

### HEADS UP: LEGACY DATABASE

The July 29, 2010, shipment of the CRSP/Compustat Merged Database in the legacy CST format (volume label CPZ), will be its last. Subsequent CCM shipments will include only the Xpressfeed version of the data (volume label CMZ). If the discontinuation of this database will be disruptive, please communicate with us as expeditiously as possible by contacting Client Services at support@crsp.ChicagoBooth.edu or by phone at (312)263-6400, Option 2.

### ABOUT THE APRIL 2010 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is April 11, 2010.

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

- CPZ201004 - the legacy CST format database
- CMZ201004 - the new CCM format database using Compustat's Xpressfeed delivery.

All CRSP/Compustat Merged Database media are shipped on DVDs.

### 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	6.6 GB	2.5 GB
Delivery Media	DVD	DVD
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	Coming soon	yes
C	Yes – CA3.1 and higher	yes
Fortran-95	Yes – CA3.1 and higher	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 beginning with the CRSPAccess 3.1 release for use with the Xpressfeed data.

FORTTRAN-95 programs are now supported in the newly released CRSPAccess Version 3.14. Please review the CRSPAccess Utilities and Program Libraries Release Notes for changes and usage. The Release Notes and Programmer's Guide can be accessed on-line at [www.crsp.ChicagoBooth.edu/documentation](http://www.crsp.ChicagoBooth.edu/documentation).

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 201004	
Number of CRSP Securities	24397
Number of GVKEYS	34719
Number of Links	65115
Database Size	2.51 GB

CMZ 201004	
Total Compustat Records	39184
Total GVKEY Companies	36986
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	43784
Total CRSP Securities Linked	24677
Total GVKEYs in Link	35833
Total Link Records	81714
Total Link Records with a Link to CRSP	28835
Database Size	6.80 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	19251231-20100409	1-22344
Monthly trading calendar	19251231-20141231	1-1069
Annual trading calendar	19251231-20111230	1-87
Quarterly trading calendar	19251231-20111230	1-345
Semi-Annual trading calendar	19251231-20111230	1-173
Weekly trading calendar	19260102-20100409	1-4397

## NEW ITEMS IN CCM

The following are new data items, data code items and new keysets for existing items added this month. 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
GDWLIA12_DC	Impairment of Goodwill After-tax/ 12mm Data Code	1, Standard Keyset (STD) Industrial Format, Consolidated Information, Standardized Presentation
OGXPX	Exploration Expense	5, PFO, Industrial Format, Pro Forma Reporting, Standardized Presentation
OGXPXQ	Exploration Expense – Quarterly	5, PFO, Industrial Format, Pro Forma Reporting, Standardized Presentation
OGXPXY	Exploration Expense – Year-to-Date	5, PFO, Industrial Format, Pro Forma Reporting, Standardized Presentation
TXNDBA_DC	Net Deferred Tax Asset – Data Code	7, SFAS , Industrial Format, Pre-FASB Reporting, Standardized Presentation
TXNDBL_DC	Net Deferred Tax Liability – Data Code	7, SFAS , Industrial Format, Pre-FASB Reporting, Standardized 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 17.

### APRIL 2010 EDITS

#### GROUP EDITS

Reviewed all issues where there were missing iid entries in the link history and a CUS match to the stock database. Added link history records where needed. Project 100% completed.

#### INDIVIDUAL EDITS

##### **ACCURIDE CORP (GVKEY 145979)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20050425	0	0	00X	NR	C
20050426	20100228	90643	46538	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20050425	0	0	00X	NR	C
20050426	20081111	90643	46538	01	LC	P
20081112	20100226	0	0	01	NR	P
20100331	99999999	0	0	02	NR	P

##### **CAPITAL GOLD CORP (GVKEY 12782)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840319	19920501	49016	6930	01	LC	C
19920502	20100201	0	0	01	NR	C
20100202	99999999	49016	6930	01	LC	C
20060331	20100201	0	0	01C	NR	N
20100202	99999999	49016	6930	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840319	19920501	49016	6930	01	LC	C
19920502	20100201	0	0	01	NR	C
20100202	99999999	93238	53336	01	LC	C
20060331	20100201	0	0	01C	NR	N
20100202	99999999	93238	53336	01C	LX	N

