50-305

RESPONSE TO NUREG-0737 ITEM II.D.1

Docket # 50-305
Control # 8403280048
Date 3/23/84 of Document:
REGULATORY DOCKET FILE

48020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
48030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48040000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
48050000	0	11	0	0	0	0	0	0	0	0	0	0	0	0
48060000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
48070000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
48080000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
48090000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
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50020000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
50030000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
50040000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
50050000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
52010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
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54100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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54200000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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54300000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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54510000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54520000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
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54500000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
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54920000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54930000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54940000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54950000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
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56110000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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56190000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56200000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56210000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
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56300000	7	8	0	0	0	0	0	0	0	0	0	0	0	0
56310000	2	3	0	0	0	0	0	0	0	0	0	0	0	0
56320000	3	3	0	0	0	0	0	0	0	0	0	0	0	0
56330000	4	4	0	0	0	0	0	0	0	0	0	0	0	0
56340000	2	2	0	0	0	0	0	0	0	0	0	0	0	0
56350000	2	2	0	0	0	0	0	0	0	0	0	0	0	0
58010000	3	3	0	0	0	0	0	0	0	0	0	0	0	0
58020000	2	2	0	0	0	0	0	0	0	0	0	0	0	0
58030000	3	3	0	0	0	0	0	0	0	0	0	0	0	0
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56140000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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56200000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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56270000	6	6	0	0	0	0	0	0	0	0	0	0	0	0
56280000	8	8	0	0	0	0	0	0	0	0	0	0	0	0
56290000	6	7	0	0	0	0	0	0	0	0	0	0	0	0
56300000	7	8	0	0	0	0	0	0	0	0	0	0	0	0
56310000	2	3	0	0	0	0	0	0	0	0	0	0	0	0
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58030000	3	3	0	0	0	0	0	0	0	0	0	0	0	0
58040000	2	2	0	0	0	0	0	0	0	0	0	0	0	0
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58070000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60010000	1	1	0	0	0	0	0	0	0	0	0	0	0	0
60020000	1	1	0	0	0	0	0	0	0	0	0	0	0	0
60030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62020000	3	5	0	0	0	0	0	0	0	0	0	0	0	0
64010000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
66010000	0	55	0	0	0	0	0	0	0	0	0	0	0	0
68010000	33	64	0	0	0	0	8	0	0	0	0	0	0	0
69010000	15	15	0	0	0	0	0	0	0	0	0	0	0	0
70010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73010000	1	1	0	0	0	0	0	0	0	0	0	0	0	0
75010000	0	1	0	0	0	0	0	0	0	1	0	0	0	0
76010000	93	209	0	0	0	0	0	0	0	0	0	20	0	0
76020000	0	10	0	0	0	0	0	1	0	0	0	28	0	0
76030000	0	28	0	0	0	0	0	0	0	0	200	500	100	190
76040000	0	1	0	0	0	0	0	0	0	0	0	644	0	155
79010000	0	14	0	0	0	0	0	0	0	0	0	0	0	0
81010000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
83010000	0	5	0	0	0	0	0	0	0	0	0	0	0	0
83020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
85010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
87010000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
89010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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93010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95010000	0	34	0	0	0	0	0	2	0	0	0	12	0	6
96010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
97010000	0	1	0	0	0	0	0	0	0	0	0	158	0	18
99010000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
L01010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
L03010000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
L03020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L05010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
L05020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
L07010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L09010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L11010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L11020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L11030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L13010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L14010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L14020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
L14030000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
L36010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L78010000	0	8	0	0	0	0	0	0	0	0	0	3	0	0
L93010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L95010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
L95020000	0	407	0	2	0	0	0	12	0	1	0	3	0	1
L98010000	0	5	0	0	0	0	0	0	0	0	0	0	0	0

JUN.NO.	FROM VOL.	TO VOL.	LIQ. VEL. (FT/SEC)	VAP. VEL. (FT/SEC)	MASS FLOW (LB/SEC)	JUN.AREA (FT2)	THROAT RATIO	JUNCTION FLAGS	CHOKE FLAG	NO.ADVS. EDIT	CHOKED TOTAL

93010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95010000	0	34	0	0	0	0	0	2	0	0	0	12	0	6
96010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
97010000	0	1	0	0	0	0	0	0	0	0	0	158	0	18
99010000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
101010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
103010000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
103020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
105020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
107010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
114030000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
136010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178010000	0	8	0	0	0	0	0	0	0	0	0	3	0	0
193010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
195020000	0	407	0	2	0	0	0	12	0	1	0	3	0	1
198010000	0	5	0	0	0	0	0	0	0	0	0	0	0	0

JUN.NO.	FROM VOL.	TO VOL.	LIQ. VEL. (FT/SEC)	VAP. VEL. (FT/SEC)	MASS FLOW (LB/SEC)	JUN.AREA (FT2)	THROAT RATIO	JUNCTION FLAGS	CHOKE FLAG	NO.ADVS.CHOKED EDIT	TOTAL
C-36	PIPE	COMPONENT									
36010000	36010000	36020000	741.62	741.62	111.64	0.20100	1.0000	1000	0	0	0
36020000	36020000	36030000	921.17	921.17	111.67	0.20100	1.0000	1000	0	0	0
C-96-040	SNGLJUN	COMPONENT									
37000000	96010000	40010000	175.82	175.82	20.990	0.20100	1.0000	0	0	0	10
C-38	PIPE	COMPONENT									
38010000	38010000	38020000	64.066	64.066	21.065	0.54800	1.0000	1000	0	0	0
38020000	38020000	38030000	64.173	64.173	21.114	0.54800	1.0000	1000	0	0	0
38030000	38030000	38040000	64.269	64.269	21.160	0.54800	1.0000	1000	0	0	0
38040000	38040000	38050000	64.354	64.354	21.196	0.54800	1.0000	1000	0	0	0
38050000	38050000	38060000	64.438	64.438	21.218	0.54800	1.0000	1000	0	0	0
38060000	38060000	38070000	64.529	64.529	21.229	0.54800	1.0000	1000	0	0	0
C-40-38	SNGLJUN	COMPONENT									
39000000	40010000	38010000	93.347	93.347	21.016	0.37500	1.0000	1000	0	0	0
C-38-42	SNGLJUN	COMPONENT									
41000000	38070000	42010000	64.616	64.616	21.247	0.54800	1.0000	1000	0	0	0
C-42-44	SNGLJUN	COMPONENT									
43000000	42010000	44010000	176.46	176.46	21.193	0.20100	1.0000	100	0	0	148
C-44-46	SNGLJUN	COMPONENT									
45000000	44010000	46010000	858.53	858.53	60.325	0.20100	1.0000	100	0	0	150
C-46	PIPE	COMPONENT									
46010000	46010000	46020000	246.68	246.68	60.355	0.54800	1.0000	1000	0	0	0
46020000	46020000	46030000	244.39	244.39	60.375	0.54800	1.0000	1000	0	0	0
C-46-48	SNGLJUN	COMPONENT									
47000000	46030000	114010000	244.48	244.48	60.397	0.54800	1.0000	1000	0	0	0
C-48	PIPE	COMPONENT									
48010000	48010000	48020000	454.85	454.85	60.760	0.54800	1.0000	1000	0	0	0
48020000	48020000	48030000	476.06	476.06	60.878	0.54800	1.0000	1000	0	0	0
48030000	48030000	48040000	479.98	479.98	60.997	0.54800	1.0000	1000	0	0	0
48040000	48040000	48050000	481.68	481.68	61.117	0.54800	1.0000	1000	0	0	0
48050000	48050000	48060000	483.00	483.00	61.238	0.54800	1.0000	1000	0	0	0
48060000	48060000	48070000	484.26	484.26	61.359	0.54800	1.0000	1000	0	0	0
48070000	48070000	48080000	485.51	485.51	61.482	0.54800	1.0000	1000	0	0	0
48080000	48080000	48090000	486.74	486.74	61.605	0.54800	1.0000	1000	0	0	0
C-48-50	SNGLJUN	COMPONENT									
49000000	48090000	50010000	487.97	487.97	61.730	0.54800	1.0000	1000	0	0	0
C-50	PIPE	COMPONENT									
50010000	50010000	50020000	495.38	495.38	61.860	0.54800	1.0000	1000	0	0	0
50020000	50020000	50030000	497.45	497.45	61.992	0.54800	1.0000	1000	0	0	0
50030000	50030000	50040000	498.83	498.83	62.126	0.54800	1.0000	1000	0	0	0
50040000	50040000	50050000	500.09	500.09	62.262	0.54800	1.0000	1000	0	0	0
C-50-52	SNGLJUN	COMPONENT									
51000000	50050000	52010000	501.33	501.33	62.402	0.54800	1.0000	1000	0	0	0
C-52-54	SNGLJUN	COMPONENT									
53000000	52010000	54010000	502.52	502.52	62.536	0.54800	1.0000	1000	0	0	0
C-54	PIPE	COMPONENT									
54010000	54010000	54020000	526.11	526.11	62.684	0.54800	1.0000	1000	0	0	0
54020000	54020000	54030000	530.80	530.80	62.833	0.54800	1.0000	1000	0	0	0
54030000	54030000	54040000	532.70	532.70	62.986	0.54800	1.0000	1000	0	0	0
54040000	54040000	54050000	534.14	534.14	63.142	0.54800	1.0000	1000	0	0	0
54050000	54050000	54060000	535.49	535.49	63.302	0.54800	1.0000	1000	0	0	0
54060000	54060000	54070000	536.80	536.80	63.467	0.54800	1.0000	1000	0	0	0
54070000	54070000	54080000	538.10	538.10	63.635	0.54800	1.0000	1000	0	0	0
54080000	54080000	54090000	539.37	539.37	63.808	0.54800	1.0000	1000	0	0	0
54090000	54090000	54100000	540.63	540.63	63.985	0.54800	1.0000	1000	0	0	0
54100000	54100000	54110000	541.87	541.87	64.165	0.54800	1.0000	1000	0	0	0
54110000	54110000	54120000	543.08	543.08	64.349	0.54800	1.0000	1000	0	0	0
54120000	54120000	54130000	544.25	544.25	64.536	0.54800	1.0000	1000	0	0	0
54130000	54130000	54140000	545.40	545.40	64.725	0.54800	1.0000	1000	0	0	0
54140000	54140000	54150000	546.51	546.51	64.917	0.54800	1.0000	1000	0	0	0
54150000	54150000	54160000	547.57	547.57	[illegible]	[illegible]	[illegible]	1000	[illegible]	[illegible]	[illegible]

48070000	48070000	48080000	485.51	485.51	61.482	0.54800	1.0000	1000	0	0	0
48080000	48080000	48090000	486.74	486.74	61.605	0.54800	1.0000	1000	0	0	0
C-48-50 SNGLJUN COMPONENT											
49000000	48090000	50010000	487.97	487.97	61.730	0.54800	1.0000	1000	0	0	0
C-50 PIPE COMPONENT											
50010000	50010000	50020000	495.38	495.38	61.860	0.54800	1.0000	1000	0	0	0
50020000	50020000	50030000	497.45	497.45	61.992	0.54800	1.0000	1000	0	0	0
50030000	50030000	50040000	498.83	498.83	62.126	0.54800	1.0000	1000	0	0	0
50040000	50040000	50050000	500.09	500.09	62.262	0.54800	1.0000	1000	0	0	0
C-50-52 SNGLJUN COMPONENT											
51000000	50050000	52010000	501.33	501.33	62.402	0.54800	1.0000	1000	0	0	0
C-52-54 SNGLJUN COMPONENT											
53000000	52010000	54010000	502.52	502.52	62.536	0.54800	1.0000	1000	0	0	0
C-54 PIPE COMPONENT											
54010000	54010000	54020000	526.11	526.11	62.684	0.54800	1.0000	1000	0	0	0
54020000	54020000	54030000	530.80	530.80	62.833	0.54800	1.0000	1000	0	0	0
54030000	54030000	54040000	532.70	532.70	62.986	0.54800	1.0000	1000	0	0	0
54040000	54040000	54050000	534.14	534.14	63.142	0.54800	1.0000	1000	0	0	0
54050000	54050000	54060000	535.49	535.49	63.302	0.54800	1.0000	1000	0	0	0
54060000	54060000	54070000	536.80	536.80	63.467	0.54800	1.0000	1000	0	0	0
54070000	54070000	54080000	538.10	538.10	63.635	0.54800	1.0000	1000	0	0	0
54080000	54080000	54090000	539.37	539.37	63.808	0.54800	1.0000	1000	0	0	0
54090000	54090000	54100000	540.63	540.63	63.985	0.54800	1.0000	1000	0	0	0
54100000	54100000	54110000	541.87	541.87	64.165	0.54800	1.0000	1000	0	0	0
54110000	54110000	54120000	543.08	543.08	64.349	0.54800	1.0000	1000	0	0	0
54120000	54120000	54130000	544.25	544.25	64.536	0.54800	1.0000	1000	0	0	0
54130000	54130000	54140000	545.40	545.40	64.725	0.54800	1.0000	1000	0	0	0
54140000	54140000	54150000	546.51	546.51	64.917	0.54800	1.0000	1000	0	0	0
54150000	54150000	54160000	547.57	547.57	65.110	0.54800	1.0000	1000	0	0	0
54160000	54160000	54170000	548.58	548.58	65.305	0.54800	1.0000	1000	0	0	0
54170000	54170000	54180000	549.55	549.55	65.501	0.54800	1.0000	1000	0	0	0
54180000	54180000	54190000	550.46	550.46	65.699	0.54800	1.0000	1000	0	0	0
54190000	54190000	54200000	551.31	551.31	65.898	0.54800	1.0000	1000	0	0	0
54200000	54200000	54210000	552.10	552.10	66.098	0.54800	1.0000	1000	0	0	0
54210000	54210000	54220000	552.84	552.84	66.299	0.54800	1.0000	1000	0	0	0
54220000	54220000	54230000	553.51	553.51	66.502	0.54800	1.0000	1000	0	0	0
54230000	54230000	54240000	554.12	554.12	66.707	0.54800	1.0000	1000	0	0	0
54240000	54240000	54250000	554.66	554.66	66.912	0.54800	1.0000	1000	0	0	0
54250000	54250000	54260000	555.13	555.13	67.120	0.54800	1.0000	1000	0	0	0
54260000	54260000	54270000	555.53	555.53	67.328	0.54800	1.0000	1000	0	0	0
54270000	54270000	54280000	555.85	555.85	67.536	0.54800	1.0000	1000	0	0	0
54280000	54280000	54290000	556.09	556.09	67.744	0.54800	1.0000	1000	0	0	0
54290000	54290000	54300000	556.23	556.23	67.951	0.54800	1.0000	1000	0	0	0
54300000	54300000	54310000	556.27	556.27	68.155	0.54800	1.0000	1000	0	0	0
54310000	54310000	54320000	556.21	556.21	68.357	0.54800	1.0000	1000	0	0	0
54320000	54320000	54330000	556.03	556.03	68.556	0.54800	1.0000	1000	0	0	0
54330000	54330000	54340000	555.72	555.72	68.751	0.54800	1.0000	1000	0	0	0
54340000	54340000	54350000	555.29	555.29	68.945	0.54800	1.0000	1000	0	0	0
54350000	54350000	54360000	554.73	554.73	69.137	0.54800	1.0000	1000	0	0	0
54360000	54360000	54370000	554.04	554.04	69.329	0.54800	1.0000	1000	0	0	0
54370000	54370000	54380000	553.22	553.22	69.525	0.54800	1.0000	1000	0	0	0
54380000	54380000	54390000	552.28	552.28	69.728	0.54800	1.0000	1000	0	0	0
54390000	54390000	54400000	551.21	551.21	69.942	0.54800	1.0000	1000	0	0	0
54400000	54400000	54410000	550.04	550.04	70.173	0.54800	1.0000	1000	0	0	0
54410000	54410000	54420000	548.75	548.75	70.429	0.54800	1.0000	1000	0	0	0
54420000	54420000	54430000	547.37	547.37	70.718	0.54800	1.0000	1000	0	0	0
54430000	54430000	54440000	545.91	545.91	71.051	0.54800	1.0000	1000	0	0	0
54440000	54440000	54450000	544.37	544.37	71.444	0.54800	1.0000	1000	0	0	0
54450000	54450000	54460000	542.77	542.77	71.917	0.54800	1.0000	1000	0	0	0
54460000	54460000	54470000	541.12	541.12	72.498	0.54800	1.0000	1000	0	0	0
54470000	54470000	54480000	539.44	539.44	73.222	0.54800	1.0000	1000	0	0	0
54480000	54480000	54490000	537.73	537.73	74.142	0.54800	1.0000	1000	0	0	0
54490000	54490000	54500000	536.01	536.01	75.325	0.54800	1.0000	1000	0	0	0
54500000	54500000	54510000	534.29	534.29	76.869	0.54800	1.0000	1000	0	0	0
54510000	54510000	54520000	532.57	532.57	78.899	0.54800	1.0000	1000	0	0	0
54520000	54520000	54530000	530.87	530.87	81.590	0.54800	1.0000	1000	0	0	0
54530000	54530000	54540000	529.18	529.18	85.166	0.54800	1.0000	1000	0	0	0
54540000	54540000	54550000	527.51	527.51	89.918	0.54800	1.0000	1000	0	0	0
54550000	54550000	54560000	525.87	525.87	96.192	0.54800	1.0000	1000	0	0	0
54560000	54560000	54570000	524.26	524.26	104.37	0.54800	1.0000	1000	0	0	0
54570000	54570000	54580000	522.70	522.70	114.79	0.54800	1.0000	1000	0	0	0
54580000	54580000	54590000	521.19	521.19	127.63	0.54800	1.0000	1000	0	0	0
54590000	54590000	54600000	519.75	519.75	142.71	0.54800	1.0000	1000	0	0	0
54600000	54600000	54610000	518.39	518.39	159.32	0.54800	1.0000	1000	0	0	0
54610000	54610000	54620000	517.13	517.13	176.17	0.54800	1.0000	1000	0	0	0
54620000	54620000	54630000	516.51	516.51	191.45	0.54800	1.0000	1000	0	0	0
54630000	54630000	54640000	525.40	514.18	209.17	0.54800	1.0000	1000	0	0	0
54640000	54640000	54650000	529.84	513.07	227.02	0.54800	1.0000	1000	0	0	0
54650000	54650000	54660000	530.15	511.52	240.63	0.54800	1.0000	1000	0	0	0
54660000	54660000	54670000	528.54	510.01	248.72	0.54800	1.0000	1000	0	0	0
54670000	54670000	54680000	526.36	508.55	252.03	0.54800	1.0000	1000	0	0	0
54680000	54680000	54690000	524.38	507.07	252.23	0.54800	1.0000	1000	0	0	0
54690000	54690000	54700000	522.93	505.53	251.10	0.54800	1.0000	1000	0	0	0
54700000	54700000	54710000	522.11	503.94	249.96	0.54800	1.0000	1000	0	0	0
54710000	54710000	54720000	521.84	502.28	249.58	0.54800	1.0000	1000	0	0	0
54720000	54720000	54730000	522.02	500.54	250.32	0.54800	1.0000	1000	0	0	0
54730000	54730000	54740000	522.50	498.70	252.21	0.54800	1.0000	1000	0	0	0
54740000	54740000	54750000	523.16	496.76	255.14	0.54800	1.0000	1000	0	0	0

54470000	54470000	54480000	539.44	539.44	73.222	0.54800	1.0000	1000	0	0	0
54480000	54480000	54490000	537.73	537.73	74.142	0.54800	1.0000	1000	0	0	0
54490000	54490000	54500000	536.01	536.01	75.325	0.54800	1.0000	1000	0	0	0
54500000	54500000	54510000	534.29	534.29	76.869	0.54800	1.0000	1000	0	0	0
54510000	54510000	54520000	532.57	532.57	78.899	0.54800	1.0000	1000	0	0	0
54520000	54520000	54530000	530.87	530.87	81.590	0.54800	1.0000	1000	0	0	0
54530000	54530000	54540000	529.18	529.18	85.166	0.54800	1.0000	1000	0	0	0
54540000	54540000	54550000	527.51	527.51	89.918	0.54800	1.0000	1000	0	0	0
54550000	54550000	54560000	525.87	525.87	96.192	0.54800	1.0000	1000	0	0	0
54560000	54560000	54570000	524.26	524.26	104.37	0.54800	1.0000	1000	0	0	0
54570000	54570000	54580000	522.70	522.70	114.79	0.54800	1.0000	1000	0	0	0
54580000	54580000	54590000	521.19	521.19	127.63	0.54800	1.0000	1000	0	0	0
54590000	54590000	54600000	519.75	519.75	142.71	0.54800	1.0000	1000	0	0	0
54600000	54600000	54610000	518.39	518.39	159.32	0.54800	1.0000	1000	0	0	0
54610000	54610000	54620000	517.13	517.13	176.17	0.54800	1.0000	1000	0	0	0
54620000	54620000	54630000	516.51	516.51	191.45	0.54800	1.0000	1000	0	0	0
54630000	54630000	54640000	525.40	514.18	209.17	0.54800	1.0000	1000	0	0	0
54640000	54640000	54650000	529.84	513.07	227.02	0.54800	1.0000	1000	0	0	0
54650000	54650000	54660000	530.15	511.52	240.63	0.54800	1.0000	1000	0	0	0
54660000	54660000	54670000	528.54	510.01	248.72	0.54800	1.0000	1000	0	0	0
54670000	54670000	54680000	526.36	508.55	252.03	0.54800	1.0000	1000	0	0	0
54680000	54680000	54690000	524.38	507.07	252.23	0.54800	1.0000	1000	0	0	0
54690000	54690000	54700000	522.93	505.53	251.10	0.54800	1.0000	1000	0	0	0
54700000	54700000	54710000	522.11	503.94	249.96	0.54800	1.0000	1000	0	0	0
54710000	54710000	54720000	521.84	502.28	249.58	0.54800	1.0000	1000	0	0	0
54720000	54720000	54730000	522.02	500.54	250.32	0.54800	1.0000	1000	0	0	0
54730000	54730000	54740000	522.50	498.70	252.21	0.54800	1.0000	1000	0	0	0
54740000	54740000	54750000	523.16	496.76	255.14	0.54800	1.0000	1000	0	0	0
54750000	54750000	54760000	523.92	494.71	258.96	0.54800	1.0000	1000	0	0	0
54760000	54760000	54770000	524.71	492.55	263.50	0.54800	1.0000	1000	0	0	0
54770000	54770000	54780000	525.47	490.30	268.60	0.54800	1.0000	1000	0	0	0
54780000	54780000	54790000	526.13	487.95	274.15	0.54800	1.0000	1000	0	0	0
54790000	54790000	54800000	526.61	485.52	280.03	0.54800	1.0000	1000	0	0	0
54800000	54800000	54810000	526.88	483.00	286.12	0.54800	1.0000	1000	0	0	0
54810000	54810000	54820000	526.90	480.38	292.32	0.54800	1.0000	1000	0	0	0
54820000	54820000	54830000	526.68	477.65	298.53	0.54800	1.0000	1000	0	0	0
54830000	54830000	54840000	526.21	474.81	304.69	0.54800	1.0000	1000	0	0	0
54840000	54840000	54850000	525.48	471.83	310.70	0.54800	1.0000	1000	0	0	0
54850000	54850000	54860000	524.49	468.70	316.51	0.54800	1.0000	1000	0	0	0
54860000	54860000	54870000	523.23	465.40	322.03	0.54800	1.0000	1000	0	0	0
54870000	54870000	54880000	521.71	461.90	327.21	0.54800	1.0000	1000	0	0	0
54880000	54880000	54890000	519.90	458.17	331.97	0.54800	1.0000	1000	0	0	0
54890000	54890000	54900000	517.79	454.18	336.25	0.54800	1.0000	1000	0	0	0
54900000	54900000	54910000	515.36	449.87	340.00	0.54800	1.0000	1000	0	0	0
54910000	54910000	54920000	512.57	445.20	343.16	0.54800	1.0000	1000	0	0	0
54920000	54920000	54930000	509.39	440.10	345.69	0.54800	1.0000	1000	0	0	0
54930000	54930000	54940000	505.66	434.51	347.57	0.54800	1.0000	1000	0	0	0
54940000	54940000	54950000	502.84	428.26	348.81	0.54800	1.0000	1000	0	0	0
:-54-56 SNGLJUN COMPONENT											
55000000	54950000	56010000	463.71	422.88	349.58	0.54800	1.0000	1000	0	0	0
:-56 PIPE COMPONENT											
56010000	56010000	56020000	463.01	425.10	349.84	0.54800	1.0000	1000	0	0	0
56020000	56020000	56030000	461.61	421.59	349.62	0.54800	1.0000	1000	0	0	0
56030000	56030000	56040000	459.48	417.23	349.23	0.54800	1.0000	1000	0	0	0
56040000	56040000	56050000	456.61	412.63	348.63	0.54800	1.0000	1000	0	0	0
56050000	56050000	56060000	453.06	407.86	347.49	0.54800	1.0000	1000	0	0	0
56060000	56060000	56070000	448.90	402.93	345.16	0.54800	1.0000	1000	0	0	0
56070000	56070000	56080000	444.24	397.81	340.87	0.54800	1.0000	1000	0	0	0
56080000	56080000	56090000	439.18	392.53	334.03	0.54800	1.0000	1000	0	0	0
56090000	56090000	56100000	433.86	387.09	324.40	0.54800	1.0000	1000	0	0	0
56100000	56100000	56110000	428.44	381.51	312.31	0.54800	1.0000	1000	0	0	0
56110000	56110000	56120000	423.04	375.82	298.59	0.54800	1.0000	1000	0	0	0
56120000	56120000	56130000	417.80	370.03	284.43	0.54800	1.0000	1000	0	0	0
56130000	56130000	56140000	412.78	364.15	271.10	0.54800	1.0000	1000	0	0	0
56140000	56140000	56150000	407.97	358.19	259.69	0.54800	1.0000	1000	0	0	0
56150000	56150000	56160000	403.30	352.13	250.95	0.54800	1.0000	1000	0	0	0
56160000	56160000	56170000	398.62	345.97	245.24	0.54800	1.0000	1000	0	0	0
56170000	56170000	56180000	393.78	339.71	242.60	0.54800	1.0000	1000	0	0	0
56180000	56180000	56190000	388.64	333.33	242.90	0.54800	1.0000	1000	0	0	0
56190000	56190000	56200000	383.05	326.84	246.11	0.54800	1.0000	1000	0	0	0
56200000	56200000	56210000	376.92	320.23	252.67	0.54800	1.0000	1000	0	0	0
56210000	56210000	56220000	370.10	313.47	263.98	0.54800	1.0000	1000	0	0	0
56220000	56220000	56230000	362.42	306.51	283.08	0.54800	1.0000	1000	0	0	0
56230000	56230000	56240000	353.67	299.19	315.21	0.54800	1.0000	1000	0	0	0
56240000	56240000	56250000	343.65	291.17	367.57	0.54800	1.0000	1000	0	0	0
56250000	56250000	56260000	332.29	281.93	446.91	0.54800	1.0000	1000	0	0	0
56260000	56260000	56270000	319.87	271.10	554.37	0.54800	1.0000	1000	0	0	0
56270000	56270000	56280000	307.01	259.36	680.00	0.54800	1.0000	1000	0	0	0
56280000	56280000	56290000	294.69	248.31	803.43	0.54800	1.0000	1000	0	0	0
56290000	56290000	56300000	283.71	238.96	901.99	0.54800	1.0000	1000	0	0	0
56300000	56300000	56310000	274.30	231.31	959.04	0.54800	1.0000	1000	0	0	0
56310000	56310000	56320000	266.10	224.89	966.66	0.54800	1.0000	1000	0	0	0
56320000	56320000	56330000	258.15	218.68	921.59	0.54800	1.0000	1000	0	0	0
56330000	56330000	56340000	249.16	213.56	822.75	0.54800	1.0000	1000	0	0	0
56340000	56340000	56350000	237.00	211.61	673.07	0.54800	1.0000	1000	0	0	0
-56-58 SNGLJUN COMPONENT											
57000000	56350000	58010000	215.24	207.87	480.42	0.54800	1.0000	1000	0	0	0
-58 PIPE COMPONENT											
58010000	58010000	58020000	207.81	207.80	311.25	0.54800	1.0000	1000	0	0	0

56100000	56100000	56110000	426.44	381.51	312.31	0.54800	1.0000	1000	0	0	0
56110000	56110000	56120000	423.04	375.82	298.59	0.54800	1.0000	1000	0	0	0
56120000	56120000	56130000	417.80	370.03	284.43	0.54800	1.0000	1000	0	0	0
56130000	56130000	56140000	412.78	364.15	271.10	0.54800	1.0000	1000	0	0	0
56140000	56140000	56150000	407.97	358.19	259.69	0.54800	1.0000	1000	0	0	0
56150000	56150000	56160000	403.30	352.13	250.95	0.54800	1.0000	1000	0	0	0
56160000	56160000	56170000	398.62	345.97	245.24	0.54800	1.0000	1000	0	0	0
56170000	56170000	56180000	393.78	339.71	242.60	0.54800	1.0000	1000	0	0	0
56180000	56180000	56190000	388.64	333.33	242.90	0.54800	1.0000	1000	0	0	0
56190000	56190000	56200000	383.05	326.84	246.11	0.54800	1.0000	1000	0	0	0
56200000	56200000	56210000	376.92	320.23	252.67	0.54800	1.0000	1000	0	0	0
56210000	56210000	56220000	370.10	313.47	263.98	0.54800	1.0000	1000	0	0	0
56220000	56220000	56230000	362.42	306.51	283.08	0.54800	1.0000	1000	0	0	0
56230000	56230000	56240000	353.67	299.19	315.21	0.54800	1.0000	1000	0	0	0
56240000	56240000	56250000	343.65	291.17	367.57	0.54800	1.0000	1000	0	0	0
56250000	56250000	56260000	332.29	281.93	446.91	0.54800	1.0000	1000	0	0	0
56260000	56260000	56270000	319.87	271.10	554.37	0.54800	1.0000	1000	0	0	0
56270000	56270000	56280000	307.01	259.36	680.00	0.54800	1.0000	1000	0	0	0
56280000	56280000	56290000	294.69	248.31	803.43	0.54800	1.0000	1000	0	0	0
56290000	56290000	56300000	283.71	238.96	901.99	0.54800	1.0000	1000	0	0	0
56300000	56300000	56310000	274.30	231.31	959.04	0.54800	1.0000	1000	0	0	0
56310000	56310000	56320000	266.10	224.89	966.66	0.54800	1.0000	1000	0	0	0
56320000	56320000	56330000	258.15	218.68	921.59	0.54800	1.0000	1000	0	0	0
56330000	56330000	56340000	249.16	213.56	822.75	0.54800	1.0000	1000	0	0	0
56340000	56340000	56350000	237.00	211.61	673.07	0.54800	1.0000	1000	0	0	0
-56-58	SNGLJUN	COMPONENT									
57000000	56350000	58010000	215.24	207.87	480.42	0.54800	1.0000	1000	0	0	0
-58	PIPE	COMPONENT									
58010000	58010000	58020000	207.81	207.80	311.25	0.54800	1.0000	1000	0	0	0
58020000	58020000	58030000	205.92	205.92	204.85	0.54800	1.0000	1000	0	0	0
58030000	58030000	58040000	206.01	206.01	139.13	0.54800	1.0000	1000	0	0	0
58040000	58040000	58050000	202.50	202.50	96.730	0.54800	1.0000	1000	0	0	0
58050000	58050000	58060000	197.58	197.58	70.561	0.54800	1.0000	1000	0	0	0
58060000	58060000	58070000	194.87	194.87	55.042	0.54800	1.0000	1000	0	0	0
-58-60	SNGLJUN	COMPONENT									
59000000	58070000	60010000	187.57	187.57	44.513	0.54800	1.0000	1000	0	0	0
-60	PIPE	COMPONENT									
60010000	60010000	60020000	168.15	168.15	35.299	0.54800	1.0000	1000	0	0	0
60020000	60020000	60030000	112.11	112.11	22.320	0.54800	1.0000	1000	0	0	0
-60-62	SNGLJUN	COMPONENT									
61000000	60030000	62010000	113.34	113.34	18.518	0.54800	1.0000	1000	0	0	0
-62	PIPE	COMPONENT									
62010000	62010000	62020000	120.64	120.64	18.061	0.54800	1.0000	1000	0	0	0
-62-64	SNGLJUN	COMPONENT									
63000000	62020000	64010000	126.97	126.97	22.750	0.54800	1.0000	1000	0	0	0
-64-66	SNGLJUN	COMPONENT									
65000000	64010000	66010000	60.594	88.469	117.26	0.54800	1.0000	1000	0	0	0
-66-68	SNGLJUN	COMPONENT									
67000000	66010000	68010000	72.967	91.685	363.21	0.54800	1.0000	1000	0	0	0
-69	BRANCH	COMPONENT									
69010000	68010000	69010000	82.555	88.131	817.91	0.54800	1.0000	1000	0	0	0
69020000	69010000	73010000	88.518	88.518	972.54	0.27300	1.0000	0	0	0	0
69030000	69010000	70010000	51.061	52.213	1126.2	0.54800	1.0000	1000	0	0	0
-70	BRANCH	COMPONENT									
70010000	70010000	73010000	61.156	61.156	944.80	0.27300	1.0000	0	0	0	0
70020000	70010000	71010000	22.272	23.274	690.69	0.54800	1.0000	1000	0	0	0
-71-73	SNGLJUN	COMPONENT									
72000000	71010000	73010000	42.805	42.805	748.03	0.28500	1.0000	0	0	0	0
-73-75	SNGLJUN	COMPONENT									
74000000	73010000	75010000	0.85991	2.6726	5648.4	106.60	1.0000	1000	0	0	0
-76	PIPE	COMPONENT									
76010000	76010000	76020000	787.73	787.73	111.82	0.20100	1.0000	1000	0	0	0
76020000	76020000	76030000	1001.5	1001.5	111.64	0.20100	1.0000	1000	0	0	0
76030000	76030000	76040000	1139.6	1139.6	111.77	0.20100	1.0000	1000	0	0	0
-76-044	SNGLJUN	COMPONENT									
77000000	76040000	44010000	1257.1	1257.1	111.73	0.20100	1.0000	100	1	200	829
178-76	VALVE	COMPONENT									
78000000	178010000	76010000	1039.2	1040.2	112.69	1.70000E-02	1.0000	100	1	200	1382
-81-79	SNGLJUN	COMPONENT									
80000000	81010000	79010000	84.454	84.454	111.83	0.14700	1.0000	1000	0	0	0
-83-81	SNGLJUN	COMPONENT									
82000000	83020000	81010000	84.294	84.294	111.90	0.14700	1.0000	1000	0	0	0
-83	PIPE	COMPONENT									
83010000	83010000	83020000	-1.48668E-02	-1.48668E-02	-1.97347E-02	0.14700	1.0000	1000	0	0	0
-85-83	SNGLJUN	COMPONENT									
84000000	83020000	85010000	-84.291	-84.291	-111.98	0.14700	1.0000	1000	0	0	0
-85	PIPE	COMPONENT									
85010000	85010000	85020000	1.92750E-02	1.92750E-02	2.56072E-02	0.14700	1.0000	1000	0	0	0
-87-85	SNGLJUN	COMPONENT									
86000000	87010000	85010000	84.495	84.495	112.08	0.14700	1.0000	1000	0	0	0
-89-87	SNGLJUN	COMPONENT									
88000000	89010000	87010000	84.465	84.465	112.14	0.14700	1.0000	1000	0	0	0
-91-89	SNGLJUN	COMPONENT									
90000000	91030000	89010000	84.479	84.479	112.23	0.14700	1.0000	1000	0	0	0
-91	PIPE	COMPONENT									
91010000	91010000	91020000	84.518	84.518	112.45	0.14700	1.0000	1000	0	0	0
91020000	91020000	91030000	84.499	84.499	112.34	0.14700	1.0000	1000	0	0	0
-01-91	SNGLJUN	COMPONENT									
92000000	1010000	91010000	84.239	84.239	112.57	0.14700	1.0000	0	0	0	0

