



KPMG LLP
500 East Middlefield Road
Mountain View, CA 94043

Mr. Jason Wells
Assistant Controller
Pacific Gas and Electric Company
77 Beale Street
San Francisco, CA 94105

March 15, 2011

Dear Mr. Wells:

We have completed our report for PG&E as described in our Contract Work Authorization #4400004640 executed as of February 1, 2011 ("Phase 1"). This report represents our final deliverable for this phase of PG&E's on-going work related to this matter. Management has reviewed and accepted our final deliverable. We understand that PG&E may engage KPMG to provide services during future phases of PG&E's efforts.

The data included in this report was obtained from PG&E or PG&E's third party contractors on or before March 15, 2011. We have no obligation to update our report or to revise the information contained therein to reflect events occurring subsequent to March 15, 2011. Subsequent events will be considered part of future phases.

This report is not suited for any other purpose other than the aforementioned Phase 1. Except as expressly permitted in our Contract Work Authorization, this deliverable together with its attachments are solely for your information and are not to be referred to in communications with, or distributed for any other purpose to anyone who is not a member of management or the PG&E Board.

It has been our privilege to work with PG&E and we look forward to continuing to provide services to you. If you have any questions or would like to discuss our work, please do not hesitate to contact Jennifer Lindsay at (650) 404-3406 or Geno Armstrong at (415) 963-7301.

Sincerely,

KPMG LLP



PACIFIC GAS AND ELECTRIC COMPANY

**ASSESSMENT OF PACIFIC GAS AND ELECTRIC COMPANY'S
RESPONSE TO CPUC RESOLUTION L-410
DATED JANUARY 13, 2011**

MARCH 15, 2011



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1.0 EXECUTIVE SUMMARY

1.1 Overview

The State of California Public Utilities Commission (“CPUC”) issued a directive on January 3, 2011 to Pacific Gas and Electric Company (“PG&E”). The directive was subsequently ratified by the CPUC through Resolution L-410 on January 13, 2011 (“CPUC Directive”). PG&E communicated to the CPUC that it would provide a response to the CPUC Directive by March 15, 2011. The CPUC Directive states, in part, that PG&E is to:

Aggressively and diligently search for all as-built drawings, alignment sheets, and specifications, and all design, construction, inspection, testing, maintenance, and other related records, including those records in locations controlled by personnel or firms other than Pacific Gas and Electric Company, relating to pipeline system components such as pipe segments, valves, fittings, and weld seams for Pacific Gas and Electric Company natural gas transmission lines in class 3 and class 4 locations and class 1 and class 2 high consequence areas that have not had a maximum allowable operating pressure established through prior hydrostatic testing. These records should be traceable, verifiable, and complete.

To comply with the CPUC Directive, PG&E¹ identified approximately 1,805 miles of natural gas transmission pipelines in class 3 and class 4 locations, and class 1 HCA and class 2 HCA (“identified HCA transmission pipeline”) as of the date of the CPUC Directive. As required by the CPUC Directive, PG&E developed and implemented a process to collect and review pipeline system documentation and other records to confirm the number of identified HCA transmission pipeline miles that have “verifiable,” “traceable,” and “complete” records.²

To meet the CPUC Directive’s response date of March 15, 2011, PG&E retained KPMG LLP (“KPMG”) as of February 1, 2011. KPMG reviewed PG&E’s process for its review of documentation in response to the CPUC Directive. Additionally, KPMG selected and tested a set of HCA transmission pipeline records that PG&E has determined are “verifiable,” “traceable,” and “complete.” PG&E did not request KPMG to perform work related to records that PG&E determined to be covered by the Code of Federal Regulations – Title 49: Transportation, Section 192.619(c).

¹ As part of its response to the CPUC Directive, PG&E retained multiple third party contractors to assist with various aspects of its effort. References to activities involving PG&E throughout this report may include activities involving PG&E personnel and/or third party contractors.

² The definition of the terms “verifiable,” “traceable,” and “complete” are defined by PG&E as presented in Table 1 on page 4.



1.2 Summary of KPMG's Observations

KPMG gained an understanding of the processes and procedures PG&E developed and implemented in response to the CPUC Directive. As a result of its work responding to the CPUC Directive, PG&E determined that the records for approximately 1,018 miles of the identified HCA transmission pipeline met the definition of “verifiable,” “traceable,” and “complete.” KPMG confirmed records related to approximately 638 miles, or over 62 percent, of the approximately 1,018 miles of pipeline segments met the definition of “verifiable,” “traceable,” and “complete.”