**ENSCO PLC -ADR (GVKEY 2270)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19780601	19800227	0	0	00X	NR	C
19800228	20091222	62519	559	01	LC	P
20091223	99999999	93159	53296	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19780601	19800228	0	0	00X	NR	C
19800229	20091222	0	0	90	NR	P
20091223	99999999	93159	53296	90	LC	P

**GENERAL GROWTH PPTYS INC (GVKEY 28119)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930407	0	0	00X	NR	C
19930408	20090415	79129	29807	01	LC	P
20090416	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930407	0	0	00X	NR	C
19930408	20090415	79129	29807	01	LC	P
20090416	20100304	0	0	01	NR	P
20100305	99999999	79129	29807	01	LC	P

**GOLDEN MINERALS CO (GVKEY 65921)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19971124	0	0	00X	NR	C
19971125	20090112	85633	32169	01	LC	P
20090113	20090228	0	0	01	NR	P
20090301	20090331	0	0	01	NR	C
20090430	99999999	0	0	02	NR	P
20090731	99999999	0	0	02C	NR	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19971124	0	0	00X	NR	C
19971125	20090112	85633	32169	01	LC	P
20090113	20090228	0	0	01	NR	P
20090301	20090331	0	0	01	NR	C
20090430	20100318	0	0	02	NR	P
20100319	99999999	93285	53358	02	LC	P
20090731	20100318	0	0	02C	NR	N
20100319	99999999	93285	53358	02C	LX	N

**GOLF TRUST OF AMERICA INC (GVKEY 64365)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19970206	0	0	00X	NR	C
19970207	99999999	84581	31920	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19970206	0	0	00X	NR	C
19970207	20100309	84581	31920	01	LC	P

**IFM INVESTMENTS LTD -ADR (GVKEY 184116)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20100127	0	0	00X	NR	C
20100128	99999999	93209	53323	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20100127	0	0	00X	NR	C
20100128	99999999	93209	53323	90	LC	P

**MILLENNIUM BANKSHARES CORP (GVKEY 147220)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20020205	0	0	00X	NU	C
20020206	99999999	89308	42785	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20020205	0	0	00X	NR	C
20020206	20081219	89308	42785	01	LC	P
20081220	99999999	0	0	01	NR	P

**PEPSI BOTTLING GROUP INC (GVKEY 119417)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19990330	0	0	00X	NU	C
19990331	20100228	86756	35014	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19990330	0	0	00X	NR	C
19990331	20100226	86756	35014	01	LC	P

**POSTROCK ENERGY CORP (GVKEY 20217)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860601	19900130	0	0	00X	NR	C
19900131	19900928	0	0	02	NR	P
19990730	20060410	0	0	03	NR	P
20060411	99999999	76465	10462	03	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860601	19900130	0	0	00X	NR	C
19900131	19900928	0	0	02	NR	P
19990730	20060410	0	0	03	NR	P
20060411	20100305	76465	10462	03	LC	P
20100308	99999999	93310	53372	03	LC	P

**SPECTRUM BRANDS INC (GVKEY 65459)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940701	19971120	0	0	00X	NR	C
19971121	20081219	85625	32162	01	LC	P
20081220	20090831	0	0	01	NR	P
20090930	99999999	0	0	03	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940701	19971120	0	0	00X	NR	C
19971121	20081219	85625	32162	01	LC	P
20081220	20090831	0	0	01	NR	P
20090930	20100317	0	0	03	NR	P
20100318	99999999	93295	32162	03	LC	P

