LC	P
19980630	19990630	0	0	03	NR	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19831230	99999999	38149	297	01	LC	P
19980630	19990630	0	0	03	NR	N

**GVKEY 177124 CRESTWOOD MIDSTREAM PTNRS LP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20070806	0	0	00X	NR	C
20070807	20131031	92255	52701	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20070806	0	0	00X	NR	C
20070807	20131007	92255	52701	01	LC	P
20131008	99999999	13123	53940	01	LC	P

**GVKEY 212310 D MEDICAL INDUSTRIES**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20100804	0	0	00X	NR	C
20100805	99999999	12077	53489	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20100804	0	0	00X	NR	C
20100805	20120725	12077	53489	01	LC	P
20120726	99999999	0	0	01	NR	P

**GVKEY 19731 FOUNDATION HEALTHCARE INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050228	20080909	0	0	01	NR	P
20080910	99999999	92779	53081	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050228	20080909	0	0	01	NR	P
20080910	20121105	92779	53081	01	LC	P
20121106	99999999	0	0	01	NR	P

**GVKEY 18792 GAMING & LEISURE PPTYS**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20131030	0	0	00X	NR	C
20131031	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20131030	0	0	00X	NR	C
20131031	20131103	0	0	01	NR	P
20131104	99999999	14252	54610	01	LC	P

**GVKEY 4984 GAMING & TECHNOLOGY**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19751001	19781101	0	0	00X	NR	C
19781102	19850130	38149	297	01	LC	C
19850131	19860131	38149	297	01	LD	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19751001	19781101	0	0	00X	NR	C
19781102	19831229	38149	297	01	LC	C
19831230	19860131	38149	297	01	LD	C

**GVKEY 016719 HARVARD APPARATUS REGN TECH**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20131020	0	0	00X	NR	C
20131021	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20131030	0	0	00X	NR	C
20131031	20131103	0	0	01	NR	P
20131104	99999999	14253	54611	01	LC	P

**GVKEY 187958 INERGY MIDSTREAM -LP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081001	20111215	0	0	00X	NR	C
20111216	99999999	13123	53940	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081001	20111215	0	0	00X	NR	C
20111216	20131007	13123	53940	01	LC	P

**GVKEY 14624 OFFICE DEPOT INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880101	19880531	0	0	00X	NU	C
19880601	99999999	75573	9798	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19880101	19880531	0	0	00X	NR	C
19880601	99999999	75573	9798	01	LC	P

**GVKEY 013380 SAKS INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860201	19870602	0	0	00X	NU	C
19870603	20131129	11382	9225	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860201	19870602	0	0	00X	NR	C
19870603	20131104	11382	9225	01	LC	P

**GVKEY 17184 SEACOAST BANKING CORP/FL**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840101	19840201	0	0	00X	NU	C
19840202	99999999	69586	6827	01	LU	P
19980630	20020628	0	0	02	NU	J



NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840101	19840201	0	0	00X	NR	C
19840202	99999999	69586	6827	01	LC	P
19980630	20020628	0	0	02	NR	J

**GVKEY 14611 UBM PLC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870101	19870827	0	0	00X	NU	C
19870828	20050331	11643	9464	90	LU	P
20050401	20060531	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870101	19870827	0	0	00X	NR	C
19870828	20050321	11643	9464	90	LC	P
20050322	20050331	0	0	90	NR	P
20130628	99999999	0	0	91	NR	P
20050401	20130627	0	0	99X	NR	C

**GVKEY 191055 WESTWOOD ONE INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20111024	99999999	82668	6999	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20111023	0	0	00X	NR	C
20111024	20121123	82668	6999	01	LC	P
20121124	99999999	0	0	01	NR	P

**GVKEY 13540 WHITEWAVE FOODS CO (THE)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20121025	0	0	00X	NR	C
20121026	99999999	13627	54212	01	LC	P
20130924	20130924	13916	54212	02	LN	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20121025	0	0	00X	NR	C
20121026	99999999	13627	54212	01	LC	P
20130924	20130930	13916	54212	02	LC	J

## NOVEMBER 2013 LINK EDITS

**GVKEY 18479 (QUINPARIO ACQUISITION CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20130808	0	0	00X	NR	C
20130809	20130831	93820	54511	01	LC	P
20130901	20130929	93820	54511	01	LC	C
20130930	99999999	93820	54511	01	LC	N
20130930	99999999	14173	54511	02	LC	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20130808	0	0	00X	NR	C
20130809	20130831	0	0	01	NR	P
20130901	20130929	0	0	01	NR	C
20130930	99999999	0	0	01	NR	N
20130930	20130930	14173	54511	02	LC	J
20131001	99999999	14173	54511	02	LC	P

