

### ABOUT THE AUGUST 2009 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is August 6, 2009.

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

- **CPZ200908** – the legacy CST format database
- **CMZ200908** – the new CCM format database using Compustat’s Xpressfeed delivery.

Beginning with this August shipment, all CRSP/Compustat Merged Database media will be 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
<b>Source</b>	<i>Compustat Xpressfeed</i>	<i>Compustat Legacy</i>
Volume Label	CMZyyyyymm	CPZyyyyymm
Size	6.2 Gb	2.4 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	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 200908	
Number of CRSP Securities	24084
Number of GVKEYS	34143
Number of Links	64246
Database Size	2.45 GB

NEW CMZ 200908	
Total Compustat Records	38406
Total GVKEY Companies	36208
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	42686
Total CRSP Securities Linked	24306
Total GVKEYs in Link	35138
Total Link Records	80446
Total Link Records with a Link to CRSP	28410
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	19251231-20090807	1-22176
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	19260102-20090807	1-4362

## NEW ITEM ADDED

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

NEW ITEM MNEMONIC	NEW ITEM NAME	KEYSET, TAG, DESCRIPTION
GPLBL_DC	Group Premiums – Life (Business Line) Data Code	4, FS, Financial Services Format, Consolidated Information, 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 11.

### 174870 (GVKEY EBAY GMARKET CO LTD)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20060628	0	0	00X	NR	C
20060629	99999999	91352	50858	90	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20060628	0	0	00X	NR	C
20060629	20090615	91352	50858	90	LC	P
20090616	99999999	0	0	90	NR	P

**ALLEGHENY & WESTERN ENERGY (GVKEY 11702)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840701	19850130	11835	163	00X	LN	C
19850131	19950622	11835	163	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840701	19850130	0	0	00X	NR	C
19850131	19950622	11835	163	01	LC	P

**ALLEGHENY & WESTERN ENER-OLD (GVKEY 1275)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19810630	0	0	00X	NR	C
19810701	19820128	11835	163	00X	LN	C
19820129	19851231	11835	163	01	LD	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19810630	0	0	00X	NR	C
19810701	19820128	11835	163	00X	LN	C
19820129	19850130	11835	163	01	LC	P
19850131	19851129	11835	163	01	LD	P
19851130	19851231	0	0	01	NR	P

**ASM INTERNATIONAL NV (GVKEY 1166)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19810511	0	0	00X	NU	C
19810512	99999999	11077	374	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810101	19810511	0	0	00X	NR	C
19810512	99999999	11077	374	01	LC	P

**BIOCLINICA INC (GVKEY 25396)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19901001	19920617	0	0	00X	NR	C
19920618	99999999	77683	11582	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19901001	19920617	0	0	00X	NR	C
19920618	19990303	77683	11582	01	LC	P
19990304	20030224	0	0	01	NR	P
20030225	20090731	77683	11582	01	LC	P

**BIOPURE CORP (GVKEY 122315)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19961101	19990729	0	0	00X	NU	C
19990730	99999999	87057	16691	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19961101	19990729	0	0	00X	NR	C
19990730	20090721	87057	16691	01	LC	P
20090722	99999999	0	0	01	NR	P

**CERIDIAN CORP (GVKEY 3480)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19590701	19620130	0	0	00X	NR	C
19620131	19630305	0	0	01	NU	P
19630306	20071130	38914	20514	01	LU	P
20071201	20071231	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19590701	19620130	0	0	00X	NR	C
19620131	19630305	0	0	01	NR	P
19630306	20071108	38914	20514	01	LC	P
20071109	99999999	0	0	99X	NR	C

**CHINA EDUCATION ALLIANCE INC (GVKEY 160471)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040528	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040528	20090719	0	0	01	NR	P
20090720	99999999	92970	53176	01	LC	P

**DEER CONSUMER PRODUCTS INC (GVKEY 177465)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070629	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20090716	0	0	00X	NR	C
20090717	99999999	92982	53183	01	LC	P