**VIASYSTEMS GROUP INC (GVKEY 133346)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	20000323	0	0	00X	NR	C
20000324	20020422	87668	36965	01	LC	P
20020423	20030131	0	0	01	NR	P
20060831	99999999	0	0	02	NR	C
20100217	99999999	93271	36965	05	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	20000323	0	0	00X	NR	C
20000324	20020422	87668	36965	01	LC	P
20020423	20030131	0	0	01	NR	P
20060531	20090930	0	0	02	NR	C
20100217	99999999	93271	36965	05	LC	P

MARCH 2010 EDITS**ABLEAUCTIONS.COM INC (GVKEY 116393)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	19990225	0	0	00X	NU	C
19990226	20000628	0	0	01	NU	P
20000629	99999999	88278	37657	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	19990225	0	0	00X	NR	C
19990226	20000628	0	0	01	NR	P
20000629	20100207	88278	37657	01	LC	P

**ASPEN TECHNOLOGY INC (GVKEY 030870)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930701	19941025	0	0	00X	NU	C
19941026	20080215	80957	13398	01	LU	P
20080216	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930701	19941025	0	0	00X	NR	C
19941026	20080218	80957	13398	01	LC	P
20080219	20100209	0	0	01	NR	P
20100210	99999999	80957	13398	01	LC	P

**CAPITAL GOLD CORP (GVKEY 12782)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840319	19920501	49016	6930	01	LC	C
19920502	99999999	0	0	01	NR	C
20060331	99999999	0	0	01C	NR	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840319	19920501	49016	6930	01	LC	C
19920502	20100201	0	0	01	NR	C
20100202	99999999	49016	6930	01	LC	C
20060331	20100201	0	0	01C	NR	N
20100202	99999999	49016	6930	01C	LX	N

**CITADEL BROADCASTING CORP (GVKEY 149089)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20030731	0	0	00X	NR	C
20030801	99999999	89806	44267	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20030731	0	0	00X	NR	C
20030801	20090305	89806	44267	01	LC	P
20090306	99999999	0	0	01	NR	P



**DERMA SCIENCES INC (GVKEY 030205)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940512	0	0	00X	NU	C
19940513	20001003	80524	13073	01	LU	P
20001004	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19940512	0	0	00X	NR	C
19940513	20001003	80524	13073	01	LC	P
20001004	20100209	0	0	01	NR	P
20100210	99999999	80524	13073	01	LC	P

**DNA MEDICAL (GVKEY 003701)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810401	19811025	0	0	00X	NR	C
19811026	19870930	28223	5137	01	LU	P
19871001	19871231	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810401	19811025	0	0	00X	NR	C
19811026	19870921	28223	5137	01	LC	P
19870922	19871231	0	0	99X	NR	C

**GENERAL GROWTH PPTYS INC (GVKEY 028119)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930407	0	0	00X	NU	C
19930408	99999999	79129	29807	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930407	0	0	00X	NR	C
19930408	20090415	79129	29807	01	LC	P
20090416	99999999	0	0	01	NR	P

**GOLDEN GOOSE RESOURCE (GVKEY 012506)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19840628	0	0	00X	NU	C
19850131	19900430	78480	26197	01	LC	C
19900501	99999999	0	0	01	NR	C
19840629	19850130	78480	26197	01C	LX	C
19850131	19900430	78480	26197	01C	LX	N
19900501	99999999	0	0	01C	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19830509	0	0	00X	NR	C
19830510	19840628	78480	26197	00X	LN	C
19850131	19900430	78480	26197	01	LC	C
19900501	99999999	0	0	01	NR	C
19840629	19850130	78480	26197	01C	LX	C
19850131	19900430	78480	26197	01C	LX	N
19900501	20100131	0	0	01C	NR	N
20100201	99999999	0	0	01C	NR	C

**POSTROCK ENERGY CORP (GVKEY 20217)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860601	19900130	0	0	00X	NU	C
19900131	19900928	0	0	02	NU	P
19990730	99999999	76465	10462	03	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860601	19900130	0	0	00X	NR	C
19900131	19900928	0	0	02	NR	P
19990730	20060410	0	0	03	NR	P
20060411	99999999	76465	10462	03	LC	P