2.0 SCOPE OF WORK

KPMG initially met with PG&E to obtain an understanding of the CPUC Directive and PG&E's response. KPMG reviewed documentation related to PG&E's response to the CPUC Directive and conducted interviews with PG&E personnel. Additionally, KPMG performed process walkthroughs and testing of PG&E's records and supporting documents for a portion of the 1,018 miles of HCA pipeline mileage that PG&E determined to be “verifiable,” “traceable,” and “complete.” KPMG did not perform work related to records that PG&E determined to be covered by the Code of Federal Regulations – Title 49: Transportation, Section 192.619(c).

3.0 APPROACH

KPMG planned its work using a variety of methods including review of documentation, interviews, and walkthroughs. To assess the quality of the process and procedures, KPMG substantively tested a set of the Master Job Records.

3.1 KPMG Team

KPMG's work was led by Geno Armstrong and Jennifer Lindsay, Principals with KPMG. Geno Armstrong is a registered Professional Engineer with over 20 years of experience advising companies, including electric and gas utilities, on construction-related risk and compliance programs. Geno Armstrong currently serves as KPMG's *International Sector Leader for Engineering and Construction*. Jennifer Lindsay has nearly 20 years of experience advising companies, including electric and gas utilities, on regulatory compliance and performing regulatory compliance audits. The team of KPMG professionals who performed the work has a combination of engineering and regulatory compliance auditing experience.

3.2 Field Work

KPMG performed field work from February 2, 2011 through March 14, 2011 at PG&E's offices in Emeryville, San Francisco, and Walnut Creek, California. During field work KPMG conducted interviews with 11 PG&E personnel who were tasked with responding to the CPUC



Directive. KPMG performed procedural walkthroughs of the processes and procedures implemented by PG&E and considered other information provided by PG&E.

KPMG performed walkthroughs of the following PG&E processes on February 17, 2011 and February 18, 2011:

- Initial identification of prioritized records from collected hard-copy documents
- Electronic scanning of prioritized records
- Classification of prioritized records and related quality control procedures
- Data entry of information from records into PG&E's Enterprise Compliance Tracking System ("ECTS") and related quality control procedures
- Quantification of pressure tested pipeline footage from the records and related quality control procedures

3.3 Master Job Record Testing

PG&E entered job record information into ECTS. ECTS is a web-based structured query language ("SQL") database PG&E purchased and tailored for its needs to view documentation and information stored on remote PG&E servers. ECTS generates a record number ("Master Job Record") based on the job number and its corresponding line number from PG&E's Geographical Information System ("GIS").

From February 23, 2011 through March 14, 2011, KPMG had read-only access to ECTS to select and test a subset of Master Job Records identified by PG&E as "verifiable," "traceable," and "complete." The data fields available in ECTS for each Master Job Record included, but were not limited to, the following information:

- | | |
|---|----------------------------|
| • Master Job Record | • Footage 3-4 HCA |
| • Workflow Status | • Footage 3-4-HCA STPR |
| • Job Prefix | • Maintenance Organization |
| • Job Number | • Year Installed |
| • Line Number | • Test Job |
| • Total Footage (Strength Testing Pressure Report [STPR]) | • Job Notes |

KPMG selected 617 Master Job Records representing over 62 percent of the 1,018 miles of HCA transmission pipeline determined by PG&E to be "verifiable," "traceable," and "complete." KPMG designed its selection to include HCA transmission pipeline with installation dates prior to 1960 and from each of the subsequent decades (1960s, 1970s, 1980s, 1990s, 2000s, and 2010).

PG&E historically assigned storage of the original hard-copy documentation to various maintenance organizations located throughout the PG&E service territory. PG&E has identified 17 divisions and 11 districts that comprise its current list of maintenance organizations. To



provide geographic coverage, KPMG selected Master Job Records from each of the 28 possible maintenance organizations.

KPMG also included Installation, Test, and Uprate job types in its selection of Master Job Records.³

The purpose of KPMG’s testing was to assess whether the documentation for the selected Master Job Records met the definition of “verifiable,” “traceable,” and “complete.”