**DIREXION DAILY FINL BEAR 3X (GVKEY 181650)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081128	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20081127	0	0	00X	NR	C
20081128	20090708	0	0	01	NR	P
20090709	99999999	92813	53101	01	LS	P

**DOWNEY FINANCIAL CORP (GVKEY 4065)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790101	19790130	54279	20598	00X	LU	C
19790131	20081231	54279	20598	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790101	19790130	54279	20598	00X	LC	C
19790131	20081124	54279	20598	01	LC	P
20081125	99999999	0	0	01	NR	P

**DYNASTY GAMING INC (GVKEY 148437)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020430	20071031	0	0	01C	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090731	99999999	0	0	01	NR	C
20020430	20090331	0	0	01C	NR	C

**ELECTROGLAS INC (GVKEY 28502)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930624	0	0	00X	NU	C
19930625	99999999	79262	12234	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930624	0	0	00X	NR	C
19930625	20090320	79262	12234	01	LC	P
20090321	99999999	0	0	01	NR	P

**EVOLVING SYSTEMS INC (GVKEY 110529)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980511	0	0	00X	NU	C
19980512	99999999	86062	16101	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980511	0	0	00X	NR	C
19980512	99999999	86062	16101	01	LC	P

**GENERAL MOTORS CORP (GVKEY 5073)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	12079	20799	00X	LC	C
19620131	99999999	12079	20799	01	LC	P
19980430	99999999	12079	20799	01C	LX	J
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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	12079	20799	00X	LC	C
19620131	20090601	12079	20799	01	LC	P
20090602	99999999	0	0	01	NR	P
19980430	20080731	12079	20799	01C	LX	J
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

**GENTA INC (GVKEY 24781)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19911216	0	0	00X	NU	C
19911217	99999999	77180	11260	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19911216	0	0	00X	NR	C
19911217	20080505	77180	11260	01	LC	P
20080506	99999999	0	0	01	NR	P

**GOLDEN MINERALS CO (GVKEY 65921)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19971124	0	0	00X	NU	C
19971125	20090331	85633	32169	01	LU	P

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	99999999	0	0	02	NR	P
20090731	99999999	0	0	02C	NR	N

**INUVO INC (GVKEY 23226)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19901031	20050302	0	0	01	NU	P
20050303	99999999	90608	46418	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19901031	20050302	0	0	01	NR	P
20050303	20090731	90608	46418	01	LC	P

**LOGMEIN INC -REDH (GVKEY 179666)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20071231	0	0	00X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20090630	0	0	00X	NR	C
20090701	99999999	92984	53185	01	LC	P

**MADECO SA (GVKEY 28334)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930527	0	0	00X	NR	C
19930528	99999999	79234	29847	90	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19920101	19930527	0	0	00X	NR	C
19930528	20090724	79234	29847	90	LC	P

**MAHALO ENERGY LTD (GVKEY 164733)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20050728	0	0	00X	NR	C
20050729	20090531	0	0	01C	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20050728	0	0	00X	NR	C
20090731	99999999	0	0	01	NR	C
20050729	20090531	0	0	01C	NR	P

**OCWEN FINANCIAL CORP (GVKEY 063639)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19960924	0	0	00X	NU	C
19960925	99999999	84007	14969	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19960924	0	0	00X	NR	C
19960925	99999999	84007	14969	01	LC	P



**PRIMUS TELECOMM GROUP INC (GVKEY 63952)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19961106	0	0	00X	NU	C
19961107	20060727	84247	15120	01	LU	P
20060728	20090630	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19961106	0	0	00X	NR	C
19961107	20060727	84247	15120	01	LC	P
20060728	20090630	0	0	01	NR	P
20090701	20090730	0	0	01	NR	C
20090731	99999999	0	0	01	NR	N
20090731	99999999	0	0	05	NR	P