**REGENT COMMUNICATIONS INC (GVKEY 111974)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20000124	0	0	00X	NR	C
20000125	99999999	87564	17862	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20000124	0	0	00X	NR	C
20000125	20100107	87564	17862	01	LC	P
20100108	99999999	0	0	01	NR	P

**TOWERS WATSON & CO (GVKEY 029887)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920701	20001010	0	0	00X	NR	C
20001011	20091231	88681	40158	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920701	20001010	0	0	00X	NR	C
20001011	20091231	88681	40158	01	LC	P
20100101	99999999	93223	53326	01	LC	P

**FEBRUARY 2010 EDITS****GROUP EDIT**

There was a review of all issues with overlapping LU or LC links for one PERMNO on one or more GVKEY. Link date ranges and linktypes were changed where needed. This project is 100% complete.

**MARVEL ENTERTAINMENT INC (GVKEY 31554)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19950222	0	0	00X	NU	C
19950223	20091231	81293	30853	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19950222	0	0	00X	NR	C
19950223	20091231	81293	30853	01	LC	P

**AFFILIATED COMPUTER SERVICES (GVKEY 30697)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930701	19940926	0	0	00X	NU	C
19940927	99999999	80913	13331	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930701	19940926	0	0	00X	NR	C
19940927	99999999	80913	13331	01	LC	P

**AMEN PROPERTIES INC (GVKEY 65464)**

OLD:

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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970923	0	0	00X	NR	C
19970924	20090305	85354	15709	01	LC	P
20090306	99999999	0	0	01	NR	P

**CHINA CERAMICS CO LTD (GVKEY 178906)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NU	C
20071217	99999999	92475	52826	01	LC	P
20071130	20071130	0	0	03	NU	P
20071201	20071216	0	0	03	NU	C
20071217	99999999	0	0	03	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NR	C
20071217	20091228	92475	52826	01	LC	P
20100101	99999999	0	0	01	NR	P
20071130	20071130	0	0	03	NR	P
20071201	20071216	0	0	03	NR	C
20071217	99999999	0	0	03	NR	N

**IMPERIAL INDUSTRIES INC (GVKEY 5899)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670101	19701129	0	0	00X	NR	C
19701130	19721213	0	0	01	NR	C
19721214	99999999	57015	25549	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670101	19701129	0	0	00X	NR	C
19701130	19721213	0	0	01	NR	C
19721214	19861012	57015	25549	01	LC	C
19861013	20050501	0	0	01	NR	C
20050502	20100126	57015	25549	01	LC	C
20100127	99999999	0	0	01	NR	C

**KAR AUCTION SERVICES INC (GVKEY 183581)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070731	99999999	0	0	01C	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20091210	0	0	00X	NR	C
20091211	99999999	93174	53300	01	LC	P

**LEADING BRANDS INC (GVKEY 27971)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930802	99999999	79474	12319	01	LU	P
19880930	19930801	0	0	01C	NU	C
19930802	20030430	79474	12319	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930331	19930801	0	0	01	NR	P
19930802	99999999	79474	12319	01	LC	P
19880930	19930330	0	0	01C	NR	C
19930331	19930801	0	0	01C	NR	N
19930802	20030430	79474	12319	01C	LX	N

**LIBBEY INC (GVKEY 28462)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930617	0	0	00X	NR	C
19930618	20090417	79336	29883	01	LC	P
20090418	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930617	0	0	00X	NR	C
19930618	20090419	79336	29883	01	LC	P
20090420	20100103	0	0	01	NR	P
20100104	99999999	79336	29883	01	LC	P