Table 1: PG&E Definition of Verifiable, Traceable, and Complete⁴

Verifiable	Traceable	Complete
INITIAL PASS		
<u>Criteria:</u> <ul style="list-style-type: none"> • Pressure test record (e.g., Strength Testing Pressure Report [STPR] chart) exists • Record has been collected and available for review 	<u>Criteria:</u> <ul style="list-style-type: none"> • Total pipeline footage that is pressure tested per the pressure test records correlates with information contained on the Job Estimate Face Sheet 	<u>Criteria:</u> <ul style="list-style-type: none"> • Pressure test record contains the following 4 elements required by current regulations (CFR Title 49, Part 192.5172): <ul style="list-style-type: none"> ○ Name of Operator ○ Test Pressure ○ Test Duration ○ Test Medium
ADDITIONAL ANALYSIS REQUIRED (One or more of the above criteria has not been met)		
<u>Criteria:</u> <ul style="list-style-type: none"> • Other data sources need to be researched (e.g., test logs, As-Builts, etc.) 	<u>Criteria:</u> <ul style="list-style-type: none"> • Other data sources need to be researched (e.g., As-Builts, Bill of Materials, etc.) 	<u>Criteria:</u> <ul style="list-style-type: none"> • Other data sources need to be researched to identify 4 key elements above

3.4 Master Job Record Testing Results

KPMG selected and tested approximately 645 miles of HCA transmission pipeline segments that PG&E initially determined to be “verifiable,” “traceable,” and “complete.” Of the approximately 645 miles of HCA transmission pipeline segments our testing confirmed approximately 638 miles or 99 percent as being “verifiable,” “traceable,” and “complete.” The 638 miles tested and confirmed by KPMG represent over 62 percent of the 1,018 HCA

³ See Appendix A for the list of 617 Master Job Records selected and tested by KPMG that comprise the 645 miles.

⁴ The CPUC Directive did not include definitions of “verifiable,” “traceable,” or “complete.” We used the definitions provided by PG&E as presented in Table 1.



transmission pipeline footage ultimately determined by PG&E to be “verifiable,” “traceable,” and “complete.”

During our testing of the 645 miles, we determined we could not confirm 6.7 miles, representing one percent of the 645 miles, to be “verifiable,” “traceable,” and “complete.” For these 6.7 miles, PG&E modified its initial determination.

For approximately 64 miles of the 638 miles KPMG ultimately confirmed to be “verifiable,” “traceable,” and “complete,” the documentation we initially considered did not clearly substantiate to KPMG the number of miles determined “traceable” and “complete” by PG&E. In each of these cases, KPMG met with either PG&E’s Engineering Lead Manager or other PG&E personnel to obtain additional clarification and support, which included experienced-based gas pipeline engineering determinations by PG&E.

4.0 OBSERVATIONS AND FINDINGS

KPMG observed that PG&E’s documentation review process for determining whether records are “verifiable,” “traceable,” and “complete” was structured and methodical. The process KPMG witnessed included, but was not limited to, training, supervision, documentation, and tracking. For example, PG&E specifically developed training materials to provide guidance to the PG&E personnel on whether to assess a record as “traceable.” In addition to the training materials, we witnessed that experienced engineers were present in the room to provide PG&E personnel real-time supervision and the ability to quickly raise questions about the records or the process.

During the testing, KPMG regularly utilized ECTS. Within ECTS, KPMG noted that PG&E personnel populated the Job Notes data field with evidence of their document review and related comments supporting their assessment. The Job Notes also contain comments from PG&E personnel performing various levels of quality review. Furthermore, ECTS maintains an archive that tracks edits to the Master Job Record. The archive captures the access ID of the individual performing the edit and the change made during that edit to the Master Job Record. Previous versions of the Master Job Record are viewable within the edit history.

KPMG frequently interacted with PG&E quality reviewers to discuss the HCA pipeline documentation. KPMG noted that the quality reviewers had familiarity with and an understanding of the documents related to the Master Job Records.

KPMG gained an understanding of the processes and procedures developed and implemented by PG&E to respond to the CPUC Directive. KPMG selected and tested records related to approximately 638 miles, or over 62 percent, of the approximately 1,018 miles determined by PG&E to be “verifiable,” “traceable,” and “complete.” KPMG’s testing confirmed that this documentation met the definition of “verifiable,” “traceable,” and “complete.”