-76	PIPE	COMPONENT										
76010000	76010000	76020000	787.73	787.73	111.82	0.20100	1.0000	1000	0	0	0	
76020000	76020000	76030000	1001.5	1001.5	111.64	0.20100	1.0000	1000	0	0	0	
76030000	76030000	76040000	1139.6	1139.6	111.77	0.20100	1.0000	1000	0	0	0	
-76-044	SNGLJUN	COMPONENT										
77000000	76040000	44010000	1257.1	1257.1	111.73	0.20100	1.0000	100	1	200	829	
178-76	VALVE	COMPONENT										
78000000	178010000	76010000	1039.2	1040.2	112.69	1.70000E-02	1.0000	100	1	200	1382	
-81-79	SNGLJUN	COMPONENT										
80000000	81010000	79010000	84.454	84.454	111.83	0.14700	1.0000	1000	0	0	0	
-83-81	SNGLJUN	COMPONENT										
82000000	83020000	81010000	84.294	84.294	111.90	0.14700	1.0000	1000	0	0	0	
-83	PIPE	COMPONENT										
83010000	83010000	83020000	-1.48668E-02	-1.48668E-02	-1.97347E-02	0.14700	1.0000	1000	0	0	0	
-85-83	SNGLJUN	COMPONENT										
84000000	83020000	85010000	-84.291	-84.291	-111.98	0.14700	1.0000	1000	0	0	0	
:-85	PIPE	COMPONENT										
85010000	85010000	85020000	1.92750E-02	1.92750E-02	2.56072E-02	0.14700	1.0000	1000	0	0	0	
:-87-85	SNGLJUN	COMPONENT										
86000000	87010000	85010000	84.495	84.495	112.08	0.14700	1.0000	1000	0	0	0	
:-89-87	SNGLJUN	COMPONENT										
88000000	89010000	87010000	84.465	84.465	112.14	0.14700	1.0000	1000	0	0	0	
:-91-89	SNGLJUN	COMPONENT										
90000000	91030000	89010000	84.479	84.479	112.23	0.14700	1.0000	1000	0	0	0	
:-91	PIPE	COMPONENT										
91010000	91010000	91020000	84.518	84.518	112.45	0.14700	1.0000	1000	0	0	0	
91020000	91020000	91030000	84.499	84.499	112.34	0.14700	1.0000	1000	0	0	0	
:-01-91	SNGLJUN	COMPONENT										
92000000	1010000	91010000	84.239	84.239	112.57	0.14700	1.0000	0	0	0	0	
D	VALVE	COMPONENT										
94000000	95010000	93010000	949.96	949.96	90.716	0.20100	0.81094	100	1	200	1243	
'R-2A	VALVE	COMPONENT										
98000000	198010000	36010000	977.78	1035.8	110.68	1.70000E-02	1.0000	100	1	200	1382	
:-100	SNGLJUN	COMPONENT										
100000000	101010000	99010000	84.523	84.523	111.72	0.14700	1.0000	1000	0	0	0	
:1-103	SNGLJUN	COMPONENT										
102000000	103020000	101010000	84.500	84.500	111.78	0.14700	1.0000	1000	0	0	0	
:-103	PIPE	COMPONENT										
103010000	103010000	103020000	84.512	84.512	111.84	0.14700	1.0000	1000	0	0	0	
:5-103	SNGLJUN	COMPONENT										
104000000	105020000	103010000	84.490	84.490	111.91	0.14700	1.0000	1000	0	0	0	
:-105	PIPE	COMPONENT										
105010000	105010000	105020000	84.510	84.510	112.02	0.14700	1.0000	1000	0	0	0	
:7-105	SNGLJUN	COMPONENT										
106000000	107010000	105010000	84.531	84.531	112.13	0.14700	1.0000	1000	0	0	0	
:9-107	SNGLJUN	COMPONENT										
108000000	109010000	107010000	84.500	84.500	112.19	0.14700	1.0000	1000	0	0	0	
:11-109	SNGLJUN	COMPONENT										
110000000	111030000	109010000	84.514	84.514	112.27	0.14700	1.0000	1000	0	0	0	
:-111	PIPE	COMPONENT										
111010000	111010000	111020000	84.551	84.551	112.50	0.14700	1.0000	1000	0	0	0	
111020000	111020000	111030000	84.533	84.533	112.38	0.14700	1.0000	1000	0	0	0	
:13-111	SNGLJUN	COMPONENT										
112000000	113010000	111010000	84.272	84.272	112.61	0.14700	1.0000	0	0	0	0	
:-114	PIPE	COMPONENT										
114010000	114010000	114020000	245.47	245.47	60.458	0.54800	1.0000	1000	0	0	0	
114020000	114020000	114030000	245.77	245.77	60.548	0.54800	1.0000	1000	0	0	0	
:-119	SNGLJUN	COMPONENT										
119000000	36030000	136010000	1016.2	1016.2	111.65	0.20100	1.0000	1000	0	0	0	
:-120	SNGLJUN	COMPONENT										
120000000	136010000	97010000	1141.8	1141.8	111.67	0.20100	1.0000	100	0	0	683	
:-121	SNGLJUN	COMPONENT										
121000000	97010000	96010000	234.09	234.09	20.973	0.20100	1.0000	100	0	0	3	
:-122	SNGLJUN	COMPONENT										
122000000	97010000	95010000	1012.5	1012.5	90.710	0.20100	0.92039	100	0	0	9	
:-123	SNGLJUN	COMPONENT										
123000000	114030000	48010000	246.05	246.05	60.647	0.54800	0.25000	100	1	200	1188	
RD	VALVE	COMPONENT										
194000000	195020000	193010000	1022.2	1022.2	72.579	0.18800	0.86702	100	1	200	981	
:-195	PIPE	COMPONENT										
195010000	195010000	195020000	993.73	993.73	72.573	0.18800	1.0000	0	0	0	209	
:-44-195	SNGLJUN	COMPONENT										
196000000	44010000	195010000	1032.6	1032.6	72.553	0.20100	1.0000	100	0	0	0	
/-INLET	SNGLJUN	COMPONENT										
278000000	79010000	178010000	730.20	730.20	111.76	1.70000E-02	1.0000	100	0	0	0	
/-INLET	SNGLJUN	COMPONENT										
298000000	99010000	198010000	730.67	730.67	111.62	1.70000E-02	1.0000	100	0	0	0	

JUN.NO.	RHOFJ (LB/FT3)	RHOGJ (LB/FT3)	MAP	REG	FIJ (LB.S/FT4)	VOIDGJ	VOIDD	VOIDT	CCAJ	FORMFJ	FORMGJ
36010000	53.427	0.60237	HRT	TCT	1.601E+17	0.997	0.941	0.941	0.000	0.00	0.00
36020000	54.211	0.47541	HRT	TCT	1.659E+17	0.997	0.470	0.470	0.000	0.00	0.00
37000000	54.150	0.46796	HRT	MST	1.647E+17	0.997	0.563	0.563	0.000	0.00	0.00
38010000	54.114	0.47284	HRT	TST	1.644E+17	0.997	1.00	1.00	0.000	0.00	0.00
38020000	54.114	0.47283	HRT	TST	1.642E+17	0.997	1.00	1.00	5.082E-10	0.00	0.00
38030000	54.114	0.47282	HRT	TST	1.641E+17	0.997	1.00	1.00	1.525E-08	0.00	0.00
38040000	54.114	0.47281	HRT	TST	1.641E+17	0.997	1.00	1.00	2.633E-07	0.00	0.00
38050000	54.114	0.47281	HRT	TST	1.642E+17	0.997	1.00	1.00	2.972E-06	0.00	0.00
38060000	54.114	0.47280	HRT	TST	1.644E+17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
:-121 SNGLJUN COMPONENT												
121000000	97010000	96010000	234.09	234.09	20.973	0.20100	1.0000	100	0	0	683	
:-122 SNGLJUN COMPONENT												
122000000	97010000	95010000	1012.5	1012.5	90.710	0.20100	0.92039	100	0	0	9	
:-123 SNGLJUN COMPONENT												
123000000	114030000	48010000	246.05	246.05	60.647	0.54800	0.25000	100	1	200	1188	
RD VALVE COMPONENT												
194000000	195020000	193010000	1022.2	1022.2	72.579	0.18800	0.86702	100	1	200	981	
:-195 PIPE COMPONENT												
195010000	195010000	195020000	993.73	993.73	72.573	0.18800	1.0000	0	0	0	209	
:-44-195 SNGLJUN COMPONENT												
196000000	44010000	195010000	1032.6	1032.6	72.553	0.20100	1.0000	100	0	0	0	
/-INLET SNGLJUN COMPONENT												
278000000	79010000	178010000	730.20	730.20	111.76	1.70000E-02	1.0000	100	0	0	0	
/-INLET SNGLJUN COMPONENT												
298000000	99010000	158010000	730.67	730.67	111.62	1.70000E-02	1.0000	100	0	0	0	

JUN.NO.	RHOFJ (LB/FT3)	RHOGJ (LB/FT3)	MAP	REG	FIJ (LB.S/FT4)	VOIDGJ	VOIDD	VOIDT	CCAJ	FORMFJ	FORMGJ
36010000	53.427	0.60237	HRT	TCT	1.601E+17	0.997	0.941	0.941	0.000	0.00	0.00
36020000	54.211	0.47541	HRT	TCT	1.659E+17	0.997	0.470	0.470	0.000	0.00	0.00
37000000	54.150	0.46796	HRT	MST	1.647E+17	0.997	0.563	0.563	0.000	0.00	0.00
38010000	54.114	0.47284	HRT	TST	1.644E+17	0.997	1.00	1.00	0.000	0.00	0.00
38020000	54.114	0.47283	HRT	TST	1.642E+17	0.997	1.00	1.00	5.082E-10	0.00	0.00
38030000	54.114	0.47282	HRT	TST	1.641E+17	0.997	1.00	1.00	1.525E-08	0.00	0.00
38040000	54.114	0.47281	HRT	TST	1.641E+17	0.997	1.00	1.00	2.633E-07	0.00	0.00
38050000	54.114	0.47281	HRT	TST	1.642E+17	0.997	1.00	1.00	2.972E-06	0.00	0.00
38060000	54.114	0.47280	HRT	TST	1.644E+17	0.997	1.00	1.00	2.311E-05	0.00	0.00
39000000	54.110	0.47332	HRT	MST	1.645E+17	0.997	1.00	1.00	0.000	0.00	0.00
41000000	54.114	0.47281	HRT	TST	1.592E+17	0.997	1.00	1.00	1.284E-04	0.00	0.00
43000000	54.115	0.47286	HRT	MST	1.640E+17	0.997	0.990	0.993	4.606E-04	1.95E-02	0.31
45000000	55.937	0.26920	HRT	MST	1.809E+17	0.998	0.998	0.998	7.803E-05	0.40	0.40
46010000	55.102	0.35110	HRT	MST	1.779E+17	0.998	0.631	0.631	8.696E-05	0.00	0.00
46020000	55.070	0.35483	HRT	MST	1.778E+17	0.998	1.00	1.00	1.098E-04	0.00	0.00
47000000	55.070	0.35484	HRT	MST	1.778E+17	0.998	1.00	1.00	1.382E-04	0.00	0.00
48010000	56.736	0.19584	HRT	MST	1.940E+17	0.999	1.00	1.00	2.631E-04	0.00	0.00
48020000	56.852	0.18704	HRT	MST	1.940E+17	0.999	1.00	1.00	2.863E-04	0.00	0.00
48030000	56.868	0.18569	HRT	MST	1.940E+17	0.999	1.00	1.00	3.107E-04	0.00	0.00
48040000	56.873	0.18528	HRT	MST	1.940E+17	0.999	1.00	1.00	3.370E-04	0.00	0.00
48050000	56.876	0.18506	HRT	MST	1.940E+17	0.999	1.00	1.00	3.651E-04	0.00	0.00
48060000	56.878	0.18485	HRT	MST	1.940E+17	0.999	1.00	1.00	3.954E-04	0.00	0.00
48070000	56.881	0.18465	HRT	MST	1.940E+17	0.999	1.00	1.00	4.279E-04	0.00	0.00
48080000	56.884	0.18445	HRT	MST	1.940E+17	0.999	1.00	1.00	4.628E-04	0.00	0.00
49000000	56.886	0.18426	HRT	MST	1.940E+17	0.999	1.00	1.00	5.002E-04	0.00	0.00
50010000	56.918	0.18186	VRT	MST	1.940E+17	0.999	1.00	1.00	5.408E-04	0.00	0.00
50020000	56.925	0.18136	VRT	MST	1.940E+17	0.999	1.00	1.00	5.844E-04	0.00	0.00
50030000	56.929	0.18111	VRT	MST	1.940E+17	0.999	1.00	1.00	6.311E-04	0.00	0.00
50040000	56.931	0.18091	VRT	MST	1.940E+17	0.999	1.00	1.00	6.810E-04	0.00	0.00
51000000	56.934	0.18071	VRT	MST	1.940E+17	0.999	1.00	1.00	7.342E-04	0.00	0.00
53000000	56.937	0.18052	HRT	MST	1.940E+17	0.999	1.00	1.00	7.879E-04	0.00	0.00
54010000	57.039	0.17296	VRT	MST	1.940E+17	0.999	1.00	1.00	8.477E-04	0.00	0.00
54020000	57.058	0.17162	VRT	MST	1.940E+17	0.999	1.00	1.00	9.127E-04	0.00	0.00
54030000	57.064	0.17121	VRT	MST	1.940E+17	0.999	1.00	1.00	9.817E-04	0.00	0.00
54040000	57.067	0.17097	VRT	MST	1.940E+17	0.999	1.00	1.00	1.055E-03	0.00	0.00
54050000	57.070	0.17076	VRT	MST	1.940E+17	0.999	1.00	1.00	1.133E-03	0.00	0.00
54060000	57.073	0.17056	VRT	MST	1.940E+17	0.999	1.00	1.00	1.216E-03	0.00	0.00
54070000	57.076	0.17036	VRT	MST	1.940E+17	0.999	1.00	1.00	1.304E-03	0.00	0.00
54080000	57.079	0.17016	VRT	MST	1.940E+17	0.999	1.00	1.00	1.398E-03	0.00	0.00
54090000	57.082	0.16997	VRT	MST	1.940E+17	0.999	1.00	1.00	1.497E-03	0.00	0.00
54100000	57.085	0.16978	VRT	MST	1.940E+17	0.999	1.00	1.00	1.603E-03	0.00	0.00
54110000	57.088	0.16960	VRT	MST	1.940E+17	0.999	1.00	1.00	1.715E-03	0.00	0.00
54120000	57.090	0.16942	VRT	MST	1.940E+17	0.999	1.00	1.00	1.833E-03	0.00	0.00
54130000	57.093	0.16924	VRT	MST	1.940E+17	0.999	1.00	1.00	1.959E-03	0.00	0.00
54140000	57.096	0.16907	VRT	MST	1.940E+17	0.999	1.00	1.00	2.092E-03	0.00	0.00
54150000	57.099	0.16890	VRT	MST	1.940E+17	0.999	1.00	1.00	2.233E-03	0.00	0.00
54160000	57.101	0.16873	VRT	MST	1.940E+17	0.999	1.00	1.00	2.383E-03	0.00	0.00
54170000	57.104	0.16857	VRT	MST	1.940E+17	0.999	1.00	1.00	2.540E-03	0.00	0.00
54180000	57.106	0.16842	VRT	MST	1.940E+17	0.999	1.00	1.00	2.706E-03	0.00	0.00
54190000	57.109	0.16827	VRT	MST	1.940E+17	0.999	1.00	1.00	2.881E-03	0.00	0.00
54200000	57.111	0.16813	VRT	MST	1.940E+17	0.999	1.00	1.00	3.065E-03	0.00	0.00
54210000	57.113	0.16800	VRT	MST	1.940E+17	0.999	1.00	1.00	3.258E-03	0.00	0.00
54220000	57.116	0.16787	VRT	MST	1.940E+17	0.999	1.00	1.00	3.461E-03	0.00	0.00
54230000	57.118	0.16776	VRT	MST	1.940E+17	0.999	1.00	1.00	3.672E-03	0.00	0.00
54240000	57.120	0.16766	VRT	MST	1.940E+17	0.999	1.00	1.00	3.893E-03	0.00	0.00
54250000	57.121	0.16756	VRT	MST	1.940E+17	0.999	1.00	1.00	4.123E-03	0.00	0.00
54260000	57.123	0.16748	VRT	MST	1.940E+17	0.999	1.00	1.00	4.361E-03	0.00	0.00
54270000	57.125	0.16742	VRT	MST	1.940E+17	0.999	1.00	1.00	4.608E-03	0.00	0.00
54280000	57.126	0.16736	VRT	MST	1.940E+17	0.999	1.00	1.00	4.863E-03	0.00	0.00
54290000	57.127	0.16732	VRT	MST	1.940E+17	0.999	1.00	1.00	5.124E-03	0.00	0.00
54300000	57.128	0.16730	VRT	MST	1.940E+17	0.999	1.00	1.00	5.393E-03	0.00	0.00
54310000	57.129	0.16729	VRT	MST	1.938E+17	0.999	1.00	1.00	5.666E-03	0.00	0.00
54320000	57.130	0.16729	VRT	MST	1.935E+17	0.999	1.00	1.00	5.945E-03	0.00	0.00
54330000	57.130	0.16731	VRT	MST	1.933E+17	0.999	1.00	1.00	6.226E-03	0.00	0.00
54340000	57.130	0.16734	VRT	MST	1.929E+17	0.999	1.00	1.00	6.509E-03	0.00	0.00
54350000	57.130	0.16739	VRT	MST	1.926E+17	0.998	1.00	1.00	6.791E-03	0.00	0.00
54360000	57.130	0.16746	VRT	MST	1.923E+17	0.998	1.00	1.00	7.072E-03	0.00	0.00
54370000	57.129	0.16755	VRT	MST	1.919E+17	0.998	1.00	1.00	7.348E-03	0.00	0.00
54380000	57.129	0.16765	VRT	MST	1.916E+17	0.998	1.00	1.00	7.617E-03	0.00	0.00

54100000	57.085	0.16978	VRT	MST	1.940E+17	0.999	1.00	1.00	1.603E-03	0.00	0.00
54110000	57.088	0.16960	VRT	MST	1.940E+17	0.999	1.00	1.00	1.715E-03	0.00	0.00
54120000	57.090	0.16942	VRT	MST	1.940E+17	0.999	1.00	1.00	1.833E-03	0.00	0.00
54130000	57.093	0.16924	VRT	MST	1.940E+17	0.999	1.00	1.00	1.959E-03	0.00	0.00
54140000	57.096	0.16907	VRT	MST	1.940E+17	0.999	1.00	1.00	2.092E-03	0.00	0.00
54150000	57.099	0.16890	VRT	MST	1.940E+17	0.999	1.00	1.00	2.233E-03	0.00	0.00
54160000	57.101	0.16873	VRT	MST	1.940E+17	0.999	1.00	1.00	2.383E-03	0.00	0.00
54170000	57.104	0.16857	VRT	MST	1.940E+17	0.999	1.00	1.00	2.540E-03	0.00	0.00
54180000	57.106	0.16842	VRT	MST	1.940E+17	0.999	1.00	1.00	2.706E-03	0.00	0.00
54190000	57.109	0.16827	VRT	MST	1.940E+17	0.999	1.00	1.00	2.881E-03	0.00	0.00
54200000	57.111	0.16813	VRT	MST	1.940E+17	0.999	1.00	1.00	3.065E-03	0.00	0.00
54210000	57.113	0.16800	VRT	MST	1.940E+17	0.999	1.00	1.00	3.258E-03	0.00	0.00
54220000	57.116	0.16787	VRT	MST	1.940E+17	0.999	1.00	1.00	3.461E-03	0.00	0.00
54230000	57.118	0.16776	VRT	MST	1.940E+17	0.999	1.00	1.00	3.672E-03	0.00	0.00
54240000	57.120	0.16766	VRT	MST	1.940E+17	0.999	1.00	1.00	3.893E-03	0.00	0.00
54250000	57.121	0.16756	VRT	MST	1.940E+17	0.999	1.00	1.00	4.123E-03	0.00	0.00
54260000	57.123	0.16748	VRT	MST	1.940E+17	0.999	1.00	1.00	4.361E-03	0.00	0.00
54270000	57.125	0.16742	VRT	MST	1.940E+17	0.999	1.00	1.00	4.608E-03	0.00	0.00
54280000	57.126	0.16736	VRT	MST	1.940E+17	0.999	1.00	1.00	4.863E-03	0.00	0.00
54290000	57.127	0.16732	VRT	MST	1.940E+17	0.999	1.00	1.00	5.124E-03	0.00	0.00
54300000	57.128	0.16730	VRT	MST	1.940E+17	0.999	1.00	1.00	5.393E-03	0.00	0.00
54310000	57.129	0.16729	VRT	MST	1.938E+17	0.999	1.00	1.00	5.666E-03	0.00	0.00
54320000	57.130	0.16729	VRT	MST	1.935E+17	0.999	1.00	1.00	5.945E-03	0.00	0.00
54330000	57.130	0.16731	VRT	MST	1.933E+17	0.999	1.00	1.00	6.226E-03	0.00	0.00
54340000	57.130	0.16734	VRT	MST	1.929E+17	0.999	1.00	1.00	6.509E-03	0.00	0.00
54350000	57.130	0.16739	VRT	MST	1.926E+17	0.998	1.00	1.00	6.791E-03	0.00	0.00
54360000	57.130	0.16746	VRT	MST	1.923E+17	0.998	1.00	1.00	7.072E-03	0.00	0.00
54370000	57.129	0.16755	VRT	MST	1.919E+17	0.998	1.00	1.00	7.348E-03	0.00	0.00
54380000	57.129	0.16765	VRT	MST	1.916E+17	0.998	1.00	1.00	7.617E-03	0.00	0.00
54390000	57.128	0.16777	VRT	MST	1.911E+17	0.998	1.00	1.00	7.876E-03	0.00	0.00
54400000	57.126	0.16790	VRT	MST	1.907E+17	0.998	1.00	1.00	8.124E-03	0.00	0.00
54410000	57.125	0.16806	VRT	MST	1.902E+17	0.998	1.00	1.00	8.356E-03	0.00	0.00
54420000	57.123	0.16822	VRT	MST	1.896E+17	0.998	1.00	1.00	8.570E-03	0.00	0.00
54430000	57.121	0.16841	VRT	MST	1.889E+17	0.998	1.00	1.00	8.762E-03	0.00	0.00
54440000	57.118	0.16860	VRT	MST	1.882E+17	0.998	1.00	1.00	8.931E-03	0.00	0.00
54450000	57.116	0.16881	VRT	MST	1.873E+17	0.998	1.00	1.00	9.073E-03	0.00	0.00
54460000	57.113	0.16902	VRT	MST	1.862E+17	0.998	1.00	1.00	9.187E-03	0.00	0.00
54470000	57.110	0.16924	VRT	MST	1.849E+17	0.998	1.00	1.00	9.269E-03	0.00	0.00
54480000	57.107	0.16947	VRT	MST	1.832E+17	0.998	1.00	1.00	9.319E-03	0.00	0.00
54490000	57.104	0.16971	VRT	MST	1.811E+17	0.998	1.00	1.00	9.337E-03	0.00	0.00
54500000	57.101	0.16994	VRT	MST	1.784E+17	0.998	1.00	1.00	9.322E-03	0.00	0.00
54510000	57.097	0.17018	VRT	MST	1.749E+17	0.998	1.00	1.00	9.276E-03	0.00	0.00
54520000	57.094	0.17043	VRT	MST	1.703E+17	0.998	1.00	1.00	9.199E-03	0.00	0.00
54530000	57.090	0.17068	VRT	MST	1.643E+17	0.997	1.00	1.00	9.094E-03	0.00	0.00
54540000	57.086	0.17094	VRT	MST	1.563E+17	0.997	1.00	1.00	8.966E-03	0.00	0.00
54550000	57.082	0.17122	VRT	MST	1.459E+17	0.997	1.00	1.00	8.818E-03	0.00	0.00
54560000	57.078	0.17151	VRT	MST	1.327E+17	0.996	1.00	1.00	8.656E-03	0.00	0.00
54570000	57.073	0.17183	VRT	MST	1.162E+17	0.996	1.00	1.00	8.484E-03	0.00	0.00
54580000	57.068	0.17217	VRT	MST	9.664E+16	0.995	1.00	1.00	8.309E-03	0.00	0.00
54590000	57.062	0.17255	VRT	MST	7.469E+16	0.994	1.00	1.00	8.138E-03	0.00	0.00
54600000	57.056	0.17296	VRT	MST	5.191E+16	0.993	1.00	1.00	7.977E-03	0.00	0.00
54610000	57.050	0.17343	VRT	MST	3.036E+16	0.992	1.00	1.00	7.833E-03	0.00	0.00
54620000	57.044	0.17383	VRT	MST	1.055E+16	0.991	1.00	1.00	7.709E-03	0.00	0.00
54630000	57.027	0.17507	VRT	MST	6.192E-02	0.990	1.00	1.00	7.622E-03	0.00	0.00
54640000	57.025	0.17523	VRT	TCT	7.428E-02	0.989	1.00	1.00	7.558E-03	0.00	0.00
54650000	57.024	0.17528	VRT	TCT	7.935E-02	0.988	1.00	1.00	7.528E-03	0.00	0.00
54660000	57.023	0.17537	VRT	TCT	7.895E-02	0.987	1.00	1.00	7.537E-03	0.00	0.00
54670000	57.022	0.17546	VRT	TCT	7.732E-02	0.987	1.00	1.00	7.589E-03	0.00	0.00
54680000	57.021	0.17555	VRT	TCT	7.682E-02	0.987	1.00	1.00	7.686E-03	0.00	0.00
54690000	57.020	0.17563	VRT	TCT	7.853E-02	0.987	1.00	1.00	7.829E-03	0.00	0.00
54700000	57.019	0.17571	VRT	TCT	8.269E-02	0.987	1.00	1.00	8.018E-03	0.00	0.00
54710000	57.019	0.17579	VRT	TCT	8.916E-02	0.987	1.00	1.00	8.251E-03	0.00	0.00
54720000	57.019	0.17587	VRT	TCT	9.761E-02	0.987	1.00	1.00	8.528E-03	0.00	0.00
54730000	57.018	0.17595	VRT	TCT	0.107	0.987	1.00	1.00	8.845E-03	0.00	0.00
54740000	57.018	0.17603	VRT	TCT	0.119	0.987	1.00	1.00	9.198E-03	0.00	0.00
54750000	57.018	0.17612	VRT	TCT	0.132	0.987	1.00	1.00	9.585E-03	0.00	0.00
54760000	57.018	0.17621	VRT	TCT	0.145	0.986	1.00	1.00	9.999E-03	0.00	0.00
54770000	57.018	0.17631	VRT	TCT	0.160	0.986	1.00	1.00	1.044E-02	0.00	0.00
54780000	57.017	0.17642	VRT	TCT	0.182	0.986	1.00	1.00	1.089E-02	0.00	0.00
54790000	57.017	0.17654	VRT	TCT	0.219	0.985	1.00	1.00	1.137E-02	0.00	0.00
54800000	57.016	0.17669	VRT	TCT	0.270	0.985	1.00	1.00	1.185E-02	0.00	0.00
54810000	57.015	0.17686	VRT	TCT	0.330	0.985	1.00	1.00	1.233E-02	0.00	0.00
54820000	57.013	0.17708	VRT	TCT	0.395	0.984	1.00	1.00	1.282E-02	0.00	0.00
54830000	57.011	0.17733	VRT	TCT	0.467	0.984	1.00	1.00	1.330E-02	0.00	0.00
54840000	57.008	0.17763	VRT	TCT	0.545	0.983	1.00	1.00	1.377E-02	0.00	0.00
54850000	57.005	0.17798	VRT	TCT	0.629	0.983	1.00	1.00	1.423E-02	0.00	0.00
54860000	57.001	0.17839	VRT	TCT	0.719	0.983	1.00	1.00	1.467E-02	0.00	0.00
54870000	56.995	0.17887	VRT	TCT	0.817	0.982	1.00	1.00	1.510E-02	0.00	0.00
54880000	56.989	0.17942	VRT	TCT	0.922	0.982	1.00	1.00	1.550E-02	0.00	0.00
54890000	56.982	0.18006	VRT	CTM	1.04	0.981	1.00	1.00	1.588E-02	0.00	0.00
54900000	56.973	0.18078	VRT	CTM	1.16	0.981	1.00	1.00	1.624E-02	0.00	0.00
54910000	56.963	0.18161	VRT	CTM	1.30	0.981	1.00	1.00	1.657E-02	0.00	0.00
54920000	56.952	0.18255	VRT	CTM	1.46	0.981	1.00	1.00	1.687E-02	0.00	0.00
54930000	56.939	0.18363	VRT	CTM	1.67	0.980	1.00	1.00	1.714E-02	0.00	0.00
54940000	56.924	0.18488	VRT	CTM	1.49	0.980	1.00	1.00	1.739E-02	0.00	0.00
55000000	56.909	0.18604	VRT	CTM	0.623	0.978	1.00	1.00	1.760E-02	0.00	0.00
56010000	56.917	0.18513	HRT	CTM	0.283	0.978	1.00	1.00	1.762E-02	0.00	0.00
56020000	56.918	0.18519	HRT	CTM	0.303	0.978	1.00	1.00	1.772E-02	0.00	0.00
56030000	56.915	0.18548	HRT	CTM	0.356	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

54700000	57.019	0.17571	VRT	TCT	8.269E-02	0.987	1.00	1.00	8.018E-03	0.00	0.00
54710000	57.019	0.17579	VRT	TCT	8.916E-02	0.987	1.00	1.00	8.251E-03	0.00	0.00
54720000	57.019	0.17587	VRT	TCT	9.761E-02	0.987	1.00	1.00	8.528E-03	0.00	0.00
54730000	57.018	0.17595	VRT	TCT	0.107	0.987	1.00	1.00	8.845E-03	0.00	0.00
54740000	57.018	0.17603	VRT	TCT	0.119	0.987	1.00	1.00	9.198E-03	0.00	0.00
54750000	57.018	0.17612	VRT	TCT	0.132	0.987	1.00	1.00	9.585E-03	0.00	0.00
54760000	57.018	0.17621	VRT	TCT	0.145	0.986	1.00	1.00	9.999E-03	0.00	0.00
54770000	57.018	0.17631	VRT	TCT	0.160	0.986	1.00	1.00	1.044E-02	0.00	0.00
54780000	57.017	0.17642	VRT	TCT	0.182	0.986	1.00	1.00	1.089E-02	0.00	0.00
54790000	57.017	0.17654	VRT	TCT	0.219	0.985	1.00	1.00	1.137E-02	0.00	0.00
54800000	57.016	0.17669	VRT	TCT	0.270	0.985	1.00	1.00	1.185E-02	0.00	0.00
54810000	57.015	0.17686	VRT	TCT	0.330	0.985	1.00	1.00	1.233E-02	0.00	0.00
54820000	57.013	0.17708	VRT	TCT	0.395	0.984	1.00	1.00	1.282E-02	0.00	0.00
54830000	57.011	0.17733	VRT	TCT	0.467	0.984	1.00	1.00	1.330E-02	0.00	0.00
54840000	57.008	0.17763	VRT	TCT	0.545	0.983	1.00	1.00	1.377E-02	0.00	0.00
54850000	57.005	0.17798	VRT	TCT	0.629	0.983	1.00	1.00	1.423E-02	0.00	0.00
54860000	57.001	0.17839	VRT	TCT	0.719	0.983	1.00	1.00	1.467E-02	0.00	0.00
54870000	56.995	0.17887	VRT	TCT	0.817	0.982	1.00	1.00	1.510E-02	0.00	0.00
54880000	56.989	0.17942	VRT	TCT	0.922	0.982	1.00	1.00	1.550E-02	0.00	0.00
54890000	56.982	0.18006	VRT	CTM	1.04	0.981	1.00	1.00	1.588E-02	0.00	0.00
54900000	56.973	0.18078	VRT	CTM	1.16	0.981	1.00	1.00	1.624E-02	0.00	0.00
54910000	56.963	0.18161	VRT	CTM	1.30	0.981	1.00	1.00	1.657E-02	0.00	0.00
54920000	56.952	0.18255	VRT	CTM	1.46	0.981	1.00	1.00	1.687E-02	0.00	0.00
54930000	56.939	0.18363	VRT	CTM	1.67	0.980	1.00	1.00	1.714E-02	0.00	0.00
54940000	56.924	0.18488	VRT	CTM	1.49	0.980	1.00	1.00	1.739E-02	0.00	0.00
55000000	56.909	0.18604	VRT	CTM	0.623	0.978	1.00	1.00	1.760E-02	0.00	0.00
56010000	56.917	0.18513	HRT	CTM	0.283	0.978	1.00	1.00	1.762E-02	0.00	0.00
56020000	56.918	0.18519	HRT	CTM	0.303	0.978	1.00	1.00	1.772E-02	0.00	0.00
56030000	56.915	0.18548	HRT	CTM	0.356	0.978	1.00	1.00	1.778E-02	0.00	0.00
56040000	56.910	0.18582	HRT	CTM	0.404	0.978	1.00	1.00	1.779E-02	0.00	0.00
56050000	56.906	0.18618	HRT	CTM	0.442	0.978	1.00	1.00	1.778E-02	0.00	0.00
56060000	56.901	0.18656	HRT	CTM	0.467	0.978	1.00	1.00	1.773E-02	0.00	0.00
56070000	56.896	0.18695	HRT	CTM	0.479	0.978	1.00	1.00	1.765E-02	0.00	0.00
56080000	56.890	0.18733	HRT	TCT	0.482	0.978	1.00	1.00	1.756E-02	0.00	0.00
56090000	56.885	0.18772	HRT	TCT	0.477	0.978	1.00	1.00	1.745E-02	0.00	0.00
56100000	56.880	0.18810	HRT	TCT	0.470	0.979	1.00	1.00	1.735E-02	0.00	0.00
56110000	56.875	0.18847	HRT	TCT	0.466	0.980	1.00	1.00	1.726E-02	0.00	0.00
56120000	56.870	0.18885	HRT	TCT	0.469	0.981	1.00	1.00	1.721E-02	0.00	0.00
56130000	56.865	0.18924	HRT	TCT	0.483	0.981	1.00	1.00	1.721E-02	0.00	0.00
56140000	56.860	0.18965	HRT	TCT	0.510	0.982	1.00	1.00	1.729E-02	0.00	0.00
56150000	56.854	0.19010	HRT	TCT	0.551	0.982	1.00	1.00	1.747E-02	0.00	0.00
56160000	56.849	0.19059	HRT	TCT	0.604	0.983	1.00	1.00	1.776E-02	0.00	0.00
56170000	56.843	0.19116	HRT	TCT	0.669	0.983	1.00	1.00	1.820E-02	0.00	0.00
56180000	56.836	0.19180	HRT	TCT	0.742	0.982	1.00	1.00	1.889E-02	0.00	0.00
56190000	56.830	0.19255	HRT	TCT	0.820	0.982	1.00	1.00	2.006E-02	0.00	0.00
56200000	56.824	0.19344	HRT	TCT	0.905	0.981	1.00	1.00	2.222E-02	0.00	0.00
56210000	56.821	0.19456	HRT	TCT	0.998	0.979	1.00	1.00	2.646E-02	0.00	0.00
56220000	56.823	0.19608	HRT	TCT	1.11	0.977	1.00	1.00	3.485E-02	0.00	0.00
56230000	56.838	0.19826	HRT	CTM	1.26	0.974	1.00	1.00	5.084E-02	0.00	0.00
56240000	56.873	0.20156	HRT	CTM	1.46	0.968	1.00	1.00	7.927E-02	0.00	0.00
56250000	56.940	0.20651	HRT	CTM	1.78	0.959	1.00	1.00	0.125	0.00	0.00
56260000	57.047	0.21357	HRT	CTM	2.23	0.947	1.00	1.00	0.189	0.00	0.00
56270000	57.190	0.22280	HRT	CTM	2.78	0.932	1.00	1.00	0.268	0.00	0.00
56280000	57.355	0.23364	HRT	CTM	3.27	0.916	1.00	1.00	0.350	0.00	0.00
56290000	57.525	0.24524	HRT	CTM	3.56	0.902	1.00	1.00	0.426	0.00	0.00
56300000	57.689	0.25678	HRT	CTM	3.59	0.892	1.00	1.00	0.491	0.00	0.00
56310000	57.844	0.26780	HRT	CTM	3.35	0.888	1.00	1.00	0.547	0.00	0.00
56320000	57.992	0.27810	HRT	CTM	2.81	0.891	1.00	1.00	0.594	0.00	0.00
56330000	58.137	0.28770	HRT	CTM	1.86	0.900	1.00	1.00	0.635	0.00	0.00
56340000	58.286	0.29566	HRT	CTM	0.786	0.915	1.00	1.00	0.672	0.00	0.00
57000000	58.446	0.30250	HRT	CTM	9.22	0.935	1.00	1.00	0.705	0.00	0.00
58010000	58.629	0.31366	HRT	TCT	1.525E+05	0.958	1.00	1.00	0.743	0.00	0.00
58020000	58.829	0.32384	HRT	MST	3.612E+09	0.974	1.00	1.00	0.778	0.00	0.00
58030000	59.034	0.33145	HRT	MST	1.347E+14	0.984	1.00	1.00	0.808	0.00	0.00
58040000	59.219	0.33804	HRT	MST	6.727E+16	0.990	1.00	1.00	0.832	0.00	0.00
58050000	59.367	0.34490	HRT	MST	1.326E+17	0.994	1.00	1.00	0.850	0.00	0.00
58060000	59.475	0.34949	HRT	MST	1.725E+17	0.997	1.00	1.00	0.862	0.00	0.00
59000000	59.546	0.35189	SGP	INV	1.940E+17	0.998	1.00	1.00	0.870	0.00	0.00
60010000	59.583	0.35416	SGP	INV	1.940E+17	0.999	1.00	1.00	0.874	0.00	0.00
60020000	59.562	0.36329	SGP	INV	1.940E+17	1.00	1.00	1.00	0.874	0.00	0.00
61000000	60.014	0.29815	SGP	INV	1.940E+17	1.00	1.00	1.00	0.916	0.00	0.00
62010000	60.304	0.27318	VRT	MST	1.940E+17	1.00	1.00	1.00	0.935	0.00	0.00
63000000	59.790	0.32698	VRT	MST	1.940E+17	1.00	0.377	0.377	0.897	0.00	0.00
65000000	61.356	0.39742	HRT	TSM	3.223E-02	0.951	0.000	0.000	0.975	0.00	0.00
67000000	61.644	0.41252	HRT	CTM	16.2	0.859	0.000	0.000	0.985	0.00	0.00
69010000	61.701	0.39864	HRT	CTT	62.4	0.711	0.000	0.000	0.986	0.00	0.00
69020000	61.720	0.29647	HRT	CTB	1.550E+17	0.349	0.000	0.000	0.984	0.00	0.00
69030000	61.720	0.29647	HRT	CTB	94.2	0.349	0.000	0.000	0.984	0.00	0.00
70010000	61.721	0.23459	HRT	CTB	1.762E+17	8.345E-02	0.000	0.000	0.983	0.00	0.00
70020000	61.721	0.23459	HRT	CTB	12.4	8.345E-02	0.000	0.000	0.983	0.00	0.00
72000000	61.720	0.19900	HRT	CTB	1.823E+17	6.543E-03	0.000	0.000	0.981	0.00	0.00
74000000	61.714	5.54273E-02	VRT	SLG	10.1	1.546E-03	0.249	0.249	0.981	0.00	0.00
76010000	53.669	0.57213	HRT	TCT	1.654E+17	0.997	0.941	0.941	0.000	0.00	0.00
76020000	54.521	0.43967	HRT	TCT	1.717E+17	0.997	0.470	0.470	0.000	0.00	0.00
76030000	54.932	0.38186	HRT	TCT	1.752E+17	0.998	0.000	0.000	0.000	0.00	0.00
77000000	55.234	0.34301	HRT	TCT	1.766E+17	0.998	0.998	0.998	0.000	0.00	0.00
78000000	38.800	5.4093	HRT	CTM	0.140E+04	0.971	0.972	0.971	0.000	0.82	0.83
80000000	32.951	9.0081	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
82000000	32.875	9.0302	SGP	INV	1.940E+17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