**NEWS CORP (GVKEY 12886)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850701	19850730	0	0	00X	NR	C
19850731	19870330	0	0	01	NR	P
19870331	20041102	69593	21287	01	LC	P
20041103	20041111	0	0	01	NR	P
20041112	20041130	90442	21287	01	LC	P
20041201	99999999	90442	21287	01	LC	J
19941130	20041111	0	0	04	NR	J
20041112	20041130	90441	21287	04	LC	J
20041201	99999999	90441	21287	04	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850701	19850730	0	0	00X	NR	C
19850731	19860519	0	0	01	NR	P
19860520	19870330	69593	21287	01	LN	P
19870331	20041102	69593	21287	01	LC	P
20041103	20041111	0	0	01	NR	P
20041112	20041130	90442	21287	01	LC	P
20041201	99999999	90442	21287	01	LC	J
19941130	20041111	0	0	04	NR	J
20041112	20041130	90441	21287	04	LC	J
20041201	99999999	90441	21287	04	LC	P

**PERPETUAL FEDERAL SAVINGS BK (GVKEY 25333)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19931001	19940330	0	0	00X	NR	C
19940331	19960930	0	0	01	NU	P
19961001	20011116	84116	15003	01	LU	P
20011117	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19931001	19940330	0	0	00X	NR	C
19940331	99999999	0	0	01	NR	P

**SOUTHBANC SHARES INC (GVKEY 64023)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930331	19960930	0	0	01	NU	C
19961001	20011130	84116	15003	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930331	19980414	0	0	01	NR	C
19980415	20011116	84116	15003	01	LC	C

**SOUTHERN HOSPITALITY (GVKEY 9856)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790601	19800228	71539	4101	00X	LU	C
19800229	19920430	71539	4101	02	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790601	19800131	0	0	00X	NR	C
19800201	19880809	71539	4101	02	LC	C
19880810	19890810	0	0	02	NR	C
19890811	19920421	71539	4101	02	LC	C

**STOCKERYALE INC (GVKEY 30209)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19960128	0	0	00X	NR	C
19960129	99999999	82846	14318	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19960128	0	0	00X	NR	C
19960129	19990620	82846	14318	01	LC	P
19990621	20000515	0	0	01	NR	P
20000516	20090424	82846	14318	01	LC	P
20090425	99999999	0	0	01	NR	P

**SUN MICROSYSTEMS INC (GVKEY 12136)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840701	19860303	0	0	00X	NU	C
19860304	99999999	10078	8021	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840701	19860303	0	0	00X	NR	C
19860304	20100129	10078	8021	01	LC	P

**TLC VISION CORP (GVKEY 62465)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940601	19960328	0	0	00X	NU	C
19970702	99999999	85192	15570	01	LU	P
19960329	19970701	0	0	01C	NU	C
19970702	99999999	85192	15570	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940601	19960328	0	0	00X	NR	C
19970702	20091224	85192	15570	01	LC	P
20091225	99999999	0	0	01	NR	P
19960329	19970701	0	0	01C	NR	C
19970702	20091224	85192	15570	01C	LX	N
20091225	99999999	0	0	01C	NR	N

**TOWERS WATSON & CO (GVKEY 29887)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920701	20001010	0	0	00X	NR	C
20001011	99999999	88681	40158	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920701	20001010	0	0	00X	NR	C
20001011	20091231	88681	40158	01	LC	P

**VDC COMMUNICATIONS INC-OLD (GVKEY 13464)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19860130	76873	6345	00X	LC	C
19860131	19990226	0	0	01	NU	C
19871231	19920630	0	0	01C	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19971125	76873	6345	01	LD	C
19971126	19980707	0	0	01	NR	C
19980708	19990226	76873	6345	01	LD	C
19871231	19920630	76873	6345	01C	LX	N



# CST LINK HISTORY

APRIL 2010 EDITS

## ACCURIDE CORP (GVKEY 145979)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20050425	0	0	NR	XXX
20050426	20100228	90643	46538	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19990101	20050425	0	0	NR	XXX
20050426	20081111	90643	46538	LC	BBB
20081112	99999999	0	0	NR	XXX

## CAPITAL GOLD CORP (GVKEY 12782)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840319	19920501	49016	6930	LC	BBB
19920502	20100201	0	0	NR	XXX
20100202	99999999	49016	6930	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840319	19920501	49016	6930	LC	BBB
19920502	20100201	0	0	NR	XXX
20100202	99999999	93238	53336	LC	BBB

