

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

The cut date for these release notes is October 11, 2009.

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

- CPZ200910 – the legacy CST format database
- CMZ200910 – 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
<b>Source</b>	<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	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 200910	
Number of CRSP Securities	24128
Number of GVKEYS	34270
Number of Links	64387
Database Size	2.48 GB

NEW CMZ 200910	
Total Compustat Records	38641
Total GVKEY Companies	36443
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	43002
Total CRSP Securities Linked	24353
Total GVKEYs in Link	35310
Total Link Records	80707
Total Link Records with a Link to CRSP	28545
Database Size	6.59 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	19251231-20091009	1-22200
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	19260102-20091009	1-4367

## 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 12.

### 1ST UNITED BANCORP INC (GVKEY 179586)

OLD:

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

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080331	20090917	0	0	01	NR	P
20090918	99999999	93040	53220	01	LC	P

### AIRSPAN NETWORKS INC (GVKEY 137861)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20000719	0	0	00X	NR	C
20000720	99999999	88419	37915	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	20000719	0	0	00X	NR	C
20000720	20090409	88419	37915	01	LC	P
20090410	99999999	0	0	01	NR	P

**AMERICAN LORAIN CORP (GVKEY 160196)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20051230	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20051229	0	0	00X	NR	C
20051230	20090907	0	0	01	NR	P
20090908	99999999	93012	53203	01	LC	P

**APCO OIL AND GAS INTL INC (GVKEY 1682)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19850627	0	0	00X	NU	C
19850628	99999999	78231	26215	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820101	19821031	0	0	00X	NR	C
19850628	99999999	78231	26215	01	LC	P

**ARLINGTON ASSET INVESTMENT (GVKEY 066085)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971222	0	0	00X	NR	C
19971223	20090612	85653	32183	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19971222	0	0	00X	NR	C
19971223	99999999	85653	32183	01	LC	P

**AURORA OIL & GAS CORP (GVKEY 61645)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19951229	20060523	0	0	01	NU	P
20060524	99999999	91211	50690	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19951229	20060523	0	0	01	NR	P
20060524	20090508	91211	50690	01	LC	P
20090509	99999999	0	0	01	NR	P

**CAREFUSION CORP (GVKEY 183257)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090831	99999999	92988	53189	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20030701	20090831	0	0	00X	NR	C
20090901	99999999	92988	53189	01	LC	P

**CHIEF CONSOLIDATED MINING CO (GVKEY 3002)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19740101	19790130	0	0	00X	NR	C
19790131	20021111	30517	8873	01	LU	C
20021112	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19740101	19790130	0	0	00X	NR	C
19790131	20050610	30517	8873	01	LC	C
20050611	99999999	0	0	01	NR	C

**CHINA AGRITECH INC (GVKEY 164126)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050228	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050228	20090920	0	0	01	NR	P
20090921	99999999	93038	53218	01	LC	P

**CHINA PHARMA HOLDINGS INC (GVKEY 148239)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020430	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020430	20090929	0	0	01	NR	P
20090930	99999999	93016	53207	01	LC	P

### CINERGY CORP (GVKEY 30865)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	22947	20449	00X	LC	C
19620131	20060331	22947	20449	01	LC	P
20060401	20060428	0	0	99X	NR	C

NEW:

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

### CUISINE SOLUTIONS INC (GVKEY 11172)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820701	19840222	0	0	00X	NR	C
19840223	99999999	80785	6872	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820701	19840222	0	0	00X	NR	C
19840223	20090909	80785	6872	01	LC	P
20090910	99999999	0	0	01	NR	P

### DOLLAR GENERAL CORP (GVKEY 4016)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670101	19681230	0	0	00X	NR	C
19681231	19721213	0	0	01	NU	P
19721214	20070731	30382	1354	01	LU	P
20070801	20070831	0	0	99X	NU	C

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NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19670101	19681230	0	0	00X	NR	C
19681231	19721213	0	0	01	NR	P
19721214	20070706	30382	1354	01	LC	P
20070707	20070831	0	0	99X	NR	C

**EDUCATION MANAGEMENT CORP (GVKEY 63907)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19961030	0	0	00X	NU	C
19961031	20060630	84075	15098	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19961030	0	0	00X	NR	C
19961031	20060601	84075	15098	01	LC	P

**GENERAL DYNAMICS CORP (GVKEY 5046)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19540101	19620130	12052	20791	00X	LC	C
19620131	99999999	12052	20791	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19540101	19620127	12052	20791	00X	LC	C
19620128	99999999	12052	20791	01	LC	P