**QUEPASA CORP (GVKEY 121662)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19990623	0	0	00X	NR	C
19990624	99999999	86989	16606	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970101	19990623	0	0	00X	NR	C
19990624	20001225	86989	16606	01	LC	P
20001226	20061023	0	0	01	NR	P
20061024	20090612	86989	16606	01	LC	P
20090613	99999999	0	0	01	NR	P

**RINO INTERNATIONAL CORP (GVKEY 177659)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070928	20080613	0	0	01	NU	P
20080614	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20070927	0	0	00X	NR	C
20070928	20090712	0	0	01	NR	P
20090713	99999999	79365	12287	01	LC	P

**SPECTRUM BRANDS INC (GVKEY 65459)**

OLD:

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

NEW:

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

**UNION GAS LTD (GVKEY 10862)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510401	19620130	0	0	00X	NU	C
19620131	19620701	0	0	01	NU	P
19620702	19790227	37540	24241	01	LU	P
19790228	19831230	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510401	19620130	0	0	00X	NR	C
19620131	19620701	0	0	01	NR	P
19620702	19790227	37540	24241	01	LC	P
19790228	19831230	0	0	01	NR	P
19810130	19831231	0	0	01C	NR	N
19840101	19841231	0	0	01C	NR	C
19850101	99999999	0	0	99X	NR	C

# CST LINK HISTORY

## 174870 (GVKEY EBAY GMARKET CO LTD)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20060628	0	0	NR	XXX
20060629	99999999	91352	50858	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20060628	0	0	NR	XXX
20060629	20090615	91352	50858	LC	BBB
20090616	99999999	0	0	NR	XXX

## ALLEGHENY & WESTERN ENERGY (GVKEY 11702)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840701	19850130	11835	163	LN	BBB
19850131	19950622	11835	163	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19840701	19850130	0	0	NR	XXX
19850131	19950622	11835	163	LC	BBB

## ALLEGHENY & WESTERN ENER-OLD (GVKEY 1275)

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810101	19810630	0	0	NR	XXX
19810701	19820128	11835	163	LN	BBB
19820129	19851231	11835	163	LD	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810101	19810630	0	0	NR	XXX
19810701	19820128	11835	163	LN	BBB
19820129	19850130	11835	163	LC	BBB
19850131	19851129	11835	163	LD	BBB
19851130	19851231	0	0	NR	XXX

**ASM INTERNATIONAL NV (GVKEY 1166)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810101	19810511	0	0	NU	XXX
19810512	99999999	11077	374	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19810101	19810511	0	0	NR	XXX
19810512	99999999	11077	374	LC	BBB

**BIOCLINICA INC (GVKEY 25396)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19901001	19920617	0	0	NR	XXX
19920618	99999999	77683	11582	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19901001	19920617	0	0	NR	XXX
19920618	19990303	77683	11582	LC	BBB
19990304	20030224	0	0	NR	XXX
20030225	20090731	77683	11582	LC	BBB

**BIOPURE CORP (GVKEY 122315)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19961101	19990729	0	0	NU	XXX
19990730	99999999	87057	16691	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19961101	19990729	0	0	NR	XXX
19990730	20090721	87057	16691	LC	BBB
20090722	99999999	0	0	NR	XXX

**CERIDIAN CORP (GVKEY 3480)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19590701	19620130	0	0	NR	XXX
19620131	19630305	0	0	NU	XXX
19630306	20071130	38914	20514	LU	BBB
20071201	20071231	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19590701	19630305	0	0	NR	XXX
19630306	20071108	38914	20514	LC	BBB
20071109	99999999	0	0	NR	XXX

**CHINA EDUCATION ALLIANCE INC (GVKEY 160471)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040528	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040528	20090719	0	0	NR	XXX
20090720	99999999	92970	53176	LC	BBB

**DEER CONSUMER PRODUCTS INC (GVKEY 177465)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070629	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20090716	0	0	NR	XXX
20090717	99999999	92982	53183	LC	BBB