57000000	58.446	0.30250	HRT	CTM	9.22	0.935	1.00	1.00	0.705	0.00	0.00
58010000	58.629	0.31366	HRT	TCT	1.525E+05	0.958	1.00	1.00	0.743	0.00	0.00
58020000	58.829	0.32384	HRT	MST	3.612E+09	0.974	1.00	1.00	0.778	0.00	0.00
58030000	59.034	0.33145	HRT	MST	1.347E+14	0.984	1.00	1.00	0.808	0.00	0.00
58040000	59.219	0.33804	HRT	MST	6.727E+16	0.990	1.00	1.00	0.832	0.00	0.00
58050000	59.367	0.34490	HRT	MST	1.326E+17	0.994	1.00	1.00	0.850	0.00	0.00
58060000	59.475	0.34949	HRT	MST	1.725E+17	0.997	1.00	1.00	0.862	0.00	0.00
59000000	59.546	0.35189	SGP	INV	1.940E+17	0.998	1.00	1.00	0.870	0.00	0.00
60010000	59.583	0.35416	SGP	INV	1.940E+17	0.999	1.00	1.00	0.874	0.00	0.00
60020000	59.562	0.36329	SGP	INV	1.940E+17	1.00	1.00	1.00	0.874	0.00	0.00
61000000	60.014	0.29815	SGP	INV	1.940E+17	1.00	1.00	1.00	0.916	0.00	0.00
62010000	60.304	0.27318	VRT	MST	1.940E+17	1.00	1.00	1.00	0.935	0.00	0.00
63000000	59.790	0.32698	VRT	MST	1.940E+17	1.00	0.377	0.377	0.897	0.00	0.00
65000000	61.356	0.39742	HRT	TSM	3.223E-02	0.951	0.000	0.000	0.975	0.00	0.00
67000000	61.644	0.41252	HRT	CTM	16.2	0.859	0.000	0.000	0.985	0.00	0.00
69010000	61.701	0.39864	HRT	CTT	62.4	0.711	0.000	0.000	0.986	0.00	0.00
69020000	61.720	0.29647	HRT	CTB	1.550E+17	0.349	0.000	0.000	0.984	0.00	0.00
69030000	61.720	0.29647	HRT	CTB	94.2	0.349	0.000	0.000	0.984	0.00	0.00
70010000	61.721	0.23459	HRT	CTB	1.762E+17	8.345E-02	0.000	0.000	0.983	0.00	0.00
70020000	61.721	0.23459	HRT	CTB	12.4	8.345E-02	0.000	0.000	0.983	0.00	0.00
72000000	61.720	0.19900	HRT	CTB	1.823E+17	6.543E-03	0.000	0.000	0.981	0.00	0.00
74000000	61.714	5.54273E-02	VRT	SLG	10.1	1.546E-03	0.249	0.249	0.981	0.00	0.00
76010000	53.669	0.57213	HRT	TCT	1.654E+17	0.997	0.941	0.941	0.000	0.00	0.00
76020000	54.521	0.43967	HRT	TCT	1.717E+17	0.997	0.470	0.470	0.000	0.00	0.00
76030000	54.932	0.38186	HRT	TCT	1.752E+17	0.998	0.000	0.000	0.000	0.00	0.00
77000000	55.234	0.34301	HRT	TCT	1.766E+17	0.998	0.998	0.998	0.000	0.00	0.00
78000000	38.800	5.4093	HRT	CTM	0.140E+04	0.971	0.972	0.971	0.000	0.82	0.83
80000000	32.951	9.0081	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
82000000	32.875	9.0302	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
83010000	32.875	9.0302	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
84000000	32.862	9.0375	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
85010000	32.862	9.0375	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
86000000	32.935	9.0238	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
88000000	32.918	9.0320	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
90000000	32.916	9.0371	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
91010000	32.908	9.0512	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
91020000	32.912	9.0441	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
92000000	32.787	9.0903	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
94000000	54.958	0.36754	HRT	TCT	1.731E+17	0.998	0.998	0.997	0.000	1.0	2.2
98000000	38.822	5.3976	HRT	CTM	0.582	0.971	0.995	0.971	0.000	0.21	0.84
100000000	32.969	8.9913	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
102000000	32.956	8.9987	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
103010000	32.954	9.0027	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
104000000	32.940	9.0108	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
105010000	32.937	9.0173	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
106000000	32.935	9.0237	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
108000000	32.919	9.0319	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
110000000	32.916	9.0370	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
111010000	32.908	9.0512	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
111020000	32.912	9.0441	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
112000000	32.787	9.0903	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
114010000	55.080	0.35373	HRT	MST	1.778E+17	0.998	1.00	1.00	1.682E-04	0.00	0.00
114020000	55.080	0.35366	HRT	MST	1.777E+17	0.998	1.00	1.00	2.041E-04	0.00	0.00
119000000	54.534	0.42586	HRT	TCT	1.701E+17	0.997	0.000	0.000	0.000	0.00	0.00
120000000	54.895	0.37720	HRT	TCT	1.737E+17	0.998	0.998	0.998	0.000	0.00	0.00
121000000	55.185	0.34419	HRT	MST	1.694E+17	0.998	0.998	0.998	0.000	0.00	0.00
122000000	55.185	0.34419	HRT	TCT	1.745E+17	0.998	0.998	0.998	0.000	6.28E-03	6.34E-0
123000000	55.081	0.35361	HRT	TCT	1.777E+17	0.998	0.998	0.993	2.469E-04	1.53E-02	29.
194000000	55.657	0.29212	HRT	TCT	1.823E+17	0.998	0.998	0.998	8.607E-05	0.99	1.8
195010000	55.585	0.29942	HRT	MST	1.815E+17	0.998	0.483	0.483	8.229E-05	0.00	0.00
196000000	55.937	0.26920	HRT	MST	1.829E+17	0.998	0.998	0.998	7.803E-05	0.00	0.00
278000000	32.953	9.0031	HRT	CTM	1.428E+17	1.00	1.00	1.00	0.000	0.37	0.37
298000000	32.971	8.9863	HRT	CTM	1.434E+17	1.00	1.00	1.00	0.000	0.37	0.37

CONTROL VARIABLE EDIT

1 PSV FUNCTION 1.0000

TIME (SEC)	P 38010000 (LF/IN2)	TEMP 97010000 (DEGF)	P 97010000 (LF/IN2)	TEMP 36010000 (DEGF)	P 36010000 (LF/IN2)	TEMP 96010000 (DEGF)	P 96010000 (LF/IN2)	TEMP 38010000 (DEGF)	P 38010000 (LF/IN2)
0.35000	216.91	360.92	154.80	405.21	262.28	387.75	214.60	388.67	216.91
0.35100	216.88	360.90	154.77	405.21	262.26	387.74	214.56	388.65	216.88
0.35200	216.85	360.89	154.73	405.20	262.25	387.73	214.53	388.64	216.85
0.35300	216.83	360.87	154.70	405.20	262.24	387.72	214.50	388.63	216.83
0.35400	216.81	360.86	154.67	405.19	262.23	387.71	214.48	388.63	216.81
0.35500	216.79	360.84	154.65	405.19	262.22	387.70	214.46	388.62	216.79
0.35600	216.78	360.83	154.62	405.19	262.21	387.69	214.44	388.61	216.78
0.35700	216.76	360.82	154.60	405.19	262.21	387.69	214.43	388.61	216.76
0.35800	216.74	360.81	154.58	405.19	262.20	387.68	214.41	388.60	216.74
0.35900	216.73	360.80	154.56	405.19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

.96000000	55.937	0.26920	HRT	MST	1.829E+17	0.998	0.998	0.998	7.803E-05	0.00	0.00
178000000	32.953	9.0031	HRT	CTM	1.428E+17	1.00	1.00	1.00	0.000	0.37	0.37
198000000	32.971	8.9863	HRT	CTM	1.434E+17	1.00	1.00	1.00	0.000	0.37	0.37

CONTROL VARIABLE EDIT

1 PSV FUNCTION 1.0000

TIME (SEC)	P 38010000 (LF/IN2)	TEMP 97010000 (DEGF)	P 97010000 (LF/IN2)	TEMP 36010000 (DEGF)	P 36010000 (LF/IN2)	TEMP 96010000 (DEGF)	P 96010000 (LF/IN2)	TEMP 38010000 (DEGF)	P 38010000 (LF/IN2)
0.35000	216.91	360.92	154.80	405.21	262.28	387.75	214.60	388.67	216.91
0.35100	216.88	360.90	154.77	405.21	262.26	387.74	214.56	388.65	216.88
0.35200	216.85	360.89	154.73	405.20	262.25	387.73	214.53	388.64	216.85
0.35300	216.83	360.87	154.70	405.20	262.24	387.72	214.50	388.63	216.83
0.35400	216.81	360.86	154.67	405.19	262.23	387.71	214.48	388.63	216.81
0.35500	216.79	360.84	154.65	405.19	262.22	387.70	214.46	388.62	216.79
0.35600	216.78	360.83	154.62	405.19	262.21	387.69	214.44	388.61	216.78
0.35700	216.76	360.82	154.60	405.19	262.21	387.69	214.43	388.61	216.76
0.35800	216.74	360.81	154.58	405.19	262.20	387.68	214.41	388.60	216.74
0.35900	216.73	360.80	154.56	405.19	262.20	387.67	214.39	388.60	216.73
0.36000	216.72	360.79	154.54	405.19	262.20	387.67	214.37	388.59	216.72
0.36100	216.71	360.78	154.52	405.18	262.20	387.66	214.36	388.59	216.71
0.36200	216.71	360.77	154.50	405.19	262.20	387.66	214.35	388.59	216.71
0.36300	216.70	360.76	154.49	405.18	262.20	387.65	214.35	388.58	216.70
0.36400	216.70	360.76	154.48	405.18	262.20	387.65	214.34	388.58	216.70
0.36500	216.70	360.75	154.47	405.18	262.20	387.65	214.34	388.58	216.70
0.36600	216.69	360.75	154.47	405.19	262.20	387.65	214.34	388.58	216.69
0.36700	216.69	360.75	154.46	405.19	262.21	387.65	214.33	388.58	216.69
0.36800	216.69	360.75	154.46	405.19	262.21	387.65	214.33	388.58	216.69
0.36900	216.69	360.74	154.45	405.19	262.21	387.65	214.33	388.58	216.69
0.37000	216.69	360.74	154.45	405.19	262.22	387.65	214.33	388.58	216.69
0.37100	216.69	360.74	154.44	405.19	262.23	387.65	214.33	388.58	216.69
0.37200	216.70	360.74	154.44	405.20	262.23	387.65	214.33	388.58	216.70
0.37300	216.71	360.74	154.44	405.20	262.23	387.65	214.33	388.59	216.71
0.37400	216.71	360.74	154.44	405.20	262.24	387.65	214.34	388.59	216.71
0.37500	216.71	360.74	154.44	405.20	262.25	387.65	214.34	388.59	216.71
0.37600	216.71	360.74	154.44	405.21	262.26	387.65	214.35	388.59	216.71
0.37700	216.72	360.74	154.44	405.21	262.27	387.66	214.35	388.59	216.72
0.37800	216.72	360.74	154.44	405.21	262.28	387.66	214.35	388.59	216.72
0.37900	216.73	360.74	154.45	405.21	262.29	387.66	214.36	388.60	216.73
0.38000	216.74	360.74	154.45	405.22	262.29	387.66	214.37	388.60	216.74
0.38100	216.75	360.74	154.45	405.22	262.30	387.66	214.37	388.60	216.75
0.38200	216.75	360.75	154.46	405.22	262.31	387.67	214.38	388.60	216.75
0.38300	216.76	360.75	154.46	405.23	262.32	387.67	214.39	388.61	216.76
0.38400	216.76	360.75	154.46	405.23	262.33	387.67	214.39	388.61	216.76
0.38500	216.77	360.75	154.47	405.23	262.34	387.68	214.40	388.61	216.77
0.38600	216.78	360.75	154.47	405.24	262.35	387.68	214.41	388.62	216.78
0.38700	216.79	360.76	154.48	405.24	262.36	387.68	214.41	388.62	216.79
0.38800	216.80	360.76	154.48	405.24	262.38	387.68	214.42	388.62	216.80
0.38900	216.81	360.76	154.49	405.25	262.39	387.69	214.43	388.63	216.81
0.39000	216.81	360.76	154.49	405.25	262.40	387.69	214.44	388.63	216.81
0.39100	216.82	360.77	154.50	405.26	262.41	387.69	214.44	388.63	216.82
0.39200	216.83	360.77	154.50	405.26	262.42	387.70	214.45	388.63	216.83
0.39300	216.83	360.77	154.50	405.26	262.43	387.70	214.46	388.64	216.83
0.39400	216.85	360.77	154.51	405.27	262.44	387.70	214.47	388.64	216.85
0.39500	216.86	360.78	154.52	405.27	262.45	387.71	214.48	388.65	216.86
0.39600	216.86	360.78	154.52	405.27	262.46	387.71	214.49	388.65	216.86
0.39700	216.87	360.78	154.53	405.28	262.47	387.71	214.49	388.65	216.87
0.39800	216.88	360.78	154.53	405.28	262.48	387.72	214.50	388.65	216.88
0.39900	216.89	360.79	154.54	405.28	262.49	387.72	214.51	388.66	216.89

TIME (SEC)	TEMP 42010000 (DEGF)	P 42010000 (LF/IN2)	TEMP 76010000 (DEGF)	P 76010000 (LF/IN2)	TEMP 44010000 (DEGF)	P 44010000 (LF/IN2)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 48010000 (LF/IN2)
0.35000	388.63	216.89	400.08	247.48	340.26	118.40	363.69	160.30	85.998
0.35100	388.62	216.86	400.08	247.49	340.25	118.39	363.65	160.22	85.870
0.35200	388.62	216.84	400.09	247.50	340.25	118.38	363.63	160.19	85.750
0.35300	388.61	216.81	400.09	247.51	340.24	118.37	363.62	160.16	85.639
0.35400	388.60	216.78	400.09	247.53	340.23	118.35	363.60	160.13	85.531
0.35500	388.59	216.75	400.10	247.54	340.22	118.34	363.59	160.10	85.427
0.35600	388.58	216.74	400.10	247.55	340.22	118.35	363.58	160.07	85.328
0.35700	388.58	216.72	400.11	247.56	340.21	118.33	363.56	160.04	85.231
0.35800	388.57	216.71	400.11	247.57	340.22	118.33	363.55	160.02	85.141
0.35900	388.57	216.70	400.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

0.39200	216.83	360.77	154.50	405.26	262.42	387.70	214.45	388.63	216.83
0.39300	216.83	360.77	154.50	405.26	262.43	387.70	214.46	388.64	216.83
0.39400	216.85	360.77	154.51	405.27	262.44	387.70	214.47	388.64	216.85
0.39500	216.86	360.78	154.52	405.27	262.45	387.71	214.48	388.65	216.86
0.39600	216.86	360.78	154.52	405.27	262.46	387.71	214.49	388.65	216.86
0.39700	216.87	360.78	154.53	405.28	262.47	387.71	214.49	388.65	216.87
0.39800	216.88	360.78	154.53	405.28	262.48	387.72	214.50	388.65	216.88
0.39900	216.89	360.79	154.54	405.28	262.49	387.72	214.51	388.66	216.89

TIME SEC)	TEMP 42010000 (DEGF)	P 42010000 (LF/IN2)	TEMP 76010000 (DEGF)	P 76010000 (LF/IN2)	TEMP 44010000 (DEGF)	P 44010000 (LF/IN2)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 48010000 (LF/IN2)
0.35000	388.63	216.89	400.08	247.48	340.26	118.40	363.69	160.30	85.998
0.35100	388.62	216.86	400.08	247.49	340.25	118.39	363.65	160.22	85.870
0.35200	388.62	216.84	400.09	247.50	340.25	118.38	363.63	160.19	85.750
0.35300	388.61	216.81	400.09	247.51	340.24	118.37	363.62	160.16	85.639
0.35400	388.60	216.78	400.09	247.53	340.23	118.35	363.60	160.13	85.531
0.35500	388.59	216.75	400.10	247.54	340.22	118.34	363.59	160.10	85.427
0.35600	388.58	216.74	400.10	247.55	340.22	118.35	363.58	160.07	85.328
0.35700	388.58	216.72	400.11	247.56	340.21	118.33	363.56	160.04	85.231
0.35800	388.57	216.71	400.11	247.57	340.22	118.33	363.55	160.02	85.141
0.35900	388.57	216.70	400.11	247.58	340.21	118.33	363.54	159.99	85.054
0.36000	388.57	216.70	400.12	247.59	340.21	118.33	363.53	159.98	84.974
0.36100	388.57	216.69	400.12	247.61	340.21	118.32	363.52	159.96	84.896
0.36200	388.57	216.68	400.13	247.62	340.21	118.33	363.52	159.95	84.832
0.36300	388.56	216.67	400.13	247.63	340.21	118.32	363.51	159.92	84.685
0.36400	388.56	216.67	400.13	247.64	340.21	118.32	363.50	159.91	84.682
0.36500	388.56	216.67	400.14	247.65	340.21	118.32	363.50	159.90	84.639
0.36600	388.56	216.66	400.14	247.66	340.20	118.31	363.50	159.90	84.593
0.36700	388.56	216.66	400.15	247.67	340.20	118.31	363.49	159.89	84.550
0.36800	388.56	216.66	400.15	247.68	340.20	118.30	363.49	159.88	84.511
0.36900	388.57	216.66	400.16	247.70	340.20	118.31	363.49	159.88	84.478
0.37000	388.57	216.68	400.16	247.71	340.21	118.33	363.49	159.88	84.452
0.37100	388.57	216.67	400.16	247.72	340.21	118.32	363.49	159.88	84.435
0.37200	388.57	216.67	400.17	247.73	340.21	118.33	363.49	159.87	84.424
0.37300	388.57	216.68	400.17	247.74	340.21	118.33	363.49	159.87	84.422
0.37400	388.58	216.68	400.18	247.75	340.22	118.33	363.49	159.87	84.429
0.37500	388.58	216.68	400.18	247.77	340.22	118.33	363.49	159.88	84.447
0.37600	388.58	216.69	400.18	247.78	340.22	118.34	363.49	159.88	84.474
0.37700	388.58	216.70	400.19	247.79	340.23	118.35	363.49	159.88	84.513
0.37800	388.59	216.70	400.19	247.80	340.23	118.35	363.49	159.88	84.563
0.37900	388.59	216.71	400.20	247.81	340.23	118.35	363.49	159.88	84.624
0.38000	388.59	216.71	400.20	247.82	340.23	118.35	363.49	159.88	84.699
0.38100	388.59	216.72	400.20	247.83	340.24	118.37	363.50	159.89	84.787
0.38200	388.59	216.73	400.21	247.85	340.24	118.37	363.50	159.90	84.889
0.38300	388.60	216.73	400.21	247.86	340.24	118.36	363.50	159.90	85.003
0.38400	388.60	216.74	400.22	247.87	340.24	118.38	363.50	159.90	85.129
0.38500	388.60	216.75	400.22	247.88	340.25	118.38	363.51	159.91	85.269
0.38600	388.61	216.76	400.22	247.89	340.24	118.38	363.51	159.91	85.420
0.38700	388.61	216.76	400.23	247.90	340.25	118.38	363.51	159.92	85.583
0.38800	388.61	216.77	400.23	247.91	340.25	118.39	363.52	159.93	85.757
0.38900	388.61	216.77	400.24	247.93	340.25	118.38	363.52	159.93	85.941
0.39000	388.62	216.79	400.24	247.94	340.26	118.40	363.52	159.94	86.132
0.39100	388.62	216.80	400.24	247.95	340.27	118.41	363.53	159.95	86.330
0.39200	388.63	216.81	400.25	247.96	340.27	118.41	363.53	159.95	86.533
0.39300	388.63	216.81	400.25	247.97	340.26	118.41	363.53	159.95	86.740
0.39400	388.63	216.82	400.26	247.98	340.27	118.41	363.53	159.96	86.950
0.39500	388.63	216.83	400.26	247.99	340.27	118.41	363.54	159.97	87.163
0.39600	388.64	216.84	400.26	248.01	340.27	118.42	363.54	159.98	87.376
0.39700	388.64	216.85	400.27	248.02	340.28	118.43	363.54	159.99	87.587
0.39800	388.65	216.86	400.27	248.03	340.28	118.43	363.55	159.99	87.797
0.39900	388.65	216.86	400.28	248.04	340.28	118.43	363.55	160.00	88.003

TIME (SEC)	P 114020000 (LF/IN2)	RHO 114020000 (LB/FT3)	TEMP 48010000 (DEGF)	TEMP 48080000 (DEGF)	P 48080000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)
0.35000	160.32	0.44948	317.06	312.62	80.701	311.02	78.869	311.02	78.869
0.35100	160.27	0.44926	316.96	312.52	80.579	310.93	78.758	310.93	78.758
0.35200	160.23	0.44910	316.86	312.42	80.461	310.84	78.651	310.84	78.651
0.35300	160.20	0.44897	316.77	312.32	80.346	310.75	78.549	310.75	78.549
0.35400	160.16	0.44886	316.68	312.23	80.237	310.67	78.451	310.67	78.451
0.35500	160.13	0.44878	316.60	312.14	80.135	310.58	78.357	310.58	78.357
0.35600	160.10	0.44869	316.52	312.06	80.036	310.51	78.270	310.51	78.270
0.35700	160.08	0.44864	316.44	311.98	79.942	310.44	78.188	310.44	78.188
0.35800	160.05	0.44857	316.37	311.90	79.853	310.37	78.113	310.37	78.113
0.35900	160.03	0.44866	316.30	311.83	79.768	310.31	78.043	310.31	78.043

0.39200	388.63	216.81	400.25	247.96	340.27	118.41	363.53	159.95	86.330
0.39300	388.63	216.81	400.25	247.97	340.26	118.41	363.53	159.95	86.533
0.39400	388.63	216.82	400.26	247.98	340.27	118.41	363.53	159.96	86.740
0.39500	388.63	216.83	400.26	247.99	340.27	118.41	363.54	159.97	86.950
0.39600	388.64	216.84	400.26	248.01	340.27	118.42	363.54	159.98	87.163
0.39700	388.64	216.85	400.27	248.02	340.28	118.43	363.54	159.99	87.376
0.39800	388.65	216.86	400.27	248.03	340.28	118.43	363.55	159.99	87.587
0.39900	388.65	216.86	400.28	248.04	340.28	118.43	363.55	160.00	88.003

TIME (SEC)	P 114020000 (LF/IN2)	RHO 114020000 (LB/FT3)	TEMP 48010000 (DEGF)	TEMP 48080000 (DEGF)	P 48080000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)
0.35000	160.32	0.44948	317.06	312.62	80.701	311.02	78.869	311.02	78.869
0.35100	160.27	0.44926	316.96	312.52	80.579	310.93	78.758	310.93	78.758
0.35200	160.23	0.44910	316.86	312.42	80.461	310.84	78.651	310.84	78.651
0.35300	160.20	0.44897	316.77	312.32	80.346	310.75	78.549	310.75	78.549
0.35400	160.16	0.44886	316.68	312.23	80.237	310.67	78.451	310.67	78.451
0.35500	160.13	0.44878	316.60	312.14	80.135	310.58	78.357	310.58	78.357
0.35600	160.10	0.44869	316.52	312.06	80.036	310.51	78.270	310.51	78.270
0.35700	160.08	0.44864	316.44	311.98	79.942	310.44	78.188	310.44	78.188
0.35800	160.05	0.44857	316.37	311.90	79.853	310.37	78.113	310.37	78.113
0.35900	160.03	0.44866	316.30	311.83	79.768	310.31	78.043	310.31	78.043
0.36000	160.01	0.44856	316.23	311.76	79.688	310.26	77.980	310.26	77.980
0.36100	159.99	0.44852	316.17	311.70	79.614	310.21	77.922	310.21	77.922
0.36200	159.98	0.44850	316.11	311.64	79.545	310.17	77.872	310.17	77.872
0.36300	159.96	0.44847	316.00	311.59	79.483	310.13	77.829	310.13	77.829
0.36400	159.94	0.44845	316.00	311.55	79.446	310.10	77.794	310.10	77.794
0.36500	159.93	0.44845	315.96	311.50	79.386	310.08	77.771	310.08	77.771
0.36600	159.93	0.44845	315.92	311.46	79.335	310.08	77.765	310.08	77.765
0.36700	159.92	0.44845	315.89	311.43	79.306	310.07	77.752	310.07	77.752
0.36800	159.91	0.44846	315.85	311.41	79.281	310.06	77.747	310.06	77.747
0.36900	159.91	0.44847	315.83	311.40	79.263	310.08	77.764	310.08	77.764
0.37000	159.91	0.44849	315.81	311.39	79.254	310.10	77.792	310.10	77.792
0.37100	159.91	0.44850	315.79	311.39	79.255	310.14	77.830	310.14	77.830
0.37200	159.90	0.44851	315.78	311.41	79.268	310.18	77.880	310.18	77.880
0.37300	159.90	0.44853	315.78	311.42	79.290	310.24	77.942	310.24	77.942
0.37400	159.91	0.44856	315.79	311.45	79.323	310.31	78.019	310.31	78.019
0.37500	159.91	0.44858	315.80	311.49	79.369	310.38	78.107	310.38	78.107
0.37600	159.91	0.44861	315.82	311.54	79.428	310.47	78.211	310.47	78.211
0.37700	159.91	0.44863	315.86	311.61	79.501	310.58	78.327	310.58	78.327
0.37800	159.91	0.44864	315.90	311.68	79.587	310.70	78.458	310.70	78.458
0.37900	159.91	0.44866	315.95	311.77	79.687	310.82	78.597	310.82	78.597
0.38000	159.92	0.44869	316.01	311.87	79.801	310.95	78.745	310.95	78.745
0.38100	159.92	0.44872	316.08	311.98	79.931	311.09	78.909	311.09	78.909
0.38200	159.93	0.44875	316.17	312.10	80.073	311.24	79.082	311.24	79.082
0.38300	159.93	0.44877	316.26	312.24	80.228	311.40	79.264	311.40	79.264
0.38400	159.94	0.44880	316.36	312.38	80.396	311.57	79.454	311.57	79.454
0.38500	159.94	0.44882	316.48	312.54	80.575	311.74	79.652	311.74	79.652
0.38600	159.94	0.44884	316.60	312.70	80.765	311.91	79.854	311.91	79.854
0.38700	159.95	0.44887	316.74	312.87	80.966	312.09	80.062	312.09	80.062
0.38800	159.96	0.44891	316.88	313.05	81.173	312.28	80.273	312.28	80.273
0.38900	159.97	0.44894	317.03	313.23	81.389	312.46	80.487	312.46	80.487
0.39000	159.98	0.44897	317.18	313.42	81.610	312.65	80.704	312.65	80.704
0.39100	159.98	0.44900	317.35	313.61	81.835	312.83	80.922	312.83	80.922
0.39200	159.98	0.44901	317.51	313.80	82.063	313.02	81.141	313.02	81.141
0.39300	159.99	0.44903	317.68	314.00	82.293	313.21	81.361	313.21	81.361
0.39400	160.00	0.44907	317.85	314.19	82.522	313.40	81.580	313.40	81.580
0.39500	160.01	0.44910	318.02	314.39	82.751	313.58	81.799	313.58	81.799
0.39600	160.01	0.44913	318.19	314.58	82.979	313.77	82.017	313.77	82.017
0.39700	160.02	0.44916	318.36	314.77	83.206	313.95	82.233	313.95	82.233
0.39800	160.02	0.44918	318.53	314.96	83.431	314.13	82.449	314.13	82.449
0.39900	160.03	0.44920	318.70	315.14	83.653	314.31	82.664	314.31	82.664

TIME (SEC)	TEMP 54500000 (DEGF)	P 54500000 (LF/IN2)	TEMP 60010000 (DEGF)	P 60010000 (LF/IN2)	P 97010000 (LF/IN2)	P 95010000 (LF/IN2)	RHO 97010000 (LB/FT3)	TEMP 95010000 (DEGF)	RHO 95010000 (LB/FT3)
0.35000	306.09	73.795	222.09	96.415	154.80	166.93	0.44570	366.95	0.47508
0.35100	306.23	73.946	224.13	99.277	154.77	166.91	0.44562	366.94	0.47501
0.35200	306.37	74.096	225.67	101.20	154.73	166.88	0.44554	366.93	0.47493
0.35300	306.51	74.246	225.95	101.03	154.70	166.86	0.44546	366.92	0.47488
0.35400	306.65	74.394	225.85	100.20	154.67	166.84	0.44538	366.91	0.47483
0.35500	306.78	74.538	225.85	99.366	154.65	166.82	0.44532	366.90	0.47479
0.35600	306.92	74.678	226.17	98.926	154.62	166.80	0.44527	366.89	0.47475
0.35700	307.05	74.813	227.00	99.180	154.60	166.79	0.44521	366.88	0.47473
0.35800	307.18	74.946	227.93	99.419	154.58	166.78	0.44517	366.88	0.47470
0.35900	307.30	75.075	228.68	99.140	154.56	166.77	0.44512	366.87	0.47467

0.39200	159.98	0.44901	317.51	313.80	82.063	313.02	81.141	313.02	81.141
0.39300	159.99	0.44903	317.68	314.00	82.293	313.21	81.361	313.21	81.361
0.39400	160.00	0.44907	317.85	314.19	82.522	313.40	81.580	313.40	81.580
0.39500	160.01	0.44910	318.02	314.39	82.751	313.58	81.799	313.58	81.799
0.39600	160.01	0.44913	318.19	314.58	82.979	313.77	82.017	313.77	82.017
0.39700	160.02	0.44916	318.36	314.77	83.206	313.95	82.233	313.95	82.233
0.39800	160.02	0.44918	318.53	314.96	83.431	314.13	82.449	314.13	82.449
0.39900	160.03	0.44920	318.70	315.14	83.653	314.31	82.664	314.31	82.664

TIME (SEC)	TEMP 54500000 (DEGF)	P 54500000 (LF/IN2)	TEMP 60010000 (DEGF)	P 60010000 (LF/IN2)	P 97010000 (LF/IN2)	P 95010000 (LF/IN2)	RHO 97010000 (LB/FT3)	TEMP 95010000 (DEGF)	RHO 95010000 (LB/FT3)
0.35000	306.09	73.795	222.09	96.415	154.80	166.93	0.44570	366.95	0.47508
0.35100	306.23	73.946	224.13	99.277	154.77	166.91	0.44562	366.94	0.47501
0.35200	306.37	74.096	225.67	101.20	154.73	166.88	0.44554	366.93	0.47493
0.35300	306.51	74.246	225.95	101.03	154.70	166.86	0.44546	366.92	0.47488
0.35400	306.65	74.394	225.85	100.20	154.67	166.84	0.44538	366.91	0.47483
0.35500	306.78	74.538	225.85	99.366	154.65	166.82	0.44532	366.90	0.47479
0.35600	306.92	74.678	226.17	98.926	154.62	166.80	0.44527	366.89	0.47475
0.35700	307.05	74.813	227.00	99.180	154.60	166.79	0.44521	366.88	0.47473
0.35800	307.18	74.946	227.93	99.419	154.58	166.78	0.44517	366.88	0.47470
0.35900	307.30	75.075	228.68	99.140	154.56	166.77	0.44512	366.87	0.47467
0.36000	307.42	75.198	229.44	98.654	154.54	166.75	0.44508	366.86	0.47463
0.36100	307.54	75.314	230.47	98.455	154.52	166.74	0.44503	366.86	0.47461
0.36200	307.65	75.424	231.81	98.614	154.50	166.73	0.44499	366.85	0.47460
0.36300	307.75	75.530	233.29	98.838	154.49	166.72	0.44496	366.85	0.47459
0.36400	307.86	75.633	234.80	98.981	154.48	166.72	0.44493	366.85	0.47459
0.36500	307.96	75.735	236.38	99.092	154.47	166.71	0.44492	366.85	0.47458
0.36600	308.06	75.836	238.17	99.523	154.47	166.71	0.44492	366.84	0.47457
0.36700	308.16	75.937	240.14	100.25	154.46	166.70	0.44492	366.84	0.47456
0.36800	308.26	76.037	242.22	101.17	154.46	166.70	0.44491	366.84	0.47456
0.36900	308.36	76.137	244.33	102.14	154.45	166.70	0.44490	366.84	0.47458
0.37000	308.47	76.237	246.42	103.07	154.45	166.70	0.44490	366.84	0.47458
0.37100	308.57	76.339	248.49	103.97	154.44	166.70	0.44489	366.84	0.47459
0.37200	308.67	76.443	250.49	104.77	154.44	166.70	0.44489	366.84	0.47460
0.37300	308.78	76.550	252.41	105.45	154.44	166.70	0.44489	366.84	0.47461
0.37400	308.88	76.659	254.24	105.97	154.44	166.70	0.44492	366.84	0.47462
0.37500	308.99	76.771	255.98	106.36	154.44	166.71	0.44492	366.85	0.47465
0.37600	309.10	76.886	257.66	106.72	154.44	166.72	0.44494	366.85	0.47467
0.37700	309.22	77.004	259.30	107.06	154.44	166.72	0.44494	366.85	0.47469
0.37800	309.33	77.125	260.88	107.34	154.44	166.72	0.44495	366.85	0.47471
0.37900	309.45	77.249	262.42	107.63	154.45	166.72	0.44497	366.85	0.47472
0.38000	309.57	77.376	263.93	107.96	154.45	166.73	0.44498	366.85	0.47474
0.38100	309.70	77.505	265.41	108.36	154.45	166.73	0.44500	366.86	0.47476
0.38200	309.82	77.635	266.86	108.80	154.46	166.74	0.44503	366.86	0.47478
0.38300	309.94	77.765	268.26	109.16	154.46	166.74	0.44504	366.86	0.47481
0.38400	310.07	77.899	269.60	109.45	154.46	166.75	0.44506	366.86	0.47484
0.38500	310.20	78.038	270.92	109.72	154.47	166.75	0.44508	366.87	0.47485
0.38600	310.33	78.183	272.22	109.99	154.47	166.76	0.44510	366.87	0.47487
0.38700	310.47	78.336	273.50	110.26	154.48	166.76	0.44512	366.87	0.47490
0.38800	310.62	78.496	274.76	110.53	154.48	166.77	0.44514	366.87	0.47492
0.38900	310.77	78.666	276.00	110.78	154.49	166.78	0.44517	366.88	0.47495
0.39000	310.93	78.845	277.23	111.01	154.49	166.78	0.44519	366.88	0.47498
0.39100	311.10	79.033	278.45	111.22	154.50	166.79	0.44520	366.88	0.47500
0.39200	311.28	79.230	279.67	111.43	154.50	166.79	0.44522	366.89	0.47503
0.39300	311.46	79.435	280.89	111.63	154.50	166.80	0.44524	366.89	0.47505
0.39400	311.65	79.648	282.11	111.82	154.51	166.81	0.44526	366.89	0.47508
0.39500	311.84	79.868	283.33	111.98	154.52	166.81	0.44529	366.89	0.47509
0.39600	312.05	80.095	284.56	112.13	154.52	166.82	0.44531	366.90	0.47513
0.39700	312.25	80.331	285.78	112.25	154.53	166.83	0.44534	366.90	0.47516
0.39800	312.47	80.574	287.01	112.34	154.53	166.83	0.44536	366.90	0.47519
0.39900	312.68	80.826	288.25	112.40	154.54	166.84	0.44539	366.91	0.47521