## ENSCO PLC -ADR (GVKEY 2270)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19780601	19800227	0	0	NR	XXX
19800228	20091222	62519	559	LC	BBB
20091223	99999999	93159	53296	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19780601	20091222	0	0	NR	XXX
20091223	99999999	93159	53296	LC	BBB

**GENERAL GROWTH PPTYS INC (GVKEY 28119)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930407	0	0	NR	XXX
19930408	20090415	79129	29807	LC	BBB
20090416	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930407	0	0	NR	XXX
19930408	20090415	79129	29807	LC	BBB
20090416	20100304	0	0	NR	XXX
20100305	99999999	79129	29807	LC	BBB

**GOLDEN MINERALS CO (GVKEY 65921)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19971124	0	0	NR	XXX
19971125	20090112	85633	32169	LC	BBB
20090113	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19971124	0	0	NR	XXX
19971125	20090112	85633	32169	LC	BBB
20090113	20100318	0	0	NR	XXX
20100319	99999999	93285	53358	LC	BBB

**GOLF TRUST OF AMERICA INC (GVKEY 64365)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19970206	0	0	NR	XXX
19970207	99999999	84581	31920	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19970206	0	0	NR	XXX
19970207	20100309	84581	31920	LC	BBB

**IFM INVESTMENTS LTD -ADR (GVKEY 184116)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20100127	0	0	NR	XXX
20100128	99999999	93209	53323	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20100127	0	0	NR	XXX
20100128	99999999	93209	53323	LC	BBB

**MILLENNIUM BANKSHARES CORP (GVKEY 147220)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19990101	20020205	0	0	NU	XXX
20020206	99999999	89308	42785	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19990101	20020205	0	0	NR	XXX
20020206	20081219	89308	42785	LC	BBB
20081220	99999999	0	0	NR	XXX

**PEPSI BOTTLING GROUP INC (GVKEY 119417)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19990330	0	0	NU	XXX
19990331	20100228	86756	35014	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19990330	0	0	NR	XXX
19990331	20100226	86756	35014	LC	BBB

**POSTROCK ENERGY CORP (GVKEY 20217)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860601	20060410	0	0	NR	XXX
20060411	99999999	76465	10462	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860601	20060410	0	0	NR	XXX
20060411	20100305	76465	10462	LC	BBB
20100308	99999999	93310	53372	LC	BBB

**SPECTRUM BRANDS INC (GVKEY 65459)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940701	19971120	0	0	NR	XXX
19971121	20081219	85625	32162	LC	BBB
20081220	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940701	19971120	0	0	NR	XXX
19971121	20081219	85625	32162	LC	BBB
20081220	20100317	0	0	NR	XXX
20100318	99999999	93295	32162	LC	BBB

**VIASYSTEMS GROUP INC (GVKEY 133346)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	20000323	0	0	NR	XXX
20000324	20020422	87668	36965	LC	BBB
20020423	99999999	0	0	NR	XXX
20100217	99999999	93271	36965	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	20000323	0	0	NR	XXX
20000324	20020422	87668	36965	LC	BBB
20020423	20090930	0	0	NR	XXX
20100217	99999999	93271	36965	LC	BBB

MARCH 2010 EDITS**ABLEAUCTIONS.COM INC (GVKEY 116393)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000628	0	0	NU	XXX
20000629	99999999	88278	37657	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000628	0	0	NR	XXX
20000629	20100207	88278	37657	LC	BBB

**ASPEN TECHNOLOGY INC (GVKEY 030870)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930701	19941025	0	0	NU	XXX
19941026	20080215	80957	13398	LU	BBB
20080216	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930701	19941025	0	0	NR	XXX
19941026	20080218	80957	13398	LC	BBB
20080219	20100209	0	0	NR	XXX
20100210	99999999	80957	13398	LC	BBB

