

Copy POP 3
Orig
RVC M

To: R.R. Smith, BA-Plastics, Houston

From: J.L. Cox, R&D, Ponca City

Date: August 17, 1987

Subject: YOUR MEMO DATED 7/27/87

VISTA

Interoffice
Communication

Even if we change to BASF technology on 5265, we will still have to watch RVC M levels on shipments to potable water pipe and fitting customers. Data obtained from Larry Kardos and Susie Thomas on shipment samples analyzed 1/87 through 7/87 in Aberdeen is shown below.

90172D (115 samples)	0.9% > 1.5 ppm RVC M
5265 (319 samples)	18.4% > 1.5 ppm RVC M
5305 (388 samples)	1.6% > 1.5 ppm RVC M

Although the percentage of samples greater than 1.5 ppm RVC M is much smaller with new technology 5305 than our 5265, it does show that there are instances where RVC M is too high even with the new technology. In May, 3.6% of 5305 shipments were greater than 2 ppm compared with 5.0% of 5265. We should not become complacent and think we are "safe" just because we switch to BASF technology. Other factors also affect RVC M.

Due to the potential loss of VCM on resin and dryblend samples between sample collection and analysis as well as the variation in pipe and fittings analyses, I recommend that we lower the RVC M specification from 2.3 ppm to 1.5 ppm for these customers. This is only a preliminary value based on the variation in analyses of pipe and fitting samples in Ponca City.

I spoke with Peter Greiner, NSF, about the variation of their test method. We discussed the possibility of further cooperative efforts to: 1) modify the test to reduce variability and/or, 2) identify NSF and Vista's variability so that we better understand what we must do so that our customers will pass NSF regulations 100% of the time. Pete said they realized there was some variation in the test and due to this, have reconsidered their position. He referred to a letter dated July 7, 1987, in which they now require further testing on samples ranging from 2 to 4 ppm VCM and immediate corrective action (product recall) at levels above 4 ppm. Vista should have received a copy of this letter. Someone else from NSF closer to the lab testing will be getting back with me on further cooperative work.

If you have any further questions, please call me at (405)767-5210.

Joyce Cox

Joyce L. Cox
Chemist

cdh/8-12IOC.RRS

cc: JHM DFH LZX RDJ JF PIK CWT HGC SEM HJH JLI LGH DBF ELS

CCR 000005346



To: L. Z. Kardos, PED, Houston

From: R. J. Lahiere and C. J. McDonald, R&D, Ponca City

Date: August 10, 1987

Subject: PROJECTS RECOMMENDED BY RVCM TEAM

**Interoffice
Communication**

VISTA

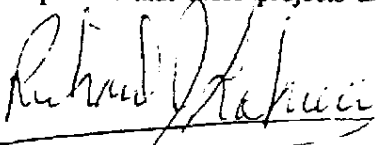
The RVCM team compiled a list of projects to be investigated and implemented. These projects were divided into two groups: (1) those that reduce RVCM concentrations for NSF/TCLP requirements and (2) projects for general resin improvement.

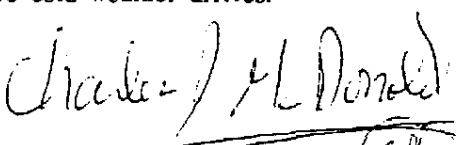
The RVCM team recommends the immediate implementation of some projects, preferably before the onset of cold weather. RVCM values have increased during previous Aberdeen winters; the team believes that these projects will help prevent this problem from reoccurring. Projects that require action now are:

- (1) Blend tank temperature control. Elevated temperatures (160-170°F) should be maintained in the blend tanks using a temperature control system with low-level shut-off interlocks to coordinate steam injection through air spargers. Elevated temperatures increase the diffusion of VCM out of the resin particle. Since the diffusion of vinyl chloride is the rate-controlling step for VCM transfer from PVC, higher temperatures will result in lower RVCM concentrations.
- (2) Install flow indicators on each blend tank. Flow meters on the blend tanks will enable sparger plugging to be detected. If the blend tank spargers plug, the resin will not be stripped and high RVCM values will result.
- (3) Aerate silos with heated air in cold weather. Heated silo aeration air increases RVCM removal by warming the resin (90-100°F) and enhancing vinyl chloride diffusion.
- (4) Install an aeration air flow system which eliminates the need for adjustment by the operator during loading. Operators close valves for aeration air to the silos during loading and frequently forget to turn them on when loading is completed. As a result, resin that is added to the silo after rail car loading is not aerated and does not meet RVCM specifications. A system which would allow the operator to load the rail car without adjusting the aeration valves would eliminate this problem.

The other projects that the team compiled are provided in Tables 1 and 2 in order of their relative importance. Most of the projects are short-term although some of the resin improvement projects are specified as long-term.

The projects recommended above are designated as highest priority. It is important that these projects are implemented before cold weather arrives.


Richard J. Lahiere
Research Engineer


Charles J. McDonald
Research Engineer

CCR 000005347

L. Z. Kardos
page 2
August 10, 1987

RJL:ck

attachments

cc/attachments:

Ponca City: SEM RBQ AWW MEO WCT RRH JLC

Houston: RRS

Aberdeen: FGJ

Saddlebrook: RDJ

CCR 000005348

Table 1

NSF/TCLP RVCM Reduction Projects

FIRST PRIORITY - Short Term

A. Blend Tanks

(1) Aeration

- (a) Modify air spargers to prevent plugging and improve air distribution.
- (b) Improve reliability of air supply.

B. Driers

(1) Anti-stat addition

- (a) Charge calcium stearate at drier riser and remove from dump system.

C. Silos

(1) Aerate silos.

- (a) Modify air spargers to minimize channelling and improve air distribution.
- (b) Install control panel air flow indicators.
- (c) Improve reliability of air supply.
- (d) Monitor aeration flow and time.

(2) Loading to rail cars.

- (a) Design system to monitor silo/rail car loading sequence.

D. Analytical

- (1) RVCM - Optimize analysis method and handling procedures.
- (2) TCLP - Optimize analysis method and handling procedures.
- (3) Sampling procedure at rail car.

SECOND PRIORITY - Short-Term

A. Reactors

- (1) Automate recovery for improved consistency.
- (2) Maximize steam rate at stripping temperature by using cooling water on jacket.

B. Dry Blend

- (1) Strip in mixers and blenders with heated air.

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Table 2

General Resin Improvement Projects

FIRST PRIORITY - Short-Term

A. Dryblend

(1) Higher mixing temperature for longer time.

- (a) Preheat resin.
- (b) Install heaters on mixer.
- (c) Use hot air injection.

B. Recipe for 5265 Resin

(1) Use 5305-type technology to produce higher porosity resin.

- (a) Reduces RVCM levels.
- (b) Increases production costs.

SECOND PRIORITY - Short-Term

A. Reactor

(1) BPA Kill Solution

- (a) Reduces RVCM level and glassies.
- (b) Prevents carryover of kill agent into recovered VCM.

(2) Addition of organic materials to resin.

- (a) Remove RVCM by lowering glass transition temperature of resin.
- (b) Add before or after polymerization.

B. Centrifuge/Drier

- (1) Reduce variability of resin feed rate to drier.
- (2) Reduce variability of resin moisture content to drier.

C. Dryblend

(1) Apply heat and vacuum system to mixers.

SECOND PRIORITY - Long-Term

A. External Stripping

- (1) Reduces slurry RVCM levels to 10 ppm or less.
- (2) Increases production capacity by about 20%.

Table 2 (Continued)

THIRD PRIORITY - Short-Term

A. Blend tank

- (1) Improve tank mixing.
- (2) Improve monitoring method of aeration time.
- (3) Provide additional capacity.

B. Centrifuge/Drier

- (1) Temperature
 - (a) Increase wet cake temperature.
 - (b) Increase drier inlet temperature.
- (2) Fluid bed drier
 - (a) More efficient RVCM removal.
 - (b) Milder temperatures, better air contact, fewer hot spots on resin.

C. Silos

- (1) Blending
 - (a) Resin pump-around loop.
 - (b) Internal air-pulse blending.
- (2) Aerate dry blend product with heated air.

CCR 000005351

POP
5

Request for
Facsimile Transmission

VISTA

DATE 7-30-87

FROM

EMPLOYEE <i>Cathy Bonzanti</i>	EXT.
LOCATION (CITY) <i>Aburdeen, MS</i>	ROOM NO.

TO

NAME <i>Larry Kardos</i>	PHONE NO.
DEPARTMENT	
LOCATION (CITY) <i>T.W. II</i>	

NO. OF PAGES

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3. 1/2-inch margins on all sides of sheet
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SPECIAL
INSTRUCTIONS

V3-19-3

CCR 000005352

Request for
Facsimile Transmission

VISTA

DATE 7-30-87

FROM

EMPLOYEE <i>Cathy Bonsanti</i>	EXT.
LOCATION (CITY) <i>Aburdeen, MS</i>	ROOM NO.

TO

NAME <i>Larry Kardos</i>	PHONE NO.
DEPARTMENT	<i>3076</i>
LOCATION (CITY) <i>T.W. II</i>	

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SPECIAL
INSTRUCTIONS

Y3-19-3

CCR 000005353

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May & June

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50587	5305	S	R	43007	A	0.1
52487	5305	S	RAIL	43098	CA	0.1
70187	5305	S	R	45872	A	0.1
62687	5305	S	RAIL	43735	CB	0.1
52487	5305	S	R	45732	CB	0.1
51887	5305	S	RAIL	44719	CA	0.5
5.0387	5305	B	R	45760	A	0.1
60187	5305	S	RAIL	45739	CA	0.2
62687	5305	S	R	45922	A	0.2
60187	5305	S	RAIL	45739	B	0.1
52087	5305	S	R	45732	A	0.1
63087	5305	S	RAIL	43007	CB	0.1
60587	5305	S	R	41612	A	0.1
62587	5305	S	RAIL	42898	CA	0.1
60187	5305	S	R	45739	A	0.4
62487	5305	S	RAIL	45747	B	0.1
62587	5305	S	RAIL	42898	CB	0.1
62687	5305	S	RAIL	45922	CA	0.1
62307	5305	S	R	580056	A	0.1
53087	5305	S	RAIL	45732	B	1.4

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52087	5305	S	R	42669	A	0.3
62687	5305	S	RAIL	43735	B	0.1
62487	5305	S	R	42913	A	0.1
60187	5305	S	RAIL	45739	CB	0.1
52187	5305	S	R	45898	A	0.1
50587	5305	S	R	36033	A	0.1
62687	5305	S	R	43735	A	0.1
60987	5305	S	RAIL	580059	B	0.7
63087	5305	S	R	43007	A	0.1
62687	5305	S	RAIL	43735	CA	0.1
51887	5305	S	R	44719	A	0.2
63087	5305	S	RAIL	43007	CA	0.1
53087	5305	S	R	45732	A	0.8
62687	5305	S	RAIL	45922	B	0.1
62487	5305	S	RAIL	42913	CB	0.1
51887	5305	S	RAIL	44719	CB	0.4
62587	5305	S	R	42898	A	0.1

AVG 0.250925
STD 0.465175
VAR 0.216388
%OVER2 1.85

62587	5385	S	R	44263	C	0.1
52087	5385	S	R	43749	C	0.1
52687	5385	S	R	43700	C	0.1
63087	5385	S	R	45812	B	0.1
52387	5385	S	R	43861	C	0.1
62287	5385	S	R	45261	C	0.3
70187	5385	S	R	41831	C	0.1
61087	5385	S	R	41621	C	0.3
60687	5385	S	R	43730	C	0.5
62287	5385	S	R	52783	C	1
50687	5385	S	R	45897	C	0.2
51587	5385	S	R	44275	CA-CB-B	0.5
60287	5385	S	R	43738	C	0.1
52187	5385	S	R	44730	C	0.1
61487	5385	S	R	43040	C	0.3
60687	5385	S	R	41609	C	0.4
52587	5385	S	R	43727	C	0.3
62287	5385	S	R	43851	C	0.7
60187	5385	S	R	42670	C	0.1
51487	5385	S	R	43746	C	0.1
51987	5385	S	R	45300	C	0.1
62287	5385	S	R	45892	C	0.2
60587	5385	S	R	45844	C	0.1
52587	5385	S	R	41841	C	0.1
52187	5385	S	R	43016	C	0.1
62287	5385	S	R	43743	C	0.1
60487	5385	S	R	44291	C	0.1
51887	5385	S	R	44272	C	0.4
63087	5385	S	R	41284	C	0.1
52787	5385	S	R	43851	C	0.1
61287	5385	S	R	41649	C	0.5
51987	5385	S	R	41821	C	0.2
70187	5385	S	R	44730	C	0.1
50587	5385	S	R	43743	C	0.2