**GVKEY 178937 (WESTERN LIBERTY BANCORP -OLD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NR	C
20071130	20071130	0	0	02	NR	P
20071201	20071230	0	0	02	NR	C
20071231	20101029	0	0	02	NR	N
20121018	20110930	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NR	C
20071228	20101029	92481	52835	01	LD	P
20101030	20101031	0	0	01	NR	P
20071130	20071130	0	0	02	NR	P
20071201	20071227	0	0	02	NR	C
20071228	20101029	0	0	02	NR	N

**GVKEY 157359 (OREMEX SILVER INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20111031	99999999	0	0	01	NR	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20111031	20130831	0	0	01	NR	N
20130901	99999999	0	0	01	NR	C
20031128	99999999	0	0	01C	NR	P

**GVKEY 17815 (BAY BANCORP INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130424	99999999	80517	13085	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130430	99999999	80517	13085	01	LC	P

**GVKEY 65838 (SENECO TECHNOLOGIES INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980701	19980730	0	0	00X	NR	C
19980731	20020516	0	0	01	NR	P
20020517	99999999	89411	43166	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980701	19980730	0	0	00X	NR	C
19980731	20020516	0	0	01	NR	P
20020517	20121120	89411	43166	01	LC	P
20121121	99999999	0	0	01	NR	P

**GVKEY 186087 (LONE PINE RESOURCES INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20110525	0	0	00X	NR	C
20110526	99999999	12743	53752	01	LC	P
20110526	99999999	12743	53752	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20110525	0	0	00X	NR	C
20110526	20130913	12743	53752	01	LC	P
20130914	99999999	0	0	01	NR	P
20110526	20130913	12743	53752	01C	LX	N
20130914	99999999	0	0	01C	NR	N

**GVKEY 17154 (WEST NEWTON SVGS BK MASS)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19861016	19940929	10762	8658	01	LU	P
19940930	19941230	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19870101	19870226	0	0	00X	NR	C
19870227	19940929	10762	8658	01	LC	P
19940930	19941230	0	0	01	NR	P

OCTOBER 2013 LINK EDITS**GVKEY 18325 (SILVER EAGLE ACQUISITION CP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130731	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20130724	0	0	00X	NR	C
20130725	20130831	0	0	01	NR	P
20130901	20130915	0	0	01	NR	C
20130916	99999999	0	0	01	NR	N
20130916	99999999	14153	54478	02	LC	P

**GVKEY 18479 (QUINPARIO ACQUISITION CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130809	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20130808	0	0	00X	NR	C
20130809	20130831	93820	54511	01	LC	P
20130901	20130929	93820	54511	01	LC	C
20130930	99999999	93820	54511	01	LC	N
20130930	99999999	14173	54511	02	LC	J

**GVKEY 178937 (WESTERN LIBERTY BANCORP -OLD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NR	C
20071130	20071130	0	0	02	NR	P
20071201	20101029	0	0	02	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NR	C
20071130	20071130	0	0	02	NR	P
20071201	20071230	0	0	02	NR	C
20071231	20101029	0	0	02	NR	N
20121018	20110930	0	0	99X	NR	C

**GVKEY 18498 (MURPHY USA INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20130829	0	0	00X	NR	C
20130830	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20130829	0	0	00X	NR	C
20130830	20130902	0	0	01	NR	P
20130903	99999999	14076	54499	01	LC	P

**GVKEY 4194 (EASTMAN KODAK CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	11754	20626	00X	LC	C
19620131	20120118	11754	20626	01	LC	P
20120119	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	11754	20626	00X	LC	C
19620131	20120118	11754	20626	01	LC	P
20120119	20130830	0	0	01	NR	P
20130930	99999999	0	0	02	NR	P

**GVKEY 29040 (SPECIAL DIVERSIFIED OPPS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19931019	0	0	00X	NU	C
19931020	99999999	79689	12495	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19931019	0	0	00X	NR	C
19931020	20130723	79689	12495	01	LC	P
20130724	99999999	0	0	01	NR	P

**170312 (OSH 1 LIQUIDATING CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060201	20120102	0	0	00X	NR	C
20120103	99999999	13115	12054	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060201	20120102	0	0	00X	NR	C
20120103	20130625	13115	12054	01	LC	P
20130626	99999999	0	0	01	NR	P