5.0 ASSUMPTIONS

KPMG made the following assumptions in performing its assessment:

1. The pipeline segment data provided to KPMG by PG&E from its GIS is the data utilized by PG&E for its response to the CPUC Directive.
2. KPMG did not have access to GIS and did not confirm the information PG&E provided to KPMG and communicated as being from GIS.
3. The extracted GIS data was as of January 3, 2011 and this information has not been updated or changed by PG&E since that date.
4. The information within GIS relating to class 3 and class 4, and class 1 and class 2 HCA pipeline segments are comprehensive and no additional PG&E pipeline segments classified as class 3 and class 4, and class 1 and class 2 HCA exist as of January 3, 2011.
5. The pipeline segments identified in GIS as class 3 and class 4, and class 1 and class 2 HCA as reported by PG&E are accurately classified as of January 3, 2011.
6. The total footage of class 3 and class 4, and class 1 and class 2 HCA pipeline segments in GIS as reported by PG&E to the CPUC equals approximately 1,805 miles.
7. The hard copy documentation scanned into PG&E's ECTS related to the pipeline segments is accurate.
8. KPMG assumed the qualifications of PG&E personnel in its response to the CPUC Directive. KPMG assumed personnel assigned to this effort by PG&E are qualified and were provided adequate oversight and direction.

Appendix A
Selected Master Job Records for Testing

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
4250	1000751	131
4251	100099	153
4299	106919	050A
4352	118401	153
4416	123902	107
4416	123902	107
4417	123902	131
4447	127501	0611-01
4472	131782	124A
4474	131783	119C
4493	132445	119B
4504	134138	0611-01
4506	134192	107
4511	134734	172A
4526	135396	197A
4536	135862	300A
4545	136470	124A
4560	137218	177A
4567	137729	107
4576	138405	1818-01
4578	138405	DCUST2059
4579	138405	STUB7554
4580	138405	STUB7555
4581	138405	STUB7817
4582	138405	X6474
4590	139000	0604-17
4598	139614	021H
4603	140424	174-1-1
4605	140905	1202-01
4606	140905	1202-02
4609	141946	DREG5051
4610	142216	124B
4624	143030	021H
4630	143347	101
4634	143773	103
4657	1450626	173-20
4662	145276	191-1
4671	145712	021G
4686	147628	021G
4694	148183	118B
4712	149174	107
4716	149361	1023-01
4718	149361	402
4732	150158	2403-12

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Master Job Record	Job Number	Line Number
4735	150407	1027-01
4739	150943	191-1
4740	150944	021G
4754	152110	1603-01
4758	152541	173
4770	153014	021G
4773	153068	173
4774	153127	7222-01
4777	153409	302W
4780	153568	303
4784	153915	142N
4785	153971	142S
4790	154030	191-1
4791	154246	1615-01
4797	154311	0630-01
4799	154361	105N-2
4800	154361	153
4801	154361	X6460
4806	154798	GCUST5970
4809	1551241	109
4813	155370	109
4814	155370	132
4815	155851	138C
4817	155852	1202-16
4818	155977	0608-01
4826	156068	132
4838	156571	109
4839	156572	109
4844	156741	132
4848	157002	101
4849	157118	GCUST5813
4856	157380	1306-01
4863	1585926	153
4867	158884	021E
4868	158887	021E
4875	159115	191
4879	159513	181B
4881	159515	1881-01
4883	159638	109
4884	159638	132
4885	159639	101
4886	159639	109
4891	160041	101
4905	160636	173-1
4910	161277	1640-01

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Master Job Record	Job Number	Line Number
4917	161432	316A
4918	161432	316A-1
4920	161804	0126-01
4932	162489	128
4933	162548	101
4936	162588	0405-01
4940	162872	0817-01
4945	163371	0601-01
4952	163738	1815-02
4953	163739	147
4955	163891	119A
4956	163891	119A-1
4958	164174	109
4960	164413	132
4962	164495	1815-02
4968	164772	303
4969	164850	1615-01
4971	164921	1519-01
4972	165011	021E
4973	165012	307B
4977	165090	181B
4981	165292	1815-02
4982	165292	1815-15
4988	165786	0210-01
4992	165913	109
4993	165913	132
4999	166253	050B
5004	166428	7218-01
5009	166521	138D
5010	166553	1822-01
5015	167089	1823-01
5020	167403	153
5024	168045	162A
5026	168125	119A
5032	168617	142S
5033	168617	DREG4807
5034	168761	7226-02
5039	168926	108
5041	168927	1611-03
5042	169041	111A-1
5043	169080	1617-01
5045	169195	0609-03
5046	169197	1816-01
5049	169261	1607-01
5050	169489	DREG4180