**HIGHVELD STEEL & VANADIUM (GVKEY 102412)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820129	99999999	41930	5142	90	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820129	20090731	41930	5142	90	LC	P
20090801	99999999	0	0	99X	NR	C

**HUDSON VALLEY HOLDING CORP (GVKEY 62766)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960531	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960531	20090920	0	0	01	NR	P
20090921	99999999	93043	53222	01	LC	P

**INTEGRATED BIOPHARMA INC (GVKEY 61880)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19960228	0	0	00X	NU	C
19960229	19961029	0	0	01	NU	P
19961030	99999999	84067	15094	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19960228	0	0	00X	NR	C
19960229	19961029	0	0	01	NR	P
19961030	20090226	84067	15094	01	LC	P
20090227	99999999	0	0	01	NR	P

**KOBEX MINERALS INC (GVKEY 106897)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021129	20050705	0	0	01	NU	P
20050706	99999999	90785	46995	01	LU	P
19880930	20021128	0	0	01C	NU	C
20021129	20050705	0	0	01C	NU	N
20050706	99999999	90785	46995	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20021129	20050705	0	0	01	NR	P
20050706	99999999	90785	46995	01	LC	P
19880930	20021128	0	0	01C	NR	C
20021129	20050705	0	0	01C	NR	N
20050706	99999999	90785	46995	01C	LX	N

**NORTH AMERICAN PALLADIUM (GVKEY 6930)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19680101	19820128	0	0	00X	NU	C
19931122	99999999	79853	12603	01	LU	C
19820129	19931121	0	0	01C	NU	C
19931122	99999999	79853	12603	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19680101	19820128	0	0	00X	NR	C
19931122	99999999	79853	12603	01	LC	C
19820129	19931121	0	0	01C	NR	C
19931122	99999999	79853	12603	01C	LX	N

**PERFUMANIA HOLDINGS INC (GVKEY 24776)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910201	19911218	0	0	00X	NU	C
19911219	99999999	77186	11266	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910201	19911218	0	0	00X	NR	C
19911219	99999999	77186	11266	01	LC	P

**PUDA COAL INC (GVKEY 156095)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050729	99999999	0	0	01	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20050728	0	0	00X	NR	C
20050729	20090921	0	0	01	NR	P
20090922	99999999	93030	53212	01	LC	P

**RAILAMERICA INC (GVKEY 25921)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19921108	0	0	00X	NU	C
19921109	20070228	78065	11792	01	LU	P



NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19910101	19921108	0	0	00X	NR	C
19921109	20070214	78065	11792	01	LC	P

**RAPTOR PHARMACEUTICALS CORP (GVKEY 161088)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20041130	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20041130	20090929	0	0	01	NR	C
20090930	99999999	88148	37144	01	LC	C

**RESOLUTE ENERGY PARTNRS-REDH (GVKEY 179782)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20070928	0	0	00X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20090927	0	0	00X	NR	C
20090928	99999999	93031	53213	01	LC	P

**RIT TECHNOLOGIES LTD (GVKEY 65130)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970721	0	0	00X	NU	C
19970722	99999999	85206	15601	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19970721	0	0	00X	NR	C
19970722	99999999	85206	15601	01	LC	P

**SANTOS LTD (GVKEY 100165)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820129	99999999	68815	4290	90	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19820129	20090730	68815	4290	90	LC	P
20090731	99999999	0	0	90	NR	P

**SELECTRONICS INC-OLD (GVKEY 13833)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830401	19870915	0	0	00X	NR	C
19870916	19900131	11680	9504	01	LD	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19830401	19870915	0	0	00X	NR	C
19870916	19900131	11680	9504	01	LC	P

**SMF ENERGY CORP (GVKEY 64130)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950201	19961211	0	0	00X	NU	C
19961212	99999999	84311	15220	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950201	19961211	0	0	00X	NR	C
19961212	99999999	84311	15220	01	LC	P

**TRIPLE CROWN MEDIA INC (GVKEY 165744)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20051229	0	0	00X	NU	C
20051230	20060102	0	0	01	NU	P
20060103	99999999	91031	50006	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20020101	20051229	0	0	00X	NR	C
20051230	20060102	0	0	01	NR	P
20060103	20080724	91031	50006	01	LC	P
20080725	99999999	0	0	99X	NR	C

**VELOCITY EXPRESS CORP (GVKEY 22177)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940701	19950730	0	0	00X	NR	C
19950731	19960528	0	0	01	NR	P
19960529	99999999	83566	14670	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940701	19950730	0	0	00X	NR	C
19950731	19960528	0	0	01	NR	P
19960529	20090804	83566	14670	01	LC	P
20090805	99999999	0	0	01	NR	P