**CAPITAL GOLD CORP (GVKEY 12782)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840319	19920501	49016	6930	LC	BBB
19920502	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840319	19920501	49016	6930	LC	BBB
19920502	20100201	0	0	NR	XXX
20100202	99999999	49016	6930	LC	BBB

**CITADEL BROADCASTING CORP (GVKEY 149089)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20030731	0	0	NR	XXX
20030801	99999999	89806	44267	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20030731	0	0	NR	XXX
20030801	20090305	89806	44267	LC	BBB
20090306	99999999	0	0	NR	XXX

**DERMA SCIENCES INC (GVKEY 030205)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940512	0	0	NU	XXX
19940513	20001003	80524	13073	LU	BBB
20001004	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930101	19940512	0	0	NR	XXX
19940513	20001003	80524	13073	LC	BBB
20001004	20100209	0	0	NR	XXX
20100210	99999999	80524	13073	LC	BBB

**DNA MEDICAL (GVKEY 003701)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810401	19811025	0	0	NR	XXX
19811026	19870930	28223	5137	LU	BBB
19871001	19871231	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810401	19811025	0	0	NR	XXX
19811026	19870921	28223	5137	LC	BBB
19870922	19871231	0	0	NR	XXX

**GENERAL GROWTH PPTYS INC (GVKEY 028119)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930407	0	0	NU	XXX
19930408	99999999	79129	29807	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930407	0	0	NR	XXX
19930408	20090415	79129	29807	LC	BBB
20090416	99999999	0	0	NR	XXX

**GOLDEN GOOSE RESOURCE (GVKEY 012506)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
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19820101	19840628	0	0	NU	XXX
19850131	19900430	78480	26197	LC	BBB
19900501	99999999	0	0	NR	XXX
19840629	19850130	78480	26197	LX	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19830509	0	0	NR	XXX
19830510	19840628	78480	26197	LN	BBB
19850131	19900430	78480	26197	LC	BBB
19900501	99999999	0	0	NR	XXX
19840629	19850130	78480	26197	LX	BBB
20100201	99999999	0	0	NR	XXX

**POSTROCK ENERGY CORP (GVKEY 20217)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860601	19900928	0	0	NU	XXX
19990730	99999999	76465	10462	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860601	20060410	0	0	NR	XXX
20060411	99999999	76465	10462	LC	BBB

**REGENT COMMUNICATIONS INC (GVKEY 111974)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000124	0	0	NR	XXX
20000125	99999999	87564	17862	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000124	0	0	NR	XXX
20000125	20100107	87564	17862	LC	BBB
20100108	99999999	0	0	NR	XXX

**TOWERS WATSON & CO (GVKEY 029887)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920701	20001010	0	0	NR	XXX
20001011	20091231	88681	40158	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920701	20001010	0	0	NR	XXX
20001011	20091231	88681	40158	LC	BBB
20100101	99999999	93223	53326	LC	BBB

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**MARVEL ENTERTAINMENT INC (GVKEY 31554)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19950222	0	0	NU	XXX
19950223	20091231	81293	30853	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19950222	0	0	NR	XXX
19950223	20091231	81293	30853	LC	BBB

**AFFILIATED COMPUTER SERVICES (GVKEY 30697)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930701	19940926	0	0	NU	XXX
19940927	99999999	80913	13331	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930701	19940926	0	0	NR	XXX
19940927	99999999	80913	13331	LC	BBB

**AMEN PROPERTIES INC (GVKEY 65464)**

OLD:

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

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970923	0	0	NR	XXX
19970924	20090305	85354	15709	LC	BBB
20090306	99999999	0	0	NR	XXX



**CHINA CERAMICS CO LTD (GVKEY 178906)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20071129	0	0	NU	XXX
20071217	99999999	92475	52826	LC	BBB
20071130	20071216	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20071129	0	0	NR	XXX
20071217	20091228	92475	52826	LC	BBB
20100101	20071216	0	0	NR	XXX