60487	5385	S	R	41843	C	0.3
61587	5385	S	R	43746	C	0.4
52987	5385	S	R	45270	C	0.8
61387	5385	S	R	45713	C	0.1
53187	5385	S	R	44295	C	0.3
62087	5385	S	R	41592	C	0.1
62487	5385	S	R	44291	C	0.2
53187	5385	S	R	41591	C	0.1
60787	5385	S	R	41606	C	0.2
60487	5385	S	R	44275	C	0.6
63087	5385	S	R	44272	C	0.2
51487	5385	S	R	45892	C	0.2
51387	5385	S	R	45864	C	0.3
50187	5385	S	R	45812	C	0.4
62587	5385	S	R	45703	C	0.1
51687	5385	S	R	43735	C	0.3
62187	5385	S	R	44296	C	0.3
50587	5385	S	R	97122	C	0.2
01787	5300	C	R	43701	C	0.0
62087	5385	S	R	41821	C	0.1
53087	5385	S	R	45261	C	0.3
52487	5385	S	R	45885	C	0.1
52187	5385	S	R	41202	C	0.1
51187	5385	S	R	43727	C	0.1
62487	5385	S	R	43701	C	0.1
2387	5385	S	R	45708	C	0.1
52087	5385	S	R	44731	C	0.4
60687	5385	S	R	52553	C	0.1
61287	5385	S	R	42030	C	0.1
62387	5385	S	R	52553	C	0.1
53087	5385	S	R	41284	C	0.1
60987	5385	S	R	41589	C	0.2
51387	5385	S	R	44726	C	0.6
62387	5385	S	R	45812	C	0.1
50187	5385	S	R	43701	C	0.1
63087	5385	S	R	43727	C	0.1
51287	5385	S	R	41592	C	0.4
62187	5385	S	R	41603	C	0.2
63087	5385	S	R	45300	C	0.1
62387	5385	S	R	45260	C	0.1
				AVG		0.228378
				STD		0.184185
				VAR		0.033924
				%OVER2		0

60787	5415	S	R	41009	C	0.1
53087	5415	S	R	44282	C	0.3
62687	5415	S	R	45809	C	0.1
50487	5415	S	R	36045	C	0.1
61087	5415	S	R	45251	C	0.1
51387	5415	S	R	43729	C	0.1
40287	5415	S	R	43868	C	0.1
0787	5415	S	R	45866	C	0.1
60287	5415	S	R	52567	C	0.1
50987	5415	S	R	45866	C	0.1
52087	5415	S	R	45804	C	0.1

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61087	5415	S	R	41622	C	0.4
70187	5415	S	RAIL	45897	CA	0.1
60787	5415	S	R	45815	C	0.1
51787	5415	S	R	43712	C	0.1
63087	5415	S	R	43015	C	0.1
5.0387	5415	S	R	43713	C	0.1
51887	5415	S	R	43719	C	0.1
51887	5415	S	R	45766	C	0.1
60487	5415	S	R	45805	C	0.1
51087	5415	S	R	44293	C	0.2
52387	5415	S	R	43871	C	0.1
61587	5415	S	R	43049	C	0.1
51287	5415	S	R	45756	C	0.1
52487	5415	S	R	43863	C	0.1
51287	5415	S	R	42991	C	0.1
60687	5415	S	R	42674	C	0.1
51187	5415	S	R	45901	C	0.2
50587	5415	S	R	11015	C	0.1
52887	5415	S	R	45833	C	0.1
60487	5415	S	R	43710	C	0.1
51187	5415	S	R	45841	C	0.1
61187	5415	S	R	43713	C	0.4
61287	5415	S	R	45858	C	0.2
51987	5415	S	R	580054	C	0.1
53087	5415	S	R	43081	C	0.1
52187	5415	S	R	45747	C	0.1
61387	5415	S	R	42866	C	0.1
51687	5415	S	R	45853	C	0.1
63087	5415	S	R	45839	C	0.1
63087	5415	S	R	45849	C	0.1
60287	5415	S	R	41618	C	0.1
50787	5415	S	R	580056	C	0.1
63087	5415	S	R	42973	C	0.1
63087	5415	S	R	43695	C	0.1
63087	5415	S	R	45901	C	0.1
60187	5415	S	R	44731	C	0.1
50587	5415	S	R	45849	C	0.1
51587	5415	S	R	45856	C	0.1
62687	5415	S	R	45814	C	0.1
51587	5415	S	R	45791	C	0.1
52387	5415	S	R	43712	C	0.1
51587	5415	S	R	45870	C	0.1
60187	5415	S	R	45839	C	0.1
52687	5415	S	R	44267	C	0.1
60787	5415	S	R	44734	C	0.1
52687	5415	S	R	45787	C	0.1
61487	5415	S	R	45766	C	0.1
51187	5415	S	R	42994	C	0.3
51887	5415	S	R	43012	C	0.1
61687	5415	S	R	44278	C	0.1
51487	5415	S	R	45770	C	0.1
51687	5415	S	R	44273	C	0.1
50587	5415	S	R	42996	C	0.1
60587	5415	S	R	42899	C	0.1
51487	5415	S	R	45872	C	0.1
52587	5415	S	R	44260	C	0.1

53187	5415	S	R	45790	C	0.1
60387	5415	S	R	41616	C	0.2
61587	5415	S	R	44724	C	0.2
30787	5415	S	R	45795	C	0.1
60587	5415	S	R	45775	C	0.2
52787	5415	S	R	41597	C	0.1
63087	5415	S	R	43108	C	0.1
61687	5415	S	R	45804	C	0.1
50187	5415	C	R	44269	C	0.1
63087	5415	S	R	45795	C	0.1
50887	5415	S	R	42996	C	0.1
60987	5415	S	R	43749	C	0.2
53187	5415	S	R	45803	C	0.1
50487	5415	S	R	44278	C	0.1
51987	5415	S	R	43015	C	0.1
52187	5415	S	R	43108	C	0.1
52187	5415	S	R	45809	C	0.1
61387	5415	S	R	44717	C	0.1
52787	5415	S	R	45897	C	0.4
52387	5415	S	R	45753	C	0.1
52187	5415	S	R	43709	C	0.1
61587	5415	S	R	43719	C	0.1
51987	5415	S	R	41837	C	0.1
60787	5415	S	R	42970	C	0.1
60787	5415	S	R	45716	C	0.5
70187	5415	S	R	45897	A	0.1
60387	5415	S	R	42327	C	0.1
60287	5415	S	R	45795	C	0.1
63087	5415	S	R	43415	C	0.1
52587	5415	S	R	45827	C	0.1
51087	5405	S	R	45005	AVG	0.1

VAR 0.005971

50187	80172 C	S	R	52780	C	0.1
5.0387	80172 C	S	R	44736	C	0.1
50787	80172C	S	R	43853	C	0.1
61687	80172C	S	R	45718	C	0.1
50887	80172C	S	R	45718	C	0.1
52187	80172C	S	R	38466	C	0.1
53187	80172C	S	R	44736	C	0.1
51987	80172C	S	R	45277	C	0.1
61787	80172C	S	R	45263	C	0.1
50887	80172C	S	R	45718	A	0.1
52487	80172-C	S	R	41637	C	0.1

AVG
STD
ERR
VAR 2.0E-10
%OVER2 0

1687	80273 G	S	R	45308	C	0.1
52787	80273G	S	R	41633	C	0.1

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52687	80273G	S	R	42663	C	0.1
61087	80273G	S	R	52780	C	0.1
60607	80273G	S	R	45711	C	0.1
52887	80273G	S	R	41644	C	2.1
52687	80273G	S	R	43742	C	0.1
62487	80273G	S	R	41822	C	0.1
62387	80273G	S	R	52936	C	0.1
52187	80273G	S	R	45308	A	0.1
					AVG	0.3
					STD	0.6
					VAR	0.36
					%OVER2	10

50987	90172 D	S	RAIL	45797	CA	0.1
50987	90172 D	S	RAIL	45797	B	0.6
51087	90172 D	S	RAIL	41825	B	1.4
50987	90172 D	S	RAIL	45797	CB	0.6
50987	90172 D	D	R	45797	A	0.1
51387	90172 D	S	RAIL	45717	CA	0.1
51387	90172 D	S	RAIL	45717	CB	0.1
51087	90172 D	S	RAIL	41825	CA	0.4
51387	90172 D	S	R	45717	A	0.1
51087	90172 D	S	RAIL	41825	CB	1.2
51087	90172 D	S	R	41825	A	1.2
51387	90172 D	S	RAIL	45717	B	0.1
51387	90172D	S	R	41590	A	0.6
61387	90172D	S	RAIL	43101	CA	0.8
61387	90172D	S	R	43101	A	0.4
61387	90172D	S	RAIL	41590	CA	0.6
61087	90172D	S	RAIL	41635	CA	0.8
61387	90172D	S	RAIL	43101	CB	1.1
61087	90172D	S	RAIL	41635	CB	0.1
61387	90172D	S	RAIL	41590	B	0.7
51187	90172D	S	RAIL	41605	CB	0.2
61387	90172D	S	RAIL	43101	B	0.1
51287	90172D	S	R	45717	C	0.2
61087	90172D	S	RAIL	41635	B	0.7
61087	90172D	S	R	41635	A	0.1
61387	90172D	S	RAIL	41590	CB	0.6
61287	90172D	B	RAIL	45867	A	0.2
61287	90172D	B	RAIL	45867	A	0.2
60387	90172D	S	R	41635	C	0.1
					AVG	0.420588
					STD	0.376344
					VAR	0.141634
					%OVER2	0

60687	D80X	S	RAIL	44722	CA	0.1
61887	D80X	S	RAIL	41840	B	0.2
50187	D80X	S	RAIL	45793	CA	0.4
50687	D80X	S	R	44722	A	0.1

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60687	DBOX	S	RAIL	44722	H	0.1
50187	DBOX	S	R	45793	A	0.4
60687	DBOX	S	RAIL	44722	CB	0.1
50187	DBOX	S	RAIL	45793	CA	0.2
60387	DBOX	S	R	45850	A	0.1
43087	DBOX	S	RAIL	43729	CA	0.3
63087	DBOX	S	R	43729	A	0.2
63087	DBOX	S	RAIL	43729	CB	0.2
61887	DBOX	S	RAIL	41840	CA	0.2
60387	DBOX	S	RAIL	45850	CB	0.1
60387	DBOX	S	RAIL	45850	B	0.1
61887	DBOX	S	RAIL	41840	CB	0.1
43087	DBOX	S	RAIL	43729	B	0.1
50187	DBOX	S	RAIL	45743	H	0.1
60387	DBOX	S	RAIL	45850	CA	0.4
50987	DEBOX	S	RAIL	42025	CB	0.1
52387	DEBOX	S	RAIL	44292	CA	0.2
61387	DEBOX	S	RAIL	43850	B	0.4
51687	DEBOX	S	RAIL	45767	CB	0.4
61687	DEBOX	S	R	44258	A	0.9
52387	DEBOX	S	R	44292	A	0.1
51387	DEBOX	S	RAIL	45703	CB	1.2
51687	DEBOX	S	R	45767	A	0.4
61387	DEBOX	S	RAIL	43850	CB	0.2
51387	DEBOX	S	R	45703	A	0.4
61687	DEBOX	S	RAIL	44258	CA	1.3
60487	DEBOX	S	RAIL	43696	CB	0.1
60487	DEBOX	S	RAIL	43696	CA	0.2
51687	DEBOX	S	RAIL	45767	CA	0.8
52387	DEBOX	S	RAIL	44292	CB	0.1
60487	DEBOX	S	RAIL	43696	B	0.2
60487	DEBOX	S	R	43696	A	0.1
61687	DEBOX	S	RAIL	44258	CB	1.3
50987	DEBOX	S	R	42025	A	0.5
50987	DEBOX	S	RAIL	42025	B	0.5
51687	DEBOX	S	RAIL	45767	B	0.6
51387	DEBOX	S	RAIL	45703	CA	0.3
61387	DEBOX	S	RAIL	43850	CA	0.6
61687	DEBOX	S	RAIL	44258	B	0.6
61387	DEBOX	S	R	43850	A	0.3
61187	DEBOX	S	RAIL	43745	B	0.6
51387	DEBOX	S	RAIL	45703	B	1.1
50987	DEBOX	S	RAIL	42025	CA	0.1
61187	DEBOX	S	RAIL	45745	CA	0.1
52387	DEBOX	S	RAIL	44292	B	0.1
61187	DEBOX	S	R	43745	A	0.7
61187	DEBOX	S	RAIL	43745	CB	1.2
					AVG	0.371153
					STD	0.347051
					%OVER2	0
52387	FOND	S	RAIL	45811	B	1.3
61787	FOND	S	R	44279	A	0.9
50687	FOND	S	RAIL	77124	CA	0.7