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Master Job Record	Job Number	Line Number
5057	169628	108
5058	169628	DREG4327
5061	169631	1209-05
5062	169903	0215-01
5068	170039	105N
5073	170206	8805-03
5080	170518	7224-07
5081	170634	1870-01
5085	170775	300A
5086	170775	300B
5088	170923	7226-02
5091	171044	1614-02
5092	171140	132
5093	171140	132A
5099	171508	197C
5103	171662	202
5107	171691	0405-01
5109	172109	021C
5110	172209	173
5111	172316	0618-03
5112	172326	3009-01
5113	172326	SP5
5116	172327	132A
5117	172376	105C
5119	172677	1813-02
5121	172712	105N
5123	172747	401
5127	172780	2408-05
5127	172780	2408-05
5128	172780	BD458
5129	172780	DF3368
5136	173010	105N
5138	173058	109
5139	173200	1306-01
5146	173497	1622-01
5147	173497	DF3451
5148	173729	0618-03
5153	173891	0804-01
5159	174084	0618-03
5161	174126	138
5164	174522	109
5167	174745	109
5168	174745	132
5170	174768	GCUST5790
5173	174830	300B

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
5178	174833	300A
5179	174876	021A
5180	174877	021G
5186	175388	1202-21
5193	175944	105N
5194	175947	301F
5195	176175	021E
5196	176175	STUB10105
5198	176176	138
5207	176347	215
5212	176447	1519-01
5216	176542	021A
5218	176543	021A
5219	176702	105N
5228	177253	316A
5229	177336	191
5231	177336	SP5
5236	177518	0637-01
5241	178083	301A
5245	178217	3022-01
5246	178280	300A
5248	178515	300A
5249	178515	300B
5250	178608	057A-MC
5254	179425	0619-05
5256	179470	101
5261	179810	057A-MT
5264	179840	132A
5265	180079	DREG4327
5266	180428	0405-01
5267	180565	101
5268	180666	109
5269	181317	1617-01
5270	181317	162A
5274	181907	173
5275	181943	209
5277	182094	7221-15
5279	182573	DREG5300
5280	182622	142S
5282	182809	101
5284	182966	0804-01
5285	182969	0600-02
5287	183177	0817-01
5291	183315	300B
5292	183320	0630-01

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
5300	183588	1816-01
5301	183588	1817-01
5304	183625	136
5305	183649	105N
5306	183678	118D
5310	183973	021D
5314	184169	0604-04
5317	184236	331A
5328	184772	116
5329	184814	300A
5332	185302	1818-01
5335	185596	101
5337	185596	DREG4207
5338	185730	1501-02
5340	185762	X6541
5341	185849	119B
5342	185861	191A
5343	185927	105N
5344	186060	132
5347	186232	173
5349	186469	116
5351	186615	0405-01
5352	186632	107
5353	186706	021H
5359	187189	105N
5361	187249	108
5362	187565	1817-01
5370	188300	0401-01
5371	188329	021F
5372	188367	0402-01
5373	188378	109
5374	188445	108
5375	188446	105N
5376	188455	153
5377	188455	DF3286
5380	188551	021F
5383	188579	0613-01
5388	189177	7227-01
5395	189650	0805-01
5399	190192	0630-01
5400	190242	105N
5410	190481	1511-01
5418	191018	DF3524
5420	191153	316F
5422	191186	050A

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
5423	191283	021H
5430	191308	300B
5432	191396	109
5435	191488	021D
5440	191532	0604-01
5444	1918937	153
5447	1919141	109
5452	1922152	021D
5453	1922715	132A
5456	1923952	195A4-2
5462	1928027	021H
5466	1928464	021F
5467	1932441	132
5469	1932813	107
5473	1933969	1202-17
5476	1933977	109
5486	1934322	105N
5487	1934702	108
5490	1937168	101
5492	1937176	108
5506	1941186	BD84
5507	1941186	DF3259
5508	1941699	108
5510	1942457	109
5518	1943133	109
5526	1944834	0215-01
5527	1944834	101
5528	1944834	BD80
5529	1944834	DF3255
5531	1945757	105N
5532	1945815	101
5533	1946086	105A
5534	1946433	108
5535	1946433	1603-01
5536	1946433	1621-01
5537	1946433	1626-01
5538	1946433	1641-01
5539	1946433	DF3301
5540	1946433	DREG4310
5541	1946680	105N
5542	1946680	X6381
5543	1946698	103
5544	1946698	BD106
5545	1946698	DREG4260
5551	1947399	119A-2