TIME (SEC)	MFLOWJ 114020000 (LB/SEC)	MFLOWJ 94000000 (LB/SEC)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 114020000 (LF/IN2)	P 48010000 (LF/IN2)	P 195020000 (LF/IN2)	TEMP 195020000 (DEGF)	MFLOWJ 194000000 (LB/SEC)
0.35000	60.548	90.716	363.69	160.30	160.32	85.990	131.24	348.06	72.579
0.35100	60.524	90.705	363.65	160.22	160.27	85.870	131.21	348.04	72.564
0.35200	60.540	90.690	363.63	160.19	160.23	85.750	131.19	348.03	72.554
0.35300	60.523	90.683	363.62	160.16	160.20	85.639	131.16	348.01	72.541
0.35400	60.507	90.675	363.60	160.13	160.16	85.531	131.13	347.99	72.526
0.35500	60.510	90.664	363.59	160.10	160.13	85.427	131.11	347.98	72.513
0.35600	60.493	90.658	363.58	160.07	160.10	85.328	131.09	347.97	72.505
0.35700	60.493	90.652	363.56	160.04	160.08	85.231	131.07	347.96	72.497
0.35800	60.482	90.649	363.55	160.02	160.05	85.141	131.05	347.95	72.488
0.35900	60.480	90.645	363.54	159.99	160.03	85.054	131.04	347.94	72.484

0.39100	311.16	79.095	278.45	111.22	154.50	166.79	0.44520	366.88	0.47500
0.39200	311.28	79.230	279.67	111.43	154.50	166.79	0.44522	366.89	0.47503
0.39300	311.46	79.435	280.89	111.63	154.50	166.80	0.44524	366.89	0.47505
0.39400	311.65	79.648	282.11	111.82	154.51	166.81	0.44526	366.89	0.47508
0.39500	311.84	79.868	283.33	111.98	154.52	166.81	0.44529	366.89	0.47509
0.39600	312.05	80.095	284.56	112.13	154.52	166.82	0.44531	366.90	0.47513
0.39700	312.25	80.331	285.78	112.25	154.53	166.83	0.44534	366.90	0.47516
0.39800	312.47	80.574	287.01	112.34	154.53	166.83	0.44536	366.90	0.47519
0.39900	312.68	80.826	288.25	112.40	154.54	166.84	0.44539	366.91	0.47521

TIME (SEC)	MFLOWJ 114020000 (LB/SEC)	MFLOWJ 94000000 (LB/SEC)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 114020000 (LF/IN2)	P 48010000 (LF/IN2)	P 195020000 (LF/IN2)	TEMP 195020000 (DEGF)	MFLOWJ 194000000 (LB/SEC)
0.35000	60.548	90.716	363.69	160.30	160.32	85.998	131.24	348.06	72.579
0.35100	60.524	90.705	363.65	160.22	160.27	85.870	131.21	348.04	72.564
0.35200	60.540	90.690	363.63	160.19	160.23	85.750	131.19	348.03	72.554
0.35300	60.523	90.683	363.62	160.16	160.20	85.639	131.16	348.01	72.541
0.35400	60.507	90.675	363.60	160.13	160.16	85.531	131.13	347.99	72.526
0.35500	60.510	90.664	363.59	160.10	160.13	85.427	131.11	347.98	72.513
0.35600	60.493	90.658	363.58	160.07	160.10	85.328	131.09	347.97	72.505
0.35700	60.493	90.652	363.56	160.04	160.08	85.231	131.07	347.96	72.497
0.35800	60.482	90.649	363.55	160.02	160.05	85.141	131.05	347.95	72.488
0.35900	60.480	90.645	363.54	159.99	160.03	85.054	131.04	347.94	72.484
0.36000	60.477	90.639	363.53	159.98	160.01	84.974	131.03	347.94	72.480
0.36100	60.471	90.634	363.52	159.96	159.99	84.896	131.02	347.93	72.474
0.36200	60.466	90.629	363.52	159.95	159.98	84.832	131.01	347.92	72.471
0.36300	60.479	90.626	363.51	159.92	159.96	84.685	131.00	347.92	72.468
0.36400	60.484	90.626	363.50	159.91	159.94	84.682	130.99	347.91	72.461
0.36500	60.490	90.624	363.50	159.90	159.93	84.639	130.98	347.90	72.458
0.36600	60.486	90.624	363.50	159.90	159.93	84.593	130.97	347.90	72.455
0.36700	60.485	90.622	363.49	159.89	159.92	84.550	130.97	347.90	72.453
0.36800	60.484	90.623	363.49	159.88	159.91	84.511	130.96	347.89	72.451
0.36900	60.489	90.622	363.49	159.88	159.91	84.478	130.95	347.89	72.448
0.37000	60.491	90.623	363.49	159.88	159.91	84.452	130.95	347.89	72.448
0.37100	60.488	90.624	363.49	159.88	159.91	84.435	130.96	347.89	72.453
0.37200	60.487	90.627	363.49	159.87	159.90	84.424	130.95	347.89	72.450
0.37300	60.494	90.629	363.49	159.87	159.90	84.422	130.95	347.89	72.451
0.37400	60.496	90.629	363.49	159.87	159.91	84.429	130.95	347.89	72.451
0.37500	60.497	90.636	363.49	159.88	159.91	84.447	130.95	347.89	72.453
0.37600	60.499	90.637	363.49	159.88	159.91	84.474	130.95	347.89	72.452
0.37700	60.502	90.640	363.49	159.88	159.91	84.513	130.96	347.89	72.459
0.37800	60.497	90.645	363.49	159.88	159.91	84.563	130.96	347.90	72.461
0.37900	60.503	90.645	363.49	159.88	159.91	84.624	130.97	347.90	72.464
0.38000	60.508	90.646	363.49	159.88	159.92	84.699	130.97	347.90	72.464
0.38100	60.514	90.652	363.50	159.89	159.92	84.787	130.97	347.90	72.466
0.38200	60.511	90.653	363.50	159.90	159.93	84.889	130.98	347.90	72.470
0.38300	60.511	90.661	363.50	159.90	159.93	85.003	130.98	347.90	72.471
0.38400	60.520	90.665	363.50	159.90	159.94	85.129	130.98	347.91	72.474
0.38500	60.520	90.666	363.51	159.91	159.94	85.269	130.99	347.91	72.481
0.38600	60.518	90.669	363.51	159.91	159.94	85.420	130.99	347.91	72.483
0.38700	60.528	90.673	363.51	159.92	159.95	85.583	130.99	347.91	72.482
0.38800	60.534	90.677	363.52	159.93	159.96	85.757	131.00	347.92	72.487
0.38900	60.531	90.679	363.52	159.93	159.97	85.941	131.00	347.92	72.487
0.39000	60.541	90.686	363.52	159.94	159.98	86.132	131.01	347.92	72.490
0.39100	60.538	90.693	363.53	159.95	159.98	86.330	131.02	347.93	72.497
0.39200	60.536	90.695	363.53	159.95	159.98	86.533	131.03	347.93	72.503
0.39300	60.542	90.698	363.53	159.95	159.99	86.740	131.03	347.93	72.506
0.39400	60.551	90.702	363.53	159.96	160.00	86.950	131.03	347.94	72.509
0.39500	60.554	90.704	363.54	159.97	160.01	87.163	131.04	347.94	72.511
0.39600	60.555	90.711	363.54	159.98	160.01	87.376	131.04	347.94	72.513
0.39700	60.557	90.716	363.54	159.99	160.02	87.587	131.05	347.95	72.519
0.39800	60.556	90.720	363.55	159.99	160.02	87.797	131.06	347.95	72.525
0.39900	60.561	90.722	363.55	160.00	160.03	88.003	131.06	347.95	72.527

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 ATTEMPTED ADV: TOT.=   1644   EDIT=    200   MIN.DT=   2.500000E-04 SEC   LAST DT=   2.500000E-04 SEC   MS.ERR=   -21.2234     LB
  REPEATED ADV: TOT.=     61   EDIT=      0   MAX.DT=   2.500000E-04 SEC   CRNT.DT=   4.174047E-04 SEC   TOT.MS=    39010.1     LB
SUCCESSFUL ADV: TOT.=   1583   EDIT=    200   AVG.DT=   2.500000E-04 SEC   ERR.EST=   9.423898E-06       M.RATN=  -5.440488E-04
 REQUESTED ADV: TOT.=    400   EDIT=     50   REQ.DT=   1.000000E-03 SEC       CPU=    348.023     SEC     TIME=   0.400000     SEC

TRIP NUMBER, TRIP TIME (SEC)
    505  -1.0000          506  1.45000E-02     507  -1.0000          508  1.97500E-02     509  -1.0000

  VOL.NO.  PRESSURE      INT. ENERGY  STATIC QUAL. NONCOND      EQU. QUAL.   VOIDG        TEMPF        TEMPG        TEMPE        VOL.
           (LBF/IN2)     (BTU/LB)                  VAPOR QUAL.                            (DEGF)       (DEGF)       (DEGF)       FLAG
C-001     TMDPVOL  COMPONENT
  1010000   2726.8        1010.4        1.0000       0.00000       1.0000       1.0000       681.00       681.00       681.00       10
C-36      PIPE     COMPONENT
 36010000   262.51        957.71       0.80234       0.00000       0.78470      0.99723      405.29       375.59       405.29       10
 36020000   210.88        945.05       0.78543       0.00000       0.77665      0.99761      386.27       368.46       386.27       10
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0.39200	60.536	90.695	363.53	159.95	159.98	86.530	131.02	347.93	72.497
0.39300	60.542	90.698	363.53	159.95	159.99	86.740	131.03	347.93	72.503
0.39400	60.551	90.702	363.53	159.96	160.00	86.950	131.03	347.94	72.509
0.39500	60.554	90.704	363.54	159.97	160.01	87.163	131.04	347.94	72.511
0.39600	60.555	90.711	363.54	159.98	160.01	87.376	131.04	347.94	72.513
0.39700	60.557	90.716	363.54	159.99	160.02	87.587	131.05	347.95	72.519
0.39800	60.556	90.720	363.55	159.99	160.02	87.797	131.06	347.95	72.525
0.39900	60.561	90.722	363.55	160.00	160.03	88.003	131.06	347.95	72.527

ATTEMPTED ADV: TOT.=	1644	EDIT=	200	MIN.DT=	2.500000E-04 SEC	LAST DT=	2.500000E-04 SEC	MS.ERR=	-21.2234	LB
REPEATED ADV: TOT.=	61	EDIT=	0	MAX.DT=	2.500000E-04 SEC	CRNT.DT=	4.174047E-04 SEC	TOT.MS=	39010.1	LB
SUCCESSFUL ADV: TOT.=	1583	EDIT=	200	AVG.DT=	2.500000E-04 SEC	ERR.EST=	9.423898E-06	M.RATN=	-5.440488E-04	
REQUESTED ADV: TOT.=	400	EDIT=	50	REQ.DT=	1.000000E-03 SEC	CPU=	348.023 SEC	TIME=	0.400000	SEC

TRIP NUMBER, TRIP TIME (SEC)

505 -1.0000 506 1.45000E-02 507 -1.0000 508 1.97500E-02 509 -1.0000

VOL.NO.	PRESSURE (LBF/IN2)	INT. ENERGY (BTU/LB)	STATIC QUAL.	NONCOND VAPOR QUAL.	EQU. QUAL.	VOIDG	TEMPF (DEGF)	TEMPG (DEGF)	TEMPE (DEGF)	VOL. FLAG
C-001 TMDPVOL COMPONENT										
1010000	2726.8	1010.4	1.0000	0.00000	1.0000	1.0000	681.00	681.00	681.00	10
C-36 PIPE COMPONENT										
36010000	262.51	957.71	0.80234	0.00000	0.78470	0.99723	405.29	375.59	405.29	10
36020000	210.88	945.05	0.78543	0.00000	0.77585	0.99761	386.27	368.46	386.27	10
36030000	191.04	938.99	0.77665	0.00000	0.77157	0.99776	377.98	368.11	377.98	10
C-38 PIPE COMPONENT										
38010000	216.90	953.92	0.78656	0.00000	0.78656	0.99763	388.66	388.66	388.66	0
38020000	216.89	953.98	0.78664	0.00000	0.78664	0.99763	388.66	388.66	388.66	0
38030000	216.89	953.98	0.78664	0.00000	0.78664	0.99763	388.66	388.66	388.66	0
38040000	216.89	953.89	0.78653	1.61792E-09	0.78653	0.99763	388.66	388.66	388.66	0
38050000	216.88	953.72	0.78631	2.15351E-08	0.78631	0.99763	388.66	388.66	388.66	0
38060000	216.88	953.51	0.78602	2.00673E-07	0.78602	0.99762	388.65	388.65	388.65	0
38070000	216.88	953.29	0.78573	1.39278E-06	0.78574	0.99762	388.65	388.65	388.65	0
C-40 SNGLVOL COMPONENT										
40010000	217.12	953.73	0.78627	0.00000	0.78627	0.99762	388.75	388.75	388.75	0
C-42 SNGLVOL COMPONENT										
42010000	216.87	924.31	0.74721	5.82431E-06	0.74721	0.99705	388.65	388.66	388.65	0
C-44 BRANCH COMPONENT										
44010000	118.44	919.07	0.76773	1.00801E-06	0.76346	0.99854	340.29	330.66	340.29	0
C-46 PIPE COMPONENT										
46010000	158.82	943.14	0.78361	1.15400E-06	0.78362	0.99824	362.96	362.97	362.96	0
46020000	160.59	943.83	0.78412	1.47588E-06	0.78412	0.99823	363.84	363.85	363.84	0
46030000	160.62	943.88	0.78418	1.88585E-06	0.78418	0.99823	363.86	363.86	363.86	0
C-48 PIPE COMPONENT										
48010000	88.209	942.85	0.80295	3.91625E-06	0.80296	0.99913	318.86	318.87	318.86	0
48020000	84.301	940.40	0.80162	4.30097E-06	0.80139	0.99916	315.68	315.14	315.68	0
48030000	83.886	940.21	0.80135	4.72047E-06	0.80130	0.99916	315.34	315.23	315.34	0
48040000	83.841	940.29	0.80142	5.17979E-06	0.80142	0.99916	315.30	315.30	315.30	0
48050000	83.846	940.41	0.80155	5.68294E-06	0.80157	0.99916	315.30	315.35	315.30	0
48060000	83.852	940.54	0.80172	6.23407E-06	0.80172	0.99916	315.31	315.31	315.31	0
48070000	83.863	940.66	0.80185	6.83768E-06	0.80187	0.99916	315.32	315.36	315.32	0
48080000	83.871	940.79	0.80200	7.49867E-06	0.80202	0.99917	315.32	315.37	315.32	0
48090000	83.876	940.91	0.80217	8.22242E-06	0.80217	0.99917	315.33	315.33	315.33	0
C-50 PIPE COMPONENT										
50010000	82.979	941.05	0.80262	9.03237E-06	0.80267	0.99918	314.58	314.72	314.58	0
50020000	82.870	941.10	0.80276	9.91954E-06	0.80277	0.99918	314.49	314.51	314.49	0
50030000	82.862	941.21	0.80291	1.08922E-05	0.80291	0.99918	314.48	314.48	314.48	0
50040000	82.870	941.33	0.80304	1.19586E-05	0.80306	0.99918	314.49	314.53	314.49	0
50050000	82.873	941.45	0.80320	1.31276E-05	0.80320	0.99918	314.49	314.49	314.49	0
C-52 SNGLVOL COMPONENT										
52010000	82.878	941.55	0.80333	1.43402E-05	0.80333	0.99918	314.49	314.49	314.49	0
C-54 PIPE COMPONENT										
54010000	80.042	941.71	0.80460	1.57763E-05	0.80460	0.99922	312.08	312.08	312.08	0
54020000	79.693	941.58	0.80457	1.73470E-05	0.80457	0.99922	311.77	311.77	311.77	0
54030000	79.659	941.67	0.80467	1.90708E-05	0.80469	0.99922	311.75	311.78	311.75	0
54040000	79.660	941.78	0.80483	2.09630E-05	0.80483	0.99922	311.75	311.75	311.75	0
54050000	79.666	941.90	0.80496	2.30402E-05	0.80496	0.99922	311.75	311.75	311.75	0
54060000	79.674	942.01	0.80510	2.53201E-05	0.80510	0.99922	311.76	311.76	311.76	0
54070000	79.682	942.12	0.80523	2.78221E-05	0.80523	0.99922	311.77	311.77	311.77	0
54080000	79.692	942.23	0.80534	3.05673E-05	0.80536	0.99922	311.77	311.82	311.77	0
54090000	79.701	942.33	0.80547	3.35788E-05	0.80548	0.99922	311.78	311.82	311.78	0
54100000	79.709	942.43	0.80559	3.68817E-05	0.80560	0.99922	311.79	311.83	311.79	0
54110000	79.719	942.53	0.80570	4.05031E-05	0.80572	0.99922	311.80	311.84	311.80	0
54120000	79.728	942.62	0.80581	4.44723E-05	0.80583	0.99922	311.81	311.85	311.81	0
54130000	79.738	942.71	0.80592	4.88211E-05	0.80593	0.99922	311.81	311.86	311.81	0
54140000	79.749	942.79	0.80601	5.35835E-05	0.80603	0.99923	311.82	311.87	311.82	0
54150000	79.760	942.87	0.80610	5.87963E-05	0.80611	0.99923	311.83	311.88	311.83	0
54160000	79.769	942.93	0.80618	6.44985E-05	0.80618	0.99923	311.84	311.84	311.84	0
54170000	79.782	942.98	0.80624	7.07322E-05	0.80624	0.99923	311.85	311.85	311.85	0
54180000	79.799	943.02	0.80628	7.75426E-05	0.80629	0.99923	311.87	311.89	311.87	0
54190000	79.811	943.08	0.80645	8.49779E-05	0.80645	0.99923	311.87	311.88	311.87	0
54200000	79.823	943.13	0.80651	9.30959E-05	0.80651	0.99923	311.88	311.89	311.88	0
54210000	79.838	943.16	0.80655	1.01952E-04	0.80655	0.99923	311.89	311.90	311.89	0
54220000	79.854	943.17	0.80657	1.11605E-04	0.80657	0.99923	311.91	311.91	311.91	0

50020000	82.870	941.10	0.80276	9.91954E-06	0.80277	0.99918	314.49	314.51	314.49	0
50030000	82.862	941.21	0.80291	1.08922E-05	0.80291	0.99918	314.48	314.48	314.48	0
50040000	82.870	941.33	0.80304	1.19586E-05	0.80306	0.99918	314.49	314.53	314.49	0
50050000	82.873	941.45	0.80320	1.31276E-05	0.80320	0.99918	314.49	314.49	314.49	0
C-52 SNGLVOL COMPONENT										
52010000	82.878	941.55	0.80333	1.43402E-05	0.80333	0.99918	314.49	314.49	314.49	0
C-54 PIPE COMPONENT										
54010000	80.042	941.71	0.80460	1.57763E-05	0.80460	0.99922	312.08	312.08	312.08	0
54020000	79.693	941.58	0.80457	1.73470E-05	0.80457	0.99922	311.77	311.77	311.77	0
54030000	79.659	941.67	0.80467	1.90708E-05	0.80469	0.99922	311.75	311.78	311.75	0
54040000	79.660	941.78	0.80483	2.09630E-05	0.80483	0.99922	311.75	311.75	311.75	0
54050000	79.666	941.90	0.80496	2.30402E-05	0.80496	0.99922	311.75	311.75	311.75	0
54060000	79.674	942.01	0.80510	2.53201E-05	0.80510	0.99922	311.76	311.76	311.76	0
54070000	79.682	942.12	0.80523	2.78221E-05	0.80523	0.99922	311.77	311.77	311.77	0
54080000	79.692	942.23	0.80534	3.05673E-05	0.80536	0.99922	311.77	311.82	311.77	0
54090000	79.701	942.33	0.80547	3.35788E-05	0.80548	0.99922	311.78	311.82	311.78	0
54100000	79.709	942.43	0.80559	3.68817E-05	0.80560	0.99922	311.79	311.83	311.79	0
54110000	79.719	942.53	0.80570	4.05031E-05	0.80572	0.99922	311.80	311.84	311.80	0
54120000	79.728	942.62	0.80581	4.44723E-05	0.80583	0.99922	311.81	311.85	311.81	0
54130000	79.738	942.71	0.80592	4.88211E-05	0.80593	0.99922	311.81	311.86	311.81	0
54140000	79.749	942.79	0.80601	5.35835E-05	0.80603	0.99923	311.82	311.87	311.82	0
54150000	79.760	942.87	0.80610	5.87963E-05	0.80611	0.99923	311.83	311.88	311.83	0
54160000	79.769	942.93	0.80618	6.44985E-05	0.80618	0.99923	311.84	311.84	311.84	0
54170000	79.782	942.98	0.80624	7.07322E-05	0.80624	0.99923	311.85	311.85	311.85	0
54180000	79.799	943.02	0.80628	7.75426E-05	0.80629	0.99923	311.87	311.89	311.87	0
54190000	79.811	943.08	0.80645	8.49779E-05	0.80645	0.99923	311.87	311.88	311.87	0
54200000	79.823	943.13	0.80651	9.30959E-05	0.80651	0.99923	311.88	311.89	311.88	0
54210000	79.838	943.16	0.80655	1.01952E-04	0.80655	0.99923	311.89	311.90	311.89	0
54220000	79.854	943.17	0.80657	1.11605E-04	0.80657	0.99923	311.91	311.91	311.91	0
54230000	79.872	943.17	0.80657	1.22119E-04	0.80657	0.99923	311.92	311.92	311.92	0
54240000	79.890	943.13	0.80654	1.33563E-04	0.80654	0.99923	311.94	311.94	311.94	0
54250000	79.911	943.08	0.80648	1.46007E-04	0.80648	0.99923	311.95	311.96	311.95	0
54260000	79.932	943.00	0.80639	1.59530E-04	0.80639	0.99923	311.97	311.97	311.97	0
54270000	79.958	942.90	0.80625	1.74214E-04	0.80627	0.99922	311.99	312.03	311.99	0
54280000	79.983	942.77	0.80610	1.90145E-04	0.80612	0.99922	312.02	312.05	312.02	0
54290000	80.010	942.61	0.80592	2.07418E-04	0.80594	0.99922	312.04	312.08	312.04	0
54300000	80.039	942.43	0.80571	2.26129E-04	0.80573	0.99922	312.06	312.10	312.06	0
54310000	80.067	942.23	0.80549	2.46383E-04	0.80549	0.99922	312.08	312.09	312.08	0
54320000	80.101	942.00	0.80522	2.68288E-04	0.80522	0.99922	312.11	312.12	312.11	0
54330000	80.137	941.74	0.80492	2.91959E-04	0.80492	0.99922	312.14	312.15	312.14	0
54340000	80.179	941.45	0.80456	3.17515E-04	0.80458	0.99921	312.18	312.22	312.18	0
54350000	80.220	941.14	0.80420	3.45082E-04	0.80421	0.99921	312.21	312.25	312.21	0
54360000	80.260	940.79	0.80381	3.74791E-04	0.80381	0.99921	312.24	312.25	312.24	0
54370000	80.306	940.42	0.80337	4.06778E-04	0.80337	0.99921	312.28	312.29	312.28	0
54380000	80.357	940.01	0.80288	4.41187E-04	0.80289	0.99920	312.32	312.37	312.32	0
54390000	80.407	939.57	0.80236	4.78166E-04	0.80238	0.99920	312.36	312.41	312.36	0
54400000	80.456	939.08	0.80181	5.17874E-04	0.80181	0.99920	312.40	312.41	312.40	0
54410000	80.510	938.56	0.80120	5.60474E-04	0.80120	0.99919	312.45	312.46	312.45	0
54420000	80.570	937.99	0.80052	6.06138E-04	0.80054	0.99919	312.50	312.54	312.50	0
54430000	80.628	937.38	0.79980	6.55047E-04	0.79982	0.99919	312.54	312.59	312.54	0
54440000	80.685	936.72	0.79905	7.07391E-04	0.79905	0.99918	312.59	312.60	312.59	0
54450000	80.747	936.00	0.79822	7.63370E-04	0.79822	0.99918	312.64	312.65	312.64	0
54460000	80.814	935.24	0.79731	8.23193E-04	0.79733	0.99917	312.69	312.74	312.69	0
54470000	80.877	934.42	0.79637	8.87077E-04	0.79637	0.99917	312.74	312.75	312.74	0
54480000	80.944	933.54	0.79535	9.55252E-04	0.79535	0.99916	312.80	312.81	312.80	0
54490000	81.017	932.60	0.79424	1.02795E-03	0.79426	0.99915	312.86	312.90	312.86	0
54500000	81.085	931.60	0.79310	1.10542E-03	0.79310	0.99915	312.91	312.92	312.91	0
54510000	81.158	930.54	0.79187	1.18791E-03	0.79187	0.99914	312.97	312.97	312.97	0
54520000	81.237	929.42	0.79055	1.27566E-03	0.79057	0.99913	313.03	313.08	313.03	0
54530000	81.311	928.23	0.78920	1.36893E-03	0.78920	0.99912	313.09	313.09	313.09	0
54540000	81.393	926.98	0.78773	1.46796E-03	0.78775	0.99912	313.15	313.20	313.15	0
54550000	81.470	925.67	0.78623	1.57299E-03	0.78623	0.99911	313.21	313.22	313.21	0
54560000	81.554	924.28	0.78463	1.68424E-03	0.78463	0.99910	313.28	313.28	313.28	0
54570000	81.642	922.84	0.78295	1.80191E-03	0.78296	0.99909	313.34	313.39	313.34	0
54580000	81.727	921.32	0.78122	1.92617E-03	0.78122	0.99908	313.41	313.42	313.41	0
54590000	81.821	919.74	0.77939	2.05717E-03	0.77940	0.99907	313.48	313.53	313.48	0
54600000	81.912	918.10	0.77751	2.19500E-03	0.77751	0.99905	313.55	313.56	313.55	0
54610000	82.012	916.39	0.77553	2.33971E-03	0.77555	0.99904	313.62	313.67	313.62	0
54620000	82.109	914.62	0.77352	2.49127E-03	0.77352	0.99903	313.70	313.71	313.70	0
54630000	82.214	912.78	0.77141	2.64959E-03	0.77141	0.99902	313.78	313.78	313.78	0
54640000	82.327	910.88	0.76922	2.81450E-03	0.76923	0.99900	313.86	313.91	313.86	0
54650000	82.438	908.92	0.76699	2.98572E-03	0.76699	0.99899	313.94	313.95	313.94	0
54660000	82.560	906.90	0.76465	3.16286E-03	0.76467	0.99897	314.04	314.08	314.04	0
54670000	82.682	904.81	0.76227	3.34541E-03	0.76227	0.99896	314.13	314.14	314.13	0
54680000	82.814	902.66	0.75978	3.53270E-03	0.75980	0.99894	314.23	314.27	314.23	0
54690000	82.949	900.43	0.75722	3.72392E-03	0.75724	0.99893	314.33	314.37	314.33	0
54700000	83.083	898.12	0.75458	3.91805E-03	0.75458	0.99891	314.43	314.44	314.43	0
54710000	83.224	895.73	0.75181	4.11389E-03	0.75181	0.99889	314.53	314.54	314.53	0
54720000	83.366	893.22	0.74891	4.30999E-03	0.74891	0.99887	314.64	314.65	314.64	0
54730000	83.511	890.58	0.74582	4.50467E-03	0.74584	0.99885	314.75	314.79	314.75	0
54740000	83.647	887.77	0.74256	4.69597E-03	0.74256	0.99883	314.85	314.85	314.85	0
54750000	83.784	884.74	0.73900	4.88162E-03	0.73901	0.99881	314.95	314.99	314.95	0
54760000	83.909	881.44	0.73512	5.05903E-03	0.73512	0.99878	315.04	315.05	315.04	0
54770000	84.029	877.77	0.73077	5.22521E-03	0.73077	0.99875	315.13	315.13	315.13	0
54780000	84.141	873.62	0.72581	5.37677E-03	0.72582	0.99872	315.21	315.24	315.21	0
54790000	84.238	868.84	0.72009	5.50988E-03	0.72009	0.99868	315.28	315.28	315.28	0
54800000	84.326	863.24	0.71332	5.62019E-03	0.71332	0.99863	315.34	315.34	315.34	0
54810000	84.404	856.56	0.70520	5.70291E-03	0.70521	0.99858	315.39	315.42	315.39	0
54820000	84.467	848.52	0.69540	5.75284E-03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

54550000	81.470	925.67	0.78623	1.57299E-03	0.78623	0.99911	313.21	313.22	313.21	0
54560000	81.554	924.28	0.78463	1.68424E-03	0.78463	0.99910	313.28	313.28	313.28	0
54570000	81.642	922.84	0.78295	1.80191E-03	0.78296	0.99909	313.34	313.39	313.34	0
54580000	81.727	921.32	0.78122	1.92617E-03	0.78122	0.99908	313.41	313.42	313.41	0
54590000	81.821	919.74	0.77939	2.05717E-03	0.77940	0.99907	313.48	313.53	313.48	0
54600000	81.912	918.10	0.77751	2.19500E-03	0.77751	0.99905	313.55	313.56	313.55	0
54610000	82.012	916.39	0.77553	2.33971E-03	0.77555	0.99904	313.62	313.67	313.62	0
54620000	82.109	914.62	0.77352	2.49127E-03	0.77352	0.99903	313.70	313.71	313.70	0
54630000	82.214	912.78	0.77141	2.64959E-03	0.77141	0.99902	313.78	313.78	313.78	0
54640000	82.327	910.88	0.76922	2.81450E-03	0.76923	0.99900	313.86	313.91	313.86	0
54650000	82.438	908.92	0.76699	2.98572E-03	0.76699	0.99899	313.94	313.95	313.94	0
54660000	82.560	906.90	0.76465	3.16286E-03	0.76467	0.99897	314.04	314.08	314.04	0
54670000	82.682	904.81	0.76227	3.34541E-03	0.76227	0.99896	314.13	314.14	314.13	0
54680000	82.814	902.66	0.75978	3.53270E-03	0.75980	0.99894	314.23	314.27	314.23	0
54690000	82.949	900.43	0.75722	3.72392E-03	0.75724	0.99893	314.33	314.37	314.33	0
54700000	83.083	898.12	0.75458	3.91805E-03	0.75458	0.99891	314.43	314.44	314.43	0
54710000	83.224	895.73	0.75181	4.11389E-03	0.75181	0.99889	314.53	314.54	314.53	0
54720000	83.366	893.22	0.74891	4.30999E-03	0.74891	0.99887	314.64	314.65	314.64	0
54730000	83.511	890.58	0.74582	4.50467E-03	0.74584	0.99885	314.75	314.79	314.75	0
54740000	83.647	887.77	0.74256	4.69597E-03	0.74256	0.99883	314.85	314.85	314.85	0
54750000	83.784	884.74	0.73900	4.88162E-03	0.73901	0.99881	314.95	314.99	314.95	0
54760000	83.909	881.44	0.73512	5.05903E-03	0.73512	0.99878	315.04	315.05	315.04	0
54770000	84.029	877.77	0.73077	5.22521E-03	0.73077	0.99875	315.13	315.13	315.13	0
54780000	84.141	873.62	0.72581	5.37677E-03	0.72582	0.99872	315.21	315.24	315.21	0
54790000	84.238	868.84	0.72009	5.50988E-03	0.72009	0.99868	315.28	315.28	315.28	0
54800000	84.326	863.24	0.71332	5.62019E-03	0.71332	0.99863	315.34	315.34	315.34	0
54810000	84.404	856.56	0.70520	5.70291E-03	0.70521	0.99858	315.39	315.42	315.39	0
54820000	84.467	848.52	0.69540	5.75284E-03	0.69540	0.99851	315.44	315.44	315.44	0
54830000	84.522	838.78	0.68346	5.76463E-03	0.68347	0.99842	315.48	315.49	315.48	0
54840000	84.565	826.99	0.66899	5.73314E-03	0.66899	0.99831	315.50	315.51	315.50	0
54850000	84.600	812.83	0.65156	5.65414E-03	0.65156	0.99818	315.53	315.53	315.53	0
54860000	84.627	796.06	0.63089	5.52510E-03	0.63089	0.99801	315.55	315.55	315.55	0
54870000	84.648	776.62	0.60688	5.34615E-03	0.60688	0.99779	315.56	315.56	315.56	0
54880000	84.663	754.64	0.57973	5.12080E-03	0.57973	0.99753	315.57	315.57	315.57	0
54890000	84.674	730.53	0.54991	4.85626E-03	0.54991	0.99721	315.58	315.58	315.58	0
54900000	84.682	704.91	0.51824	4.56299E-03	0.51824	0.99684	315.59	315.59	315.59	0
54910000	84.689	678.61	0.48570	4.25364E-03	0.48570	0.99640	315.60	315.60	315.60	0
54920000	84.696	652.50	0.45338	3.94146E-03	0.45338	0.99590	315.61	315.61	315.61	0
54930000	84.705	627.39	0.42231	3.63872E-03	0.42231	0.99535	315.62	315.62	315.62	0
54940000	84.718	603.99	0.39334	3.35556E-03	0.39334	0.99476	315.63	315.63	315.63	0
54950000	84.738	582.80	0.36710	3.09935E-03	0.36710	0.99415	315.65	315.65	315.65	0
C-56	PIPE	COMPONENT								
56010000	83.767	554.97	0.33341	2.76712E-03	0.33341	0.99330	314.86	314.86	314.86	0
56020000	83.701	534.12	0.30769	2.52577E-03	0.30769	0.99247	314.81	314.81	314.81	0
56030000	83.828	519.35	0.28935	2.36641E-03	0.28935	0.99178	314.91	314.91	314.91	0
56040000	84.019	509.49	0.27704	2.27869E-03	0.27704	0.99125	315.06	315.07	315.07	0
56050000	84.255	503.42	0.26941	2.25304E-03	0.26940	0.99088	315.25	315.26	315.26	0
56060000	84.531	500.26	0.26536	2.28220E-03	0.26535	0.99066	315.47	315.47	315.47	0
56070000	84.818	499.17	0.26390	2.35954E-03	0.26389	0.99056	315.68	315.70	315.70	0
56080000	85.253	499.66	0.26429	2.48038E-03	0.26428	0.99053	316.03	316.03	316.03	0
56090000	85.140	501.28	0.26657	2.64319E-03	0.26656	0.99065	315.90	315.92	315.92	0
56100000	86.911	498.91	0.26240	2.77064E-03	0.26239	0.99025	317.32	317.33	317.33	0
56110000	87.305	479.27	0.23793	2.67808E-03	0.23792	0.98886	317.60	317.61	317.61	0
56120000	87.528	461.23	0.21557	2.58810E-03	0.21554	0.98733	317.73	317.76	317.76	0
56130000	87.878	447.67	0.19862	2.54075E-03	0.19860	0.98591	317.98	318.00	318.00	0
56140000	88.358	437.59	0.18586	2.52623E-03	0.18584	0.98464	318.32	318.35	318.35	0
56150000	88.920	429.81	0.17587	2.52986E-03	0.17585	0.98348	318.73	318.76	318.76	0
56160000	89.546	423.53	0.16768	2.54028E-03	0.16764	0.98239	319.18	319.21	319.21	0
56170000	90.234	418.25	0.16065	2.54984E-03	0.16061	0.98134	319.68	319.72	319.72	0
56180000	90.986	413.70	0.15445	2.55409E-03	0.15440	0.98031	320.24	320.28	320.28	0
56190000	91.800	409.72	0.14888	2.55112E-03	0.14884	0.97927	320.84	320.88	320.88	0
56200000	92.675	406.26	0.14388	2.54081E-03	0.14383	0.97824	321.48	321.53	321.53	0
56210000	93.604	403.27	0.13941	2.52416E-03	0.13936	0.97722	322.17	322.21	322.21	0
56220000	94.581	400.76	0.13548	2.50285E-03	0.13542	0.97623	322.89	322.94	322.94	0
56230000	95.596	398.72	0.13209	2.47902E-03	0.13203	0.97529	323.63	323.69	323.68	0
56240000	96.638	397.16	0.12927	2.45527E-03	0.12921	0.97442	324.39	324.45	324.45	0
56250000	97.695	396.10	0.12706	2.43471E-03	0.12699	0.97365	325.16	325.22	325.22	0
56260000	98.754	395.56	0.12551	2.42127E-03	0.12544	0.97300	325.93	325.99	325.99	0
56270000	99.802	395.58	0.12466	2.42024E-03	0.12459	0.97252	326.68	326.74	326.74	0
56280000	100.83	396.14	0.12455	2.43970E-03	0.12447	0.97222	327.40	327.47	327.47	0
56290000	101.81	397.22	0.12515	2.49388E-03	0.12507	0.97211	328.09	328.16	328.16	0
56300000	102.76	398.69	0.12637	2.61038E-03	0.12630	0.97215	328.73	328.80	328.79	0
56310000	103.65	400.28	0.12798	2.84367E-03	0.12790	0.97230	329.28	329.35	329.35	0
56320000	104.50	401.50	0.12950	3.29599E-03	0.12943	0.97242	329.71	329.78	329.78	0
56330000	105.29	401.48	0.13015	4.13798E-03	0.13008	0.97231	329.95	330.01	330.01	0
56340000	106.04	399.15	0.12899	5.61541E-03	0.12893	0.97173	329.88	329.94	329.94	0
56350000	106.73	390.60	0.12142	7.75293E-03	0.12136	0.96936	329.30	329.36	329.36	0
C-58	PIPE	COMPONENT								
58010000	107.19	377.23	0.11071	1.12457E-02	0.11067	0.96552	327.61	327.65	327.65	0
58020000	107.76	358.71	9.54820E-02	1.51087E-02	9.54111E-02	0.95855	324.74	324.81	324.80	0
58030000	108.43	338.46	7.93055E-02	1.84779E-02	7.91963E-02	0.94799	320.48	320.60	320.58	0
58040000	109.26	319.68	6.54897E-02	2.08648E-02	6.53529E-02	0.93431	314.97	315.14	315.09	0
58050000	110.29	303.88	5.53568E-02	2.23679E-02	5.52267E-02	0.91913	308.73	308.92	308.84	0
58060000	111.54	291.34	4.91640E-02	2.36361E-02	4.90694E-02	0.90550	302.38	302.56	302.46	0
58070000	112.56	279.82	4.24421E-02	2.31681E-02	4.23690E-02	0.88754	295.99	296.17	296.05	0
C-60	PIPE	COMPONENT								
60010000	112.43	271.30	4.22647E-02	2.53454E-02	4.22665E-02	0.88443	289.49	289.49	289.49	0
60020000	112.31	264.75	4.58042E-02	2.94134E-02	4.58075E-02	0.89064	283.54	283.54	283.54	0