52387	POND	S	RAIL	45811	CA	0.1
52387	POND	S	RAIL	45811	CB	0.2
60787	POND	S	RAIL	44279	B	1.6
60787	POND	S	R	44279	CA	0.3
50687	POND	S	RAIL	97124	CB	0.6
50687	POND	S	RAIL	97124	B	0.5
52387	POND	S	R	45811	A	0.1
50687	POND	S	R	97124	A	1
60787	POND	S	RAIL	44279	CB	4.9
51687	POND RESIS		RAIL	44733	CB	0.3
51687	POND RESIS		R	44733	A	0.2
51687	POND RESIS		RAIL	44733	CA	0.1
51687	POND RESIS		RAIL	44733	B	1
					AVG	0.075
					STD	1.132751
					VAR	1.283125
					%OVER2	6.25
50587	PP200	R	R	41625	C	0.1
61487	RP421	S	R	45277	C	0.1
52487	RP421	S	R	54589	C	0.1
50107	RP421	G	R	41822	C	0.1
50687	RP421	S	R	45761	C	0.1
63087	RP-421	S	R	45308	C	0.1
60987	RP-421	S	R	41823	C	0.1
60387	RP-421	S	R	41836	C	0.1
					AVG	0.1
					STD	ERR
					VAR	-9.5E-19
					%OVER2	0

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71387	269-151	S	R	43074	C	0.1
71587	269-151	S	R	45706	C	0.1
71687	269-185	S	R	415822	C	0.1

72587	269-69	S	R	41600	C	0.1
70587	269-69	S	R	42663	C	0.1
70787	269-69	S	R	41644	C	0.1
72687	269-69	S	R	41625	C	0.1
					AVG	0.1
					STD	0.000000
					VAR	8.3E-19
					%OVER2	0

71087	5265	S	R	45760	A	0.1
71087	5265	S	RAIL	43713	B	0.1
71087	5265	S	RAIL	43713	CA	0.1
71087	5265	S	RAIL	43713	CB	0.1
71087	5265	S	RAIL	45760	CA	0.1
71087	5265	S	RAIL	43713	CB	0.1
					AVG	0.1
					STD	ERR
					VAR	-9.0E-19
					%OVER2	0

70487	5305	S	RAIL	43045	CB	0.1
72487	5305	S	RAIL	44291	B	0.1
70487	5305	S	R	43088	A	0.1
72187	5305	S	RAIL	45719	B	0.1
70787	5305	S	R	580102	A	0.1
70787	5305	S	RAIL	580102	CA	0.1
70487	5305	S	R	43045	A	0.1
72487	5305	S	RAIL	44291	CB	0.1
72487	5305	S	R	44291	A	0.1
70787	5305	S	RAIL	580102	CB	0.1
72287	5305	S	R	44719	A	0.1
70487	5305	S	RAIL	43088	CA	0.1
70487	5305	S	RAIL	43045	B	0.1
70787	5305	S	RAIL	580102	B	0.1
72287	5305	S	RAIL	44719	CA	0.1
72287	5305	S	RAIL	44719	CB	0.1
72287	5305	S	RAIL	44719	B	0.1
72187	5305	S	R	45719	A	0.1
71787	5305	S	RAIL	45791	B	0.1
71987	5305	S	R	41604	A	0.1
71987	5305	S	RAIL	41604	B	0.1
70487	5305	S	RAIL	43088	CB	0.1
71787	5305	S	RAIL	45791	CA	0.1
72487	5305	S	RAIL	44291	CA	0.1

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70487	5305	S	RAIL	43045	CA	0.1
71787	5305	S	R	45791	A	0.1
72187	5305	S	RAIL	45719	CB	0.1
71987	5305	S	RAIL	41604	CA	0.1
71787	5305	S	RAIL	45791	CB	0.1
71987	5305	S	RAIL	41604	CB	0.1
					AVG	0.1
					STD	0.000000
					VAR	2.6E-18
					%OVER2	0
72787	5385	S	R	45812	C	0.2
72187	5385	S	R	43719	C	0.4
71987	5385	S	R	44733	C	0.5
70887	5385	S	R	45270	C	0.1
72487	5385	S	R	41284	U	0.1
71587	5385	S	R	45703	B	0.1
71187	5385	S	R	41609	C	0.2
70887	5385	S	R	52952	C	0.1
72187	5385	S	R	53666	C	0.4
70887	5385	S	R	43855	C	0.2
71887	5385	S	R	41613	C	0.1
70887	5385	S	R	43869	C	0.1
72187	5385	S	R	44272	C	0.1
72287	5385	S	R	42662	C	1.2
72787	5385	S	R	43006	B	0.1
71487	5385	S	R	44726	C	0.2
72187	5385	S	R	46091	C	0.3
72287	5385	S	R	45270	C	0.6
72687	5385	S	R	41621	C	0.1
72687	5385	S	R	41831	C	0.1
70687	5385	S	R	43738	C	0.1
72387	5385	S	R	43851	C	0.2
72687	5385	S	R	45270	CB	0.2
71287	5385	S	R	580057	C	0.1
70687	5385	S	R	43705	C	0.1
70387	5385	S	R	43700	C	0.1
71087	5385	S	R	44295	C	0.2
70487	5385	S	R	41589	C	0.1
72487	5385	S	R	44296	C	0.1
72387	5385	S	R	45850	C	0.2
70487	5385	S	R	42969	C	0.1
72087	5385	S	R	43201	C	0.2
71287	5385	S	R	44204	C	0.1
72687	5385	S	R	43858	C	0.1
72687	5385	S	R	45708	C	0.2
71887	5385	S	R	43730	C	0.2
71287	5385	S	R	43699	C	0.3
71087	5385	S	R	41841	C	0.2
71887	5385	S	R	41631	C	0.3
71687	5385	S	R	45779	C	0.4
70887	5385	S	R	45005	C	0.2
71987	5385	S	R	42670	C	0.1
71187	5385	S	R	41649	C	0.1
72087	5385	S	R	45794	C	0.2

72087	5385	S	R	42677	C	0.1
71187	5385	S	R	44275	C	0.4
72587	5385	S	R	41843	C	0.1
70487	5385	S	R	45864	C	0.2
71587	5385	S	R	45892	C	0.1
70587	5385	S	R	52568	C	0.1
71887	5385	S	R	41630	C	0.2
				AVG		0.205882
				STD		0.181941
				VAR		0.033102
				%OVER2		0
71387	5415	S	R	42669	C	0.1
70787	5415	S	R	43040	C	0.1
71687	5415	S	R	41646	C	0.1
70387	5415	S	R	45853	A-B	0.1
71287	5415	S	R	45841	C	0.2
71587	5415	S	R	41647	C	0.1
71387	5415	S	R	41616	C	0.1
71487	5415	S	R	45753	C	0.1
70787	5415	S	R	457		0
72387	5415	S	R	45804	C	0.1
70387	5415	S	R	45796	A	0.1
70687	5415	S	R	41597	C	0.1
72487	5415	S	R	580054	C	0.1
70787	5415	S	R	45844	C	0.1
70787	5415	S	R	42030	C	0.1
70687	5415	S	R	44731	C	0.1
70887	5415	S	R	43035	C	0.1
70687	5415	S	R	44282	C	0.1
71087	5415	S	R	41009	C	0.1
70487	5415	S	R	45833	C	0.1
72587	5415	S	R	43710	C	0.1
70387	5415	S	RAIL	43712	CA-B	0.1
71087	5415	S	R	44734	C	0.1
70387	5415	S	RAIL	44297	CB	0.1
72487	5415	S	R	43870	C	0.1
70387	5415	S	RAIL	45796	CA	0.1
71087	5415	S	R	43863	C	0.1
70387	5415	S	RAIL	44297	B	0.1
72487	5415	S	R	45809	C	0.1
70387	5415	S	RAIL	44297	CA	0.1
71487	5415	S	R	41643	C	0.1
70387	5415	S	RAIL	45853	CB-B	0.1
71287	5415	S	R	43749	C	0.1
70587	5415	S	R	45770	C	0.1
70387	5415	S	R	45790	C	0.1
72587	5415	S	R	45853	C	0.1
71287	5415	S	R	43049	C	0.1
71587	5415	S	R	41599	C	0.1
72787	5415	S	R	44294	C	0.1
72387	5415	S	R	45803	C	0.1
72387	5415	S	R	43081	C	0.1
70307	5415	S	RAIL	43712	CB-B	0.1
71187	5415	S	R	43108	CA CD D	0.1
70387	5415	S	RAIL	43712	B-B	0.1

70387	5415	S	R	44297	A	0.1
70387	5415	S	RAIL	45796	B	0.1
71187	5415	S	R	43872	C	0.1
70387	5415	S	R	43712	A-B	0.1
71587	5415	S	R	43310	C	0.1
72587	5415	S	R	45827	C	0.1
71187	5415	S	R	45766	C	0.1
70387	5415	S	RAIL	45853	B-B	0.1
70507	5415	S	R	45716	C	0.1
70887	5415	S	R	41606	C	0.2
70587	5415	S	R	12327	C	0.1
70387	5415	S	RAIL	45853	CA-B	0.1
70487	5415	S	R	43709	C	0.1
70387	5415	S	RAIL	45796	CB	0.1
70587	5415	S	R	41618	C	0.1

AVG	0.101694
STD	0.022485
VAR	0.000505
%OVER2	0

72387	80172C	S	R	43853	C	0.1
71787	80172C	S	R	45718	C	0.1
72087	80172C	S	R	44736	C	0.1
72487	80172C	S	R	52786	C	0.1

AVG	0.1
STD	0.000000
VAR	1.9E-18
%OVER2	0

71187	90172	S	R	41825	C	0.3
71587	90172D	S	RAIL	41825	CB	0.1
70887	90172D	S	RAIL	45291	B	0.2
70887	90172D	S	RAIL	44267	CA	0.2
71587	90172D	S	R	41825	A	0.1
71087	90172D	S	RAIL	45279	CB	0.1
71587	90172D	S	R	41633	A	0.1
71587	90172D	S	RAIL	41633	CA	0.1
70887	90172D	S	R	44267	A	0.1
70887	90172D	S	RAIL	45797	B	0.2
71087	90172D	S	R	45279	A	0.1
70887	90172D	S	RAIL	45797	CA	0.1
71587	90172D	S	RAIL	41025	B	0.1
71087	90172D	S	RAIL	45279	CA	0.2
70887	90172D	S	RAIL	44267	CB	0.1
70887	90172D	S	RAIL	44267	B	0.1
71587	90172D	S	RAIL	41633	B	0.1
70887	90172D	S	RAIL	45797	CB	0.1
70887	90172D	S	RAIL	45291	CA	0.2
71587	90172D	S	RAIL	41825	CA	0.1
70887	90172D	S	R	45291	A	0.2
71387	90172D	S	R	41633	C	0.1
70887	90172D	S	RAIL	45291	CB	0.1
71587	90172D	S	RAIL	41633	CB	0.1
71087	90172D	S	RAIL	45279	B	0.1
70887	90172D	S	R	45797	A	0.1