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
5553	1947977	101
5554	1947977	147
5559	1948447	310
5563	1949247	101
5565	1949296	1615-04
5568	1949742	105N
5578	1950724	105A
5583	1951169	300B
5584	1952217	375
5585	1952878	2
5592	1953884	108
5594	1953892	0617-08
5595	1956010	300B
5596	1956176	401
5599	1956424	103
5602	1956713	100
5607	1958446	116
5619	1958719	109
5628	1960764	109
5631	1961143	109
5649	1962562	131
5650	1962794	300B
5652	1969534	118A
5666	1997907	101
5676	2009180	050A
5719	30184403	DREG10195
5720	30192446	7202-01
5728	30416234	DREG10197
5729	30418935	DREG10155
5735	30603529	131
5736	30603532	0407-01
5737	30603596	DREG5468
5739	30603841	0619-04
5741	30603842	118F
5755	30603984	1816-01
5758	30604241	191
5773	30604392	108
5774	30604632	300A
5781	30623013	1614-04
5785	30638281	021E
5788	30659072	177A
5790	30684030	DREG5645
5809	3294	2
5810	3334	SP3
5811	3350	SP3

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
5813	3352	SP3
5815	3372	SP3
5822	3419	SP3
5824	3423	SP3
5831	3-4602A	118A
5863	39783	STUB6285
5864	39783	STUB8196
5871	40000	107
5912	4028C	DREG4379
5916	403308	118A
5927	404126	0608-01
5930	4044590	174-1-1
5934	4049045	109
5935	4049326	109
5939	4052023	0639-01
5941	4052098	0607-01
5955	4065F	300A
5959	4073243	GCUST5748
5971	4086369	142N-3
5977	409405	142N
5982	409661	118D
5983	409662	118D
5984	409663	118D
5999	410451	132A
6001	4104E	050A
6012	41168D	GCUST5783
6043	414087	0618-03
6068	4168639	021C
6077	4169603	0617-08
6078	4169603	STUB8383
6081	4169835	1815-02
6088	419583	0407-01
6133	425455	7224-07
6159	4278271	153
6181	430081	303
6227	4333928	0650-01
6250	4357489	150
6254	435944	0615-01
6266	438324	7226-02
6270	438880	0613-02
6286	440108	DREG4868
6287	440252	021C
6288	440252	021D
6290	440417	191A
6291	440549	1301-01

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
6303	441364	0604-04
6327	4447G	DREG4519
6331	4453932	021H
6342	446225	021F
6347	446382	1302-01
6351	4469003	119B
6354	4469060	210B
6355	4470472	105A
6360	4472346	1609-01
6376	4479754	0607-01
6382	4484820	220
6397	4504155	050A
6398	4504239	177A
6420	4522165	132
6422	452391	0604-04
6433	4525630	SP3
6447	4534673	177A
6449	4535241	1815-02
6450	4535340	301C
6458	453776	STUB6273
6460	4540092	119B
6461	4540092	119B-1
6465	4540464	DREG5282
6466	4540480	116
6467	4540480	BD166
6468	4540480	BD167
6488	4554911	105A
6489	4556528	169-101
6490	4556593	050A
6502	4561486	GCUST5778
6516	4575189	DREG5496
6530	4587754	131
6531	4590G	STUB6084
6532	4593331	101
6533	4593331	DF3249
6536	4593422	101
6545	4596268	050A
6573	4626081	1601-03
6577	4627816	173
6582	4631222	116
6584	4636254	GCUST5958
6587	4637070	2408-11
6589	46637195	2408-11
6591	463989	162A
6599	4644233	X6460