56190000	91.800	409.72	0.14888	2.55112E-03	0.14884	0.97927	320.84	320.88	320.88	0
56200000	92.675	406.26	0.14338	2.54081E-03	0.14383	0.97824	321.48	321.53	321.53	0
56210000	93.604	403.27	0.13941	2.52416E-03	0.13936	0.97722	322.17	322.21	322.21	0
56220000	94.581	400.76	0.13548	2.50285E-03	0.13542	0.97623	322.89	322.94	322.94	0
56230000	95.596	398.72	0.13209	2.47902E-03	0.13203	0.97529	323.63	323.69	323.68	0
56240000	96.638	397.16	0.12927	2.45527E-03	0.12921	0.97442	324.39	324.45	324.45	0
56250000	97.695	396.10	0.12706	2.43471E-03	0.12699	0.97365	325.16	325.22	325.22	0
56260000	98.754	395.56	0.12551	2.42127E-03	0.12544	0.97300	325.93	325.99	325.99	0
56270000	99.802	395.58	0.12466	2.42024E-03	0.12459	0.97252	326.68	326.74	326.74	0
56280000	100.83	396.14	0.12455	2.43970E-03	0.12447	0.97222	327.40	327.47	327.47	0
56290000	101.81	397.22	0.12515	2.49388E-03	0.12507	0.97211	328.09	328.16	328.16	0
56300000	102.76	398.69	0.12637	2.61038E-03	0.12630	0.97215	328.73	328.80	328.79	0
56310000	103.65	400.28	0.12798	2.84367E-03	0.12790	0.97230	329.28	329.35	329.35	0
56320000	104.50	401.50	0.12950	3.29599E-03	0.12943	0.97242	329.71	329.78	329.78	0
56330000	105.29	401.48	0.13015	4.13798E-03	0.13008	0.97231	329.95	330.01	330.01	0
56340000	106.04	399.15	0.12899	5.61541E-03	0.12893	0.97173	329.88	329.94	329.94	0
56350000	106.73	390.60	0.12142	7.75293E-03	0.12136	0.96936	329.30	329.36	329.36	0
C-58 PIPE COMPONENT										
58010000	107.19	377.23	0.11071	1.12457E-02	0.11067	0.96552	327.61	327.65	327.65	0
58020000	107.76	358.71	9.54820E-02	1.51087E-02	9.54111E-02	0.95855	324.74	324.81	324.80	0
58030000	108.43	338.46	7.93055E-02	1.84779E-02	7.91963E-02	0.94799	320.48	320.60	320.58	0
58040000	109.26	319.68	6.54897E-02	2.08648E-02	6.53529E-02	0.93431	314.97	315.14	315.09	0
58050000	110.29	303.88	5.53568E-02	2.23679E-02	5.52267E-02	0.91913	308.73	308.92	308.84	0
58060000	111.54	291.34	4.91640E-02	2.36361E-02	4.90694E-02	0.90550	302.38	302.56	302.46	0
58070000	112.56	279.82	4.24421E-02	2.31681E-02	4.23690E-02	0.88754	295.99	296.17	296.05	0
C-60 PIPE COMPONENT										
60010000	112.43	271.30	4.22647E-02	2.53454E-02	4.22665E-02	0.88443	289.49	289.49	289.49	0
60020000	112.31	264.75	4.58042E-02	2.94134E-02	4.58075E-02	0.89064	283.54	283.54	283.54	0
60030000	112.06	259.89	5.42593E-02	3.67420E-02	5.42628E-02	0.90534	278.01	278.01	278.01	0
C-62 PIPE COMPONENT										
62010000	112.19	256.73	6.83494E-02	4.82795E-02	6.83488E-02	0.92312	273.12	273.13	273.12	0
62020000	112.82	254.83	9.18721E-02	6.74781E-02	9.18563E-02	0.94181	268.18	268.23	268.20	0
C-64 SNGLVOL COMPONENT										
64010000	113.71	252.70	0.15361	0.11965	0.15361	0.96551	259.18	259.19	259.18	10
C-66 SNGLVOL COMPONENT										
66010000	114.68	230.87	0.20185	0.17175	0.20185	0.97344	239.53	239.55	239.53	10
C-68 SNGLVOL COMPONENT										
68010000	114.29	166.69	0.15603	0.14766	0.15560	0.96045	187.53	190.50	188.07	10
C-69 BRANCH COMPONENT										
69010000	92.651	97.143	3.08026E-02	3.03028E-02	3.07269E-02	0.82407	126.47	132.62	126.58	10
C-70 BRANCH COMPONENT										
70010000	87.523	89.101	5.27674E-03	5.20835E-03	5.27378E-03	0.44838	120.70	122.27	120.70	10
C-71 SNGLVOL COMPONENT										
71010000	92.793	88.083	6.40334E-04	6.32279E-04	6.39635E-04	8.48920E-02	120.10	123.32	120.10	10
C-73 BRANCH COMPONENT										
73010000	15.073	87.954	1.68759E-05	1.66296E-05	1.79428E-05	1.47515E-02	120.00	120.00	120.00	0
C-75 SNGLVOL COMPONENT										
75010000	10.534	89.338	9.57191E-03	8.55722E-03	9.57063E-03	0.92822	119.72	119.76	119.72	0
C-76 PIPE COMPONENT										
76010000	248.05	957.08	0.80534	0.00000	0.78595	0.99742	400.28	367.08	400.28	10
76020000	192.31	943.43	0.79076	0.00000	0.77715	0.99786	378.53	352.65	378.53	10
76030000	168.70	935.73	0.78018	0.00000	0.77186	0.99804	367.80	351.09	367.80	10
76040000	152.64	930.15	0.77361	0.00000	0.76835	0.99818	359.81	348.84	359.81	0
C-79 SNGLVOL COMPONENT										
79010000	2711.3	1011.4	1.0000	0.00000	0.99745	1.0000	680.15	680.01	680.15	0
C-81 SNGLVOL COMPONENT										
81010000	2711.5	1011.3	1.0000	0.00000	0.99710	1.0000	680.16	680.00	680.16	0
C-83 PIPE COMPONENT										
83010000	2718.6	1015.2	1.0000	0.00000	1.0000	1.0000	681.57	681.57	681.57	0
83020000	2718.6	1011.3	1.0000	0.00000	0.99996	1.0000	680.55	680.55	680.55	0
C-85 PIPE COMPONENT										
85010000	2719.9	1011.2	1.0000	0.00000	1.0000	1.0000	680.63	680.63	680.63	0
85020000	2719.9	1015.2	1.0000	0.00000	1.0000	1.0000	681.68	681.68	681.68	0
C-87 PIPE COMPONENT										
87010000	2713.0	1011.0	0.99999	0.00000	0.99667	1.0000	680.25	680.07	680.25	0
C-89 SNGLVOL COMPONENT										
89010000	2714.6	1010.9	0.99999	0.00000	0.99695	1.0000	680.33	680.17	680.33	0
C-91 PIPE COMPONENT										
91010000	2715.5	1010.5	1.0000	0.00000	0.99576	1.0000	680.38	680.16	680.38	0
91020000	2715.1	1010.6	0.99999	0.00000	0.99618	1.0000	680.36	680.16	680.36	0
91030000	2714.8	1010.8	0.99999	0.00000	0.99663	1.0000	680.34	680.16	680.34	0
C-93 SNGLVOL COMPONENT										
93010000	16.011	251.28	0.97339	0.87887	0.97339	0.99996	132.11	132.11	132.11	0
C-95 SNGLVOL COMPONENT										
95010000	166.84	935.09	0.77144	0.00000	0.77144	0.99802	366.91	366.91	366.91	0
C-96 SNGLVOL COMPONENT										
96010000	214.52	952.83	0.78552	0.00000	0.78552	0.99764	387.72	387.73	387.72	0
C-97 BRANCH COMPONENT										
97010000	154.55	930.43	0.77008	0.00000	0.76825	0.99814	360.79	356.97	360.79	0
C-99 SNGLVOL COMPONENT										
99010000	2709.7	1011.7	0.99999	0.00000	0.99793	0.99999	680.06	679.95	680.06	0
C-101 SNGLVOL COMPONENT										
101010000	2709.8	1011.6	0.99999	0.00000	0.99756	0.99999	680.07	679.94	680.07	0
C-103 PIPE COMPONENT										
103010000	2711.3	1011.4	0.99999	0.00000	0.99746	0.99999	680.15	680.01	680.15	0
103020000	2711.1	1011.5	0.99999	0.00000	0.99773	0.99999	680.14	680.02	680.14	0
C-105 PIPE COMPONENT										
105010000	2712.8	1011.1	0.99999	0.00000	0.99714	1.0000	680.23	680.08	680.23	0

83020000	2718.6	1011.3	1.0000	0.00000	0.99996	1.0000	680.55	680.55	680.55	0
C-85	PIPE	COMPONENT								
85010000	2719.9	1011.2	1.0000	0.00000	1.0000	1.0000	680.63	680.63	680.63	0
85020000	2719.9	1015.2	1.0000	0.00000	1.0000	1.0000	681.68	681.68	681.68	0
C-87	PIPE	COMPONENT								
87010000	2713.0	1011.0	0.99999	0.00000	0.99667	1.0000	680.25	680.07	680.25	0
C-89	SNGLVOL	COMPONENT								
89010000	2714.6	1010.9	0.99999	0.00000	0.99695	1.0000	680.33	680.17	680.33	0
C-91	PIPE	COMPONENT								
91010000	2715.5	1010.5	1.0000	0.00000	0.99576	1.0000	680.38	680.16	680.38	0
91020000	2715.1	1010.6	0.99999	0.00000	0.99618	1.0000	680.36	680.16	680.36	0
91030000	2714.8	1010.8	0.99999	0.00000	0.99663	1.0000	680.34	680.16	680.34	0
C-93	SNGLVOL	COMPONENT								
93010000	16.011	251.28	0.97339	0.87887	0.97339	0.99996	132.11	132.11	132.11	0
C-95	SNGLVOL	COMPONENT								
95010000	166.84	935.09	0.77144	0.00000	0.77144	0.99802	366.91	366.91	366.91	0
C-96	SNGLVOL	COMPONENT								
96010000	214.52	952.83	0.78552	0.00000	0.78552	0.99764	387.72	387.73	387.72	0
C-97	BRANCH	COMPONENT								
97010000	154.55	930.43	0.77008	0.00000	0.76825	0.99814	360.79	356.97	360.79	0
C-99	SNGLVOL	COMPONENT								
99010000	2709.7	1011.7	0.99999	0.00000	0.99793	0.99999	680.06	679.95	680.06	0
C-101	SNGLVOL	COMPONENT								
101010000	2709.8	1011.6	0.99999	0.00000	0.99756	0.99999	680.07	679.94	680.07	0
C-103	PIPE	COMPONENT								
103010000	2711.3	1011.4	0.99999	0.00000	0.99746	0.99999	680.15	680.01	680.15	0
103020000	2711.1	1011.5	0.99999	0.00000	0.99773	0.99999	680.14	680.02	680.14	0
C-105	PIPE	COMPONENT								
105010000	2712.8	1011.1	0.99999	0.00000	0.99714	1.0000	680.23	680.08	680.23	0
105020000	2712.6	1011.3	0.99999	0.00000	0.99760	0.99999	680.22	680.09	680.22	0
C-107	SNGLVOL	COMPONENT								
107010000	2713.0	1011.0	0.99999	0.00000	0.99666	1.0000	680.24	680.07	680.24	0
C-109	SNGLVOL	COMPONENT								
109010000	2714.6	1010.9	0.99999	0.00000	0.99694	1.0000	680.33	680.16	680.33	0
C-111	PIPE	COMPONENT								
111010000	2715.5	1010.5	1.0000	0.00000	0.99575	1.0000	680.38	680.15	680.38	0
111020000	2715.1	1010.6	0.99999	0.00000	0.99618	1.0000	680.36	680.16	680.36	0
111030000	2714.8	1010.8	0.99999	0.00000	0.99662	1.0000	680.34	680.16	680.34	0
C-113	TMDPVOL	COMPONENT								
113010000	2726.8	1010.4	1.0000	0.00000	1.0000	1.0000	681.00	681.00	681.00	0
C-114	PIPE	COMPONENT								
114010000	160.09	943.90	0.78433	2.33049E-06	0.78433	0.99824	363.59	363.59	363.59	0
114020000	160.04	943.92	0.78436	2.87779E-06	0.78436	0.99824	363.57	363.57	363.57	0
114030000	160.01	943.95	0.78441	3.55101E-06	0.78441	0.99824	363.55	363.55	363.55	0
C-136	SNGLVOL	COMPONENT								
136010000	170.27	935.49	0.77292	0.00000	0.77121	0.99798	368.55	365.09	368.55	0
V-CASE	SNGLVOL	COMPONENT								
178010000	2028.0	996.55	0.82454	0.00000	0.82454	0.97111	637.78	637.78	637.78	11
C-193	SNGLVOL	COMPONENT								
193010000	15.840	244.10	0.95023	0.86154	0.95023	0.99994	130.30	130.30	130.30	0
C-195	PIPE	COMPONENT								
195010000	134.57	926.49	0.76826	1.06670E-06	0.76826	0.99837	349.98	349.98	349.98	0
195020000	131.07	927.86	0.77094	1.12311E-06	0.77095	0.99844	347.96	347.96	347.96	0
V-CASE	SNGLVOL	COMPONENT								
198010000	2027.9	996.27	0.82383	0.00000	0.82383	0.97097	637.77	637.77	637.77	11

VOL.NO.	RHO (LB/FT3)	RHOF (LB/FT3)	RHOG (LB/FT3)	VOLUME (FT3)	UF (BTU/LB)	UG (BTU/LB)	SOUNDE (FT/SEC)	HEAT INPUT (BTU/SEC)	VAPOR GEN. (LB/FT3-SEC)
1010000	9.1281	32.731	9.1281	0.00000	745.63	1010.4	1070.9	0.00000	10.976
36010000	0.74854	53.436	0.60225	0.14070	379.92	1100.0	1358.0	0.00000	-21.894
36020000	0.60367	54.209	0.47528	0.14070	359.59	1105.0	1348.2	0.00000	-12.827
36030000	0.54696	54.535	0.42576	0.14070	350.80	1108.1	1343.0	0.00000	-7.0938
38010000	0.59965	54.114	0.47278	0.35072	362.12	1114.5	1358.8	0.00000	1.03969E-02
38020000	0.59958	54.114	0.47277	0.35072	362.12	1114.5	1358.9	0.00000	4.08745E-04
38030000	0.59957	54.114	0.47276	0.35072	362.12	1114.5	1358.9	0.00000	1.85585E-03
38040000	0.59965	54.114	0.47276	0.35072	362.12	1114.5	1358.8	0.00000	3.68840E-04
38050000	0.59980	54.114	0.47275	0.35072	362.12	1114.5	1358.6	0.00000	3.23456E-04
38060000	0.60001	54.114	0.47274	0.35072	362.11	1114.5	1358.3	0.00000	1.47988E-03
38070000	0.60022	54.114	0.47274	0.35072	362.11	1114.5	1358.0	0.00000	4.57549E-04
40010000	0.60047	54.111	0.47326	0.21862	362.22	1114.5	1358.5	0.00000	6.37635E-02
42010000	0.63079	54.114	0.47273	0.32880	362.11	1114.5	1320.0	0.00000	2.59341E-03
44010000	0.35024	55.936	0.26928	0.16683	311.17	1103.0	1325.4	0.00000	-6.1923
46010000	0.44639	55.109	0.35041	0.20824	334.92	1111.1	1351.6	0.00000	4.6187
46020000	0.45085	55.075	0.35415	0.35620	335.85	1111.2	1352.3	0.00000	8.23323E-02
46030000	0.45089	55.075	0.35421	0.35620	335.86	1111.2	1352.3	0.00000	4.47382E-03
48010000	0.24949	56.676	0.20050	0.27948	288.99	1103.3	1354.4	0.00000	4.0183
48020000	0.23966	56.783	0.19228	0.27948	285.70	1102.4	1351.5	0.00000	-0.28631
48030000	0.23846	56.794	0.19125	0.27948	285.35	1102.5	1351.2	0.00000	-5.61253E-02
48040000	0.23828	56.796	0.19112	0.27948	285.31	1102.6	1351.3	0.00000	2.36556E-02
48050000	0.23823	56.796	0.19112	0.27948	285.31	1102.6	1[illegible].5	0.00000	2.02835E-02
48060000	0.23822	56.795	0.19114	0.27948	285.32	1102.6	1[illegible].6	0.00000	4.71089E-02
48070000	0.23819	56.795	0.19115	0.27948	285.33	1102.6	1351.7	0.00000	2.14862E-02
48080000	0.23817	56.795	0.19117	0.27948	285.33	1102.6	1351.9	0.00000	1.89741E-02
48090000	0.23815	56.795	0.19119	0.27948	285.34	1102.6	1352.0	0.00000	4.55788E-02
50010000	0.23556	56.820	0.18922	0.28824	284.56	1102.5	1352.1	0.00000	6.12894E-02
50020000	0.23527	56.823	0.18902	0.28824	284.47	1102.4	1352.2	0.00000	1.25866E-02
50030000	0.23522	56.823	0.18901	0.28824	284.46	1102.4	1352.3	0.00000	4.38631E-02
50040000	0.23518	56.823	0.18901	0.28824	284.47	1102.4	1352.4	0.00000	2.09764E-02

36020000	0.60367	54.209	0.47528	0.14070	359.59	1105.0	1348.2	0.00000	-12.827
36030000	0.54696	54.535	0.42576	0.14070	350.80	1108.1	1343.0	0.00000	-7.0938
38010000	0.59965	54.114	0.47278	0.35072	362.12	1114.5	1358.8	0.00000	1.03969E-02
38020000	0.59958	54.114	0.47277	0.35072	362.12	1114.5	1358.9	0.00000	4.08745E-04
38030000	0.59957	54.114	0.47276	0.35072	362.12	1114.5	1358.9	0.00000	1.85585E-03
38040000	0.59965	54.114	0.47276	0.35072	362.12	1114.5	1358.8	0.00000	3.68840E-04
38050000	0.59980	54.114	0.47275	0.35072	362.12	1114.5	1358.6	0.00000	3.23456E-04
38060000	0.60001	54.114	0.47274	0.35072	362.11	1114.5	1358.3	0.00000	1.47988E-03
38070000	0.60022	54.114	0.47274	0.35072	362.11	1114.5	1358.0	0.00000	4.57549E-04
40010000	0.60047	54.111	0.47326	0.21862	362.22	1114.5	1358.5	0.00000	6.37635E-02
42010000	0.63079	54.114	0.47273	0.32880	362.11	1114.5	1320.0	0.00000	2.59341E-03
44010000	0.35024	55.936	0.26928	0.16683	311.17	1103.0	1325.4	0.00000	-6.1923
46010000	0.44639	55.109	0.35041	0.20824	334.92	1111.1	1351.6	0.00000	4.6187
46020000	0.45085	55.075	0.35415	0.35620	335.85	1111.2	1352.3	0.00000	8.23323E-02
46030000	0.45089	55.075	0.35421	0.35620	335.86	1111.2	1352.3	0.00000	4.47382E-03
48010000	0.24949	56.676	0.20050	0.27948	288.99	1103.3	1354.4	0.00000	4.0183
48020000	0.23966	56.783	0.19228	0.27948	285.70	1102.4	1351.5	0.00000	-0.28631
48030000	0.23846	56.794	0.19125	0.27948	285.35	1102.5	1351.2	0.00000	-5.61253E-02
48040000	0.23828	56.796	0.19112	0.27948	285.31	1102.6	1351.3	0.00000	2.36556E-02
48050000	0.23823	56.796	0.19112	0.27948	285.31	1102.6	1351.5	0.00000	2.02835E-02
48060000	0.23822	56.795	0.19114	0.27948	285.32	1102.6	1351.6	0.00000	4.71089E-02
48070000	0.23819	56.795	0.19115	0.27948	285.33	1102.6	1351.7	0.00000	2.14862E-02
48080000	0.23817	56.795	0.19117	0.27948	285.33	1102.6	1351.9	0.00000	1.89741E-02
48090000	0.23815	56.795	0.19119	0.27948	285.34	1102.6	1352.0	0.00000	4.55788E-02
50010000	0.23556	56.820	0.18922	0.28824	284.56	1102.5	1352.1	0.00000	6.12894E-02
50020000	0.23527	56.823	0.18902	0.28824	284.47	1102.4	1352.2	0.00000	1.25866E-02
50030000	0.23522	56.823	0.18901	0.28824	284.46	1102.4	1352.3	0.00000	4.38631E-02
50040000	0.23518	56.823	0.18901	0.28824	284.47	1102.4	1352.4	0.00000	2.09764E-02
50050000	0.23516	56.823	0.18904	0.28824	284.47	1102.4	1352.6	0.00000	4.60070E-02
52010000	0.23514	56.823	0.18905	0.27400	284.48	1102.4	1352.7	0.00000	4.84570E-02
54010000	0.22718	56.903	0.18293	0.30578	281.98	1101.9	1352.7	0.00000	0.25042
54020000	0.22625	56.913	0.18218	0.30578	281.67	1101.9	1352.5	0.00000	-1.71967E-05
54030000	0.22612	56.914	0.18209	0.30578	281.64	1101.9	1352.6	0.00000	1.69517E-02
54040000	0.22609	56.914	0.18211	0.30578	281.64	1101.9	1352.7	0.00000	3.35325E-02
54050000	0.22607	56.914	0.18212	0.30578	281.65	1101.9	1352.9	0.00000	3.39374E-02
54060000	0.22605	56.913	0.18214	0.30578	281.65	1101.9	1353.0	0.00000	3.38664E-02
54070000	0.22604	56.913	0.18215	0.30578	281.66	1101.9	1353.1	0.00000	3.36323E-02
54080000	0.22602	56.913	0.18216	0.30578	281.67	1101.9	1353.2	0.00000	1.88373E-02
54090000	0.22601	56.913	0.18218	0.30578	281.68	1101.9	1353.4	0.00000	1.87183E-02
54100000	0.22600	56.912	0.18220	0.30578	281.69	1101.9	1353.5	0.00000	1.86768E-02
54110000	0.22599	56.912	0.18222	0.30578	281.69	1101.9	1353.6	0.00000	1.86558E-02
54120000	0.22598	56.912	0.18224	0.30578	281.70	1101.9	1353.7	0.00000	1.86455E-02
54130000	0.22598	56.911	0.18226	0.30578	281.71	1101.9	1353.8	0.00000	1.86555E-02
54140000	0.22598	56.911	0.18229	0.30578	281.72	1101.9	1353.9	0.00000	1.87019E-02
54150000	0.22599	56.911	0.18231	0.30578	281.73	1101.9	1354.0	0.00000	1.89294E-02
54160000	0.22600	56.911	0.18234	0.30578	281.74	1101.9	1354.0	0.00000	4.44573E-02
54170000	0.22602	56.910	0.18237	0.30578	281.75	1101.9	1354.1	0.00000	4.84285E-02
54180000	0.22605	56.910	0.18240	0.30578	281.77	1101.9	1354.1	0.00000	1.22830E-02
54190000	0.22605	56.910	0.18244	0.30578	281.77	1101.8	1354.3	0.00000	5.71032E-02
54200000	0.22607	56.909	0.18247	0.30578	281.78	1101.8	1354.3	0.00000	4.82390E-02
54210000	0.22610	56.909	0.18250	0.30578	281.80	1101.8	1354.4	0.00000	3.61653E-02
54220000	0.22614	56.908	0.18254	0.30578	281.81	1101.8	1354.4	0.00000	3.37159E-02
54230000	0.22619	56.908	0.18257	0.30578	281.82	1101.8	1354.4	0.00000	3.38738E-02
54240000	0.22625	56.907	0.18262	0.30578	281.84	1101.8	1354.4	0.00000	3.40051E-02
54250000	0.22632	56.907	0.18266	0.30578	281.86	1101.7	1354.3	0.00000	3.40569E-02
54260000	0.22640	56.906	0.18271	0.30578	281.88	1101.7	1354.2	0.00000	3.39455E-02
54270000	0.22650	56.905	0.18276	0.30578	281.90	1101.7	1354.1	0.00000	1.94163E-02
54280000	0.22661	56.905	0.18281	0.30578	281.92	1101.7	1354.0	0.00000	1.93000E-02
54290000	0.22673	56.904	0.18287	0.30578	281.94	1101.7	1353.9	0.00000	1.93756E-02
54300000	0.22687	56.903	0.18294	0.30578	281.97	1101.7	1353.7	0.00000	1.99063E-02
54310000	0.22702	56.902	0.18301	0.30578	281.99	1101.7	1353.4	0.00000	4.83650E-02
54320000	0.22719	56.902	0.18308	0.30578	282.02	1101.6	1353.2	0.00000	5.19466E-02
54330000	0.22738	56.901	0.18316	0.30578	282.05	1101.6	1352.9	0.00000	5.20737E-02
54340000	0.22758	56.899	0.18324	0.30578	282.09	1101.6	1352.6	0.00000	2.19943E-02
54350000	0.22779	56.898	0.18334	0.30578	282.12	1101.6	1352.3	0.00000	2.08658E-02
54360000	0.22802	56.897	0.18343	0.30578	282.16	1101.5	1351.9	0.00000	5.20492E-02
54370000	0.22827	56.896	0.18353	0.30578	282.19	1101.5	1351.5	0.00000	5.42015E-02
54380000	0.22854	56.895	0.18364	0.30578	282.24	1101.5	1351.1	0.00000	2.28085E-02
54390000	0.22883	56.893	0.18375	0.30578	282.28	1101.5	1350.6	0.00000	2.16605E-02
54400000	0.22913	56.892	0.18387	0.30578	282.32	1101.4	1350.1	0.00000	5.35926E-02
54410000	0.22946	56.890	0.18399	0.30578	282.37	1101.4	1349.6	0.00000	5.56670E-02
54420000	0.22981	56.889	0.18411	0.30578	282.42	1101.3	1349.0	0.00000	2.33975E-02
54430000	0.23017	56.887	0.18424	0.30578	282.47	1101.3	1348.3	0.00000	2.21601E-02
54440000	0.23056	56.886	0.18438	0.30578	282.51	1101.2	1347.6	0.00000	5.45275E-02
54450000	0.23097	56.884	0.18452	0.30578	282.56	1101.2	1346.8	0.00000	5.64573E-02
54460000	0.23141	56.882	0.18466	0.30578	282.62	1101.1	1346.0	0.00000	2.41002E-02
54470000	0.23187	56.881	0.18481	0.30578	282.67	1101.1	1345.1	0.00000	5.50042E-02
54480000	0.23236	56.879	0.18496	0.30578	282.73	1101.0	1344.2	0.00000	5.67813E-02
54490000	0.23288	56.877	0.18512	0.30578	282.79	1100.9	1343.2	0.00000	2.43015E-02
54500000	0.23342	56.875	0.18528	0.30578	282.84	1100.8	1342.1	0.00000	5.52413E-02
54510000	0.23399	56.873	0.18545	0.30578	282.90	1100.8	1340.9	0.00000	5.69513E-02
54520000	0.23459	56.871	0.18561	0.30578	282.97	1100.7	1339.7	0.00000	2.44498E-02
54530000	0.23521	56.869	0.18579	0.30578	283.03	1100.6	1338.5	0.00000	5.49902E-02
54540000	0.23587	56.867	0.18597	0.30578	283.09	1100.5	1337.1	0.00000	2.47120E-02
54550000	0.23656	56.865	0.18615	0.30578	283.15	1100.4	1335.7	0.00000	5.54284E-02
54560000	0.23728	56.863	0.18634	0.30578	283.22	1100.2	1334.2	0.00000	5.70547E-02
54570000	0.23803	56.861	0.18654	0.30578	283.29	1100.1	1332.6	0.00000	2.47377E-02
54580000	0.23882	56.859	0.18674	0.30578	283.36	1100.0	1331.0	0.00000	5.52196E-02
54590000	0.23964	56.856	0.18695	0.30578					

54310000	0.22702	56.902	0.18301	0.30578	281.99	1101.7	1353.4	0.00000	4.83650E-02
54320000	0.22719	56.902	0.18308	0.30578	282.02	1101.6	1353.2	0.00000	5.19466E-02
54330000	0.22738	56.901	0.18316	0.30578	282.05	1101.6	1352.9	0.00000	5.20737E-02
54340000	0.22758	56.899	0.18324	0.30578	282.09	1101.6	1352.6	0.00000	2.19943E-02
54350000	0.22779	56.898	0.18334	0.30578	282.12	1101.6	1352.3	0.00000	2.08658E-02
54360000	0.22802	56.897	0.18343	0.30578	282.16	1101.5	1351.9	0.00000	5.20492E-02
54370000	0.22827	56.896	0.18353	0.30578	282.19	1101.5	1351.5	0.00000	5.42015E-02
54380000	0.22854	56.895	0.18364	0.30578	282.24	1101.5	1351.1	0.00000	2.28095E-02
54390000	0.22883	56.893	0.18375	0.30578	282.28	1101.5	1350.6	0.00000	2.16605E-02
54400000	0.22913	56.892	0.18387	0.30578	282.32	1101.4	1350.1	0.00000	5.35926E-02
54410000	0.22946	56.890	0.18399	0.30578	282.37	1101.4	1349.6	0.00000	5.56670E-02
54420000	0.22981	56.889	0.18411	0.30578	282.42	1101.3	1349.0	0.00000	2.33975E-02
54430000	0.23017	56.887	0.18424	0.30578	282.47	1101.3	1348.3	0.00000	2.21601E-02
54440000	0.23056	56.886	0.18438	0.30578	282.51	1101.2	1347.6	0.00000	5.45275E-02
54450000	0.23097	56.884	0.18452	0.30578	282.56	1101.2	1346.8	0.00000	5.64573E-02
54460000	0.23141	56.882	0.18466	0.30578	282.62	1101.1	1346.0	0.00000	2.41002E-02
54470000	0.23187	56.881	0.18481	0.30578	282.67	1101.1	1345.1	0.00000	5.50042E-02
54480000	0.23236	56.879	0.18496	0.30578	282.73	1101.0	1344.2	0.00000	5.67813E-02
54490000	0.23288	56.877	0.18512	0.30578	282.79	1100.9	1343.2	0.00000	2.43015E-02
54500000	0.23342	56.875	0.18528	0.30578	282.84	1100.8	1342.1	0.00000	5.52413E-02
54510000	0.23399	56.873	0.18545	0.30578	282.90	1100.8	1340.9	0.00000	5.69513E-02
54520000	0.23459	56.871	0.18561	0.30578	282.97	1100.7	1339.7	0.00000	2.44498E-02
54530000	0.23521	56.869	0.18579	0.30578	283.03	1100.6	1338.5	0.00000	5.49902E-02
54540000	0.23587	56.867	0.18597	0.30578	283.09	1100.5	1337.1	0.00000	2.47120E-02
54550000	0.23656	56.865	0.18615	0.30578	283.15	1100.4	1335.7	0.00000	5.54284E-02
54560000	0.23728	56.863	0.18634	0.30578	283.22	1100.2	1334.2	0.00000	5.70547E-02
54570000	0.23803	56.861	0.18654	0.30578	283.29	1100.1	1332.6	0.00000	2.47377E-02
54580000	0.23882	56.859	0.18674	0.30578	283.36	1100.0	1331.0	0.00000	5.52196E-02
54590000	0.23964	56.856	0.18695	0.30578	283.43	1099.9	1329.2	0.00000	2.50726E-02
54600000	0.24050	56.854	0.18716	0.30578	283.50	1099.7	1327.5	0.00000	5.55923E-02
54610000	0.24139	56.851	0.18738	0.30578	283.58	1099.5	1325.6	0.00000	2.54344E-02
54620000	0.24232	56.849	0.18762	0.30578	283.66	1099.4	1323.7	0.00000	5.66855E-02
54630000	0.24329	56.846	0.18786	0.30578	283.74	1099.2	1321.7	0.00000	5.87409E-02
54640000	0.24431	56.844	0.18811	0.30578	283.82	1099.0	1319.6	0.00000	2.61646E-02
54650000	0.24536	56.841	0.18838	0.30578	283.91	1098.8	1317.4	0.00000	5.81701E-02
54660000	0.24646	56.838	0.18865	0.30578	284.01	1098.6	1315.2	0.00000	2.70929E-02
54670000	0.24761	56.835	0.18894	0.30578	284.10	1098.4	1312.9	0.00000	5.97709E-02
54680000	0.24880	56.831	0.18923	0.30578	284.20	1098.2	1310.5	0.00000	2.75725E-02
54690000	0.25005	56.828	0.18954	0.30578	284.31	1098.0	1308.1	0.00000	2.65093E-02
54700000	0.25134	56.825	0.18986	0.30578	284.41	1097.7	1305.5	0.00000	6.19295E-02
54710000	0.25269	56.821	0.19019	0.30578	284.52	1097.5	1302.8	0.00000	6.39636E-02
54720000	0.25410	56.818	0.19051	0.30578	284.63	1097.3	1300.0	0.00000	6.29237E-02
54730000	0.25558	56.814	0.19084	0.30578	284.74	1097.0	1297.1	0.00000	2.78593E-02
54740000	0.25714	56.811	0.19116	0.30578	284.84	1096.8	1293.9	0.00000	5.85647E-02
54750000	0.25879	56.807	0.19147	0.30578	284.95	1096.6	1290.4	0.00000	2.62988E-02
54760000	0.26055	56.804	0.19177	0.30578	285.04	1096.3	1286.6	0.00000	5.37434E-02
54770000	0.26247	56.802	0.19205	0.30578	285.13	1096.1	1282.4	0.00000	5.15903E-02
54780000	0.26461	56.799	0.19230	0.30578	285.21	1095.9	1277.5	0.00000	2.15925E-02
54790000	0.26703	56.797	0.19254	0.30578	285.29	1095.7	1271.9	0.00000	4.19791E-02
54800000	0.26984	56.794	0.19274	0.30578	285.35	1095.5	1265.2	0.00000	3.85277E-02
54810000	0.27318	56.793	0.19292	0.30578	285.41	1095.3	1257.1	0.00000	1.56048E-02
54820000	0.27724	56.791	0.19308	0.30578	285.45	1095.2	1247.3	0.00000	2.82732E-02
54830000	0.28224	56.790	0.19320	0.30578	285.49	1095.0	1235.3	0.00000	1.17545E-02
54840000	0.28847	56.789	0.19331	0.30578	285.52	1094.9	1220.5	0.00000	2.01756E-02
54850000	0.29628	56.788	0.19339	0.30578	285.55	1094.8	1202.6	0.00000	1.31631E-02
54860000	0.30604	56.787	0.19346	0.30578	285.56	1094.7	1180.9	0.00000	9.99967E-03
54870000	0.31815	56.787	0.19351	0.30578	285.58	1094.7	1155.3	0.00000	8.10091E-03
54880000	0.33303	56.787	0.19354	0.30578	285.59	1094.7	1125.7	0.00000	6.57689E-03
54890000	0.35101	56.786	0.19356	0.30578	285.60	1094.7	1092.4	0.00000	5.38911E-03
54900000	0.37236	56.786	0.19358	0.30578	285.61	1094.7	1055.9	0.00000	4.52926E-03
54910000	0.39715	56.786	0.19359	0.30578	285.62	1094.7	1017.1	0.00000	3.90128E-03
54920000	0.42527	56.786	0.19360	0.30578	285.63	1094.8	977.19	0.00000	3.42628E-03
54930000	0.45634	56.785	0.19362	0.30578	285.64	1094.9	937.39	0.00000	3.00191E-03
54940000	0.48972	56.785	0.19364	0.30578	285.65	1095.0	898.86	0.00000	2.50814E-03
54950000	0.52450	56.784	0.19367	0.30578	285.67	1095.0	862.63	0.00000	1.91312E-03
56010000	0.57073	56.811	0.19157	0.49155	284.85	1095.0	813.94	0.00000	0.12452
56020000	0.61744	56.812	0.19142	0.49155	284.80	1095.1	775.12	0.00000	-4.47704E-03
56030000	0.65704	56.809	0.19169	0.49155	284.90	1095.1	746.39	0.00000	-2.07167E-02
56040000	0.68735	56.804	0.19211	0.49155	285.06	1095.1	726.57	0.00000	-2.99840E-02
56050000	0.70848	56.797	0.19263	0.49155	285.26	1095.0	714.04	0.00000	-3.87433E-02
56060000	0.72143	56.790	0.19324	0.49155	285.48	1094.9	707.30	0.00000	-3.94919E-02
56070000	0.72776	56.783	0.19388	0.49155	285.70	1094.6	704.84	0.00000	-5.90325E-02
56080000	0.73030	56.772	0.19486	0.49155	286.06	1094.3	705.47	0.00000	-3.05570E-02
56090000	0.72338	56.776	0.19465	0.49155	285.93	1093.8	709.19	0.00000	-4.76709E-02
56100000	0.74919	56.728	0.19852	0.49155	287.40	1093.5	702.26	0.00000	-2.27998E-02
56110000	0.82882	56.719	0.19942	0.49155	287.68	1092.9	660.14	0.00000	-6.07151E-02
56120000	0.91585	56.714	0.19996	0.49155	287.82	1092.3	619.65	0.00000	-0.12622
56130000	0.99661	56.706	0.20077	0.49155	288.07	1091.6	587.57	0.00000	-0.11699
56140000	1.0695	56.695	0.20187	0.49155	288.43	1090.9	562.49	0.00000	-0.12677
56150000	1.1360	56.681	0.20314	0.49155	288.85	1090.3	542.26	0.00000	-0.15192
56160000	1.1984	56.666	0.20455	0.49155	289.32	1089.7	525.22	0.00000	-0.17732
56170000	1.2589	56.649	0.20609	0.49155	289.84	1089.2	510.30	0.00000	-0.20007
56180000	1.3187	56.630	0.20776	0.49155	290.40	1088.7	496.87	0.00000	-0.22048
56190000	1.3784	56.610	0.20956	0.49155	291.02	1088.3	484.60	0.00000	-0.23950
56200000	1.4379	56.588	0.21149	0.49155	291.69	1087.9	473.40	0.00000	-0.25843
56210000	1.4967	56.565	0.21352	0.49155	292.40	1087.7	463.24	0.00000	-0.27828
56220000	1.5540	56.540	0.21566	0.49155	293.14	1087.5	454.17	0.00000	-0.29933
56230000	1.6086	56.515	0.21786	0.49155	293.91	1087.4	446.25	0.00000	-0.32132
56240000	1.6592	56.489	[illegible]	0.49155	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