AVG	0.130769
STD	0.053846
VAR	0.002899
%OVER2	0

71787	DEBOX	S	R	41592	A	0.1
72087	DEBOX	S	RAIL	45284	B	0.1
72087	DEBOX	S	R	45284	A	0.1
71787	DEBOX	S	RAIL	41592	CB	0.1
70887	DEBOX	S	R	44729	A	0.1
70887	DEBOX	S	RAIL	44729	CB	0.2
71687	DEBOX	S	R	41645	A	0.1
71787	DEBOX	S	RAIL	41592	CA	0.1
72287	DEBOX	S	RAIL	43701	CB	0.1
72287	DEBOX	S	RAIL	43701	CA	0.1
71687	DEBOX	S	RAIL	41645	CB	0.1
72287	DEBOX	S	RAIL	43701	B	0.5
72287	DEBOX	S	R	43701	A	0.1
70887	DEBOX	S	RAIL	44729	B	0.2
71687	DEBOX	S	RAIL	41645	CA	0.1
72087	DEBOX	S	RAIL	45284	CB	0.1
71787	DEBOX	S	RAIL	41592	B	0.1
72087	DEBOX	S	RAIL	45284	CA	0.1
71687	DEBOX	S	RAIL	41645	B	0.1
70887	DEBOX	S	RAIL	44729	CA	0.2

AVG	0.135
STD	0.090967
VAR	0.008275
%OVER2	0

72087	RF421	S	R	54589	C	0.1
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May & June

52087	223-36	S	R	45252	C	0.1
62087	269-151	S	R	580064	C	0.1
61987	269-151	S	R	43737	C	0.1
51587	269-151	S	R	45822	C	0.1
61387	269-151	WS	R	580019	C	0.1
63087	269-164	S	R	41605	C	0.1
53187	269-164	S	R	45842	C	0.1
61887	269-69	S	R	41600	C	0.1

62687	50172C	S	RAIL	38466	CB	0.1
62687	50172C	S	R	38466	A	0.1
62687	50172C	S	RAIL	38466	CA	0.1
62687	50172C	S	RAIL	38466	C	0.1
					AVG	0.1
					STD	0.000000
					VAR	8.3E-19
					%OVER2	0

52987	5265	S	RAIL	43091	B	0.7
61887	5265	S	RAIL	42993	B	0.1
51587	5265	S	RAIL	45852	CA	0.3
61187	5265	S	R	580035	A	1.2
61187	5265	S	RAIL	41602	CB	1.4
61187	5265	S	R	41602	A	1.5
62187	5265	S	RAIL	45782	CB	0.1
51287	5265	S	R	45749	A	0.1
52887	5265	S	RAIL	43854	CB	0.1
53187	5265	S	R	42857	A	0.2
62187	5265	S	RAIL	45782	B	0.1
52987	5265	S	R	43091	A	0.2
60287	5265	S	RAIL	43103	B	0.1
60287	5265	S	R	43103	A	0.1
51287	5265	S	RAIL	44723	B	0.1
52187	5265	S	R	45814	A	0.1
52187	5265	S	RAIL	45814	CB	0.1
51287	5265	S	R	44723	A	0.1
61187	5265	S	RAIL	580035	B	0.2
51487	5265	S	R	41014	A	3.5
51487	5265	S	RAIL	42887	B	0.4
53087	5265	S	R	45801	A	0.4
51287	5265	S	RAIL	44723	CB	0.1
62187	5265	S	R	45782	A	0.1
51487	5265	S	RAIL	42887	CB	0.8
51487	5265	S	RAIL	41014	B	0.4
51287	5265	S	RAIL	44723	CA	0.1
53087	5265	S	R	42993	A	0.2
50987	5265	S	RAIL	44294	CA	0.6
51487	5265	S	R	42887	A	0.8
53087	5265	S	RAIL	45801	B	0.5
61787	5265	S	RAIL	45714	CA	0.6
52787	5265	S	RAIL	43736	B	0.1

60987	5265	S	RAIL	45785	B	0.9
61507	5265	O	RAIL	45052	CD	0.3
60987	5265	S	RAIL	45785	CA	0.4
52787	5265	S	RAIL	45736	CB	0.1
61787	5265	S	R	45714	A	0.2
51287	5265	S	RAIL	45749	B	0.1
50987	5265	S	RAIL	44294	B	1.9
51387	5265	S	RAIL	45782	CA	0.1
62187	5265	S	RAIL	45749	CB	0.1
51287	5265	S	RAIL	43091	CA	0.1
52987	5265	S	RAIL	41646	CA	0.3
61187	5265	S	RAIL	43091	CB	0.1
61587	5265	S	RAIL	45852	B	0.6
61787	5265	S	RAIL	45714	CB	0.7
51587	5265	S	RAIL	43011	CB	1
53187	5265	S	RAIL	42857	B	0.1
51287	5265	S	RAIL	45749	CA	1
53187	5265	S	RAIL	42857	CB	0.1
61187	5265	S	RAIL	41602	CA	0.2
53187	5265	S	RAIL	42857	CA	0.1
53087	5265	S	RAIL	45801	CB	0.6
52887	5265	S	R	43854	A	1.4
61187	5265	S	RAIL	41602	B	0.2
51587	5265	S	R	45794	A	0.1
53087	5265	S	RAIL	45801	CA	0.5
61887	5265	S	R	42993	A	0.3
60287	5265	S	RAIL	43103	CA	0.8
61287	5265	S	R	43751	A	0.1
60287	5265	S	RAIL	43103	CB	0.4
52787	5265	S	R	45736	A	1.2
61187	5265	S	RAIL	580035	CA	0.2
61687	5265	S	R	44732	A	0.5
53087	5265	S	RAIL	42993	B	0.5
50987	5265	S	R	44294	A	1.6
61787	5265	S	RAIL	45714	B	2.1
51487	5265	S	RAIL	41014	CB	0.1
53087	5265	S	RAIL	42993	CB	1.1
50987	5265	S	RAIL	44294	CB	0.3
52787	5265	S	RAIL	45736	CA	0.1
61687	5265	S	RAIL	44732	B	0.9
51187	5265	S	RAIL	41014	CA-BOTTOM	0.1
61687	5265	S	RAIL	44732	CB	0.3
61187	5265	S	RAIL	41646	B	0.3
51587	5265	S	RAIL	43011	B	0.3
51187	5265	S	RAIL	41014	CB-BOTTOM	3.5
61687	5265	S	RAIL	44732	CA	0.8
52887	5265	S	RAIL	43854	CA	0.3
51587	5265	S	R	43011	A	0.4
61287	5265	S	RAIL	43751	B	0.1
60987	5265	S	R	45785	A	0.1
52187	5265	S	RAIL	45814	B	0.1
51187	5265	S	R	41014	A-BOTTOM	3.4
61287	5265	S	RAIL	43751	CB	0.1
61187	5265	S	RAIL	580035	CB	1.1
60987	5265	S	RAIL	45785	CB	0.1

61887	5265	S	RAIL	42993	CA	0.1
61287	5265	S	RAIL	43751	CA	0.2
61187	5265	S	RAIL	41646	CB	1.4
61887	5265	S	RAIL	42993	CB	0.8
61187	5265	S	R	41646	A	0.6
61187	5265	S	RAIL	41014	B-BOTTOM	0.3
61087	5265	S	R	41646	C	1.3
51487	5265	S	RAIL	42887	CA	0.5
51487	5265	S	RAIL	41014	CA	0.1
52887	5265	S	RAIL	43854	B	0.4
51587	5265	S	RAIL	43011	CA	1.9
51587	5265	S	RAIL	45794	CA	0.1
52187	5265	S	RAIL	45814	CA	0.1
61587	5265	S	R	45852	A	0.3
51587	5265	S	RAIL	45794	CB	0.1
53087	5265	S	RAIL	42993	CA	1
AVG						0.543809
STD						0.683398
VAR						0.467033
%OVER2						3.81

60987	5305	S	RAIL	580059	CA	0.4
52587	5305	S	RAIL	43693	CB	0.2
52487	5305	S	R	43098	A	0.1
63087	5305	S	RAIL	43007	B	0.1
52687	5305	S	R	42684	A	0.3
52107	5305	S	RAIL	43098	B	0.8
52087	5305	S	R	43310	A	0.5
60587	5305	S	RAIL	41612	B	0.6
50587	5305	S	RAIL	43007	CA	0.1
5.0387	5305	S	RAIL	45760	CB	0.1
52087	5305	S	RAIL	43310	CA	0.1
70187	5305	S	RAIL	45872	B	0.1
52087	5305	S	RAIL	45732	B-BOTTOM	0.2
60587	5305	S	RAIL	42662	CA	0.4
70187	5305	S	RAIL	45870	CB	0.1
52487	5305	S	RAIL	43098	CB	0.1
52587	5305	S	RAIL	43693	CA	0.1
70187	5305	S	RAIL	45870	CA	0.1
63087	5305	S	RAIL	45900	CA	0.1
52087	5305	S	RAIL	42669	CB	0.3
52087	5305	S	RAIL	43310	CB	0.6
70187	5305	S	RAIL	45870	B	0.1
60587	5305	S	RAIL	41612	CB	0.1
52087	5305	S	RAIL	42669	B	0.1
60587	5305	S	RAIL	42662	CB	0.1
70187	5305	S	RAIL	45872	CB	0.1
52587	5305	S	RAIL	43693	B	0.2
52087	5305	S	RAIL	45732	CA	0.1
5.0387	5305	S	RAIL	45760	B	0.1
52087	5305	S	RAIL	45732	CB	3.6
63087	5305	S	RAIL	45900	B	0.1
50587	5305	S	RAIL	43007	B	0.1
70187	5305	S	RAIL	45872	CA	0.2
52087	5305	S	RAIL	42669	CA	0.1
52087	5305	S	RAIL	45732	B	2.9

Request for
Facsimile Transmission

VISTA

DATE 7-30-87

FROM

EMPLOYEE <i>Cathy Banzanti</i>	EXT.
LOCATION (CITY) <i>Alberden, ms</i>	ROOM NO.

TO

NAME <i>Larry Kardos</i>	PHONE NO.
DEPARTMENT	
LOCATION (CITY) <i>T.W. II</i>	

NO. OF PAGES

16

NOTE—

1. Your originals must have good contrast (dark detail on light background)
2. Legible
3. 1/2-inch margins on all sides of sheet
4. Number all pages

SPECIAL
INSTRUCTIONS

V3-19-3

CCR 000005374

Request for
Facsimile Transmission

VISTA

DATE 7-30-87

FROM

EMPLOYEE <i>Cathy Bonsanti</i>	EXT.
LOCATION (CITY) <i>Alberdeen, MS</i>	ROOM NO.

TO

NAME <i>Larry Kardos</i>	PHONE NO.
DEPARTMENT	<i>3076</i>
LOCATION (CITY) <i>T.W. II</i>	