**GVKEY 187958 (CRESTWOOD MIDSTREAM PTNRS LP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081001	20111208	0	0	00X	NR	C
20111209	99999999	13123	53940	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081001	20111215	0	0	00X	NR	C
20111216	99999999	13123	53940	01	LC	P

**GVKEY 209410 (TATA COMMUNICATIONS LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970401	19980929	0	0	00X	NR	C
19980930	20000731	0	0	90	NU	P
20000801	20000814	0	0	90	NU	C
20000815	20010831	0	0	90	NU	N
20000815	20130731	88494	38397	92	LC	P
20001130	20020131	0	0	93	NU	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970401	19980929	0	0	00X	NR	C
19980930	20000731	0	0	90	NR	P
20000801	20000814	0	0	90	NR	C
20000815	20010831	0	0	90	NR	N
20000815	20130607	88494	38397	92	LC	C
20130608	99999999	0	0	92	NR	C
20001130	20020131	0	0	93	NR	J

## SEPTEMBER 2013 LINK EDITS

### GVKEY 18386 (STRAIGHT PATH COMMUNICATIONS)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100801	20130730	0	0	00X	NR	C
20130731	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100801	20130730	0	0	00X	NR	C
20130731	20130731	0	0	01	NR	P
20130801	99999999	14041	54474	01	LC	P

### GVKEY 190355 (AXOGEN INC)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20111112	99999999	0	0	01	NR	P

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090101	20110929	0	0	00X	NR	C
20110930	20130808	0	0	01	NR	P
20130809	99999999	10966	8839	01	LC	P

### GVKEY 12976 (SEARS HOMETOWN & OUTLET STR)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070201	20121011	0	0	00X	NR	C
20121012	99999999	13656	44118	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070201	20121011	0	0	00X	NR	C
20121012	99999999	13656	54517	01	LC	P

**GVKEY 5458 (HANDLEMAN CO)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600501	19631030	0	0	00X	NU	C
19631112	20080324	39765	20875	01	LU	P
20080325	20130131	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19600501	19631030	0	0	00X	NR	C
19631031	19631111	0	0	01	NR	P
19631112	20080324	39765	20875	01	LC	P

AUGUST 2013 LINK EDITS**GVKEY 12200 (DOCUMENT SECURITY SYS-OLD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19860513	0	0	00X	NR	C
19860514	20130731	10253	7922	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19860513	0	0	00X	NR	C
19860514	19860915	10253	7922	01	LC	C
19860916	20040421	0	0	01	NR	C
20040422	20130714	10253	7922	01	LC	C

**GVKEY 4632 (NEOSTEM INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19791001	19810408	0	0	00X	NR	C
19810409	99999999	34666	1783	02	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19791001	19810408	0	0	00X	NR	C
19810409	19951011	34666	1783	02	LC	P
19951012	20070808	0	0	02	NR	P
20070809	99999999	34666	1783	02	LC	P



**GVKEY 10984 (SPRINT CORP)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19620101	19620130	0	0	00X	NR	C
19620131	19630409	0	0	01	NU	P
19630410	20130630	39087	21833	01	LU	P
19950331	20000331	0	0	02	NU	J
20010831	20041130	0	0	05	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19620101	19620130	0	0	00X	NR	C
19620131	19630409	0	0	01	NR	P
19630410	20130630	39087	21833	01	LC	P
20130701	20130710	39087	21833	01	LC	C
19950331	20000331	0	0	02	NR	J
20010831	20041130	0	0	05	NR	N
20130712	99999999	14040	54473	10	LC	P

**GVKEY 165934 (CARDIUM THERAPEUTICS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20060122	0	0	00X	NR	C
20060123	99999999	84521	15354	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20051030	0	0	00X	NR	C
20051031	20051231	0	0	01	NR	C
20060101	20070731	0	0	01	NR	P
20070801	99999999	84521	15354	01	LC	P

**GVKEY 178003 (YONGYE INTERNATIONAL INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20080429	0	0	00X	NR	C
20080430	20090902	0	0	01	NR	C
20090903	20130317	93048	53226	01	LC	C
20130318	20130616	0	0	01	NR	C
20130617	99999999	93048	53226	01	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20080429	0	0	00X	NR	C
20080430	20090902	0	0	01	NR	C
20090903	99999999	93048	53226	01	LC	C