54910000	0.39715	56.786	0.19359	0.30578	285.62	1094.7	1017.1	0.00000	3.90128E-03
54920000	0.42527	56.786	0.19360	0.30578	285.63	1094.8	977.19	0.00000	3.42628E-03
54930000	0.45634	56.785	0.19362	0.30578	285.64	1094.9	937.39	0.00000	3.00191E-03
54940000	0.48972	56.785	0.19364	0.30578	285.65	1095.0	898.86	0.00000	2.50814E-03
54950000	0.52450	56.784	0.19367	0.30578	285.67	1095.0	862.63	0.00000	1.91312E-03
56010000	0.57073	56.811	0.19157	0.49155	284.85	1095.0	813.94	0.00000	0.12452
56020000	0.61744	56.812	0.19142	0.49155	284.80	1095.1	775.12	0.00000	-4.47704E-03
56030000	0.65704	56.809	0.19169	0.49155	284.90	1095.1	746.39	0.00000	-2.07167E-02
56040000	0.68735	56.804	0.19211	0.49155	285.06	1095.1	726.57	0.00000	-2.99840E-02
56050000	0.70848	56.797	0.19263	0.49155	285.26	1095.0	714.04	0.00000	-3.87433E-02
56060000	0.72143	56.790	0.19324	0.49155	285.48	1094.9	707.30	0.00000	-3.94919E-02
56070000	0.72776	56.783	0.19388	0.49155	285.70	1094.6	704.84	0.00000	-5.90325E-02
56080000	0.73030	56.772	0.19486	0.49155	286.06	1094.3	705.47	0.00000	-3.05570E-02
56090000	0.72338	56.776	0.19465	0.49155	285.93	1093.8	709.19	0.00000	-4.76709E-02
56100000	0.74919	56.728	0.19852	0.49155	287.40	1093.5	702.26	0.00000	-2.27998E-02
56110000	0.82882	56.719	0.19942	0.49155	287.68	1092.9	660.14	0.00000	-6.07151E-02
56120000	0.91585	56.714	0.19996	0.49155	287.82	1092.3	619.65	0.00000	-0.12622
56130000	0.99661	56.706	0.20077	0.49155	288.07	1091.6	587.57	0.00000	-0.11699
56140000	1.0695	56.695	0.20187	0.49155	288.43	1090.9	562.49	0.00000	-0.12677
56150000	1.1360	56.681	0.20314	0.49155	288.85	1090.3	542.26	0.00000	-0.15192
56160000	1.1984	56.666	0.20435	0.49155	289.32	1089.7	525.22	0.00000	-0.17732
56170000	1.2589	56.649	0.20609	0.49155	289.84	1089.2	510.30	0.00000	-0.20007
56180000	1.3187	56.630	0.20776	0.49155	290.40	1088.7	496.87	0.00000	-0.22048
56190000	1.3784	56.610	0.20956	0.49155	291.02	1088.3	484.60	0.00000	-0.23950
56200000	1.4379	56.588	0.21149	0.49155	291.69	1087.9	473.40	0.00000	-0.25843
56210000	1.4967	56.565	0.21352	0.49155	292.40	1087.7	463.24	0.00000	-0.27828
56220000	1.5540	56.540	0.21566	0.49155	293.14	1087.5	454.17	0.00000	-0.29933
56230000	1.6086	56.515	0.21786	0.49155	293.91	1087.4	446.25	0.00000	-0.32132
56240000	1.6592	56.489	0.22012	0.49155	294.69	1087.3	439.60	0.00000	-0.34357
56250000	1.7043	56.463	0.22240	0.49155	295.49	1087.3	434.33	0.00000	-0.36504
56260000	1.7419	56.437	0.22469	0.49155	296.28	1087.3	430.60	0.00000	-0.38443
56270000	1.7705	56.411	0.22695	0.49155	297.05	1087.4	428.54	0.00000	-0.40022
56280000	1.7888	56.386	0.22916	0.49155	297.80	1087.4	428.24	0.00000	-0.41094
56290000	1.7967	56.362	0.23131	0.49155	298.51	1087.2	429.65	0.00000	-0.41532
56300000	1.7955	56.340	0.23340	0.49155	299.17	1086.7	432.51	0.00000	-0.41252
56310000	1.7889	56.321	0.23546	0.49155	299.74	1085.4	436.21	0.00000	-0.40213
56320000	1.7838	56.307	0.23756	0.49155	300.18	1082.5	439.62	0.00000	-0.38416
56330000	1.7918	56.298	0.23984	0.49155	300.43	1076.9	440.77	0.00000	-0.35936
56340000	1.8273	56.301	0.24255	0.49155	300.36	1066.3	437.39	0.00000	-0.33233
56350000	1.9636	56.321	0.24596	0.49155	299.76	1047.8	418.42	0.00000	-0.31578
58010000	2.1859	56.380	0.25066	0.54635	298.01	1013.5	390.89	0.00000	-0.22490
58020000	2.5877	56.480	0.25775	0.54635	295.04	961.86	351.13	0.00000	-0.41678
58030000	3.1983	56.626	0.26755	0.54635	290.64	893.65	308.64	0.00000	-0.65102
58040000	3.9933	56.813	0.27990	0.54635	284.94	815.44	273.39	0.00000	-0.82132
58050000	4.8812	57.022	0.29397	0.54635	278.48	737.24	249.74	0.00000	-0.78446
58060000	5.6875	57.231	0.30880	0.54635	271.92	666.93	237.74	0.00000	-0.56946
58070000	6.7454	57.437	0.32256	0.54635	265.31	607.08	224.78	0.00000	-0.44697
60010000	6.9555	57.643	0.33238	0.60828	258.67	557.32	228.07	0.00000	0.16074
60020000	6.6272	57.829	0.34082	0.60828	252.60	517.91	239.55	0.00000	0.39100
60030000	5.8052	57.999	0.34791	0.60828	246.96	485.34	261.32	0.00000	0.41685
62010000	4.7982	58.147	0.35526	0.54800	241.96	458.12	293.41	0.00000	5.38953E-02
62020000	3.7350	58.295	0.36434	0.54800	236.91	431.90	340.98	0.00000	-7.93350E-02
64010000	2.3862	58.559	0.37965	0.90420	227.73	390.24	445.20	0.00000	0.27717
66010000	1.9670	59.113	0.40788	0.82200	207.84	321.91	507.78	0.00000	0.28047
68010000	2.8309	60.421	0.45989	0.82200	155.45	227.48	433.03	0.00000	-2.2726
69010000	11.186	61.626	0.41811	2.2358	94.383	183.99	212.98	0.00000	-0.45894
70010000	34.225	61.717	0.40277	2.2358	88.622	179.30	161.02	0.00000	-1.84374E-02
71010000	56.524	61.728	0.42635	2.2358	88.025	179.14	297.09	0.00000	-4.36206E-03
73010000	60.805	61.715	6.95624E-02	600.33	87.953	180.35	250.71	0.00000	2.20734E-05
75010000	4.4728	61.718	4.61235E-02	199.98	87.679	260.96	99.869	0.00000	-7.92227E-03
76010000	0.71035	53.643	0.57355	0.10050	374.56	1097.9	1359.2	0.00000	-23.344
76020000	0.55673	54.514	0.44119	0.10050	351.38	1100.1	1348.6	0.00000	-17.814
76030000	0.48908	54.926	0.38232	0.10050	340.01	1103.6	1341.2	0.00000	-11.405
76040000	0.44363	55.226	0.34382	0.10050	331.60	1105.3	1336.0	0.00000	-7.4315
79010000	9.0402	32.899	9.0402	0.11760	743.79	1011.4	1077.5	0.00000	-1.63662E-04
81010000	9.0453	32.897	9.0453	8.65830E-02	743.81	1011.3	1077.2	0.00000	-1.83241E-04
83010000	8.8756	32.820	8.8756	7.93800E-02	744.66	1015.2	1407.7	0.00000	0.00000
83020000	9.0677	32.820	9.0677	9.37860E-02	744.65	1011.3	1075.2	0.00000	-1.88662E-06
85010000	9.0751	32.807	9.0751	0.10334	744.80	1011.2	1377.4	0.00000	0.00000
85020000	8.8774	32.806	8.8774	0.10334	744.81	1015.2	1409.5	0.00000	0.00000
87010000	9.0611	32.880	9.0611	8.58480E-02	743.99	1011.0	1076.3	0.00000	-2.37776E-04
89010000	9.0694	32.864	9.0694	0.11539	744.17	1010.9	1075.7	0.00000	-2.14685E-04
91010000	9.0888	32.853	9.0888	0.15787	744.29	1010.5	1074.6	0.00000	-2.74748E-04
91020000	9.0816	32.857	9.0816	0.15787	744.24	1010.6	1075.0	0.00000	-2.55698E-04
91030000	9.0746	32.861	9.0746	0.15787	744.21	1010.8	1075.4	0.00000	-2.32537E-04
93010000	7.08820E-02	61.517	6.89986E-02	9000.0	100.05	255.41	1092.3	0.00000	7.02205E-04
95010000	0.47523	54.960	0.36734	0.10251	339.07	1111.7	1340.6	0.00000	1.2003
96010000	0.59409	54.152	0.46777	0.16944	361.12	1114.4	1357.7	0.00000	1.9196
97010000	0.44541	55.190	0.34364	0.12140	332.63	1108.9	1336.1	0.00000	-2.6279
99010000	9.0235	32.916	9.0235	0.11760	743.59	1011.7	1078.5	0.00000	-1.62628E-04
101010000	9.0285	32.914	9.0285	8.65830E-02	743.61	1011.6	1078.2	0.00000	-1.88670E-04
103010000	9.0400	32.899	9.0400	0.10054	743.78	1011.4	1077.5	0.00000	-1.92552E-04
103020000	9.0359	32.901	9.0359	9.37860E-02	743.76	1011.5	1077.7	0.00000	-1.73466E-04
105010000	9.0546	32.882	9.0546	0.15155	743.97	1011.1	1076.6	0.00000	-2.09091E-04
105020000	9.0481	32.885	9.0481	0.15155	743.94	1011.3	1077.0	0.00000	-1.79089E-04
107010000	9.0611	32.880	9.0611	8.58480E-02	743.99	1011.0	1076.3	0.00000	-2.38349E-04
109010000	9.0694	32.864	9.0693	0.11539	744.17	1010.9	1075.7	0.00000	-2.15180E-04
111010000	9.0888	32.853	9.0888	0.15787	744.29	1010.5	1074.6	0.00000	-2.75059E-04
111020000	9.0816	32.858	9.0816	0.15787	744.24	1010.6	1075.0	0.00000	-2.56075E-04

76010000	0.71035	53.643	0.57355	0.10050	374.56	1097.9	1359.2	0.00000	-23.344
76020000	0.55673	54.514	0.44119	0.10050	351.38	1100.1	1348.6	0.00000	-17.814
76030000	0.48908	54.926	0.38232	0.10050	340.01	1103.6	1341.2	0.00000	-11.405
76040000	0.44363	55.226	0.34382	0.10050	331.60	1105.3	1336.0	0.00000	-7.4315
79010000	9.0402	32.899	9.0402	0.11760	743.79	1011.4	1077.5	0.00000	-1.63662E-04
81010000	9.0453	32.897	9.0453	8.65830E-02	743.81	1011.3	1077.2	0.00000	-1.83241E-04
83010000	8.8756	32.820	8.8756	7.93800E-02	744.66	1015.2	1407.7	0.00000	0.00000
83020000	9.0677	32.820	9.0677	9.37860E-02	744.65	1011.3	1075.2	0.00000	-1.88662E-06
85010000	9.0751	32.807	9.0751	0.10334	744.80	1011.2	1377.4	0.00000	0.00000
85020000	8.8774	32.806	8.8774	0.10334	744.81	1015.2	1409.5	0.00000	0.00000
87010000	9.0611	32.880	9.0611	8.58480E-02	743.99	1011.0	1076.3	0.00000	-2.37776E-04
89010000	9.0694	32.864	9.0694	0.11539	744.17	1010.9	1075.7	0.00000	-2.14685E-04
91010000	9.0888	32.853	9.0888	0.15787	744.29	1010.5	1074.6	0.00000	-2.74748E-04
91020000	9.0816	32.857	9.0816	0.15787	744.24	1010.6	1075.0	0.00000	-2.55698E-04
91030000	9.0746	32.861	9.0746	0.15787	744.21	1010.8	1075.4	0.00000	-2.32537E-04
93010000	7.08820E-02	61.517	6.89986E-02	9000.0	100.05	255.41	1092.3	0.00000	7.02205E-04
95010000	0.47523	54.960	0.36734	0.10251	339.07	1111.7	1340.6	0.00000	1.2003
96010000	0.59409	54.152	0.46777	0.16944	361.12	1114.4	1357.7	0.00000	1.9196
97010000	0.44541	55.190	0.34364	0.12140	332.63	1108.9	1336.1	0.00000	-2.6279
99010000	9.0235	32.916	9.0235	0.11760	743.59	1011.7	1078.5	0.00000	-1.62628E-04
101010000	9.0285	32.914	9.0285	8.65830E-02	743.61	1011.6	1078.2	0.00000	-1.88670E-04
103010000	9.0400	32.899	9.0400	0.10054	743.78	1011.4	1077.5	0.00000	-1.92552E-04
103020000	9.0359	32.901	9.0359	9.37860E-02	743.76	1011.5	1077.7	0.00000	-1.73466E-04
105010000	9.0546	32.882	9.0546	0.15155	743.97	1011.1	1076.6	0.00000	-2.09091E-04
105020000	9.0481	32.885	9.0481	0.15155	743.94	1011.3	1077.0	0.00000	-1.79089E-04
107010000	9.0611	32.880	9.0611	8.58480E-02	743.99	1011.0	1076.3	0.00000	-2.38349E-04
109010000	9.0694	32.864	9.0693	0.11539	744.17	1010.9	1075.7	0.00000	-2.15180E-04
111010000	9.0888	32.853	9.0888	0.15787	744.29	1010.5	1074.6	0.00000	-2.75059E-04
111020000	9.0816	32.858	9.0816	0.15787	744.24	1010.6	1075.0	0.00000	-2.56075E-04
111030000	9.0745	32.861	9.0745	0.15787	744.20	1010.8	1075.4	0.00000	-2.32979E-04
113010000	9.1281	32.731	9.1281	0.00000	745.63	1010.4	1070.9	0.00000	10.976
114010000	0.44938	55.085	0.35309	0.31455	335.58	1111.2	1352.4	0.00000	2.34299E-02
114020000	0.44923	55.086	0.35298	0.31455	335.56	1111.2	1352.4	0.00000	2.12675E-03
114030000	0.44912	55.086	0.35292	0.31455	335.54	1111.2	1352.5	0.00000	2.25225E-03
136010000	0.48656	54.898	0.37683	0.17165	340.80	1110.2	1340.7	0.00000	-2.4276
178010000	6.3844	38.779	5.4208	1.56400E-02	665.73	1066.9	1149.2	0.00000	0.00000
193010000	7.22074E-02	61.548	6.86179E-02	9000.0	98.241	251.74	1075.2	0.00000	2.13716E-04
195010000	0.38876	55.588	0.29916	0.12462	321.30	1109.0	1333.2	0.00000	0.30972
195020000	0.37785	55.661	0.29176	0.11656	319.19	1108.7	1335.2	0.00000	1.6688
198010000	6.3885	38.780	5.4203	1.56400E-02	665.72	1067.0	1148.7	0.00000	0.00000

VOL.NO.	LRGST.MASS ERR.		REDUCE-QUALITY		REDUCE-EXTRAP.		REDUCE-MASS		REDUCE-PROPTY.		MIN.COURANT		REDUCE-COURANT	
	EDIT	TOTAL	EDIT	TOTAL	EDIT	TOTAL	EDIT	TOTAL	EDIT	TOTAL	EDIT	TOTAL	EDIT	TOTAL
1010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
36020000	0	2	0	0	0	0	0	0	0	0	0	11	0	0
36030000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
38010000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
38020000	0	61	0	0	0	0	0	0	0	0	0	0	0	0
38030000	0	32	0	0	0	0	0	0	0	1	0	0	0	0
38040000	0	5	0	0	0	0	0	0	0	0	0	0	0	0
38050000	0	30	0	0	0	0	0	0	0	0	0	0	0	0
38060000	0	34	0	0	0	0	0	0	0	0	0	0	0	0
38070000	0	21	0	0	0	0	0	0	0	0	0	0	0	0
40010000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
42010000	0	9	0	0	0	0	0	0	0	1	0	0	0	0
44010000	0	15	0	0	0	0	0	1	0	0	0	2	0	0
46010000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
46020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
46030000	0	0	0	0	0	0	0	1	0	0	0	0	0	0
48010000	2	57	0	0	0	0	0	6	0	0	0	0	0	0
48020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
48030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48040000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
48050000	0	11	0	0	0	0	0	0	0	0	0	0	0	0
48060000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
48070000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
48080000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
48090000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
50010000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
50020000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
50030000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
50040000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
50050000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
52010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54040000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54050000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54060000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54070000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54080000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54090000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54110000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54120000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54130000	0	0	0	0	0	0	0	0	0	0	0	0	0	0

48010000	2	57	0	0	0	0	0	6	0	0	0	0	0	0
48020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
48030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48040000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
48050000	0	11	0	0	0	0	0	0	0	0	0	0	0	0
48060000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
48070000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
48080000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
48090000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
50010000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
50020000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
50030000	0	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0
50040000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
50050000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
52010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54040000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54050000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54060000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54070000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54080000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54090000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54100000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54110000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54120000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54130000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54140000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54150000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54160000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54170000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54180000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54190000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54200000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54210000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54220000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54230000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54240000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54250000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54260000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54270000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54280000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54290000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54300000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54310000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54320000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54330000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54340000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54350000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54360000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54370000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54380000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54390000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54400000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54410000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54420000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54430000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54440000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54450000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54460000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54470000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54480000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
54490000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54500000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54510000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54520000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54530000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54540000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54550000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54560000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54570000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54580000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54590000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54600000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54610000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54620000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
54630000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54640000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54650000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54660000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54670000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54680000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54690000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54700000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54710000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54720000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54730000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54740000	0	0	0	0	0	0	0	0	0	0	0	0	0	0

54470000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54480000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
54490000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54500000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54510000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54520000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54530000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54540000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54550000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54560000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54570000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54580000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54590000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54600000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54610000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54620000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
54630000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54640000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54650000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54660000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54670000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54680000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54690000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54700000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54710000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54720000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54730000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54740000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54750000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54760000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54770000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54780000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54790000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54800000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54810000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54820000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54830000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54840000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54850000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54860000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54870000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54880000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54890000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54900000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54910000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54920000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54930000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54940000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
54950000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56030000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56040000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56050000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56060000	0	5	0	0	0	0	0	0	0	0	0	0	0	0
56070000	0	5	0	0	0	0	0	0	0	0	0	0	0	0
56080000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
56090000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56100000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56110000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56120000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56130000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56140000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56150000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56160000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56170000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56180000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56190000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56200000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56210000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56220000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56230000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56240000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56250000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56260000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
56270000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
56280000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
56290000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
56300000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
56310000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
56320000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
56330000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
56340000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
56350000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
58010000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
58020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
58030000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
58040000	0	2	0	0	0	0	0	0	0	0	0	0	0	0

56110000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56120000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56130000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56140000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56150000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56160000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56170000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56180000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56190000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56200000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56210000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56220000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56230000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56240000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56250000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
56260000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
56270000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
56280000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
56290000	0	7	0	0	0	0	0	0	0	0	0	0	0	0
56300000	0	8	0	0	0	0	0	0	0	0	0	0	0	0
56310000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
56320000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
56330000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
56340000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
56350000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
58010000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
58020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
58030000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
58040000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
58050000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58060000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
58070000	1	1	0	0	0	0	0	0	0	0	0	0	0	0
60010000	1	2	0	0	0	0	0	0	0	0	0	0	0	0
60020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
60030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62010000	1	1	0	0	0	0	0	0	0	0	0	0	0	0
62020000	0	5	0	0	0	0	0	0	0	0	0	0	0	0
64010000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
66010000	0	55	0	0	0	0	0	0	0	0	0	0	0	0
68010000	0	64	0	0	0	0	0	0	0	0	0	0	0	0
69010000	51	66	0	0	0	0	0	0	0	0	0	0	0	0
70010000	96	96	0	0	0	0	0	0	0	0	0	0	0	0
71010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
75010000	0	1	0	0	0	0	0	0	0	1	0	0	0	0
76010000	48	257	0	0	0	0	0	0	0	0	0	20	0	0
76020000	0	10	0	0	0	0	0	1	0	0	0	28	0	0
76030000	0	28	0	0	0	0	0	0	0	0	200	700	100	290
76040000	0	1	0	0	0	0	0	0	0	0	0	644	0	155
79010000	0	14	0	0	0	0	0	0	0	0	0	0	0	0
81010000	0	3	0	0	0	0	0	0	0	0	0	0	0	0
83010000	0	5	0	0	0	0	0	0	0	0	0	0	0	0
83020000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
85010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
87010000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
89010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95010000	0	34	0	0	0	0	0	2	0	0	0	12	0	6
96010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
97010000	0	1	0	0	0	0	0	0	0	0	0	158	0	18
99010000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
101010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
103010000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
103020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
105020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
107010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
114030000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
136010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178010000	0	8	0	0	0	0	0	0	0	0	0	3	0	0
193010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
195020000	0	407	0	2	0	0	0	12	0	1	0	3	0	1
198010000	0	5	0	0	0	0	0	0	0	0	0	0	0	0

JUN.NO.	FROM VOL.	TO VOL.	LIQ. VEL. (FT/SEC)	VAP. VEL. (FT/SEC)	MASS FLOW (LB/SEC)	JUN.AREA (FT2)	THROAT RATIO	JUNCTION FLAGS	CHOKE FLAG	NO.ADVS. EDIT	CHOKED TOTAL

93010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95010000	0	34	0	0	0	0	0	2	0	0	0	12	0	6
96010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
97010000	0	1	0	0	0	0	0	0	0	0	0	158	0	18
99010000	0	4	0	0	0	0	0	0	0	0	0	0	0	0
101010000	0	1	0	0	0	0	0	0	0	0	0	0	0	0
103010000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
103020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
105020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
107010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111030000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114020000	0	2	0	0	0	0	0	0	0	0	0	0	0	0
114030000	0	9	0	0	0	0	0	0	0	0	0	0	0	0
136010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178010000	0	8	0	0	0	0	0	0	0	0	0	3	0	0
193010000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195010000	0	6	0	0	0	0	0	0	0	0	0	0	0	0
195020000	0	407	0	2	0	0	0	12	0	1	0	3	0	1
198010000	0	5	0	0	0	0	0	0	0	0	0	0	0	0

JUN.NO.	FROM VOL.	TO VOL.	LIQ. VEL. (FT/SEC)	VAP. VEL. (FT/SEC)	MASS FLOW (LB/SEC)	JUN.AREA (FT2)	THROAT RATIO	JUNCTION FLAGS	CHOKE FLAG	NO.ADVS.CHOKED EDIT	TOTAL
C-36 PIPE COMPONENT											
36010000	36010000	36020000	742.34	742.34	111.93	0.20100	1.0000	1000	0	0	0
36020000	36020000	36030000	922.46	922.46	111.94	0.20100	1.0000	1000	0	0	0
C-96-040 SNGLJUN COMPONENT											
37000000	96010000	40010000	177.24	177.24	21.164	0.20100	1.0000	0	0	0	10
C-38 PIPE COMPONENT											
38010000	38010000	38020000	64.346	64.346	21.145	0.54800	1.0000	1000	0	0	0
38020000	38020000	38030000	64.323	64.323	21.134	0.54800	1.0000	1000	0	0	0
38030000	38030000	38040000	64.300	64.300	21.127	0.54800	1.0000	1000	0	0	0
38040000	38040000	38050000	64.280	64.280	21.123	0.54800	1.0000	1000	0	0	0
38050000	38050000	38060000	64.261	64.261	21.122	0.54800	1.0000	1000	0	0	0
38060000	38060000	38070000	64.239	64.239	21.122	0.54800	1.0000	1000	0	0	0
C-40-38 SNGLJUN COMPONENT											
39000000	40010000	38010000	93.955	93.955	21.156	0.37500	1.0000	1000	0	0	0
C-38-42 SNGLJUN COMPONENT											
41000000	38070000	42010000	64.216	64.216	21.122	0.54800	1.0000	1000	0	0	0
C-42-44 SNGLJUN COMPONENT											
43000000	42010000	44010000	175.12	175.12	21.133	0.20100	1.0000	100	0	0	148
C-44-46 SNGLJUN COMPONENT											
45000000	44010000	46010000	860.73	860.73	60.583	0.20100	1.0000	100	0	0	150
C-46 PIPE COMPONENT											
46010000	46010000	46020000	247.68	247.68	60.591	0.54800	1.0000	1000	0	0	0
46020000	46020000	46030000	245.24	245.24	60.590	0.54800	1.0000	1000	0	0	0
C-46-48 SNGLJUN COMPONENT											
47000000	46030000	114010000	245.20	245.20	60.586	0.54800	1.0000	1000	0	0	0
C-48 PIPE COMPONENT											
48010000	48010000	48020000	442.05	442.05	60.405	0.54800	1.0000	1000	0	0	0
48020000	48020000	48030000	458.96	458.96	60.241	0.54800	1.0000	1000	0	0	0
48030000	48030000	48040000	460.01	460.01	60.076	0.54800	1.0000	1000	0	0	0
48040000	48040000	48050000	459.09	459.09	59.909	0.54800	1.0000	1000	0	0	0
48050000	48050000	48060000	457.93	457.93	59.749	0.54800	1.0000	1000	0	0	0
48060000	48060000	48070000	456.69	456.69	59.580	0.54800	1.0000	1000	0	0	0
48070000	48070000	48080000	455.50	455.50	59.422	0.54800	1.0000	1000	0	0	0
48080000	48080000	48090000	454.32	454.32	59.262	0.54800	1.0000	1000	0	0	0
C-48-50 SNGLJUN COMPONENT											
49000000	48090000	50010000	453.09	453.09	59.094	0.54800	1.0000	1000	0	0	0
C-50 PIPE COMPONENT											
50010000	50010000	50020000	456.81	456.81	58.937	0.54800	1.0000	1000	0	0	0
50020000	50020000	50030000	456.10	456.10	58.769	0.54800	1.0000	1000	0	0	0
50030000	50030000	50040000	454.90	454.90	58.600	0.54800	1.0000	1000	0	0	0
50040000	50040000	50050000	453.71	453.71	58.442	0.54800	1.0000	1000	0	0	0
C-50-52 SNGLJUN COMPONENT											
51000000	50050000	52010000	452.48	452.48	58.275	0.54800	1.0000	1000	0	0	0
C-52-54 SNGLJUN COMPONENT											
53000000	52010000	54010000	451.32	451.32	58.121	0.54800	1.0000	1000	0	0	0
C-54 PIPE COMPONENT											
54010000	54010000	54020000	465.74	465.74	57.947	0.54800	1.0000	1000	0	0	0
54020000	54020000	54030000	466.22	466.22	57.769	0.54800	1.0000	1000	0	0	0
54030000	54030000	54040000	465.09	465.09	57.597	0.54800	1.0000	1000	0	0	0
54040000	54040000	54050000	463.73	463.73	57.421	0.54800	1.0000	1000	0	0	0
54050000	54050000	54060000	462.36	462.36	57.246	0.54800	1.0000	1000	0	0	0
54060000	54060000	54070000	460.99	460.99	57.071	0.54800	1.0000	1000	0	0	0
54070000	54070000	54080000	459.60	459.60	56.896	0.54800	1.0000	1000	0	0	0
54080000	54080000	54090000	458.25	458.25	56.724	0.54800	1.0000	1000	0	0	0
54090000	54090000	54100000	456.88	456.88	56.552	0.54800	1.0000	1000	0	0	0
54100000	54100000	54110000	455.50	455.50	56.379	0.54800	1.0000	1000	0	0	0
54110000	54110000	54120000	454.12	454.12	56.206	0.54800	1.0000	1000	0	0	0
54120000	54120000	54130000	452.74	452.74	56.034	0.54800	1.0000	1000	0	0	0
54130000	54130000	54140000	451.36	451.36	55.862	0.54800	1.0000	1000	0	0	0
54140000	54140000	54150000	449.97	449.97	55.691	0.54800	1.0000	1000	0	0	0
54150000	54150000	54160000	448.59	448.59	55.523	0.54800	1.0000	1000	0	0	0

48070000	48070000	48080000	455.50	455.50	59.422	0.54800	1.0000	1000	0	0	0
48080000	48080000	48090000	454.32	454.32	59.262	0.54800	1.0000	1000	0	0	0
C-48-50 SNGLJUN COMPONENT											
49000000	48090000	50010000	453.09	453.09	59.094	0.54800	1.0000	1000	0	0	0
C-50 PIPE COMPONENT											
50010000	50010000	50020000	456.81	456.81	58.937	0.54800	1.0000	1000	0	0	0
50020000	50020000	50030000	456.10	456.10	58.769	0.54800	1.0000	1000	0	0	0
50030000	50030000	50040000	454.90	454.90	58.600	0.54800	1.0000	1000	0	0	0
50040000	50040000	50050000	453.71	453.71	58.442	0.54800	1.0000	1000	0	0	0
C-50-52 SNGLJUN COMPONENT											
51000000	50050000	52010000	452.48	452.48	58.275	0.54800	1.0000	1000	0	0	0
C-52-54 SNGLJUN COMPONENT											
53000000	52010000	54010000	451.32	451.32	58.121	0.54800	1.0000	1000	0	0	0
C-54 PIPE COMPONENT											
54010000	54010000	54020000	465.74	465.74	57.947	0.54800	1.0000	1000	0	0	0
54020000	54020000	54030000	466.22	466.22	57.769	0.54800	1.0000	1000	0	0	0
54030000	54030000	54040000	465.09	465.09	57.597	0.54800	1.0000	1000	0	0	0
54040000	54040000	54050000	463.73	463.73	57.421	0.54800	1.0000	1000	0	0	0
54050000	54050000	54060000	462.36	462.36	57.246	0.54800	1.0000	1000	0	0	0
54060000	54060000	54070000	460.99	460.99	57.071	0.54800	1.0000	1000	0	0	0
54070000	54070000	54080000	459.60	459.60	56.896	0.54800	1.0000	1000	0	0	0
54080000	54080000	54090000	458.25	458.25	56.724	0.54800	1.0000	1000	0	0	0
54090000	54090000	54100000	456.88	456.88	56.552	0.54800	1.0000	1000	0	0	0
54100000	54100000	54110000	455.50	455.50	56.379	0.54800	1.0000	1000	0	0	0
54110000	54110000	54120000	454.12	454.12	56.206	0.54800	1.0000	1000	0	0	0
54120000	54120000	54130000	452.74	452.74	56.034	0.54800	1.0000	1000	0	0	0
54130000	54130000	54140000	451.36	451.36	55.862	0.54800	1.0000	1000	0	0	0
54140000	54140000	54150000	449.97	449.97	55.691	0.54800	1.0000	1000	0	0	0
54150000	54150000	54160000	448.59	448.59	55.523	0.54800	1.0000	1000	0	0	0
54160000	54160000	54170000	447.18	447.18	55.349	0.54800	1.0000	1000	0	0	0
54170000	54170000	54180000	445.74	445.74	55.175	0.54800	1.0000	1000	0	0	0
54180000	54180000	54190000	444.45	444.45	55.029	0.54800	1.0000	1000	0	0	0
54190000	54190000	54200000	443.09	443.09	54.856	0.54800	1.0000	1000	0	0	0
54200000	54200000	54210000	441.67	441.67	54.684	0.54800	1.0000	1000	0	0	0
54210000	54210000	54220000	440.24	440.24	54.514	0.54800	1.0000	1000	0	0	0
54220000	54220000	54230000	438.81	438.81	54.346	0.54800	1.0000	1000	0	0	0
54230000	54230000	54240000	437.36	437.36	54.179	0.54800	1.0000	1000	0	0	0
54240000	54240000	54250000	435.91	435.91	54.014	0.54800	1.0000	1000	0	0	0
54250000	54250000	54260000	434.45	434.45	53.850	0.54800	1.0000	1000	0	0	0
54260000	54260000	54270000	432.95	432.95	53.684	0.54800	1.0000	1000	0	0	0
54270000	54270000	54280000	431.47	431.47	53.525	0.54800	1.0000	1000	0	0	0
54280000	54280000	54290000	429.96	429.96	53.363	0.54800	1.0000	1000	0	0	0
54290000	54290000	54300000	428.43	428.43	53.202	0.54800	1.0000	1000	0	0	0
54300000	54300000	54310000	426.88	426.88	53.043	0.54800	1.0000	1000	0	0	0
54310000	54310000	54320000	425.29	425.29	52.880	0.54800	1.0000	1000	0	0	0
54320000	54320000	54330000	423.69	423.69	52.721	0.54800	1.0000	1000	0	0	0
54330000	54330000	54340000	422.04	422.04	52.559	0.54800	1.0000	1000	0	0	0
54340000	54340000	54350000	420.41	420.41	52.401	0.54800	1.0000	1000	0	0	0
54350000	54350000	54360000	418.75	418.75	52.243	0.54800	1.0000	1000	0	0	0
54360000	54360000	54370000	417.03	417.03	52.083	0.54800	1.0000	1000	0	0	0
54370000	54370000	54380000	415.30	415.30	51.923	0.54800	1.0000	1000	0	0	0
54380000	54380000	54390000	413.57	413.57	51.768	0.54800	1.0000	1000	0	0	0
54390000	54390000	54400000	411.83	411.83	51.614	0.54800	1.0000	1000	0	0	0
54400000	54400000	54410000	410.03	410.03	51.459	0.54800	1.0000	1000	0	0	0
54410000	54410000	54420000	408.22	408.22	51.305	0.54800	1.0000	1000	0	0	0
54420000	54420000	54430000	406.43	406.43	51.157	0.54800	1.0000	1000	0	0	0
54430000	54430000	54440000	404.62	404.62	51.011	0.54800	1.0000	1000	0	0	0
54440000	54440000	54450000	402.77	402.77	50.864	0.54800	1.0000	1000	0	0	0
54450000	54450000	54460000	400.90	400.90	50.720	0.54800	1.0000	1000	0	0	0
54460000	54460000	54470000	399.08	399.08	50.584	0.54800	1.0000	1000	0	0	0
54470000	54470000	54480000	397.18	397.18	50.446	0.54800	1.0000	1000	0	0	0
54480000	54480000	54490000	395.28	395.28	50.311	0.54800	1.0000	1000	0	0	0
54490000	54490000	54500000	393.42	393.42	50.184	0.54800	1.0000	1000	0	0	0
54500000	54500000	54510000	391.49	391.49	50.056	0.54800	1.0000	1000	0	0	0
54510000	54510000	54520000	389.56	389.56	49.931	0.54800	1.0000	1000	0	0	0
54520000	54520000	54530000	387.66	387.66	49.814	0.54800	1.0000	1000	0	0	0
54530000	54530000	54540000	385.68	385.68	49.694	0.54800	1.0000	1000	0	0	0
54540000	54540000	54550000	383.76	383.76	49.585	0.54800	1.0000	1000	0	0	0
54550000	54550000	54560000	381.77	381.77	49.473	0.54800	1.0000	1000	0	0	0
54560000	54560000	54570000	379.77	379.77	49.364	0.54800	1.0000	1000	0	0	0
54570000	54570000	54580000	377.80	377.80	49.264	0.54800	1.0000	1000	0	0	0
54580000	54580000	54590000	375.75	375.75	49.159	0.54800	1.0000	1000	0	0	0
54590000	54590000	54600000	373.73	373.73	49.064	0.54800	1.0000	1000	0	0	0
54600000	54600000	54610000	371.63	371.63	48.963	0.54800	1.0000	1000	0	0	0
54610000	54610000	54620000	369.56	369.56	48.870	0.54800	1.0000	1000	0	0	0
54620000	54620000	54630000	367.40	367.40	48.773	0.54800	1.0000	1000	0	0	0
54630000	54630000	54640000	365.20	365.20	48.675	0.54800	1.0000	1000	0	0	0
54640000	54640000	54650000	362.99	362.99	48.582	0.54800	1.0000	1000	0	0	0
54650000	54650000	54660000	360.68	360.68	48.481	0.54800	1.0000	1000	0	0	0
54660000	54660000	54670000	358.37	358.37	48.386	0.54800	1.0000	1000	0	0	0
54670000	54670000	54680000	355.94	355.94	48.282	0.54800	1.0000	1000	0	0	0
54680000	54680000	54690000	353.52	353.52	48.184	0.54800	1.0000	1000	0	0	0
54690000	54690000	54700000	351.05	351.05	48.088	0.54800	1.0000	1000	0	0	0
54700000	54700000	54710000	348.53	348.53	47.992	0.54800	1.0000	1000	0	0	0
54710000	54710000	54720000	346.02	346.02	47.904	0.54800	1.0000	1000	0	0	0
54720000	54720000	54730000	343.52	343.52	47.824	0.54800	1.0000	1000	0	0	0
54730000	54730000	54740000	341.10	341.10	47.765	0.54800	1.0000	1000	0	0	0
54740000	54740000	54750000	338.70	338.70	47.721	0.54800	1.0000	1000	0	0	0
54750000	54750000	54760000	336.45	336.45	47.712	0.54800	1.0000	1000	0	0	0