NO. OF PAGES

16

NOTE—

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SPECIAL
INSTRUCTIONS

V3-19-3

CCR 000005375

NO.	DATE	ST.TIME	TOTAL TIME	I D	T/R	#PGS	RESULT	DIAGNOSTIC
01	07.22	07:53	00:01'11"		R	01	INC	49002042BC0010
02	07.22	08:31	00:01'13"		R	01	INC	49002042BC0010
03	07.22	09:10	00:00'52"	593 0615	T	01	Comp	00002044B80800
04	07.25	02:31	00:01'12"		R	02	Comp	00002042BC0010
05	07.25	02:58	00:01'45"		R	02	Comp	00002042B40010
06	07.25	03:55	00:01'14"	219	R	02	Comp	00002042BC0010
07	07.25	04:04	00:03'10"		R	05	INC	49002042BC0010
08	07.25	04:13	00:01'49"		R	03	Comp	00002042BC0010
09	07.25	05:26	00:03'09"		R	05	INC	44702042BC0010
10	07.25	05:30	00:00'52"		R	01	Comp	00002042BC0010
11	07.25	09:18	00:02'44"		T	03	Comp	00002044B80800
12	07.25	09:22	00:00'59"	593 0615	T	00	INC	40702044BC0800
13	07.25	09:24	00:00'55"	593 0615	T	01	Comp	00002044B80800
14	07.25	15:16	00:00'43"		R	01	Comp	000020423C0010
15	07.26	02:05	00:01'57"		R	03	Comp	00002042BC0010
16	07.26	05:40	00:04'32"		R	06	INC	44702042B80010
17	07.26	05:47	00:01'13"		R	01	INC	44702042BC0010
18	07.26	05:53	00:00'56"		T	01	Comp	00002044B80800
19	07.26	06:13	00:00'51"		R	01	Comp	00002042BC0010
20	07.26	07:16	00:00'51"		R	03	INC	42002002000000
21	07.26	07:19	00:01'08"		R	01	Comp	00002042B40010
22	07.26	07:28	00:00'49"		T	01	INC	03002044B80800
23	07.26	07:32	00:03'37"		T	05	INC	03002044B80800
24	07.26	07:37	00:00'49"		T	01	INC	03002044B80800
25	07.26	07:39	00:03'25"		T	04	Comp	00002044B80800
26	07.26	10:05	00:02'59"		T	05	Comp	00002044B80800
27	07.27	00:35	00:00'59"	5135449	R	01	Comp	00002042340010
28	07.27	01:39	00:01'19"		R	02	Comp	00002042BC0010
29	07.27	01:42	00:01'38"		R	02	INC	49002042BC0010
30	07.27	01:45	00:01'58"		R	03	Comp	00002042B80010
31	07.27	02:59	00:03'49"		R	02	Comp	00002042B80010
32	07.27	03:03	00:02'48"		R	03	Comp	00002042B80010
33	07.27	03:50	00:01'10"		R	01	Comp	00002042B40010
34	07.27	06:36	00:02'16"		T	03	Comp	00002044B80800
35	07.27	07:13	00:02'09"		T	04	Comp	00002044B80800
36	07.27	07:16	00:01'10"		R	01	Comp	00002042B40010
37	07.27	07:30	00:02'10"	293 3610	R	03	Comp	00002042360010
38	07.27	08:08	00:03'34"		R	03	Comp	00002042B40010
39	07.28	00:45	00:03'08"		R	04	INC	44702042BC0010
40	07.28	01:01	00:03'54"		R	05	INC	44702042B80010

May & June

52087	223-36	S	R	45252	C	0.1
62087	269-131	S	R	580064	C	0.1
61987	269-151	S	R	43737	C	0.1
51587	269-151	S	R	45822	C	0.1
61387	269-151	WB	R	580019	C	0.1
63087	269-164	S	R	41605	C	0.1
53187	269-164	S	R	45842	C	0.1
61887	269-69	S	R	41600	C	0.1

62687	50172C	S	RAIL	38466	CB	0.1
62687	50172C	S	R	38466	A	0.1
62687	50172C	S	RAIL	38466	CA	0.1
62687	50172C	S	RAIL	38466	C	0.1
					AVG	0.1
					STD	0.000000
					VAR	8.3E-19
					%OVER2	0

52987	5265	S	RAIL	43091	B	0.7
61887	5265	S	RAIL	42993	B	0.1
61587	5265	S	RAIL	45852	CA	0.3
61187	5265	S	R	580035	A	1.2
61187	5265	S	RAIL	41602	CB	1.4
61187	5265	S	R	41602	A	1.5
62187	5265	S	RAIL	45782	CB	0.1
51287	5265	S	R	45749	A	0.1
52887	5265	S	RAIL	43854	CB	0.1
53187	5265	S	R	42857	A	0.2
62187	5265	S	RAIL	45782	B	0.1
52987	5265	S	R	43091	A	0.2
60287	5265	S	RAIL	43103	B	0.1
60287	5265	S	R	43103	A	0.1
51287	5265	S	RAIL	44723	B	0.1
52187	5265	S	R	45814	A	0.1
52187	5265	S	RAIL	45814	CB	0.1
51287	5265	S	R	44723	A	0.1
61187	5265	S	RAIL	580035	B	0.2
51487	5265	S	R	41014	A	3.5
51487	5265	S	RAIL	42887	B	0.4
53087	5265	S	R	45801	A	0.4
51287	5265	S	RAIL	44723	CB	0.1
62187	5265	S	R	45782	A	0.1
51487	5265	S	RAIL	42887	CB	0.8
51487	5265	S	RAIL	41014	B	0.4
51287	5265	S	RAIL	44723	CA	0.1
53087	5265	S	R	42993	A	0.2
50987	5265	S	RAIL	44294	CA	0.6
51487	5265	S	R	42887	A	0.8
53087	5265	S	RAIL	45801	B	0.5
61787	5265	S	RAIL	45714	CA	0.6
52787	5265	S	RAIL	45736	B	0.1

60987	5265	S	RAIL	45785	B	0.9
61587	5265	S	RAIL	45852	CB	0.3
60987	5265	S	RAIL	45785	CA	0.4
52787	5265	S	RAIL	45736	CB	0.1
61787	5265	S	R	45714	A	0.2
51287	5265	S	RAIL	45749	B	0.1
50987	5265	S	RAIL	44294	B	1.9
51587	5265	S	RAIL	45794	B	0.1
62187	5265	S	RAIL	45782	CA	0.1
51287	5265	S	RAIL	45749	CB	0.1
52987	5265	S	RAIL	43091	CA	0.1
61187	5265	S	RAIL	41646	CA	0.3
52987	5265	S	RAIL	43091	CB	0.1
61587	5265	S	RAIL	45852	B	0.6
61787	5265	S	RAIL	45714	CB	0.7
51587	5265	S	RAIL	43011	CB	1
53187	5265	S	RAIL	42857	B	0.1
51287	5265	S	RAIL	45749	CA	1
53187	5265	S	RAIL	42857	CB	0.1
61187	5265	S	RAIL	41602	CA	0.2
53187	5265	S	RAIL	42857	CA	0.1
53087	5265	S	RAIL	45801	CB	0.6
52887	5265	S	R	43854	A	1.4
61187	5265	S	RAIL	41602	B	0.2
51587	5265	S	R	45794	A	0.1
53087	5265	S	RAIL	45801	CA	0.5
61887	5265	S	R	42993	A	0.3
60287	5265	S	RAIL	43103	CA	0.8
61287	5265	S	R	43751	A	0.1
60287	5265	S	RAIL	43103	CB	0.4
52787	5265	S	R	45736	A	1.2
61187	5265	S	RAIL	580035	CA	0.2
61687	5265	S	R	44732	A	0.5
53087	5265	S	RAIL	42993	B	0.5
50987	5265	S	R	44294	A	1.6
61787	5265	S	RAIL	45714	B	2.1
51487	5265	S	RAIL	41014	CB	0.1
53087	5265	S	RAIL	42993	CB	1.1
50987	5265	S	RAIL	44294	CB	0.3
52787	5265	S	RAIL	45736	CA	0.1
61687	5265	S	RAIL	44732	B	0.9
51187	5265	S	RAIL	41014	CA-BOTTOM	0.1
61687	5265	S	RAIL	44732	CB	0.3
61187	5265	S	RAIL	41646	B	0.3
51587	5265	S	RAIL	43011	B	0.3
51187	5265	S	RAIL	41014	CB-BOTTOM	3.5
61687	5265	S	RAIL	44732	CA	0.8
52887	5265	S	RAIL	43854	CA	0.3
51587	5265	S	R	43011	A	0.4
61287	5265	S	RAIL	43751	B	0.1
60987	5265	S	R	45785	A	0.1
52187	5265	S	RAIL	45814	B	0.1
51187	5265	S	R	41014	A-BOTTOM	3.4
61287	5265	S	RAIL	43751	CB	0.1
61187	5265	S	RAIL	580035	CB	1.1
60987	5265	S	RAIL	45785	CB	0.1

61887	5265	S	RAIL	42993	CA	0.1
61287	5265	S	RAIL	43751	CA	0.2
61187	5265	S	RAIL	41646	CB	1.4
61887	5265	S	RAIL	42993	CB	0.8
61187	5265	S	R	41646	A	0.6
31187	5265	S	RAIL	41014	E-BOTTOM	0.3
61087	5265	S	R	41646	C	1.3
51487	5265	S	RAIL	42887	CA	0.5
51487	5265	S	RAIL	41014	CA	0.1
52887	5265	S	RAIL	43854	B	0.4
51587	5265	S	RAIL	43011	CA	1.9
51587	5265	S	RAIL	45794	CA	0.1
52187	5265	S	RAIL	45814	CA	0.1
61587	5265	S	R	45852	A	0.3
51587	5265	S	RAIL	45794	CB	0.1
53087	5265	S	RAIL	42993	CA	1
AVG						0.543809
STD						0.683398
VAR						0.467033
%OVER2						3.81
60987	5305	S	RAIL	580059	CA	0.4
52587	5305	S	RAIL	43693	CB	0.2
52487	5305	S	R	43098	A	0.1
63087	5305	S	RAIL	43007	B	0.1
52887	5305	S	R	42684	A	0.3
52187	5305	S	RAIL	45898	B	0.6
52087	5305	S	R	43310	A	0.5
60587	5305	S	RAIL	41612	B	0.6
50587	5305	S	RAIL	43007	CA	0.1
5.0387	5305	S	RAIL	45760	CB	0.1
52087	5305	S	RAIL	43310	CA	0.1
70187	5305	S	RAIL	45872	B	0.1
52087	5305	S	RAIL	45732	E-BOTTOM	0.2
60587	5305	S	RAIL	42662	CA	0.4
70187	5305	S	RAIL	45870	CB	0.1
52487	5305	S	RAIL	43098	CB	0.1
52587	5305	S	RAIL	43693	CA	0.1
70187	5305	S	RAIL	45870	CA	0.1
63087	5305	S	RAIL	45900	CA	0.1
52007	5305	S	RAIL	42689	CB	0.3
52087	5305	S	RAIL	43310	CB	0.6
70187	5305	S	RAIL	45870	B	0.1
60587	5305	S	RAIL	41612	CB	0.1
52087	5305	S	RAIL	42669	B	0.1
60587	5305	S	RAIL	42662	CB	0.1
70187	5305	S	RAIL	45872	CB	0.1
52587	5305	S	RAIL	43693	B	0.2
52087	5305	S	RAIL	45732	CA	0.1
5.0387	5305	S	RAIL	45760	B	0.1
52087	5305	S	RAIL	45732	CB	3.6
63087	5305	S	RAIL	45900	B	0.1
50587	5305	S	RAIL	43007	B	0.1
70187	5305	S	RAIL	45872	CA	0.2
52087	5305	S	RAIL	42669	CA	0.1
52087	5305	S	RAIL	45732	B	2.9

52487	5305	S	RAIL	45732	B	1.1
52687	5305	S	RAIL	42684	B	0.1
62387	5305	S	RAIL	580056	B	0.2-
52687	5305	S	RAIL	42684	CA	0.1
52487	5305	S	RAIL	43098	B	0.1
52587	5305	S	RAIL	580056	CB	0.1
52087	5305	S	RAIL	43310	B	0.1
62387	5305	S	RAIL	580056	CA	0.1-
50587	5305	S	RAIL	36033	B	0.1
51887	5305	S	RAIL	44719	B	0.1
50587	5305	S	RAIL	36033	CA	0.1
53087	5305	S	RAIL	45732	CA	0.1
60587	5305	S	RAIL	41612	CA	0.7-
52187	5305	S	RAIL	45898	CA	0.1
60587	5305	S	RAIL	42662	B	0.4-
53087	5305	S	RAIL	45732	CB	0.1
63087	5305	S	RAIL	15900	CB	0.1
52687	5305	S	RAIL	42684	CB	0.1
52187	5305	S	RAIL	45898	CB	0.1
50587	5305	S	RAIL	36033	CB	0.3
52587	5305	S	R	43693	A	0.3
5.0387	5305	S	RAIL	45760	CA	0.1
60587	5305	S	R	42662	A	0.1-
62487	5305	S	RAIL	45747	CA	0.1
62487	5305	S	RAIL	42913	B	0.1
60587	5305	S	R	50629	A	0.3
62487	5305	S	RAIL	42913	CA	0.1
63087	5305	S	R	45900	A	0.1
62487	5305	S	RAIL	45747	CB	0.1
60987	5305	S	R	580059	A	0.1
62587	5305	S	RAIL	42898	B	0.1
62487	5305	S	R	45747	A	0.1-
62687	5305	S	RAIL	45922	CB	0.1-
70187	5305	S	R	45870	A	0.1-
60987	5305	S	RAIL	580059	CB	0.1
50587	5305	S	R	43007	A	0.1
52487	5305	S	RAIL	43098	CA	0.1
70187	5305	S	R	45872	A	0.1
62687	5305	S	RAIL	43735	CB	0.1-
52487	5305	S	R	45732	CB	0.1
51887	5305	S	RAIL	44719	CA	0.5
5.0387	5305	S	R	45760	A	0.1
60187	5305	S	RAIL	45739	CA	0.2
62687	5305	S	R	45922	A	0.2
60187	5305	S	RAIL	45739	B	0.1
52087	5305	S	R	45732	A	0.1
63087	5305	S	RAIL	43007	CB	0.1
60587	5305	S	R	41612	A	0.1
62587	5305	S	RAIL	42898	CA	0.1
60187	5305	S	R	45739	A	0.4
62487	5305	S	RAIL	45747	B	0.1
52587	5305	S	RAIL	42898	CB	0.1
52687	5305	S	RAIL	45922	CA	0.1
62307	5305	S	R	580056	A	0.1
53087	5305	S	RAIL	45732	B	1.4