**IMPERIAL INDUSTRIES INC (GVKEY 5899)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670101	19721213	0	0	NR	XXX
19721214	99999999	57015	25549	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670101	19721213	0	0	NR	XXX
19721214	19861012	57015	25549	LC	BBB
19861013	20050501	0	0	NR	XXX
20050502	20100126	57015	25549	LC	BBB
20100127	99999999	0	0	NR	XXX

**KAR AUCTION SERVICES INC (GVKEY 183581)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070731	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20091210	0	0	NR	XXX
20091211	99999999	93174	53300	LC	BBB

**LEADING BRANDS INC (GVKEY 27971)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930802	99999999	79474	12319	LU	BBB
19880930	19930801	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930331	19930801	0	0	NR	XXX
19930802	99999999	79474	12319	LC	BBB
19880930	19930330	0	0	NR	XXX

**LIBBEY INC (GVKEY 28462)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930617	0	0	NR	XXX
19930618	20090417	79336	29883	LC	BBB
20090418	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930617	0	0	NR	XXX
19930618	20090419	79336	29883	LC	BBB
20090420	20100103	0	0	NR	XXX
20100104	99999999	79336	29883	LC	BBB

**NEWS CORP (GVKEY 12886)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850701	19870330	0	0	NR	XXX
19870331	20041102	69593	21287	LC	BBB
20041103	20041111	0	0	NR	XXX
20041112	20041130	90442	21287	LC	BBB
20041201	99999999	90441	21287	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19850701	19860519	0	0	NR	XXX
19860520	19870330	69593	21287	LN	BBB
19870331	20041102	69593	21287	LC	BBB
20041103	20041111	0	0	NR	XXX
20041112	20041130	90442	21287	LC	BBB
20041201	99999999	90441	21287	LC	BBB

**PERPETUAL FEDERAL SAVINGS BK (GVKEY 25333)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19931001	19940330	0	0	NR	XXX
19940331	19960930	0	0	NU	XXX
19961001	20011116	84116	15003	LU	BBB
20011117	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19931001	99999999	0	0	NR	XXX

**SOUTHBANC SHARES INC (GVKEY 64023)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930331	19960930	0	0	NU	XXX
19961001	20011130	84116	15003	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19930331	19980414	0	0	NR	XXX
19980415	20011116	84116	15003	LC	BBB

**SOUTHERN HOSPITALITY (GVKEY 9856)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790601	19920430	71539	4101	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790601	19800131	0	0	NR	XXX
19800201	19880809	71539	4101	LC	BBB
19880810	19890810	0	0	NR	XXX
19890811	19920421	71539	4101	LC	BBB

**STOCKERYALE INC (GVKEY 30209)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19960128	0	0	NR	XXX
19960129	99999999	82846	14318	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940101	19960128	0	0	NR	XXX
19960129	19990620	82846	14318	LC	BBB
19990621	20000515	0	0	NR	XXX
20000516	20090424	82846	14318	LC	BBB
20090425	99999999	0	0	NR	XXX

**SUN MICROSYSTEMS INC (GVKEY 12136)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840701	19860303	0	0	NU	XXX
19860304	99999999	10078	8021	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840701	19860303	0	0	NR	XXX
19860304	20100129	10078	8021	LC	BBB

**TLC VISION CORP (GVKEY 62465)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940601	19960328	0	0	NU	XXX
19970702	99999999	85192	15570	LU	BBB
19960329	19970701	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940601	19960328	0	0	NR	XXX
19970702	20091224	85192	15570	LC	BBB
20091225	19970701	0	0	NR	XXX

**TOWERS WATSON & CO (GVKEY 29887)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920701	20001010	0	0	NR	XXX
20001011	99999999	88681	40158	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920701	20001010	0	0	NR	XXX
20001011	20091231	88681	40158	LC	BBB

**VDC COMMUNICATIONS INC-OLD (GVKEY 13464)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19860130	76873	6345	LC	BBB
19860131	19990226	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19860101	19971125	76873	6345	LD	BBB
19971126	19980707	0	0	NR	XXX
19980708	19990226	76873	6345	LD	BBB