54470000	54470000	54480000	397.18	397.18	50.446	0.54800	1.0000	1000	0	0	0
54480000	54480000	54490000	395.28	395.28	50.311	0.54800	1.0000	1000	0	0	0
54490000	54490000	54500000	393.42	393.42	50.184	0.54800	1.0000	1000	0	0	0
54500000	54500000	54510000	391.49	391.49	50.056	0.54800	1.0000	1000	0	0	0
54510000	54510000	54520000	389.56	389.56	49.931	0.54800	1.0000	1000	0	0	0
54520000	54520000	54530000	387.66	387.66	49.814	0.54800	1.0000	1000	0	0	0
54530000	54530000	54540000	385.68	385.68	49.694	0.54800	1.0000	1000	0	0	0
54540000	54540000	54550000	383.76	383.76	49.585	0.54800	1.0000	1000	0	0	0
54550000	54550000	54560000	381.77	381.77	49.473	0.54800	1.0000	1000	0	0	0
54560000	54560000	54570000	379.77	379.77	49.364	0.54800	1.0000	1000	0	0	0
54570000	54570000	54580000	377.80	377.80	49.264	0.54800	1.0000	1000	0	0	0
54580000	54580000	54590000	375.75	375.75	49.159	0.54800	1.0000	1000	0	0	0
54590000	54590000	54600000	373.73	373.73	49.064	0.54800	1.0000	1000	0	0	0
54600000	54600000	54610000	371.63	371.63	48.963	0.54800	1.0000	1000	0	0	0
54610000	54610000	54620000	369.56	369.56	48.870	0.54800	1.0000	1000	0	0	0
54620000	54620000	54630000	367.40	367.40	48.773	0.54800	1.0000	1000	0	0	0
54630000	54630000	54640000	365.20	365.20	48.675	0.54800	1.0000	1000	0	0	0
54640000	54640000	54650000	362.99	362.99	48.582	0.54800	1.0000	1000	0	0	0
54650000	54650000	54660000	360.68	360.68	48.481	0.54800	1.0000	1000	0	0	0
54660000	54660000	54670000	358.37	358.37	48.386	0.54800	1.0000	1000	0	0	0
54670000	54670000	54680000	355.94	355.94	48.282	0.54800	1.0000	1000	0	0	0
54680000	54680000	54690000	353.52	353.52	48.184	0.54800	1.0000	1000	0	0	0
54690000	54690000	54700000	351.05	351.05	48.088	0.54800	1.0000	1000	0	0	0
54700000	54700000	54710000	348.53	348.53	47.992	0.54800	1.0000	1000	0	0	0
54710000	54710000	54720000	346.02	346.02	47.904	0.54800	1.0000	1000	0	0	0
54720000	54720000	54730000	343.52	343.52	47.824	0.54800	1.0000	1000	0	0	0
54730000	54730000	54740000	341.10	341.10	47.765	0.54800	1.0000	1000	0	0	0
54740000	54740000	54750000	338.70	338.70	47.721	0.54800	1.0000	1000	0	0	0
54750000	54750000	54760000	336.45	336.45	47.712	0.54800	1.0000	1000	0	0	0
54760000	54760000	54770000	334.29	334.29	47.735	0.54800	1.0000	1000	0	0	0
54770000	54770000	54780000	332.28	332.28	47.805	0.54800	1.0000	1000	0	0	0
54780000	54780000	54790000	330.47	330.47	47.939	0.54800	1.0000	1000	0	0	0
54790000	54790000	54800000	328.80	328.80	48.144	0.54800	1.0000	1000	0	0	0
54800000	54800000	54810000	327.31	327.31	48.445	0.54800	1.0000	1000	0	0	0
54810000	54810000	54820000	326.03	326.03	48.870	0.54800	1.0000	1000	0	0	0
54820000	54820000	54830000	324.89	324.89	49.444	0.54800	1.0000	1000	0	0	0
54830000	54830000	54840000	323.94	323.94	50.215	0.54800	1.0000	1000	0	0	0
54840000	54840000	54850000	323.12	323.12	51.228	0.54800	1.0000	1000	0	0	0
54850000	54850000	54860000	322.45	322.45	52.544	0.54800	1.0000	1000	0	0	0
54860000	54860000	54870000	321.89	321.89	54.228	0.54800	1.0000	1000	0	0	0
54870000	54870000	54880000	321.44	321.44	56.348	0.54800	1.0000	1000	0	0	0
54880000	54880000	54890000	321.08	321.08	58.974	0.54800	1.0000	1000	0	0	0
54890000	54890000	54900000	320.78	320.78	62.163	0.54800	1.0000	1000	0	0	0
54900000	54500000	54910000	320.55	320.55	65.953	0.54800	1.0000	1000	0	0	0
54910000	54910000	54920000	320.35	320.35	70.353	0.54800	1.0000	1000	0	0	0
54920000	54920000	54930000	320.18	320.18	75.333	0.54800	1.0000	1000	0	0	0
54930000	54930000	54940000	320.02	320.02	80.817	0.54800	1.0000	1000	0	0	0
54940000	54940000	54950000	319.87	319.87	86.683	0.54800	1.0000	1000	0	0	0
C-54-56	SNGLJUN	COMPONENT									
55000000	54950000	56010000	319.71	319.71	92.763	0.54800	1.0000	1000	0	0	0
C-56	PIPE	COMPONENT									
56010000	56010000	56020000	323.24	323.24	101.92	0.54800	1.0000	1000	0	0	0
56020000	56020000	56030000	322.81	322.81	109.95	0.54800	1.0000	1000	0	0	0
56030000	56030000	56040000	321.65	321.65	116.39	0.54800	1.0000	1000	0	0	0
56040000	56040000	56050000	320.26	320.26	121.05	0.54800	1.0000	1000	0	0	0
56050000	56050000	56060000	318.65	318.65	123.97	0.54800	1.0000	1000	0	0	0
56060000	56060000	56070000	317.07	317.07	125.49	0.54800	1.0000	1000	0	0	0
56070000	56070000	56080000	314.90	314.90	125.60	0.54800	1.0000	1000	0	0	0
56080000	56080000	56090000	313.58	313.58	125.49	0.54800	1.0000	1000	0	0	0
56090000	56090000	56100000	313.17	313.17	124.02	0.54800	1.0000	1000	0	0	0
56100000	56100000	56110000	345.91	310.99	139.77	0.54800	1.0000	1000	0	0	0
56110000	56110000	56120000	359.70	308.88	159.90	0.54800	1.0000	1000	0	0	0
56120000	56120000	56130000	363.86	305.59	178.17	0.54800	1.0000	1000	0	0	0
56130000	56130000	56140000	364.28	302.93	193.89	0.54800	1.0000	1000	0	0	0
56140000	56140000	56150000	363.14	300.42	207.36	0.54800	1.0000	1000	0	0	0
56150000	56150000	56160000	361.25	297.72	219.11	0.54800	1.0000	1000	0	0	0
56160000	56160000	56170000	358.93	294.83	229.73	0.54800	1.0000	1000	0	0	0
56170000	56170000	56180000	356.32	291.78	239.65	0.54800	1.0000	1000	0	0	0
56180000	56180000	56190000	353.47	288.64	249.14	0.54800	1.0000	1000	0	0	0
56190000	56190000	56200000	350.41	285.43	258.27	0.54800	1.0000	1000	0	0	0
56200000	56200000	56210000	347.13	282.15	267.00	0.54800	1.0000	1000	0	0	0
56210000	56210000	56220000	343.62	278.80	275.21	0.54800	1.0000	1000	0	0	0
56220000	56220000	56230000	339.88	275.37	282.70	0.54800	1.0000	1000	0	0	0
56230000	56230000	56240000	335.91	271.83	289.26	0.54800	1.0000	1000	0	0	0
56240000	56240000	56250000	331.70	268.19	294.64	0.54800	1.0000	1000	0	0	0
56250000	56250000	56260000	327.29	264.44	298.56	0.54800	1.0000	1000	0	0	0
56260000	56260000	56270000	322.66	260.58	300.76	0.54800	1.0000	1000	0	0	0
56270000	56270000	56280000	317.88	256.64	301.04	0.54800	1.0000	1000	0	0	0
56280000	56280000	56290000	312.99	252.65	299.29	0.54800	1.0000	1000	0	0	0
56290000	56290000	56300000	308.01	248.63	295.63	0.54800	1.0000	1000	0	0	0
56300000	56300000	56310000	303.00	244.62	290.42	0.54800	1.0000	1000	0	0	0
56310000	56310000	56320000	297.97	240.65	284.41	0.54800	1.0000	1000	0	0	0
56320000	56320000	56330000	292.94	236.76	278.79	0.54800	1.0000	1000	0	0	0
56330000	56330000	56340000	287.84	232.97	275.34	0.54800	1.0000	1000	0	0	0
56340000	56340000	56350000	283.17	229.26	276.70	0.54800	1.0000	1000	0	0	0
C-56-58	SNGLJUN	COMPONENT									
57000000	56350000	58010000	271.66	225.83	287.12	0.54800	1.0000	1000	0	0	0
C-58	PIPE	COMPONENT									
58010000	58010000	58020000	267.47	222.68	316.42	0.54800	1.0000	1000	0	0	0

56100000	56100000	56110000	345.91	310.99	139.77	0.54800	1.0000	1000	0	0	0
56110000	56110000	56120000	359.70	308.88	159.90	0.54800	1.0000	1000	0	0	0
56120000	56120000	56130000	363.86	305.59	178.17	0.54800	1.0000	1000	0	0	0
56130000	56130000	56140000	364.28	302.93	193.89	0.54800	1.0000	1000	0	0	0
56140000	56140000	56150000	363.14	300.42	207.36	0.54800	1.0000	1000	0	0	0
56150000	56150000	56160000	361.25	297.72	219.11	0.54800	1.0000	1000	0	0	0
56160000	56160000	56170000	358.93	294.83	229.73	0.54800	1.0000	1000	0	0	0
56170000	56170000	56180000	356.32	291.78	239.65	0.54800	1.0000	1000	0	0	0
56180000	56180000	56190000	353.47	288.64	249.14	0.54800	1.0000	1000	0	0	0
56190000	56190000	56200000	350.41	285.43	258.27	0.54800	1.0000	1000	0	0	0
56200000	56200000	56210000	347.13	282.15	267.00	0.54800	1.0000	1000	0	0	0
56210000	56210000	56220000	343.62	278.80	275.21	0.54800	1.0000	1000	0	0	0
56220000	56220000	56230000	339.88	275.37	282.70	0.54800	1.0000	1000	0	0	0
56230000	56230000	56240000	335.91	271.83	289.26	0.54800	1.0000	1000	0	0	0
56240000	56240000	56250000	331.70	268.19	294.64	0.54800	1.0000	1000	0	0	0
56250000	56250000	56260000	327.29	264.44	298.56	0.54800	1.0000	1000	0	0	0
56260000	56260000	56270000	322.66	260.58	300.76	0.54800	1.0000	1000	0	0	0
56270000	56270000	56280000	317.88	256.64	301.04	0.54800	1.0000	1000	0	0	0
56280000	56280000	56290000	312.99	252.65	299.29	0.54800	1.0000	1000	0	0	0
56290000	56290000	56300000	308.01	248.63	295.63	0.54800	1.0000	1000	0	0	0
56300000	56300000	56310000	303.00	244.62	290.42	0.54800	1.0000	1000	0	0	0
56310000	56310000	56320000	297.97	240.65	284.41	0.54800	1.0000	1000	0	0	0
56320000	56320000	56330000	292.94	236.76	278.79	0.54800	1.0000	1000	0	0	0
56330000	56330000	56340000	287.84	232.97	275.34	0.54800	1.0000	1000	0	0	0
56340000	56340000	56350000	283.17	229.26	276.70	0.54800	1.0000	1000	0	0	0
C-56-58	SNGLJUN	COMPONENT									
57000000	56350000	58010000	271.66	225.83	287.12	0.54800	1.0000	1000	0	0	0
C-58	PIPE	COMPONENT									
58010000	58010000	58020000	267.47	222.68	316.42	0.54800	1.0000	1000	0	0	0
58020000	58020000	58030000	262.20	218.47	369.37	0.54800	1.0000	1000	0	0	0
58030000	58030000	58040000	255.96	213.12	447.69	0.54800	1.0000	1000	0	0	0
58040000	58040000	58050000	249.17	206.99	545.32	0.54800	1.0000	1000	0	0	0
58050000	58050000	58060000	242.24	201.04	648.10	0.54800	1.0000	1000	0	0	0
58060000	58060000	58070000	237.08	195.94	737.96	0.54800	1.0000	1000	0	0	0
C-58-60	SNGLJUN	COMPONENT									
59000000	58070000	60010000	216.89	193.76	801.56	0.54800	1.0000	1000	0	0	0
C-60	PIPE	COMPONENT									
60010000	60010000	60020000	214.25	195.05	814.16	0.54800	1.0000	1000	0	0	0
60020000	60020000	60030000	211.02	198.31	761.77	0.54800	1.0000	1000	0	0	0
C-60-62	SNGLJUN	COMPONENT									
61000000	60030000	62010000	207.09	201.20	652.69	0.54800	1.0000	1000	0	0	0
C-62	PIPE	COMPONENT									
62010000	62010000	62020000	202.90	198.41	526.28	0.54800	1.0000	1000	0	0	0
C-62-64	SNGLJUN	COMPONENT									
63000000	62020000	64010000	194.03	191.53	390.06	0.54800	1.0000	1000	0	0	0
C-64-66	SNGLJUN	COMPONENT									
65000000	64010000	66010000	191.63	181.04	244.22	0.54800	1.0000	1000	0	0	0
C-66-68	SNGLJUN	COMPONENT									
67000000	66010000	68010000	171.70	178.16	184.79	0.54800	1.0000	1000	0	0	0
C-69	BRANCH	COMPONENT									
69010000	68010000	69010000	162.46	164.16	254.31	0.54800	1.0000	1000	0	0	0
69020000	69010000	73010000	183.60	190.13	566.59	0.27300	1.0000	0	0	0	0
69030000	69010000	70010000	102.45	102.80	634.03	0.54800	1.0000	1000	0	0	0
C-70	BRANCH	COMPONENT									
70010000	70010000	73010000	120.23	123.75	1128.8	0.27300	1.0000	0	0	0	0
70020000	70010000	71010000	49.845	50.168	939.27	0.54800	1.0000	1000	0	0	0
C-71-73	SNGLJUN	COMPONENT									
72000000	71010000	73010000	89.379	89.552	1441.3	0.28500	1.0000	0	0	0	0
C-73-75	SNGLJUN	COMPONENT									
74000000	73010000	75010000	3.6370	3.7447	23578.	106.60	1.0000	1000	0	0	0
C-76	PIPE	COMPONENT									
76010000	76010000	76020000	787.44	787.44	112.12	0.20100	1.0000	1000	0	0	0
76020000	76020000	76030000	1001.2	1001.2	111.93	0.20100	1.0000	1000	0	0	0
76030000	76030000	76040000	1139.2	1139.2	112.06	0.20100	1.0000	1000	0	0	0
C-76-044	SNGLJUN	COMPONENT									
77000000	76040000	44010000	1256.6	1256.6	112.03	0.20100	1.0000	100	1	200	1029
C178-76	VALVE	COMPONENT									
78000000	178010000	76010000	1037.8	1038.8	112.99	1.70000E-02	1.0000	100	1	200	1582
C-81-79	SNGLJUN	COMPONENT									
80000000	81010000	79010000	84.332	84.332	112.13	0.14700	1.0000	1000	0	0	0
C-83-81	SNGLJUN	COMPONENT									
82000000	83020000	81010000	84.170	84.170	112.19	0.14700	1.0000	1000	0	0	0
C-83	PIPE	COMPONENT									
83010000	83010000	83020000	-1.44503E-02	-1.44503E-02	-1.92611E-02	0.14700	1.0000	1000	0	0	0
C-85-83	SNGLJUN	COMPONENT									
84000000	83020000	85010000	-84.166	-84.166	-112.28	0.14700	1.0000	1000	0	0	0
C-85	PIPE	COMPONENT									
85010000	85010000	85020000	1.87635E-02	1.87635E-02	2.50307E-02	0.14700	1.0000	1000	0	0	0
C-87-85	SNGLJUN	COMPONENT									
86000000	87010000	85010000	84.371	84.371	112.38	0.14700	1.0000	1000	0	0	0
C-89-87	SNGLJUN	COMPONENT									
88000000	89010000	87010000	84.340	84.340	112.44	0.14700	1.0000	1000	0	0	0
C-91-89	SNGLJUN	COMPONENT									
90000000	91030000	89010000	84.354	84.354	112.52	0.14700	1.0000	1000	0	0	0
C-91	PIPE	COMPONENT									
91010000	91010000	91020000	84.392	84.392	112.75	0.14700	1.0000	1000	0	0	0
91020000	91020000	91030000	84.373	84.373	112.64	0.14700	1.0000	1000	0	0	0
C-01-91	SNGLJUN	COMPONENT									
92000000	1010000	91010000	84.111	84.111	112.84	0.14700	1.0000	0	0	0	0

76010000	76010000	76020000	787.44	787.44	112.12	0.20100	1.0000	1000	0	0	0
76020000	76020000	76030000	1001.2	1001.2	111.93	0.20100	1.0000	1000	0	0	0
76030000	76030000	76040000	1139.2	1139.2	112.06	0.20100	1.0000	1000	0	0	0
C-76-044	SNGLJUN	COMPONENT									
77000000	76040000	44010000	1256.6	1256.6	112.03	0.20100	1.0000	100	1	200	1029
C178-76	VALVE	COMPONENT									
78000000	178010000	76010000	1037.8	1038.8	112.99	1.70000E-02	1.0000	100	1	200	1582
C-81-79	SNGLJUN	COMPONENT									
80000000	81010000	79010000	84.332	84.332	112.13	0.14700	1.0000	1000	0	0	0
C-83-81	SNGLJUN	COMPONENT									
82000000	83020000	81010000	84.170	84.170	112.19	0.14700	1.0000	1000	0	0	0
C-83	PIPE	COMPONENT									
83010000	83010000	83020000	-1.44503E-02	-1.44503E-02	-1.92611E-02	0.14700	1.0000	1000	0	0	0
C-85-83	SNGLJUN	COMPONENT									
84000000	83020000	85010000	-84.166	-84.166	-112.28	0.14700	1.0000	1000	0	0	0
C-85	PIPE	COMPONENT									
85010000	85010000	85020000	1.87635E-02	1.87635E-02	2.50307E-02	0.14700	1.0000	1000	0	0	0
C-87-85	SNGLJUN	COMPONENT									
86000000	87010000	85010000	84.371	84.371	112.38	0.14700	1.0000	1000	0	0	0
C-89-87	SNGLJUN	COMPONENT									
88000000	89010000	87010000	84.340	84.340	112.44	0.14700	1.0000	1000	0	0	0
C-91-89	SNGLJUN	COMPONENT									
90000000	91030000	89010000	84.354	84.354	112.52	0.14700	1.0000	1000	0	0	0
C-91	PIPE	COMPONENT									
91010000	91010000	91020000	84.392	84.392	112.75	0.14700	1.0000	1000	0	0	0
91020000	91020000	91030000	84.373	84.373	112.64	0.14700	1.0000	1000	0	0	0
C-01-91	SNGLJUN	COMPONENT									
92000000	1010000	91010000	84.111	84.111	112.86	0.14700	1.0000	0	0	0	0
RD	VALVE	COMPONENT									
94000000	95010000	93010000	949.81	949.81	90.729	0.20100	0.81094	100	1	200	1443
PR-2A	VALVE	COMPONENT									
98000000	198010000	36010000	976.58	1034.4	110.98	1.70000E-02	1.0000	100	1	200	1582
C-100	SNGLJUN	COMPONENT									
100000000	101010000	99010000	84.402	84.402	112.01	0.14700	1.0000	1000	0	0	0
C1-103	SNGLJUN	COMPONENT									
102000000	103020000	101010000	84.379	84.379	112.08	0.14700	1.0000	1000	0	0	0
C-103	PIPE	COMPONENT									
103010000	103010000	103020000	84.391	84.391	112.14	0.14700	1.0000	1000	0	0	0
C5-103	SNGLJUN	COMPONENT									
104000000	105020000	103010000	84.369	84.369	112.21	0.14700	1.0000	1000	0	0	0
C-105	PIPE	COMPONENT									
105010000	105010000	105020000	84.389	84.389	112.32	0.14700	1.0000	1000	0	0	0
C7-105	SNGLJUN	COMPONENT									
106000000	107010000	105010000	84.410	84.410	112.43	0.14700	1.0000	1000	0	0	0
C9-107	SNGLJUN	COMPONENT									
108000000	109010000	107010000	84.379	84.379	112.49	0.14700	1.0000	1000	0	0	0
C11-109	SNGLJUN	COMPONENT									
110000000	111030000	109010000	84.393	84.393	112.57	0.14700	1.0000	1000	0	0	0
C-111	PIPE	COMPONENT									
111010000	111010000	111020000	84.430	84.430	112.80	0.14700	1.0000	1000	0	0	0
111020000	111020000	111030000	84.412	84.412	112.69	0.14700	1.0000	1000	0	0	0
C13-111	SNGLJUN	COMPONENT									
112000000	113010000	111010000	84.149	84.149	112.91	0.14700	1.0000	0	0	0	0
C-114	PIPE	COMPONENT									
114010000	114010000	114020000	246.00	246.00	60.579	0.54800	1.0000	1000	0	0	0
114020000	114020000	114030000	246.04	246.04	60.569	0.54800	1.0000	1000	0	0	0
C-119	SNGLJUN	COMPONENT									
119000000	36030000	136010000	1017.9	1017.9	111.90	0.20100	1.0000	1000	0	0	0
C-120	SNGLJUN	COMPONENT									
120000000	136010000	97010000	1144.2	1144.2	111.90	0.20100	1.0000	100	0	0	683
C-121	SNGLJUN	COMPONENT									
121000000	97010000	96010000	236.47	236.47	21.170	0.20100	1.0000	100	0	0	3
C-122	SNGLJUN	COMPONENT									
122000000	97010000	95010000	1013.4	1013.4	90.727	0.20100	0.92039	100	0	0	9
C-123	SNGLJUN	COMPONENT									
123000000	114030000	48010000	246.05	246.05	60.557	0.54800	0.25000	100	1	200	1398
RD	VALVE	COMPONENT									
194000000	195020000	193010000	1021.1	1021.1	72.531	0.18800	0.86702	100	1	200	1181
C-195	PIPE	COMPONENT									
195010000	195010000	195020000	992.44	992.44	72.539	0.18800	1.0000	0	0	0	209
C-44-195	SNGLJUN	COMPONENT									
196000000	44010000	195010000	1030.5	1030.5	72.530	0.20100	1.0000	100	0	0	0
V-INLET	SNGLJUN	COMPONENT									
278000000	79010000	178010000	729.15	729.15	112.06	1.70000E-02	.0000	100	0	0	0
V-INLET	SNGLJUN	COMPONENT									
298000000	99010000	198010000	729.62	729.62	111.92	1.70000E-02	1.0000	100	0	0	0

JUN.NO.	RHOFJ (LB/FT3)	RHOGJ (LB/FT3)	MAP	REG	FIJ (LB.S/FT4)	VOIDGJ	VOIDD	VOIDT	CCAJ	FORMFJ	FORMGJ
36010000	53.424	0.60267	HRT	TCT	1.598E+17	0.997	0.941	0.941	0.000	0.00	0.00
36020000	54.210	0.47541	HRT	TCT	1.657E+17	0.997	0.470	0.470	0.000	0.00	0.00
37000000	54.152	0.46776	HRT	MST	1.646E+17	0.997	0.563	0.563	0.000	0.00	0.00
38010000	54.114	0.47277	HRT	TST	1.646E+17	0.997	1.00	1.00	0.000	0.00	0.00
38020000	54.114	0.47277	HRT	TST	1.646E+17	0.997	1.00	1.00	0.000	0.00	0.00
38030000	54.114	0.47276	HRT	TST	1.646E+17	0.997	1.00	1.00	0.000	0.00	0.00
38040000	54.114	0.47275	HRT	TST	1.646E+17	0.997	1.00	1.00	2.110E-09	0.00	0.00
38050000	54.114	0.47275	HRT	TST	1.645E+17	0.997	1.00	1.00	2.804E-08	0.00	0.00
38060000	54.114	0.47274	HRT	TST	1.644E+17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

C-121 SNGLJUN COMPONENT											
121000000	97010000	56010000	236.47	236.47	21.170	0.20100	1.0000	100	0	0	3
C-122 SNGLJUN COMPONENT											
122000000	97010000	95010000	1013.4	1013.4	90.727	0.20100	0.92039	100	0	0	9
C-123 SNGLJUN COMPONENT											
123000000	114030000	48010000	246.05	246.05	60.557	0.54800	0.25000	100	1	200	1388
RD VALVE COMPONENT											
194000000	195020000	193010000	1021.1	1021.1	72.531	0.18800	0.86702	100	1	200	1181
C-195 PIPE COMPONENT											
195010000	195010000	195020000	992.44	992.44	72.539	0.18800	1.0000	0	0	0	209
C-44-195 SNGLJUN COMPONENT											
196000000	44010000	195010000	1030.5	1030.5	72.530	0.20100	1.0000	100	0	0	0
V-INLET SNGLJUN COMPONENT											
278000000	79010000	178010000	729.15	729.15	112.06	1.70000E-02	1.0000	100	0	0	0
V-INLET SNGLJUN COMPONENT											
298000000	99010000	198010000	729.62	729.62	111.92	1.70000E-02	1.0000	100	0	0	0

JUN.NO.	RHOFJ (LB/FT3)	RHOGJ (LB/FT3)	MAP	REG	FIJ (LB.S/FT4)	VOIDGJ	VOIDD	VOIDT	CCAJ	FORMFJ	FORMGJ
36010000	53.424	0.60267	HRT	TCT	1.598E+17	0.997	0.941	0.941	0.000	0.00	0.00
36020000	54.210	0.47541	HRT	TCT	1.657E+17	0.997	0.470	0.470	0.000	0.00	0.00
37000000	54.152	0.46776	HRT	MST	1.646E+17	0.997	0.563	0.563	0.000	0.00	0.00
38010000	54.114	0.47277	HRT	TST	1.646E+17	0.997	1.00	1.00	0.000	0.00	0.00
38020000	54.114	0.47277	HRT	TST	1.646E+17	0.997	1.00	1.00	0.000	0.00	0.00
38030000	54.114	0.47276	HRT	TST	1.646E+17	0.997	1.00	1.00	0.000	0.00	0.00
38040000	54.114	0.47275	HRT	TST	1.646E+17	0.997	1.00	1.00	2.110E-09	0.00	0.00
38050000	54.114	0.47275	HRT	TST	1.645E+17	0.997	1.00	1.00	2.804E-08	0.00	0.00
38060000	54.114	0.47274	HRT	TST	1.644E+17	0.997	1.00	1.00	2.612E-07	0.00	0.00
39000000	54.111	0.47325	HRT	MST	1.645E+17	0.997	1.00	1.00	0.000	0.00	0.00
41000000	54.114	0.47273	HRT	TST	1.584E+17	0.997	1.00	1.00	1.811E-06	0.00	0.00
43000000	54.114	0.47273	HRT	MST	1.629E+17	0.997	0.990	0.993	7.959E-06	1.95E-02	0.31
45000000	55.936	0.26923	HRT	MST	1.807E+17	0.998	0.998	0.998	1.340E-06	0.40	0.40
46010000	55.109	0.35042	HRT	MST	1.776E+17	0.998	0.631	0.631	1.504E-06	0.00	0.00
46020000	55.075	0.35415	HRT	MST	1.775E+17	0.998	1.00	1.00	1.922E-06	0.00	0.00
47000000	55.075	0.35421	HRT	MST	1.776E+17	0.998	1.00	1.00	2.455E-06	0.00	0.00
48010000	56.678	0.20039	HRT	MST	1.940E+17	0.999	1.00	1.00	4.978E-06	0.00	0.00
48020000	56.784	0.19216	HRT	MST	1.940E+17	0.999	1.00	1.00	5.476E-06	0.00	0.00
48030000	56.796	0.19113	HRT	MST	1.940E+17	0.999	1.00	1.00	6.011E-06	0.00	0.00
48040000	56.797	0.19100	HRT	MST	1.940E+17	0.999	1.00	1.00	6.595E-06	0.00	0.00
48050000	56.797	0.19101	HRT	MST	1.940E+17	0.999	1.00	1.00	7.234E-06	0.00	0.00
48060000	56.797	0.19101	HRT	MST	1.940E+17	0.999	1.00	1.00	7.933E-06	0.00	0.00
48070000	56.797	0.19104	HRT	MST	1.940E+17	0.999	1.00	1.00	8.699E-06	0.00	0.00
48080000	56.796	0.19106	HRT	MST	1.940E+17	0.999	1.00	1.00	9.537E-06	0.00	0.00
49000000	56.796	0.19107	HRT	MST	1.940E+17	0.999	1.00	1.00	1.046E-05	0.00	0.00
50010000	56.821	0.18913	VRT	MST	1.940E+17	0.999	1.00	1.00	1.148E-05	0.00	0.00
50020000	56.824	0.18891	VRT	MST	1.940E+17	0.999	1.00	1.00	1.260E-05	0.00	0.00
50030000	56.824	0.18889	VRT	MST	1.940E+17	0.999	1.00	1.00	1.383E-05	0.00	0.00
50040000	56.824	0.18891	VRT	MST	1.940E+17	0.999	1.00	1.00	1.518E-05	0.00	0.00
51000000	56.824	0.18891	VRT	MST	1.940E+17	0.999	1.00	1.00	1.666E-05	0.00	0.00
53000000	56.824	0.18893	HRT	MST	1.940E+17	0.999	1.00	1.00	1.820E-05	0.00	0.00
54010000	56.904	0.18281	VRT	MST	1.940E+17	0.999	1.00	1.00	1.999E-05	0.00	0.00
54020000	56.914	0.18206	VRT	MST	1.940E+17	0.999	1.00	1.00	2.198E-05	0.00	0.00
54030000	56.915	0.18198	VRT	MST	1.940E+17	0.999	1.00	1.00	2.416E-05	0.00	0.00
54040000	56.915	0.18199	VRT	MST	1.940E+17	0.999	1.00	1.00	2.635E-05	0.00	0.00
54050000	56.915	0.18200	VRT	MST	1.940E+17	0.999	1.00	1.00	2.917E-05	0.00	0.00
54060000	56.915	0.18202	VRT	MST	1.940E+17	0.999	1.00	1.00	3.205E-05	0.00	0.00
54070000	56.915	0.18204	VRT	MST	1.940E+17	0.999	1.00	1.00	3.520E-05	0.00	0.00
54080000	56.914	0.18205	VRT	MST	1.940E+17	0.999	1.00	1.00	3.867E-05	0.00	0.00
54090000	56.914	0.18207	VRT	MST	1.940E+17	0.999	1.00	1.00	4.247E-05	0.00	0.00
54100000	56.914	0.18209	VRT	MST	1.940E+17	0.999	1.00	1.00	4.664E-05	0.00	0.00
54110000	56.914	0.18211	VRT	MST	1.940E+17	0.999	1.00	1.00	5.120E-05	0.00	0.00
54120000	56.913	0.18213	VRT	MST	1.940E+17	0.999	1.00	1.00	5.621E-05	0.00	0.00
54130000	56.913	0.18215	VRT	MST	1.940E+17	0.999	1.00	1.00	6.169E-05	0.00	0.00
54140000	56.913	0.18218	VRT	MST	1.940E+17	0.999	1.00	1.00	6.769E-05	0.00	0.00
54150000	56.912	0.18220	VRT	MST	1.940E+17	0.999	1.00	1.00	7.426E-05	0.00	0.00
54160000	56.912	0.18222	VRT	MST	1.940E+17	0.999	1.00	1.00	8.145E-05	0.00	0.00
54170000	56.912	0.18224	VRT	MST	1.940E+17	0.999	1.00	1.00	8.931E-05	0.00	0.00
54180000	56.911	0.18230	VRT	MST	1.940E+17	0.999	1.00	1.00	9.789E-05	0.00	0.00
54190000	56.911	0.18232	VRT	MST	1.940E+17	0.999	1.00	1.00	1.072E-04	0.00	0.00
54200000	56.911	0.18234	VRT	MST	1.940E+17	0.999	1.00	1.00	1.175E-04	0.00	0.00
54210000	56.910	0.18238	VRT	MST	1.940E+17	0.999	1.00	1.00	1.286E-04	0.00	0.00
54220000	56.910	0.18242	VRT	MST	1.940E+17	0.999	1.00	1.00	1.408E-04	0.00	0.00
54230000	56.909	0.18245	VRT	MST	1.940E+17	0.999	1.00	1.00	1.540E-04	0.00	0.00
54240000	56.909	0.18250	VRT	MST	1.940E+17	0.999	1.00	1.00	1.684E-04	0.00	0.00
54250000	56.908	0.18254	VRT	MST	1.940E+17	0.999	1.00	1.00	1.841E-04	0.00	0.00
54260000	56.908	0.18259	VRT	MST	1.940E+17	0.999	1.00	1.00	2.012E-04	0.00	0.00
54270000	56.907	0.18264	VRT	MST	1.940E+17	0.999	1.00	1.00	2.197E-04	0.00	0.00
54280000	56.907	0.18269	VRT	MST	1.940E+17	0.999	1.00	1.00	2.398E-04	0.00	0.00
54290000	56.906	0.18275	VRT	MST	1.940E+17	0.999	1.00	1.00	2.616E-04	0.00	0.00
54300000	56.905	0.18281	VRT	MST	1.940E+17	0.999	1.00	1.00	2.852E-04	0.00	0.00
54310000	56.904	0.18288	VRT	MST	1.940E+17	0.999	1.00	1.00	3.108E-04	0.00	0.00
54320000	56.903	0.18295	VRT	MST	1.940E+17	0.999	1.00	1.00	3.385E-04	0.00	0.00
54330000	56.902	0.18303	VRT	MST	1.940E+17	0.999	1.00	1.00	3.684E-04	0.00	0.00
54340000	56.901	0.18312	VRT	MST	1.940E+17	0.999	1.00	1.00	4.008E-04	0.00	0.00
54350000	56.900	0.18321	VRT	MST	1.940E+17	0.999	1.00	1.00	4.357E-04	0.00	0.00
54360000	56.899	0.18330	VRT	MST	1.940E+17	0.999	1.00	1.00	4.734E-04	0.00	0.00
54370000	56.898	0.18340	VRT	MST	1.940E+17	0.999	1.00	1.00	5.139E-04	0.00	0.00
54380000	56.896	0.18351	VRT	MST	1.940E+17	0.999	1.00	1.00	5.576E-04	0.00	0.00