52087 5305 S R 42649 A 0.3
62687 5305 S RAIL 43735 B 0.1
62487 5305 S R 42913 A 0.1
60187 5305 S RAIL 45739 CB 0.1
52187 5305 S R 45898 A 0.1
50587 5305 S R 36033 A 0.1
62687 5305 S R 43735 A 0.1
60987 5305 S RAIL 580059 B 0.7
63087 5305 S R 43007 A 0.1
62687 5305 S RAIL 43735 CA 0.1
51887 5305 S R 44719 A 0.2
63087 5305 S RAIL 43007 CA 0.1
53087 5305 S R 45732 A 0.8
62687 5305 S RAIL 45922 B 0.1
62487 5305 S RAIL 42913 CB 0.1
51887 5305 S RAIL 44719 CB 0.4
62587 5305 S R 42898 A 0.1

AVG 0.250925
STD 0.465175
VAR 0.216388
%OVER2 1.85

62587 5385 S R 44263 C 0.1
52087 5385 S R 43749 C 0.1
52687 5385 S R 43700 C 0.1
63087 5385 S R 45812 B 0.1
52387 5385 S R 43861 C 0.1
62287 5385 S R 45261 C 0.3
70187 5385 S R 41831 C 0.1
61087 5385 S R 41621 C 0.3
60687 5385 S R 43730 C 0.5
62287 5385 S R 52783 C 1
50687 5385 S R 45897 C 0.2
51587 5385 S R 44275 CA-CB-B 0.5
60287 5385 S R 43738 C 0.1
52187 5385 S R 44730 C 0.1
61487 5385 S R 43040 C 0.3
60687 5385 S R 41609 C 0.4
52587 5385 S R 43727 C 0.3
62287 5385 S R 43851 C 0.7
60187 5385 S R 42670 C 0.1
51487 5385 S R 43746 C 0.1
51987 5385 S R 45300 C 0.1
62287 5385 S R 45892 C 0.2
60587 5385 S R 45844 C 0.1
52587 5385 S R 41841 C 0.1
52187 5385 S R 43016 C 0.1
62287 5385 S R 43743 C 0.1
60487 5385 S R 44291 C 0.1
51887 5385 S R 44272 C 0.4
63087 5385 S R 41284 C 0.1
52787 5385 S R 43851 C 0.1
61287 5385 S R 41649 C 0.5
51987 5385 S R 41821 C 0.2
70187 5385 S R 44730 C 0.1
50587 5385 S R 43743 C 0.2

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60487	5385	S	R	41843	C	0.3
61587	5385	S	R	43746	C	0.4
52987	5385	S	R	45270	C	0.8
61387	5385	S	R	45713	C	0.1
53187	5385	S	R	44295	C	0.3
62087	5385	S	R	41592	C	0.1
62487	5385	S	R	44291	C	0.2
53187	5385	S	R	41591	C	0.1
60787	5385	S	R	41606	C	0.2
60487	5385	S	R	44275	C	0.6
63087	5385	S	R	44272	C	0.2
51487	5385	S	R	45892	C	0.2
51387	5385	S	R	45864	C	0.3
50187	5385	S	R	45812	C	0.4
62587	5385	S	R	45703	C	0.1
51687	5385	S	R	43735	C	0.3
62187	5385	S	R	44296	C	0.3
50587	5385	S	R	97122	C	0.2
01787	0300	C	R	43701	C	0.0
62087	5385	S	R	41821	C	0.1
53087	5385	S	R	45261	C	0.3
52487	5385	S	R	45885	C	0.1
52187	5385	S	R	41202	C	0.1
51187	5385	S	R	43727	C	0.1
62487	5385	S	R	43701	C	0.1
62387	5385	S	R	45708	C	0.1
52087	5385	S	R	44731	C	0.4
60687	5385	S	R	52553	C	0.1
61287	5385	S	R	42030	C	0.1
62387	5385	S	R	52553	C	0.1
53087	5385	S	R	41284	C	0.1
60987	5385	S	R	41589	C	0.2
51387	5385	S	R	44726	C	0.6
62387	5385	S	R	45812	C	0.1
50187	5385	S	R	43701	C	0.1
63087	5385	S	R	43727	C	0.1
51287	5385	S	R	41592	C	0.4
62187	5385	S	R	41603	C	0.2
63087	5385	S	R	45300	C	0.1
62387	5385	S	R	45260	C	0.1
AVG						0.228378
STD						0.184185
VAR						0.033924
%OVER2						0
60787	5415	S	R	41009	C	0.1
53087	5415	S	R	44282	C	0.3
62687	5415	S	R	45809	C	0.1
50487	5415	S	R	36045	C	0.1
61087	5415	S	R	45251	C	0.1
51387	5415	S	R	43729	C	0.1
60287	5415	S	R	43868	C	0.1
50787	5415	S	R	45866	C	0.1
60287	5415	S	R	52567	C	0.1
50987	5415	S	R	45866	C	0.1
52087	5415	S	R	45804	C	0.1

61087	5415	S	R	41622	C	0.4
70187	5415	S	RAIL	45897	CA	0.1
60787	5415	S	R	45815	C	0.1
51787	5415	S	R	43712	C	0.1
63087	5415	S	R	43015	C	0.1
5.0387	5415	S	R	43713	C	0.1
51887	5415	S	R	43719	C	0.1
51887	5415	S	R	45766	C	0.1
60487	5415	S	R	45805	C	0.1
51087	5415	S	R	44293	C	0.2
52387	5415	S	R	43871	C	0.1
61587	5415	S	R	43049	C	0.1
51287	5415	S	R	45756	C	0.1
52487	5415	S	R	43863	C	0.1
51287	5415	S	R	42991	C	0.1
60687	5415	S	R	42674	C	0.1
51187	5415	S	R	45901	C	0.2
50587	5415	S	R	11015	C	0.1
52887	5415	S	R	45833	C	0.1
60487	5415	S	R	43710	C	0.1
51187	5415	S	R	45841	C	0.1
61187	5415	S	R	43713	C	0.4
61287	5415	S	R	45858	C	0.2
51987	5415	S	R	580054	C	0.1
53087	5415	S	R	43081	C	0.1
52187	5415	S	R	45747	C	0.1
61387	5415	S	R	42866	C	0.1
51687	5415	S	R	45853	C	0.1
63087	5415	S	R	45839	C	0.1
63087	5415	S	R	45849	C	0.1
60287	5415	S	R	41618	C	0.1
50787	5415	S	R	580056	C	0.1
63087	5415	S	R	42973	C	0.1
63087	5415	S	R	43695	C	0.1
63087	5415	S	R	45901	C	0.1
60187	5415	S	R	44731	C	0.1
50587	5415	S	R	45849	C	0.1
51587	5415	S	R	45856	C	0.1
62687	5415	S	R	45814	C	0.1
51587	5415	S	R	45791	C	0.1
52387	5415	S	R	43712	C	0.1
51587	5415	S	R	45870	C	0.1
60187	5415	S	R	45839	C	0.1
52687	5415	S	R	44267	C	0.1
60787	5415	S	R	44734	C	0.1
52687	5415	S	R	45787	C	0.1
61487	5415	S	R	45766	C	0.1
51187	5415	S	R	42994	C	0.3
51887	5415	S	R	43012	C	0.1
61687	5415	S	R	44278	C	0.1
51487	5415	S	R	45770	C	0.1
61687	5415	S	R	44293	C	0.1
50587	5415	S	R	42996	C	0.1
60587	5415	S	R	42899	C	0.1
51487	5415	S	R	45872	C	0.1
52587	5415	S	R	44260	C	0.1

53187	5415	S	R	45790	C	0.1
60387	5415	S	R	41616	C	0.2
61587	5415	S	R	44724	C	0.2
30787	5415	S	R	45795	C	0.1
60587	5415	S	R	45775	C	0.2
52787	5415	S	R	41597	C	0.1
63087	5415	S	R	43108	C	0.1
61687	5415	S	R	45804	C	0.1
50187	5415	S	R	44269	C	0.1
63087	5415	S	R	45795	C	0.1
50887	5415	S	R	42996	C	0.1
60987	5415	S	R	43749	C	0.2
53187	5415	S	R	45803	C	0.1
50487	5415	S	R	44278	C	0.1
51987	5415	S	R	43015	C	0.1
52187	5415	S	R	43108	C	0.1
52187	5415	S	R	45809	C	0.1
61387	5415	S	R	44717	C	0.1
52787	5415	S	R	45847	C	0.4
52387	5415	S	R	45753	C	0.1
52187	5415	S	R	43709	C	0.1
61587	5415	S	R	43719	C	0.1
51987	5415	S	R	41837	C	0.1
60787	5415	S	R	42970	C	0.1
60787	5415	S	R	45716	C	0.5
70187	5415	S	R	45897	A	0.1
60387	5415	S	R	42327	C	0.1
60287	5415	S	R	45795	C	0.1
63087	5415	S	R	43415	C	0.1
52587	5415	S	R	45827	C	0.1
51087	5465	S	R	45805	GROUP	0.1

VAR 0.005971

50187	80172 C	S	R	52780	C	0.1
5.0387	80172 C	S	R	44736	C	0.1
50787	80172C	S	R	43853	C	0.1
61687	80172C	S	R	45718	C	0.1
50887	80172C	S	R	45718	C	0.1
52187	80172C	S	R	38466	C	0.1
53187	80172C	S	R	44736	C	0.1
51987	80172C	S	R	45277	C	0.1
61787	80172C	S	R	45263	C	0.1
50887	80172C	S	R	45718	A	0.1
52487	80172-C	S	R	41637	C	0.1

AVG 0.1
STD ERR
VAR 2.0E-10
%OVER2 0

51687	80273 G	S	R	45308	C	0.1
52787	80273B	S	R	41633	C	0.1

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52687	80273G	S	R	42663	C	0.1
61087	80273G	S	R	52780	C	0.1
60607	00273G	S	R	45711	C	0.1
52887	80273G	S	R	41644	C	2.1
52687	80273G	S	R	43742	C	0.1
62487	80273G	S	R	41822	C	0.1
62387	80273G	S	R	52936	C	0.1
52187	80273G	S	R	45308	A	0.1

AVG	0.3
STD	0.6
VAR	0.36
%OVER2	10

50987	90172 D	S	RAIL	45797	CA	0.1
50987	90172 D	S	RAIL	45797	B	0.6
51087	90172 D	S	RAIL	41825	B	1.4
50987	90172 D	S	RAIL	45797	CB	0.6
50987	90172 D	G	R	45797	A	0.1
51387	90172 D	S	RAIL	45717	CA	0.1
51387	90172 D	S	RAIL	45717	CB	0.1
51087	90172 D	S	RAIL	41825	CA	0.4
51387	90172 D	S	R	45717	A	0.1
51087	90172 D	S	RAIL	41825	CB	1.2
51087	90172 D	S	R	41825	A	1.2
51387	90172 D	S	RAIL	45717	B	0.1
51387	90172D	S	R	41590	A	0.6
61387	90172D	S	RAIL	43101	CA	0.8
61387	90172D	S	R	43101	A	0.4
61387	90172D	S	RAIL	41590	CA	0.6
61087	90172D	S	RAIL	41635	CA	0.8
61387	90172D	S	RAIL	43101	CB	1.1
61087	90172D	S	RAIL	41635	CB	0.1
61387	90172D	S	RAIL	41590	B	0.7
51187	90172D	S	RAIL	41603	CB	0.2
61387	90172D	S	RAIL	43101	B	0.1
51287	90172D	S	R	45717	C	0.2
61087	90172D	S	RAIL	41635	B	0.7
61087	90172D	S	R	41635	A	0.1
61387	90172D	S	RAIL	41590	CB	0.6
61287	90172D	B	RAIL	45867	A	0.2
61287	90172D	B	RAIL	45867	A	0.2
60387	90172D	S	R	41635	C	0.1