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
6603	464522	2408-05
6614	4656286	GCUST5838
6623	4659058	121
6627	46608-A	DREG4796
6632	4665808	7227-01
6653	4685244	7207-01
6656	4686499	142N
6659	468782	109
6663	4689022	1509-05
6665	4689469	121
6674	46912	118A
6694	470812	7214-01
6696	471053	172A
6715	4737300	7205-01
6720	4741906	GCUST5970
6730	4744520	0607-01
6734	4746111	132
6735	4746111	BD269
6739	4746996	DREG4310
6743	4747283	1609-01
6758	4761128	0600-01
6760	476186	0618-03
6764	476625	0604-04
6767	4769386	1609-01
6784	4775714	0608-01
6824	4801650	DREG5496
6826	480490	GCUST5881
6828	480586	3017-01
6829	4806139	6607-01
6838	4808184	121
6843	4810503	131Y
6844	4810503	131Z
6847	4812616	1509-04
6859	4817839	DREG5468
6864	481923	7225-01
6895	4835203	101
6897	4836078	0833-01
6915	4846192	1609-01
6932	485564	200A-3
6944	4863015	1615-04
6953	4878187	101
6959	4885125	GCUST5944
6965	488876	1611-01
6974	489616	DF3373
6991	4914206	021H

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
6999	4920716	021C
7023	49487F	GCUST5783
7030	4949467	7227-05
7045	496414	134A
7057	4978623	1202-17
7061	498293	021C
7063	4988184	101
7173	69800	114
7174	69800	114-1
7179	7000352	311
7180	7000352	BD508
7181	7000352	DF9944
7183	7000372	109
7186	7000998	2408-11
7187	7000998	DREG5321
7188	7000998	STUB6236
7194	7001710	1614-13
7195	7001807	114
7196	7001884	1027-01
7198	7002010	021E
7219	7003859	109
7224	7004107	187
7225	7004160	0405-01
7226	7004160	0407-01
7227	7004160	X6345
7228	7004175	0607-01
7229	7004453	DREG5485
7242	7004606	181B
7243	7004612	0210-01
7248	7004718	GCUST5774
7258	7006633	210C
7278	7008952	057B
7281	7008960	2405-01
7294	7011813	2408-11
7303	7014193	181A-10
7304	7014193	DF8980
7305	7014193	DFDS8985
7306	7014193	X6475
7308	7017815	057A-MD1
7317	7019485	108
7326	7020845	GCUST5909
7327	7021700	173-6
7329	7022505	118A-1
7332	7022907	153
7346	7029585	0613-01

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
7355	7029827	0804-01
7358	7030926	7231-01
7359	7030927	7229-01
7382	7033652	021G
7397	7035590	123
7402	7035965	1401-01
7403	7036667	101
7410	7037479	DCUST2584
7412	7037965	2408-11
7413	7038130	0630-01
7414	7038133	1617-01
7415	7038133	162A
7416	7038133	DF7537
7417	7038172	GCUST5913
7429	7038567	0651-01
7430	7038706	DCUST1204
7432	7038709	119A
7434	7038785	123
7443	7039406	0833-01
7448	7039965	1501-01
7449	7039966	1501-02
7466	7042166	300A
7476	7043032	0215-01
7487	7043785	STUB6235
7491	7044245	215-1
7496	7044352	2408-12
7498	7044649	173
7499	7044649	BD346
7500	7044908	123
7501	7044966	DCUST8231
7502	7045136	8805-03
7503	7045145	DCUST1574
7508	7045155	DF8209
7530	7045805	0604-06
7531	7045965	021A
7532	7045965	STA9296
7541	7046205	DREG7496
7542	7046673	1305-45
7543	7046673	STUB7838
7554	7047942	123
7561	7048329	105A
7563	7048567	1523-01
7569	7049004	107
7573	7049026	2406-01
7601	7051317	300B

Appendix A: Selected Master Job Records for Testing

Master Job Record	Job Number	Line Number
7603	7051425	119A
7604	7051425	119A-3
7605	7051967	123
7606	7051967	173
7608	7051967	DF8185
7610	7052329	0604-06
7612	7052827	0619-05
7615	7052911	DF9009
7616	7052911	DF9010
7622	7053165	176
7625	7053486	301A
7636	7054025	0650-01
7637	7054093	0604-01
7645	7054566	1519-01
7646	7054566	1519-04
7661	7055735	173-8
7665	7055945	153
7668	7056247	0617-10
7685	7063605	142N
7688	7065907	200A-1
7695	73427	131
7721	8016996	2408-11
7724	8017961	0603-01
7731	8040017	303
7735	8044892	191-1
7747	8066296	195A3-1
7748	8066478	109
7749	8069196	114
7796	96634	105A
7823	A141655	1611-01
7828	A166801	0607-01
7829	A169162	1301-01
1143547	4696E	107