**VITACOST.COM INC-REDH (GVKEY 179818)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050101	20070629	0	0	00X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20090923	0	0	00X	NR	C
20090924	99999999	93047	53225	01	LC	P

**WESTERN LIBERTY BANCORP (GVKEY 178937)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NU	C
20071228	99999999	92481	52835	01	LC	P
20071130	20071130	0	0	02	NU	P
20071201	20071227	0	0	02	NU	C
20071228	99999999	0	0	02	NU	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20071129	0	0	00X	NR	C
20071228	99999999	92481	52835	01	LC	P
20071130	20071130	0	0	02	NR	P
20071201	20071227	0	0	02	NR	C
20071228	99999999	0	0	02	NR	N

**YONGYE INTERNATIONAL INC (GVKEY 178003)**

OLD:

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

NEW:

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

**CST LINK HISTORY****1ST UNITED BANCORP INC (GVKEY 179586)**

OLD:

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

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20080331	20090917	0	0	NR	XXX
20090918	99999999	93040	53220	LC	BBB

**AIRSPAN NETWORKS INC (GVKEY 137861)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000719	0	0	NR	XXX
20000720	99999999	88419	37915	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19980101	20000719	0	0	NR	XXX
20000720	20090409	88419	37915	LC	BBB
20090410	99999999	0	0	NR	XXX

**AMERICAN LORAIN CORP (GVKEY 160196)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20051230	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20090907	0	0	NR	XXX
20090908	99999999	93012	53203	LC	BBB

**APCO OIL AND GAS INTL INC (GVKEY 1682)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19850627	0	0	NU	XXX
19850628	99999999	78231	26215	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820101	19821031	0	0	NR	XXX
19850628	99999999	78231	26215	LC	BBB

**ARLINGTON ASSET INVESTMENT (GVKEY 066085)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971222	0	0	NR	XXX
19971223	20090612	85653	32183	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19971222	0	0	NR	XXX
19971223	99999999	85653	32183	LC	BBB

**AURORA OIL & GAS CORP (GVKEY 61645)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19951229	20060523	0	0	NU	XXX
20060524	99999999	91211	50690	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19951229	20060523	0	0	NR	XXX
20060524	20090508	91211	50690	LC	BBB
20090509	99999999	0	0	NR	XXX

**CAREFUSION CORP (GVKEY 183257)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20090831	99999999	92988	53189	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20030701	20090831	0	0	NR	XXX
20090901	99999999	92988	53189	LC	BBB

**CHIEF CONSOLIDATED MINING CO (GVKEY 3002)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19740101	19790130	0	0	NR	XXX
19790131	20021111	30517	8873	LU	BBB
20021112	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19740101	19790130	0	0	NR	XXX
19790131	20050610	30517	8873	LC	BBB
20050611	99999999	0	0	NR	XXX

**CHINA AGRITECH INC (GVKEY 164126)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050228	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050228	20090920	0	0	NR	XXX
20090921	99999999	93038	53218	LC	BBB

**CHINA PHARMA HOLDINGS INC (GVKEY 148239)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020430	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020430	20090929	0	0	NR	XXX
20090930	99999999	93016	53207	LC	BBB

**CINERGY CORP (GVKEY 30865)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	20060331	22947	20449	LC	BBB
20060401	20060428	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19510101	20060331	22947	20449	LC	BBB
20060401	99999999	0	0	NR	XXX

**CUISINE SOLUTIONS INC (GVKEY 11172)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820701	19840222	0	0	NR	XXX
19840223	99999999	80785	6872	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820701	19840222	0	0	NR	XXX
19840223	20090909	80785	6872	LC	BBB
20090910	99999999	0	0	NR	XXX

**DOLLAR GENERAL CORP (GVKEY 4016)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670101	19681230	0	0	NR	XXX
19681231	19721213	0	0	NU	XXX
19721214	20070731	30382	1354	LU	BBB
20070801	20070831	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19670101	19721213	0	0	NR	XXX
19721214	20070706	30382	1354	LC	BBB
20070707	20070831	0	0	NR	XXX

**EDUCATION MANAGEMENT CORP (GVKEY 63907)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961030	0	0	NU	XXX
19961031	20060630	84075	15098	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961030	0	0	NR	XXX
19961031	20060601	84075	15098	LC	BBB

**GENERAL DYNAMICS CORP (GVKEY 5046)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19540101	99999999	12052	20791	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19540101	99999999	12052	20791	LC	BBB

**HIGHVELD STEEL & VANADIUM (GVKEY 102412)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820129	99999999	41930	5142	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820129	20090731	41930	5142	LC	BBB
20090801	99999999	0	0	NR	XXX