AVG	0.420588
STD	0.376344
VAR	0.141634
%OVER2	0

60687	D80X	S	RAIL	44722	CA	0.1
61887	D80X	S	RAIL	41840	B	0.2
50187	D80X	S	RAIL	45797	CB	0.4
60687	D80X	S	R	44722	A	0.1

60687	DBOX	S	RAIL	44722	B	0.1
50187	DBOX	S	R	45793	A	0.4
60687	DBOX	S	RAIL	44722	CB	0.1
50187	DBOX	S	RAIL	45793	CA	0.2
60387	DBOX	S	R	45850	A	0.1
43087	DBOX	S	RAIL	43729	CA	0.3
63087	DBOX	S	R	43729	A	0.2
63087	DBOX	S	RAIL	43729	CB	0.2
61887	DBOX	S	RAIL	41840	CA	0.2
60387	DBOX	S	RAIL	45850	CB	0.1
60387	DBOX	S	RAIL	45850	B	0.1
61887	DBOX	S	RAIL	41840	CB	0.1
43087	DBOX	S	RAIL	43729	B	0.1
50187	DBOX	S	RAIL	45743	B	0.1
60387	DBOX	S	RAIL	45850	CA	0.4
50987	DEBOX	S	RAIL	42025	CB	0.1
52387	DEBOX	S	RAIL	44292	CA	0.2
61387	DEBOX	S	RAIL	43850	B	0.4
51687	DEBOX	S	RAIL	45767	CB	0.4
61687	DEBOX	S	R	44258	A	0.9
52387	DEBOX	S	R	44292	A	0.1
51387	DEBOX	S	RAIL	45703	CB	1.2
51687	DEBOX	S	R	45767	A	0.4
61387	DEBOX	S	RAIL	43850	CB	0.2
51387	DEBOX	S	R	45703	A	0.4
61687	DEBOX	S	RAIL	44258	CA	1.3
60487	DEBOX	S	RAIL	43696	CB	0.1
60487	DEBOX	S	RAIL	43696	CA	0.2
51687	DEBOX	S	RAIL	45767	CA	0.8
52387	DEBOX	S	RAIL	44292	CB	0.1
60487	DEBOX	S	RAIL	43696	B	0.2
60487	DEBOX	S	R	43696	A	0.1
61687	DEBOX	S	RAIL	44258	CB	1.3
50987	DEBOX	S	R	42025	A	0.5
50987	DEBOX	S	RAIL	42025	B	0.5
51687	DEBOX	S	RAIL	45767	B	0.6
51387	DEBOX	S	RAIL	45703	CA	0.3
61387	DEBOX	S	RAIL	43850	CA	0.6
61687	DEBOX	S	RAIL	44258	B	0.6
61387	DEBOX	S	R	43850	A	0.3
61187	DEBOX	S	RAIL	43745	B	0.6
51387	DEBOX	S	RAIL	45703	B	1.1
50987	DEBOX	S	RAIL	42025	CA	0.1
61187	DEBOX	S	RAIL	45745	CA	0.1
52387	DEBOX	S	RAIL	44292	B	0.1
61187	DEBOX	S	R	43745	A	0.7
61187	DEBOX	S	RAIL	43745	CB	1.2
					AVG	0.371153
					STD	0.247051
					%OVER2	0

52387	FOND	S	RAIL	45811	B	1.3
61787	FOND	S	R	44277	A	0.9
50687	FOND	S	RAIL	77124	CA	0.7

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52387 FOND S RAIL 45811 CA 0.1
52387 POND S RAIL 45811 CB 0.2
60787 FOND S RAIL 44279 B 1.6
60787 POND S R 44279 CA 0.3
50687 POND S RAIL 97124 CB 0.6
50687 POND S RAIL 97124 B 0.5
52387 POND S R 45811 A 0.1
50687 POND S R 97124 A 1
60787 POND S RAIL 44279 CB 4.9
51687 POND RESIS RAIL 44733 CB 0.3
51687 POND RESIS R 44733 A 0.2
51687 POND RESIS RAIL 44733 CA 0.1
51687 POND RESIS RAIL 44733 B 1
AVG 0.875
STD 1.132751
VAR 1.283125
%OVER2 6.25

50587 POND S R 41625 C 0.1

61487 RP421 S R 45277 C 0.1
52487 RP421 S R 54589 C 0.1
50107 RP421 G R 41822 C 0.1
50687 RP421 S R 45761 C 0.1
63087 RP-421 S R 45308 C 0.1
60987 RP-421 S R 41823 C 0.1
60387 RP-421 S R 41836 C 0.1
AVG 0.1
STD ERR
VAR -9.5E-19
%OVER2 0

July

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71387	269-151	S	R	43074	C	0.1
71587	269-151	S	R	45706	C	0.1
71687	269-185	S	R	415822	C	0.1

72587	269-69	S	R	41600	C	0.1
70387	269-69	S	R	42663	C	0.1
70787	269-69	S	R	41644	C	0.1
72687	269-69	S	R	41625	C	0.1
					AVG	0.1
					STD	0.000000
					VAR	8.3E-19
					%OVER2	0

71087	5265	S	R	45760	A	0.1
71087	5265	S	RAIL	43713	B	0.1
71087	5265	S	RAIL	43713	CA	0.1
71087	5265	S	R	43713	A	0.1
71087	5265	S	RAIL	45760	CA	0.1
71087	5265	S	RAIL	43713	CB	0.1
					AVG	0.1
					STD	ERR
					VAR	-9.0E-19
					%OVER2	0

70487	5305	S	RAIL	43045	CB	0.1
72487	5305	S	RAIL	44291	B	0.1
70487	5305	S	R	43088	A	0.1
72187	5305	S	RAIL	45719	B	0.1
70787	5305	S	R	580102	A	0.1
70787	5305	S	RAIL	580102	CA	0.1
70487	5305	S	R	43045	A	0.1
72487	5305	S	RAIL	44291	CB	0.1
72487	5305	S	R	44291	A	0.1
70787	5305	S	RAIL	580102	CB	0.1
72287	5305	S	R	44719	A	0.1
70487	5305	S	RAIL	43088	CA	0.1
70487	5305	S	RAIL	43045	B	0.1
70707	5305	S	RAIL	44719	CA	0.1
72287	5305	S	RAIL	44719	CB	0.1
72287	5305	S	RAIL	44719	B	0.1
72187	5305	S	R	45719	A	0.1
71787	5305	S	RAIL	45791	B	0.1
71987	5305	S	R	41604	A	0.1
71987	5305	S	RAIL	41604	B	0.1
70487	5305	S	RAIL	43088	CB	0.1
71787	5305	S	RAIL	45791	CA	0.1
72487	5305	S	RAIL	44291	CA	0.1

70487	5305	S	RAIL	43045	CA	0.1
71787	5305	S	R	45791	A	0.1
72187	5305	S	RAIL	45719	CB	0.1
71987	5305	S	RAIL	41604	CA	0.1
71787	5305	S	RAIL	43045	CA	0.1
71987	5305	S	RAIL	41604	CB	0.1
					AVG	0.1
					STD	0.000000
					VAR	2.6E-18
					%OVER2	0
72787	5385	S	R	45812	C	0.2
72187	5385	S	R	43719	C	0.4
71987	5385	S	R	44733	C	0.5
70887	5385	S	R	45270	C	0.1
72487	5385	S	R	41284	U	0.1
71587	5385	S	R	45703	B	0.1
71187	5385	S	R	41609	C	0.2
70887	5385	S	R	52952	C	0.1
72187	5385	S	R	53666	C	0.4
70887	5385	S	R	43855	C	0.2
71887	5385	S	R	41613	C	0.1
70887	5385	S	R	43869	C	0.1
72187	5385	S	R	44272	C	0.1
72287	5385	S	R	42662	C	1.2
72787	5385	S	R	43006	B	0.1
71487	5385	S	R	44726	C	0.2
72187	5385	S	R	46091	C	0.2
72287	5385	S	R	45270	C	0.6
72687	5385	S	R	41621	C	0.1
72687	5385	S	R	41831	C	0.1
70687	5385	S	R	43738	C	0.1
72387	5385	S	R	43851	C	0.2
72687	5385	S	R	45270	CB	0.2
71287	5385	S	R	580057	C	0.1
70687	5385	S	R	43705	C	0.1
70387	5385	S	R	43700	C	0.1
71087	5385	S	R	44295	C	0.2
70487	5385	S	R	41589	C	0.1
72487	5385	S	R	44296	C	0.1
72387	5385	S	R	45850	C	0.2
70487	5385	S	R	42969	C	0.1
72087	5385	S	R	43261	C	0.2
71287	5385	S	R	44204	C	0.1
72687	5385	S	R	43858	C	0.1
72687	5385	S	R	45708	C	0.2
71887	5385	S	R	43730	C	0.2
71287	5385	S	R	43699	C	0.3
71087	5385	S	R	41841	C	0.2
71887	5385	S	R	41631	C	0.3
71687	5385	S	R	45779	C	0.4
70887	5385	S	R	43005	C	0.2
71987	5385	S	R	42670	C	0.1
71187	5385	S	R	41649	C	0.1
72087	5385	S	R	45794	C	0.2

72087	5385	S	R	42677	C	0.1
71187	5385	S	R	44275	C	0.4
72587	5385	S	R	41843	C	0.1
70487	5385	S	R	45864	C	0.2
71587	5385	S	R	45892	C	0.1
70587	5385	S	R	52568	C	0.1
71887	5385	S	R	41630	C	0.2
				AVG		0.205882
				STD		0.181941
				VAR		0.033102
				%OVER2		0

71387	5415	S	R	42669	C	0.1
70787	5415	S	R	43040	C	0.1
71687	5415	S	R	41646	C	0.1
70387	5415	S	R	45853	A-B	0.1
71287	5415	S	R	45841	C	0.2
71587	5415	S	R	41647	C	0.1
71387	5415	S	R	41616	C	0.1
71487	5415	S	R	45753	C	0.1
70787	5415	S	R	457		0
72387	5415	S	R	45804	C	0.1
70387	5415	S	R	45796	A	0.1
70687	5415	S	R	41597	C	0.1
72487	5415	S	R	580054	C	0.1
70787	5415	S	R	45844	C	0.1
70787	5415	S	R	42030	C	0.1
70687	5415	S	R	44731	C	0.1
70887	5415	S	R	43035	C	0.1
70687	5415	S	R	44282	C	0.1
71087	5415	S	R	41009	C	0.1
70487	5415	S	R	45833	C	0.1
72587	5415	S	R	43710	C	0.1
70387	5415	S	RAIL	43712	CA-B	0.1
71087	5415	S	R	44734	C	0.1
70387	5415	S	RAIL	44297	CB	0.1
72487	5415	S	R	43870	C	0.1
70387	5415	S	RAIL	45796	CA	0.1
71087	5415	S	R	43863	C	0.1
70387	5415	S	RAIL	44297	B	0.1
72487	5415	S	R	45809	C	0.1
70387	5415	S	RAIL	44297	CA	0.1
71487	5415	S	R	41643	C	0.1
70387	5415	S	RAIL	45853	CB-B	0.1
71287	5415	S	R	43749	C	0.1
70587	5415	S	R	45770	C	0.1
70387	5415	S	R	45790	C	0.1
72587	5415	S	R	45853	C	0.1
71287	5415	S	R	43049	C	0.1
71587	5415	S	R	41599	C	0.1
72787	5415	S	R	44294	C	0.1
72387	5415	S	R	45803	C	0.1
72387	5415	S	R	43081	C	0.1
70307	5415	S	RAIL	43712	CB-B	0.1
71187	5415	S	R	43108	CA CD D	0.1
70387	5415	S	RAIL	43712	B-B	0.1