**DIREXION DAILY FINL BEAR 3X (GVKEY 181650)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20081128	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080101	20090708	0	0	NR	XXX
20090709	99999999	92813	53101	LS	BBB

**DOWNEY FINANCIAL CORP (GVKEY 4065)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790101	20081231	54279	20598	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19790101	20081124	54279	20598	LC	BBB
20081125	99999999	0	0	NR	XXX

**DYNASTY GAMING INC (GVKEY 148437)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020430	20071031	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20090731	20090331	0	0	NR	XXX

**ELECTROGLAS INC (GVKEY 28502)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930624	0	0	NU	XXX
19930625	99999999	79262	12234	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930624	0	0	NR	XXX
19930625	20090320	79262	12234	LC	BBB
20090321	99999999	0	0	NR	XXX

**EVOLVING SYSTEMS INC (GVKEY 110529)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19980511	0	0	NU	XXX
19980512	99999999	86062	16101	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19980511	0	0	NR	XXX
19980512	99999999	86062	16101	LC	BBB

**GENERAL MOTORS CORP (GVKEY 5073)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	99999999	12079	20799	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19500101	20090601	12079	20799	LC	BBB
20090602	99999999	0	0	NR	XXX

**GENTA INC (GVKEY 24781)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900101	19911216	0	0	NU	XXX
19911217	99999999	77180	11260	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19900101	19911216	0	0	NR	XXX
19911217	20080505	77180	11260	LC	BBB
20080506	99999999	0	0	NR	XXX

**GOLDEN MINERALS CO (GVKEY 65921)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19971124	0	0	NU	XXX
19971125	20090331	85633	32169	LU	BBB

NEW:

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

**INUVO INC (GVKEY 23226)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19901031	20050302	0	0	NU	XXX
20050303	99999999	90608	46418	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19901031	20050302	0	0	NR	XXX
20050303	20090731	90608	46418	LC	BBB

**LOGMEIN INC -REDH (GVKEY 179666)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20060101	20071231	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20090630	0	0	NR	XXX
20090701	99999999	92984	53185	LC	BBB

**MADECO SA (GVKEY 28334)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930527	0	0	NR	XXX
19930528	99999999	79234	29847	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19920101	19930527	0	0	NR	XXX
19930528	20090724	79234	29847	LC	BBB

**MAHALO ENERGY LTD (GVKEY 164733)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20090531	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20090531	0	0	NR	XXX

**OCWEN FINANCIAL CORP (GVKEY 063639)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19960924	0	0	NU	XXX
19960925	99999999	84007	14969	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960101	19960924	0	0	NR	XXX
19960925	99999999	84007	14969	LC	BBB



**PRIMUS TELECOMM GROUP INC (GVKEY 63952)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19961106	0	0	NU	XXX
19961107	20060727	84247	15120	LU	BBB
20060728	20090630	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19961106	0	0	NR	XXX
19961107	20060727	84247	15120	LC	BBB
20060728	99999999	0	0	NR	XXX

**QUEPASA CORP (GVKEY 121662)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19990623	0	0	NR	XXX
19990624	99999999	86989	16606	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19970101	19990623	0	0	NR	XXX
19990624	20001225	86989	16606	LC	BBB
20001226	20061023	0	0	NR	XXX
20061024	20090612	86989	16606	LC	BBB
20090613	99999999	0	0	NR	XXX

**RINO INTERNATIONAL CORP (GVKEY 177659)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070928	20080613	0	0	NU	XXX
20080614	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20090712	0	0	NR	XXX
20090713	99999999	79365	12287	LC	BBB

**SPECTRUM BRANDS INC (GVKEY 65459)**

OLD:

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

NEW:

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

**UNION GAS LTD (GVKEY 10862)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510401	19620701	0	0	NU	XXX
19620702	19790227	37540	24241	LU	BBB
19790228	19831230	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510401	19620701	0	0	NR	XXX
19620702	19790227	37540	24241	LC	BBB
19790228	99999999	0	0	NR	XXX