**HUDSON VALLEY HOLDING CORP (GVKEY 62766)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960531	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19960531	20090920	0	0	NR	XXX
20090921	99999999	93043	53222	LC	BBB

**INTEGRATED BIOPHARMA INC (GVKEY 61880)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961029	0	0	NU	XXX
19961030	99999999	84067	15094	LU	BBB



NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950701	19961029	0	0	NR	XXX
19961030	20090226	84067	15094	LC	BBB
20090227	99999999	0	0	NR	XXX

**KOBEX MINERALS INC (GVKEY 106897)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021129	20050705	0	0	NU	XXX
20050706	99999999	90785	46995	LU	BBB
19880930	20021128	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20021129	20050705	0	0	NR	XXX
20050706	99999999	90785	46995	LC	BBB
19880930	20021128	0	0	NR	XXX

**NORTH AMERICAN PALLADIUM (GVKEY 6930)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19680101	19820128	0	0	NU	XXX
19931122	99999999	79853	12603	LU	BBB
19820129	19931121	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19680101	19820128	0	0	NR	XXX
19931122	99999999	79853	12603	LC	BBB
19820129	19931121	0	0	NR	XXX

**PERFUMANIA HOLDINGS INC (GVKEY 24776)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910201	19911218	0	0	NU	XXX
19911219	99999999	77186	11266	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910201	19911218	0	0	NR	XXX
19911219	99999999	77186	11266	LC	BBB

**PUDA COAL INC (GVKEY 156095)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050729	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20090921	0	0	NR	XXX
20090922	99999999	93030	53212	LC	BBB

**RAILAMERICA INC (GVKEY 25921)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19921108	0	0	NU	XXX
19921109	20070228	78065	11792	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19910101	19921108	0	0	NR	XXX
19921109	20070214	78065	11792	LC	BBB

**RAPTOR PHARMACEUTICALS CORP (GVKEY 161088)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20041130	99999999	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20041130	20090929	0	0	NR	XXX
20090930	99999999	88148	37144	LC	BBB

**RESOLUTE ENERGY PARTNRS-REDH (GVKEY 179782)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20070928	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20090927	0	0	NR	XXX
20090928	99999999	93031	53213	LC	BBB

**RIT TECHNOLOGIES LTD (GVKEY 65130)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970721	0	0	NU	XXX
19970722	99999999	85206	15601	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950101	19970721	0	0	NR	XXX
19970722	99999999	85206	15601	LC	BBB

**SANTOS LTD (GVKEY 100165)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820129	99999999	68815	4290	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19820129	20090730	68815	4290	LC	BBB
20090731	99999999	0	0	NR	XXX

**SELECTRONICS INC-OLD (GVKEY 13833)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830401	19870915	0	0	NR	XXX
19870916	19900131	11680	9504	LD	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19830401	19870915	0	0	NR	XXX
19870916	19900131	11680	9504	LC	BBB

**SMF ENERGY CORP (GVKEY 64130)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950201	19961211	0	0	NU	XXX
19961212	99999999	84311	15220	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19950201	19961211	0	0	NR	XXX
19961212	99999999	84311	15220	LC	BBB

**TRIPLE CROWN MEDIA INC (GVKEY 165744)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20060102	0	0	NU	XXX
20060103	99999999	91031	50006	LU	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20020101	20060102	0	0	NR	XXX
20060103	20080724	91031	50006	LC	BBB
20080725	99999999	0	0	NR	XXX

**VELOCITY EXPRESS CORP (GVKEY 22177)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940701	19960528	0	0	NR	XXX
19960529	99999999	83566	14670	LC	BBB

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
19940701	19960528	0	0	NR	XXX
19960529	20090804	83566	14670	LC	BBB
20090805	99999999	0	0	NR	XXX

**VITACOST.COM INC-REDH (GVKEY 179818)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20050101	20070629	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20040101	20090923	0	0	NR	XXX
20090924	99999999	93047	53225	LC	BBB

**WESTERN LIBERTY BANCORP (GVKEY 178937)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20071129	0	0	NU	XXX
20071228	99999999	92481	52835	LC	BBB
20071130	20071227	0	0	NU	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20071129	0	0	NR	XXX
20071228	99999999	92481	52835	LC	BBB
20071130	20071227	0	0	NR	XXX

**YONGYE INTERNATIONAL INC (GVKEY 178003)**

OLD:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070928	99999999	0	0	NR	XXX

NEW:

LINKDT	LINKENDDT	PERMNO	PERMCO	LINKTYPE	LINKFLAG
20070101	20090902	0	0	NR	XXX
20090903	99999999	93048	53226	LC	BBB