70387	5415	S	R	44297	A	0.1
70387	5415	S	RAIL	45796	B	0.1
71187	5415	S	R	43872	C	0.1
70387	5415	S	R	43712	A-B	0.1
71587	5415	S	R	43310	C	0.1
72587	5415	S	R	45827	C	0.1
71187	5415	S	R	45766	C	0.1
70387	5415	S	RAIL	45853	B-B	0.1
70507	5415	S	R	45716	C	0.1
70887	5415	S	R	41606	C	0.2
70387	5415	S	R	12327	C	0.1
70387	5415	S	RAIL	45853	CA-B	0.1
70487	5415	S	R	43709	C	0.1
70387	5415	S	RAIL	45796	CB	0.1
70587	5415	S	R	41618	C	0.1
AVG						0.101694
STD						0.022485
VAR						0.000505
%OVER2						0

72387	80172C	S	R	43853	C	0.1
71787	80172C	S	R	45718	C	0.1
72087	80172C	S	R	44736	C	0.1
72487	80172C	S	R	52786	C	0.1
AVG						0.1
STD						0.000000
VAR						1.9E-18
%OVER2						0

71187	90172	S	R	41825	C	0.3
71587	90172D	S	RAIL	41825	CB	0.1
70887	90172D	S	RAIL	45291	B	0.2
70887	90172D	S	RAIL	44267	CA	0.2
71587	90172D	S	R	41825	A	0.1
71087	90172D	S	RAIL	45279	CB	0.1
71587	90172D	S	R	41633	A	0.1
71587	90172D	S	RAIL	41633	CA	0.1
70887	90172D	S	R	44267	A	0.1
70887	90172D	S	RAIL	45797	B	0.2
71087	90172D	S	R	45279	A	0.1
70887	90172D	S	RAIL	45797	CA	0.1
71587	90172D	S	RAIL	41026	B	0.1
71087	90172D	S	RAIL	45279	CA	0.2
70887	90172D	S	RAIL	44267	CB	0.1
70887	90172D	S	RAIL	44267	B	0.1
71587	90172D	S	RAIL	41633	B	0.1
70887	90172D	S	RAIL	45797	CB	0.1
70887	90172D	S	RAIL	45291	CA	0.2
71587	90172D	S	RAIL	41825	CA	0.1
70887	90172D	S	R	45291	A	0.2
71387	90172D	S	R	41633	C	0.1
70887	90172D	S	RAIL	45291	CB	0.1
71587	90172D	S	RAIL	41633	CB	0.1
71087	90172D	S	RAIL	45279	B	0.1
70887	90172D	S	R	45797	A	0.1

					AVG	0.130769
					STD	0.053846
					VAR	0.002899
					%OVER2	0
71787	DEBOX	S	R	41592	A	0.1
72087	DEBOX	S	RAIL	45284	B	0.1
72087	DEBOX	S	R	45284	A	0.1
71787	DEBOX	S	RAIL	41592	CB	0.1
70887	DEBOX	S	R	44729	A	0.1
70887	DEBOX	S	RAIL	44729	CB	0.2
71687	DEBOX	S	R	41645	A	0.1
71787	DEBOX	S	RAIL	41592	CA	0.1
72287	DEBOX	S	RAIL	43701	CB	0.1
72287	DEBOX	S	RAIL	43701	CA	0.1
71687	DEBOX	S	RAIL	41645	CB	0.1
72287	DEBOX	S	RAIL	43701	B	0.5
72287	DEBOX	S	R	43701	A	0.1
70887	DEBOX	S	RAIL	44729	B	0.2
71687	DEBOX	S	RAIL	41645	CA	0.1
72087	DEBOX	S	RAIL	45284	CB	0.1
71787	DEBOX	S	RAIL	41592	B	0.1
72087	DEBOX	S	RAIL	45284	CA	0.1
71687	DEBOX	S	RAIL	41645	B	0.1
70887	DEBOX	S	RAIL	44729	CA	0.2
					AVG	0.135
					STD	0.090967
					VAR	0.008275
					%OVER2	0
72087	RF421	S	R	54589	C	0.1

May & June

52087	223-36	S	R	45252	C	0.1
62087	269-151	S	R	580064	C	0.1
61987	269-151	S	R	40737	C	0.1
51587	269-151	S	R	45822	C	0.1
61387	269-151	WS	R	580019	C	0.1
63087	269-164	S	R	41605	C	0.1
53187	269-164	S	R	45842	C	0.1
61887	269-69	S	R	41600	C	0.1

62687	50172C	S	RAIL	38466	CB	0.1
62687	50172C	S	R	38466	A	0.1
62687	50172C	S	RAIL	38466	CA	0.1
62687	50172C	S	RAIL	38466	C	0.1
					AVG	0.1
					STD	0.000000
					VAR	8.3E-19
					%OVER2	0

52987	5265	S	RAIL	43091	B	0.7
61887	5265	S	RAIL	42993	B	0.1
61587	5265	S	RAIL	45852	CA	0.3
61187	5265	S	R	580035	A	1.2
61187	5265	S	RAIL	41602	CB	1.4
61187	5265	S	R	41602	A	1.5
62187	5265	S	RAIL	45782	CB	0.1
51287	5265	S	R	45749	A	0.1
52887	5265	S	RAIL	43854	CB	0.1
53187	5265	S	R	42857	A	0.2
62187	5265	S	RAIL	45782	B	0.1
52987	5265	S	R	43091	A	0.2
60287	5265	S	RAIL	43103	B	0.1
60287	5265	S	R	43103	A	0.1
51287	5265	S	RAIL	44723	B	0.1
52187	5265	S	R	45814	A	0.1
52187	5265	S	RAIL	45814	CB	0.1
51287	5265	S	R	44723	A	0.1
61187	5265	S	RAIL	580035	B	0.2
51487	5265	S	R	41014	A	3.5
51487	5265	S	RAIL	42887	B	0.4
53087	5265	S	R	45801	A	0.4
51287	5265	S	RAIL	44723	CB	0.1
62187	5265	S	R	45782	A	0.1
51487	5265	S	RAIL	42887	CB	0.8
51487	5265	S	RAIL	41014	B	0.4
51287	5265	S	RAIL	44723	CA	0.1
53087	5265	S	R	42993	A	0.2
50987	5265	S	RAIL	44294	CA	0.6
51487	5265	S	R	42887	A	0.8
53087	5265	S	RAIL	45801	B	0.5
61787	5265	S	RAIL	45714	CA	0.6
52787	5265	S	RAIL	40736	B	0.1

2

60987	5265	S	RAIL	45785	B	0.9
61507	5265	O	RAIL	45052	CD	0.3
60987	5265	S	RAIL	45785	CA	0.4
52787	5265	S	RAIL	45736	CB	0.1
61787	5265	S	R	45714	A	0.2
51287	5265	S	RAIL	45749	B	0.1
50987	5265	S	RAIL	44294	B	1.9
51387	5265	S	RAIL	43794	B	0.1
62187	5265	S	RAIL	45782	CA	0.1
51287	5265	S	RAIL	45749	CB	0.1
52987	5265	S	RAIL	43091	CA	0.1
61187	5265	S	RAIL	41646	CA	0.3
52987	5265	S	RAIL	43091	CB	0.1
61587	5265	S	RAIL	45852	B	0.6
61787	5265	S	RAIL	45714	CB	0.7
51587	5265	S	RAIL	43011	CA	1
53187	5265	S	RAIL	42857	B	0.1
51287	5265	S	RAIL	45749	CA	1
53187	5265	S	RAIL	42857	CB	0.1
61187	5265	S	RAIL	41602	CA	0.2
53187	5265	S	RAIL	42857	CA	0.1
53087	5265	S	RAIL	45801	CB	0.6
52887	5265	S	R	43854	A	1.4
61187	5265	S	RAIL	41602	B	0.2
51587	5265	S	R	45794	A	0.1
53087	5265	S	RAIL	45801	CA	0.5
61887	5265	S	R	42993	A	0.3
60287	5265	S	RAIL	43103	CA	0.8
61287	5265	S	R	43751	A	0.1
60287	5265	S	RAIL	43103	CB	0.4
52787	5265	S	R	45736	A	1.2
61187	5265	S	RAIL	580035	CA	0.2
61687	5265	S	R	44732	A	0.5
53087	5265	S	RAIL	42993	B	0.5
50987	5265	S	R	44294	A	1.6
61787	5265	S	RAIL	45714	B	2.1
51487	5265	S	RAIL	41014	CB	0.1
53087	5265	S	RAIL	42993	CB	1.1
50987	5265	S	RAIL	44294	CB	0.3
52787	5265	S	RAIL	45736	CA	0.1
61687	5265	S	RAIL	44732	B	0.9
51187	5265	S	RAIL	41014	CA-BOTTOM	0.1
61687	5265	S	RAIL	44732	CB	0.3
61187	5265	S	RAIL	41646	B	0.3
51587	5265	S	RAIL	43011	B	0.3
51187	5265	S	RAIL	41014	CB-BOTTOM	3.5
61687	5265	S	RAIL	44732	CA	0.8
52887	5265	S	RAIL	43854	CA	0.3
51587	5265	S	R	43011	A	0.4
61287	5265	S	RAIL	43751	B	0.1
60987	5265	S	R	45785	A	0.1
52187	5265	S	RAIL	45814	B	0.1
51187	5265	S	R	41014	A-BOTTOM	3.4
61287	5265	S	RAIL	43751	CB	0.1
61187	5265	S	RAIL	580035	CB	1.1
60987	5265	S	RAIL	45785	CB	0.1

61887	5265	S	RAIL	42993	CA	0.1
61287	5265	S	RAIL	43751	CA	0.2
61187	5265	S	RAIL	41646	CB	1.4
61887	5265	S	RAIL	42993	CB	0.8
61187	5265	S	R	41646	A	0.6
51187	5265	S	RAIL	41014	B-BOTTOM	0.3
61087	5265	S	R	41646	C	1.3
51487	5265	S	RAIL	42887	CA	0.5
51487	5265	S	RAIL	41014	CA	0.1
52887	5265	S	RAIL	43854	B	0.4
51587	5265	S	RAIL	43011	CA	1.9
51587	5265	S	RAIL	45794	CA	0.1
52187	5265	S	RAIL	45814	CA	0.1
61587	5265	S	R	45852	A	0.3
51587	5265	S	RAIL	45794	CB	0.1
53087	5265	S	RAIL	42993	CA	1

Avg	0.543809
STD	0.683398
VAR	0.467033
%OVER2	3.81

60987	5305	S	RAIL	580059	CA	0.4
52587	5305	S	RAIL	43693	CB	0.2
52487	5305	S	R	43098	A	0.1
63087	5305	S	RAIL	43007	B	0.1
52687	5305	S	R	42684	A	0.3
52107	5305	S	RAIL	43098	B	0.8
52087	5305	S	R	43310	A	0.5
60587	5305	S	RAIL	41612	B	0.6
50587	5305	S	RAIL	43007	CA	0.1
5.0387	5305	S	RAIL	45760	CB	0.1
52087	5305	S	RAIL	43310	CA	0.1
70187	5305	S	RAIL	45872	B	0.1
52087	5305	S	RAIL	45732	B-BOTTOM	0.2
60587	5305	S	RAIL	42662	CA	0.4
70187	5305	S	RAIL	45872	CB	0.1
52487	5305	S	RAIL	43098	CB	0.1
52587	5305	S	RAIL	43693	CA	0.1
70187	5305	S	RAIL	45870	CA	0.1
63087	5305	S	RAIL	45900	CA	0.1
52087	5305	S	RAIL	42669	CB	0.3
52087	5305	S	RAIL	43310	CB	0.6
70187	5305	S	RAIL	45870	B	0.1
60587	5305	S	RAIL	41612	CB	0.1
52087	5305	S	RAIL	42669	B	0.1
60587	5305	S	RAIL	42662	CB	0.1
70187	5305	S	RAIL	45872	CB	0.1
52587	5305	S	RAIL	43693	B	0.2
52087	5305	S	RAIL	45732	CA	0.1
5.0387	5305	S	RAIL	45760	B	0.1
52087	5305	S	RAIL	45732	CB	3.6
63087	5305	S	RAIL	45900	B	0.1
50587	5305	S	RAIL	43007	B	0.1
70187	5305	S	RAIL	45872	CA	0.2
52087	5305	S	RAIL	42669	CA	0.1
52087	5305	S	RAIL	45732	B	2.9