54100000	56.914	0.18209	VRT	MST	1.940E+17	0.999	1.00	1.00	4.664E-05	0.00	0.00
54110000	56.914	0.18211	VRT	MST	1.940E+17	0.999	1.00	1.00	5.120E-05	0.00	0.00
54120000	56.913	0.18213	VRT	MST	1.940E+17	0.999	1.00	1.00	5.621E-05	0.00	0.00
54130000	56.913	0.18215	VRT	MST	1.940E+17	0.999	1.00	1.00	6.169E-05	0.00	0.00
54140000	56.913	0.18218	VRT	MST	1.940E+17	0.999	1.00	1.00	6.769E-05	0.00	0.00
54150000	56.912	0.18220	VRT	MST	1.940E+17	0.999	1.00	1.00	7.426E-05	0.00	0.00
54160000	56.912	0.18222	VRT	MST	1.940E+17	0.999	1.00	1.00	8.145E-05	0.00	0.00
54170000	56.912	0.18224	VRT	MST	1.940E+17	0.999	1.00	1.00	8.931E-05	0.00	0.00
54180000	56.911	0.18230	VRT	MST	1.940E+17	0.999	1.00	1.00	9.789E-05	0.00	0.00
54190000	56.911	0.18232	VRT	MST	1.940E+17	0.999	1.00	1.00	1.072E-04	0.00	0.00
54200000	56.911	0.18234	VRT	MST	1.940E+17	0.999	1.00	1.00	1.175E-04	0.00	0.00
54210000	56.910	0.18238	VRT	MST	1.940E+17	0.999	1.00	1.00	1.286E-04	0.00	0.00
54220000	56.910	0.18242	VRT	MST	1.940E+17	0.999	1.00	1.00	1.408E-04	0.00	0.00
54230000	56.909	0.18245	VRT	MST	1.940E+17	0.999	1.00	1.00	1.540E-04	0.00	0.00
54240000	56.909	0.18250	VRT	MST	1.940E+17	0.999	1.00	1.00	1.684E-04	0.00	0.00
54250000	56.908	0.18254	VRT	MST	1.940E+17	0.999	1.00	1.00	1.841E-04	0.00	0.00
54260000	56.908	0.18259	VRT	MST	1.940E+17	0.999	1.00	1.00	2.012E-04	0.00	0.00
54270000	56.907	0.18264	VRT	MST	1.940E+17	0.999	1.00	1.00	2.197E-04	0.00	0.00
54280000	56.907	0.18269	VRT	MST	1.940E+17	0.999	1.00	1.00	2.398E-04	0.00	0.00
54290000	56.906	0.18275	VRT	MST	1.940E+17	0.999	1.00	1.00	2.616E-04	0.00	0.00
54300000	56.905	0.18281	VRT	MST	1.940E+17	0.999	1.00	1.00	2.852E-04	0.00	0.00
54310000	56.904	0.18288	VRT	MST	1.940E+17	0.999	1.00	1.00	3.108E-04	0.00	0.00
54320000	56.903	0.18295	VRT	MST	1.940E+17	0.999	1.00	1.00	3.385E-04	0.00	0.00
54330000	56.902	0.18303	VRT	MST	1.940E+17	0.999	1.00	1.00	3.684E-04	0.00	0.00
54340000	56.901	0.18312	VRT	MST	1.940E+17	0.999	1.00	1.00	4.008E-04	0.00	0.00
54350000	56.900	0.18321	VRT	MST	1.940E+17	0.999	1.00	1.00	4.357E-04	0.00	0.00
54360000	56.899	0.18330	VRT	MST	1.940E+17	0.999	1.00	1.00	4.734E-04	0.00	0.00
54370000	56.898	0.18340	VRT	MST	1.940E+17	0.999	1.00	1.00	5.139E-04	0.00	0.00
54380000	56.896	0.18351	VRT	MST	1.940E+17	0.999	1.00	1.00	5.576E-04	0.00	0.00
54390000	56.895	0.18362	VRT	MST	1.940E+17	0.999	1.00	1.00	6.047E-04	0.00	0.00
54400000	56.894	0.18373	VRT	MST	1.940E+17	0.999	1.00	1.00	6.552E-04	0.00	0.00
54410000	56.892	0.18385	VRT	MST	1.940E+17	0.999	1.00	1.00	7.096E-04	0.00	0.00
54420000	56.891	0.18398	VRT	MST	1.940E+17	0.999	1.00	1.00	7.678E-04	0.00	0.00
54430000	56.889	0.18411	VRT	MST	1.940E+17	0.999	1.00	1.00	8.304E-04	0.00	0.00
54440000	56.887	0.18424	VRT	MST	1.940E+17	0.999	1.00	1.00	8.975E-04	0.00	0.00
54450000	56.886	0.18438	VRT	MST	1.940E+17	0.999	1.00	1.00	9.694E-04	0.00	0.00
54460000	56.884	0.18452	VRT	MST	1.940E+17	0.999	1.00	1.00	1.046E-03	0.00	0.00
54470000	56.882	0.18467	VRT	MST	1.940E+17	0.999	1.00	1.00	1.129E-03	0.00	0.00
54480000	56.881	0.18482	VRT	MST	1.940E+17	0.999	1.00	1.00	1.217E-03	0.00	0.00
54490000	56.879	0.18498	VRT	MST	1.940E+17	0.999	1.00	1.00	1.311E-03	0.00	0.00
54500000	56.877	0.18514	VRT	MST	1.940E+17	0.999	1.00	1.00	1.412E-03	0.00	0.00
54510000	56.875	0.18530	VRT	MST	1.940E+17	0.999	1.00	1.00	1.519E-03	0.00	0.00
54520000	56.873	0.18547	VRT	MST	1.940E+17	0.999	1.00	1.00	1.634E-03	0.00	0.00
54530000	56.871	0.18565	VRT	MST	1.940E+17	0.999	1.00	1.00	1.756E-03	0.00	0.00
54540000	56.869	0.18583	VRT	MST	1.940E+17	0.999	1.00	1.00	1.886E-03	0.00	0.00
54550000	56.867	0.18601	VRT	MST	1.940E+17	0.999	1.00	1.00	2.025E-03	0.00	0.00
54560000	56.865	0.18620	VRT	MST	1.940E+17	0.999	1.00	1.00	2.172E-03	0.00	0.00
54570000	56.863	0.18640	VRT	MST	1.940E+17	0.999	1.00	1.00	2.328E-03	0.00	0.00
54580000	56.861	0.18659	VRT	MST	1.940E+17	0.999	1.00	1.00	2.494E-03	0.00	0.00
54590000	56.858	0.18680	VRT	MST	1.940E+17	0.999	1.00	1.00	2.669E-03	0.00	0.00
54600000	56.856	0.18701	VRT	MST	1.940E+17	0.999	1.00	1.00	2.854E-03	0.00	0.00
54610000	56.854	0.18724	VRT	MST	1.940E+17	0.999	1.00	1.00	3.049E-03	0.00	0.00
54620000	56.851	0.18746	VRT	MST	1.940E+17	0.999	1.00	1.00	3.255E-03	0.00	0.00
54630000	56.848	0.18770	VRT	MST	1.940E+17	0.999	1.00	1.00	3.470E-03	0.00	0.00
54640000	56.846	0.18795	VRT	MST	1.940E+17	0.999	1.00	1.00	3.696E-03	0.00	0.00
54650000	56.843	0.18821	VRT	MST	1.937E+17	0.999	1.00	1.00	3.931E-03	0.00	0.00
54660000	56.840	0.18849	VRT	MST	1.934E+17	0.999	1.00	1.00	4.176E-03	0.00	0.00
54670000	56.837	0.18877	VRT	MST	1.930E+17	0.999	1.00	1.00	4.430E-03	0.00	0.00
54680000	56.834	0.18907	VRT	MST	1.927E+17	0.998	1.00	1.00	4.691E-03	0.00	0.00
54690000	56.831	0.18937	VRT	MST	1.923E+17	0.998	1.00	1.00	4.961E-03	0.00	0.00
54700000	56.827	0.18969	VRT	MST	1.919E+17	0.998	1.00	1.00	5.236E-03	0.00	0.00
54710000	56.824	0.19001	VRT	MST	1.915E+17	0.998	1.00	1.00	5.516E-03	0.00	0.00
54720000	56.820	0.19034	VRT	MST	1.911E+17	0.998	1.00	1.00	5.795E-03	0.00	0.00
54730000	56.817	0.19067	VRT	MST	1.906E+17	0.998	1.00	1.00	6.084E-03	0.00	0.00
54740000	56.813	0.19099	VRT	MST	1.901E+17	0.998	1.00	1.00	6.368E-03	0.00	0.00
54750000	56.810	0.19131	VRT	MST	1.896E+17	0.998	1.00	1.00	6.648E-03	0.00	0.00
54760000	56.806	0.19162	VRT	MST	1.889E+17	0.998	1.00	1.00	6.924E-03	0.00	0.00
54770000	56.803	0.19191	VRT	MST	1.882E+17	0.998	1.00	1.00	7.191E-03	0.00	0.00
54780000	56.801	0.19218	VRT	MST	1.874E+17	0.998	1.00	1.00	7.446E-03	0.00	0.00
54790000	56.798	0.19242	VRT	MST	1.865E+17	0.998	1.00	1.00	7.688E-03	0.00	0.00
54800000	56.796	0.19264	VRT	MST	1.853E+17	0.998	1.00	1.00	7.912E-03	0.00	0.00
54810000	56.794	0.19283	VRT	MST	1.839E+17	0.998	1.00	1.00	8.117E-03	0.00	0.00
54820000	56.792	0.19300	VRT	MST	1.821E+17	0.998	1.00	1.00	8.300E-03	0.00	0.00
54830000	56.791	0.19314	VRT	MST	1.799E+17	0.998	1.00	1.00	8.457E-03	0.00	0.00
54840000	56.790	0.19325	VRT	MST	1.771E+17	0.998	1.00	1.00	8.589E-03	0.00	0.00
54850000	56.789	0.19335	VRT	MST	1.736E+17	0.998	1.00	1.00	8.693E-03	0.00	0.00
54860000	56.788	0.19342	VRT	MST	1.692E+17	0.998	1.00	1.00	8.769E-03	0.00	0.00
54870000	56.787	0.19347	VRT	MST	1.637E+17	0.997	1.00	1.00	8.816E-03	0.00	0.00
54880000	56.787	0.19351	VRT	MST	1.572E+17	0.997	1.00	1.00	8.836E-03	0.00	0.00
54890000	56.787	0.19354	VRT	MST	1.493E+17	0.997	1.00	1.00	8.830E-03	0.00	0.00
54900000	56.786	0.19356	VRT	MST	1.401E+17	0.996	1.00	1.00	8.801E-03	0.00	0.00
54910000	56.786	0.19358	VRT	MST	1.297E+17	0.996	1.00	1.00	8.751E-03	0.00	0.00
54920000	56.786	0.19359	VRT	MST	1.181E+17	0.995	1.00	1.00	8.684E-03	0.00	0.00
54930000	56.785	0.19360	VRT	MST	1.056E+17	0.995	1.00	1.00	8.605E-03	0.00	0.00
54940000	56.785	0.19363	VRT	MST	9.242E+16	0.994	1.00	1.00	8.518E-03	0.00	0.00
55000000	56.784	0.19367	VRT	MST	7.459E+16	0.994	1.00	1.00	8.430E-03	0.00	0.00
56010000	56.811	0.19154	VRT	MST	5.897E+16	0.993	1.00	1.00	8.288E-03	0.00	0.00
56020000	56.813	0.19139	VRT	MST	4.310E+16	0.993	1.00	1.00	8.201E-03	0.00	0.00

54700000	56.827	0.18969	VRT	MST	1.919E+17	0.998	1.00	1.00	5.236E-03	0.00	0.00
54710000	56.824	0.19001	VRT	MST	1.915E+17	0.998	1.00	1.00	5.516E-03	0.00	0.00
54720000	56.820	0.19034	VRT	MST	1.911E+17	0.998	1.00	1.00	5.799E-03	0.00	0.00
54730000	56.817	0.19067	VRT	MST	1.906E+17	0.998	1.00	1.00	6.084E-03	0.00	0.00
54740000	56.813	0.19099	VRT	MST	1.901E+17	0.998	1.00	1.00	6.368E-03	0.00	0.00
54750000	56.810	0.19131	VRT	MST	1.896E+17	0.998	1.00	1.00	6.648E-03	0.00	0.00
54760000	56.806	0.19162	VRT	MST	1.889E+17	0.998	1.00	1.00	6.924E-03	0.00	0.00
54770000	56.803	0.19191	VRT	MST	1.882E+17	0.998	1.00	1.00	7.191E-03	0.00	0.00
54780000	56.801	0.19218	VRT	MST	1.874E+17	0.998	1.00	1.00	7.446E-03	0.00	0.00
54790000	56.798	0.19242	VRT	MST	1.865E+17	0.998	1.00	1.00	7.688E-03	0.00	0.00
54800000	56.796	0.19264	VRT	MST	1.853E+17	0.998	1.00	1.00	7.912E-03	0.00	0.00
54810000	56.794	0.19283	VRT	MST	1.839E+17	0.998	1.00	1.00	8.117E-03	0.00	0.00
54820000	56.792	0.19300	VRT	MST	1.821E+17	0.998	1.00	1.00	8.300E-03	0.00	0.00
54830000	56.791	0.19314	VRT	MST	1.799E+17	0.998	1.00	1.00	8.457E-03	0.00	0.00
54840000	56.790	0.19325	VRT	MST	1.771E+17	0.998	1.00	1.00	8.589E-03	0.00	0.00
54850000	56.789	0.19335	VRT	MST	1.736E+17	0.998	1.00	1.00	8.693E-03	0.00	0.00
54860000	56.788	0.19342	VRT	MST	1.692E+17	0.998	1.00	1.00	8.769E-03	0.00	0.00
54870000	56.787	0.19347	VRT	MST	1.637E+17	0.997	1.00	1.00	8.816E-03	0.00	0.00
54880000	56.787	0.19351	VRT	MST	1.572E+17	0.997	1.00	1.00	8.836E-03	0.00	0.00
54890000	56.787	0.19354	VRT	MST	1.493E+17	0.997	1.00	1.00	8.830E-03	0.00	0.00
54900000	56.786	0.19356	VRT	MST	1.401E+17	0.996	1.00	1.00	8.801E-03	0.00	0.00
54910000	56.786	0.19358	VRT	MST	1.297E+17	0.996	1.00	1.00	8.751E-03	0.00	0.00
54920000	56.786	0.19359	VRT	MST	1.181E+17	0.995	1.00	1.00	8.684E-03	0.00	0.00
54930000	56.785	0.19360	VRT	MST	1.056E+17	0.995	1.00	1.00	8.605E-03	0.00	0.00
54940000	56.785	0.19363	VRT	MST	9.242E+16	0.994	1.00	1.00	8.518E-03	0.00	0.00
55000000	56.784	0.19367	VRT	MST	7.459E+16	0.994	1.00	1.00	8.430E-03	0.00	0.00
56010000	56.811	0.19154	HRT	MST	5.897E+16	0.993	1.00	1.00	8.288E-03	0.00	0.00
56020000	56.813	0.19139	HRT	MST	4.310E+16	0.992	1.00	1.00	8.201E-03	0.00	0.00
56030000	56.809	0.19166	HRT	MST	3.057E+16	0.991	1.00	1.00	8.176E-03	0.00	0.00
56040000	56.804	0.19208	HRT	MST	2.162E+16	0.991	1.00	1.00	8.229E-03	0.00	0.00
56050000	56.798	0.19260	HRT	MST	1.593E+16	0.990	1.00	1.00	8.375E-03	0.00	0.00
56060000	56.791	0.19322	HRT	MST	1.298E+16	0.990	1.00	1.00	8.622E-03	0.00	0.00
56070000	56.784	0.19383	HRT	MST	1.195E+16	0.990	1.00	1.00	8.971E-03	0.00	0.00
56080000	56.772	0.19488	HRT	MST	1.292E+16	0.990	1.00	1.00	9.424E-03	0.00	0.00
56090000	56.776	0.19462	HRT	MST	6.782E+15	0.990	1.00	1.00	9.962E-03	0.00	0.00
56100000	56.725	0.19879	HRT	MST	0.188	0.990	1.00	1.00	1.061E-02	0.00	0.00
56110000	56.720	0.19938	HRT	MST	0.493	0.988	1.00	1.00	1.132E-02	0.00	0.00
56120000	56.716	0.19986	HRT	MST	0.757	0.987	1.00	1.00	1.207E-02	0.00	0.00
56130000	56.707	0.20074	HRT	MST	0.962	0.985	1.00	1.00	1.286E-02	0.00	0.00
56140000	56.695	0.20186	HRT	MST	1.13	0.984	1.00	1.00	1.366E-02	0.00	0.00
56150000	56.681	0.20314	HRT	TCT	1.27	0.983	1.00	1.00	1.445E-02	0.00	0.00
56160000	56.666	0.20455	HRT	TCT	1.42	0.982	1.00	1.00	1.521E-02	0.00	0.00
56170000	56.649	0.20610	HRT	TCT	1.56	0.981	1.00	1.00	1.593E-02	0.00	0.00
56180000	56.630	0.20777	HRT	TCT	1.69	0.980	1.00	1.00	1.659E-02	0.00	0.00
56190000	56.610	0.20958	HRT	TCT	1.82	0.979	1.00	1.00	1.718E-02	0.00	0.00
56200000	56.588	0.21151	HRT	TCT	1.94	0.978	1.00	1.00	1.769E-02	0.00	0.00
56210000	56.565	0.21356	HRT	TCT	2.06	0.977	1.00	1.00	1.813E-02	0.00	0.00
56220000	56.540	0.21569	HRT	TCT	2.15	0.976	1.00	1.00	1.849E-02	0.00	0.00
56230000	56.515	0.21790	HRT	TCT	2.23	0.975	1.00	1.00	1.878E-02	0.00	0.00
56240000	56.489	0.22015	HRT	TCT	2.29	0.974	1.00	1.00	1.900E-02	0.00	0.00
56250000	56.463	0.22243	HRT	TCT	2.32	0.973	1.00	1.00	1.917E-02	0.00	0.00
56260000	56.436	0.22471	HRT	TCT	2.33	0.973	1.00	1.00	1.929E-02	0.00	0.00
56270000	56.411	0.22696	HRT	TCT	2.31	0.972	1.00	1.00	1.941E-02	0.00	0.00
56280000	56.386	0.22916	HRT	TCT	2.27	0.972	1.00	1.00	1.959E-02	0.00	0.00
56290000	56.362	0.23130	HRT	TCT	2.21	0.972	1.00	1.00	1.994E-02	0.00	0.00
56300000	56.341	0.23338	HRT	TCT	2.13	0.972	1.00	1.00	2.070E-02	0.00	0.00
56310000	56.322	0.23543	HRT	TCT	2.04	0.972	1.00	1.00	2.232E-02	0.00	0.00
56320000	56.307	0.23753	HRT	TCT	1.96	0.972	1.00	1.00	2.566E-02	0.00	0.00
56330000	56.300	0.23982	HRT	TCT	1.91	0.972	1.00	1.00	3.221E-02	0.00	0.00
56340000	56.303	0.24256	HRT	TCT	1.77	0.971	1.00	1.00	4.429E-02	0.00	0.00
57000000	56.325	0.24601	HRT	TCT	1.53	0.969	1.00	1.00	6.515E-02	0.00	0.00
58010000	56.385	0.25079	HRT	CTM	1.56	0.965	1.00	1.00	0.103	0.00	0.00
58020000	56.487	0.25800	HRT	CTM	1.90	0.958	1.00	1.00	0.161	0.00	0.00
58030000	56.636	0.26793	HRT	CTM	2.42	0.947	1.00	1.00	0.236	0.00	0.00
58040000	56.825	0.28037	HRT	CTM	3.04	0.933	1.00	1.00	0.322	0.00	0.00
58050000	57.034	0.29449	HRT	CTM	3.77	0.918	1.00	1.00	0.408	0.00	0.00
58060000	57.242	0.30932	HRT	CTM	3.49	0.904	1.00	1.00	0.484	0.00	0.00
59000000	57.448	0.32305	HRJ	CTM	1.73	0.887	1.00	1.00	0.548	0.00	0.00
60010000	57.653	0.33284	VRT	CTM	0.601	0.884	1.00	1.00	0.602	0.00	0.00
60020000	57.838	0.34129	VRT	CTM	0.324	0.891	1.00	1.00	0.644	0.00	0.00
61000000	58.008	0.34829	VRT	CTM	0.152	0.906	1.00	1.00	0.678	0.00	0.00
62010000	58.157	0.35530	VRT	CTM	6.864E-02	0.924	1.00	1.00	0.707	0.00	0.00
63000000	58.305	0.36410	VRT	TCT	6.872E-02	0.942	0.377	0.377	0.735	0.00	0.00
65000000	58.572	0.37940	HRT	TCT	9.845E-02	0.966	0.000	0.000	0.780	0.00	0.00
67000000	59.134	0.40844	HRT	TCT	0.106	0.973	0.000	0.000	0.853	0.00	0.00
69010000	60.449	0.46094	HRT	CTM	541.	0.960	0.000	0.000	0.947	0.00	0.00
69020000	61.628	0.41878	HRT	CTB	540.	0.822	0.000	0.000	0.983	0.00	0.00
69030000	61.628	0.41878	HRT	CTT	405.	0.822	0.000	0.000	0.983	0.00	0.00
70010000	61.718	0.40303	HRT	CTB	539.	0.445	0.000	0.000	0.987	0.00	0.00
70020000	61.718	0.40303	HRT	CTB	36.2	0.445	0.000	0.000	0.987	0.00	0.00
72000000	61.729	0.42565	HRT	CTB	0.255E+04	8.398E-02	0.000	0.000	0.987	0.00	0.00
74000000	61.715	6.95222E-02	VRT	SLG	404.	1.461E-02	0.249	0.249	0.985	0.00	0.00
76010000	53.661	0.57323	HRT	TCT	1.650E+17	0.997	0.941	0.941	0.000	0.00	0.00
76020000	54.514	0.44054	HRT	TCT	1.714E+17	0.997	0.470	0.470	0.000	0.00	0.00
76030000	54.925	0.38264	HRT	TCT	1.749E+17	0.998	0.000	0.000	0.000	0.00	0.00
77000000	55.227	0.34374	HRT	TCT	1.764E+17	0.998	0.998	0.998	0.000	0.00	0.00
78000000	38.768	5.4263	HRT	CTM	0.141E+04	0.970	0.972	0.970	0.000	0.82	0.83
80000000	32.897	9.0451	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00

57000000	56.325	0.24601	HRT	TCT	1.53	0.969	1.00	1.00	6.515E-02	0.00	0.00
58010000	56.385	0.25079	HRT	CTM	1.56	0.965	1.00	1.00	0.103	0.00	0.00
58020000	56.487	0.25800	HRT	CTM	1.90	0.958	1.00	1.00	0.161	0.00	0.00
58030000	56.636	0.26793	HRT	CTM	2.42	0.947	1.00	1.00	0.236	0.00	0.00
58040000	56.825	0.28037	HRT	CTM	3.04	0.933	1.00	1.00	0.322	0.00	0.00
58050000	57.034	0.29449	HRT	CTM	3.77	0.918	1.00	1.00	0.408	0.00	0.00
58060000	57.242	0.30932	HRT	CTM	3.49	0.904	1.00	1.00	0.484	0.00	0.00
59000000	57.448	0.32305	HRT	CTM	1.73	0.887	1.00	1.00	0.548	0.00	0.00
60010000	57.653	0.33284	VRT	CTM	0.601	0.884	1.00	1.00	0.602	0.00	0.00
60020000	57.838	0.34129	VRT	CTM	0.324	0.891	1.00	1.00	0.644	0.00	0.00
61000000	58.008	0.34829	VRT	CTM	0.152	0.906	1.00	1.00	0.678	0.00	0.00
62010000	58.157	0.35530	VRT	CTM	6.864E-02	0.924	1.00	1.00	0.707	0.00	0.00
63000000	58.305	0.36410	VRT	TCT	6.872E-02	0.942	0.377	0.377	0.735	0.00	0.00
65000000	58.572	0.37940	HRT	TCT	9.845E-02	0.966	0.000	0.000	0.780	0.00	0.00
67000000	59.134	0.40844	HRT	TCT	0.106	0.973	0.000	0.000	0.853	0.00	0.00
69010000	60.449	0.46094	HRT	CTM	541.	0.960	0.000	0.000	0.947	0.00	0.00
69020000	61.628	0.41878	HRT	CTB	540.	0.822	0.000	0.000	0.983	0.00	0.00
69030000	61.628	0.41878	HRT	CTT	405.	0.822	0.000	0.000	0.983	0.00	0.00
70010000	61.718	0.40303	HRT	CTB	539.	0.445	0.000	0.000	0.987	0.00	0.00
70020000	61.718	0.40303	HRT	CTB	36.2	0.445	0.000	0.000	0.987	0.00	0.00
72000000	61.728	0.42565	HRT	CTB	0.255E+04	8.398E-02	0.000	0.000	0.987	0.00	0.00
74000000	61.715	6.95222E-02	VRT	SLG	404.	1.461E-02	0.249	0.249	0.985	0.00	0.00
76010000	53.661	0.57323	HRT	TCT	1.650E+17	0.997	0.941	0.941	0.000	0.00	0.00
76020000	54.514	0.44054	HRT	TCT	1.714E+17	0.997	0.470	0.470	0.000	0.00	0.00
76030000	54.925	0.38264	HRT	TCT	1.749E+17	0.998	0.000	0.000	0.000	0.00	0.00
77000000	55.227	0.34374	HRT	TCT	1.764E+17	0.998	0.998	0.998	0.000	0.00	0.00
78000000	38.768	5.4263	HRT	CTM	0.141E+04	0.970	0.972	0.970	0.000	0.82	0.83
80000000	32.897	9.0451	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
82000000	32.821	9.0675	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
83010000	32.821	9.0675	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
84000000	32.807	9.0749	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
85010000	32.807	9.0749	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
86000000	32.880	9.0609	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
88000000	32.864	9.0692	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
90000000	32.861	9.0744	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
91010000	32.854	9.0886	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
91020000	32.858	9.0814	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
92000000	32.731	9.1281	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
94000000	54.960	0.36734	HRT	TCT	1.730E+17	0.998	0.998	0.997	0.000	1.0	2.2
98000000	38.790	5.4147	HRT	CTM	0.584	0.971	0.995	0.971	0.000	0.21	0.84
100000000	32.915	9.0283	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
102000000	32.901	9.0357	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
103010000	32.899	9.0398	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
104000000	32.885	9.0479	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
105010000	32.883	9.0544	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
106000000	32.880	9.0609	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
108000000	32.864	9.0692	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
110000000	32.861	9.0744	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
111010000	32.854	9.0886	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
111020000	32.858	9.0814	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	C.00	0.00
112000000	32.731	9.1281	SGP	INV	1.940E+17	1.00	1.00	1.00	0.000	0.00	0.00
114010000	55.085	0.35308	HRT	MST	1.777E+17	0.998	1.00	1.00	3.033E-06	0.00	0.00
114020000	55.086	0.35298	HRT	MST	1.777E+17	0.998	1.00	1.00	3.745E-06	0.00	0.00
119000000	54.535	0.42569	HRT	TCT	1.700E+17	0.997	0.000	0.000	0.000	0.00	0.00
120000000	54.898	0.37684	HRT	TCT	1.736E+17	0.998	0.998	0.998	0.000	0.00	0.00
121000000	55.190	0.34363	HRT	MST	1.693E+17	0.998	0.998	0.998	0.000	0.C0	0.00
122000000	55.190	0.34363	HRT	TCT	1.744E+17	0.998	0.998	0.998	0.000	7.12E-03	6.34E-0
123000000	55.086	0.35291	HRT	TCT	1.777E+17	0.998	0.998	0.993	4.621E-06	1.27E-02	29.
194000000	55.661	0.29174	HRT	TCT	1.821E+17	0.998	0.998	0.998	1.487E-06	1.0	1.8
195010000	55.588	0.29917	HRT	MST	1.813E+17	0.998	0.483	0.483	1.418E-06	0.00	0.00
196000000	55.936	0.26923	HRT	MST	1.827E+17	0.998	0.998	0.998	1.340E-06	0.00	0.00
278000000	32.899	9.0401	HRT	CTM	1.420E+17	1.00	1.00	1.00	0.000	0.37	0.37
298000000	32.917	9.0233	HRT	CTM	1.426E+17	1.00	1.00	1.00	0.000	0.37	0.37

CONTROL VARIABLE EDIT

1 PSV FUNCTION 1.0000

---RESTART NO. 1644 WRITTEN, BLOCK NO. 4---

NUMBER OF SPARSE MATRIX ELEMENTS: ORIGINAL = 663, FACTORED = 663 ROUNDOFF ERROR = 1.000000E-12

$$$$ ADVANCEMENT 1762 FOR TIME = 4.251494E-01 HAD EXCESSIVE ERROR AT THE MINIMUM TIME STEP.

TIME (SEC)	P 38010000 (LB/IN2)	TEMP 97010000 (DEGF)	P 97010000 (LB/IN2)	TEMP 36010000 (DEGF)	P 36010000 (LB/IN2)	TEMP 96010000 (DEGF)	P 96010000 (LB/IN2)	TEMP 38010000 (DEGF)	P 38010000 (LB/IN2)
0.40000	216.90	360.79	154.55	405.29	262.51	387.72	214.52	388.66	216.90
0.40100	216.91	360.79	154.55	405.29	262.52	387.73	214.53	388.67	216.91
0.40200	216.92	360.80	154.56	405.30	262.53	387.73	214.54	388.67	216.92
0.40300	216.92	360.80	154.56	405.30	262.54	387.73	214.54	388.67	216.92
0.40400	216.93	360.80	154.57	405.30	262.55	387.74	214.55	388.68	216.93
0.40500	216.94	360.80	154.57	405.31	262.56	387.74	214.56	388.68	216.94
0.40600	216.94	360.81	154.58	405.31	262.57	387.74	214.57	388.68	216.94
0.40700	216.95	360.81	154.58	405.32	262.58	387.74	214.57	388.68	216.95
0.40800	216.96	360.81	154.58	405.32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

196000000	55.936	0.26923	HRT	MST	1.827E+17	0.998	0.998	0.998	1.340E-06	0.00	0.00
278000000	32.899	9.0401	HRT	CTM	1.420E+17	1.00	1.00	1.00	0.000	0.37	0.37
298000000	32.917	9.0233	HRT	CTM	1.426E+17	1.00	1.00	1.00	0.000	0.37	0.37

CONTROL VARIABLE EDIT

1 PSV FUNCTION 1.0000

---RESTART NO. 1644 WRITTEN, BLOCK NO. 4---

NUMBER OF SPARSE MATRIX ELEMENTS: ORIGINAL = 663, FACTORED = 663 ROUNDOFF ERROR = 1.000000E-12

$$$$ ADVANCEMENT 1762 FOR TIME = 4.251494E-01 HAD EXCESSIVE ERROR AT THE MINIMUM TIME STEP.

TIME (SEC)	P 38010000 (LF/IN2)	TEMP 97010000 (DEGF)	P 97010000 (LF/IN2)	TEMP 36010000 (DEGF)	P 36010000 (LF/IN2)	TEMP 96010000 (DEGF)	P 96010000 (LF/IN2)	TEMP 38010000 (DEGF)	P 38010000 (LF/IN2)
0.40000	216.90	360.79	154.55	405.29	262.51	387.72	214.52	388.66	216.98
0.40100	216.91	360.79	154.55	405.29	262.52	387.73	214.53	388.67	216.91
0.40200	216.92	360.80	154.56	405.30	262.53	387.73	214.54	388.67	216.92
0.40300	216.92	360.80	154.56	405.30	262.54	387.73	214.54	388.67	216.92
0.40400	216.93	360.80	154.57	405.30	262.55	387.74	214.55	388.68	216.93
0.40500	216.94	360.80	154.57	405.31	262.56	387.74	214.56	388.68	216.94
0.40600	216.94	360.81	154.58	405.31	262.57	387.74	214.57	388.68	216.94
0.40700	216.95	360.81	154.58	405.32	262.58	387.74	214.57	388.68	216.95
0.40800	216.96	360.81	154.58	405.32	262.59	387.75	214.58	388.69	216.96
0.40900	216.97	360.81	154.59	405.32	262.61	387.75	214.59	388.69	216.97
0.41000	216.98	360.82	154.60	405.33	262.62	387.75	214.60	388.70	216.98
0.41100	216.99	360.82	154.60	405.33	262.63	387.76	214.61	388.70	216.99
0.41200	217.00	360.82	154.61	405.33	262.64	387.76	214.62	388.70	217.00
0.41300	217.00	360.83	154.62	405.34	262.65	387.76	214.62	388.70	217.00
0.41400	217.01	360.83	154.62	405.34	262.66	387.77	214.63	388.71	217.01
0.41500	217.02	360.83	154.63	405.35	262.67	387.77	214.64	388.71	217.02
0.41600	217.03	360.83	154.63	405.35	262.68	387.77	214.65	388.71	217.03
0.41700	217.04	360.84	154.63	405.35	262.69	387.78	214.66	388.72	217.04
0.41800	217.05	360.84	154.64	405.36	262.71	387.78	214.67	388.72	217.05
0.41900	217.06	360.84	154.65	405.36	262.72	387.78	214.67	388.72	217.06
0.42000	217.07	360.85	154.65	405.36	262.73	387.79	214.68	388.73	217.07
0.42100	217.07	360.85	154.66	405.37	262.74	387.79	214.69	388.73	217.07
0.42200	217.08	360.85	154.66	405.37	262.75	387.79	214.70	388.73	217.08
0.42300	217.09	360.85	154.67	405.38	262.76	387.80	214.71	388.74	217.09
0.42400	217.09	360.86	154.67	405.38	262.77	387.80	214.71	388.74	217.09
0.42500	217.10	360.86	154.68	405.38	262.78	387.80	214.72	388.74	217.10
0.42600	217.11	360.86	154.69	405.72	263.78	387.80	214.73	388.75	217.11
0.42700	217.13	360.91	154.78	405.41	262.87	387.85	214.83	388.75	217.13
0.42800	217.21	360.84	154.64	405.37	262.74	387.85	214.84	388.78	217.21
0.42900	217.24	360.82	154.60	405.38	262.77	387.80	214.71	388.80	217.24
0.43000	217.21	360.83	154.63	405.38	262.78	387.81	214.73	388.78	217.21
0.43100	217.18	360.8[illegible]	154.69	405.39	262.79	387.83	214.79	388.77	217.18
0.43200	217.17	360.[illegible]	154.74	405.79	262.81	387.84	214.81	388.77	217.17
0.43300	217.17	360.[illegible]	[illegible].76	405.80	262.84	387.84	214.81	388.77	217.17
0.43400	217.19	360.91	[illegible].77	405.41	262.87	387.84	214.82	388.78	217.19
0.43500	217.22	360.91	154.78	405.42	262.89	387.85	214.84	388.79	217.22
0.43600	217.24	360.92	154.79	405.43	262.91	387.86	214.86	388.80	217.24
0.43700	217.24	360.92	154.80	405.43	262.93	387.86	214.87	388.80	217.24
0.43800	217.23	360.93	154.81	405.44	262.94	387.86	214.87	388.79	217.23
0.43900	217.23	360.92	154.80	405.44	262.96	387.86	214.86	388.79	217.23
0.44000	217.23	360.92	154.79	405.45	262.97	387.85	214.85	388.79	217.23
0.44100	217.24	360.91	154.77	405.45	262.98	387.85	214.85	388.80	217.24
0.44200	217.25	360.91	154.77	405.45	262.99	387.86	214.86	388.80	217.25
0.44300	217.26	360.91	154.77	405.46	263.00	387.86	214.87	388.81	217.26
0.44400	217.27	360.91	154.78	405.46	263.00	387.87	214.88	388.81	217.27
0.44500	217.28	360.91	154.78	405.46	263.01	387.87	214.89	388.81	217.28
0.44600	217.29	360.92	154.79	405.46	263.02	387.87	214.90	388.82	217.29
0.44700	217.30	360.92	154.80	405.47	263.03	387.88	214.90	388.82	217.30
0.44800	217.30	360.92	154.80	405.47	263.04	387.88	214.91	388.82	217.30
0.44900	217.31	360.92	154.81	405.47	263.05	387.88	214.92	388.82	217.31

TIME (SEC)	TEMP 42010000 (DEGF)	P 42010000 (LF/IN2)	TEMP 76010000 (DEGF)	P 76010000 (LF/IN2)	TEMP 44010000 (DEGF)	P 44010000 (LF/IN2)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 48010000 (LF/IN2)
0.40000	388.65	216.87	400.28	248.05	340.29	118.44	363.55	160.01	88.209
0.40100	388.65	216.88	400.29	248.06	340.28	118.44	363.56	160.01	88.411
0.40200	388.66	216.88	400.29	248.07	340.28	118.43	363.56	160.02	88.611
0.40300	388.66	216.89	400.29	248.09	340.28	118.44	363.57	160.03	88.808
0.40400	388.66	216.90	400.30	248.10	340.29	118.44	363.57	160.05	89.002
0.40500	388.67	216.91	400.30	248.11	340.29	118.45	363.58	160.05	89.193
0.40600	388.67	216.92	400.31	248.12	340.30	118.46	363.58	160.06	89.381

0.44200	217.25	360.91	154.77	405.45	262.98	387.85	214.85	388.80	217.24
0.44300	217.26	360.91	154.77	405.46	263.00	387.86	214.86	388.80	217.25
0.44400	217.27	360.91	154.78	405.46	263.00	387.86	214.87	388.81	217.26
0.44500	217.28	360.91	154.78	405.46	263.01	387.87	214.88	388.81	217.27
0.44600	217.29	360.92	154.79	405.46	263.02	387.87	214.89	388.81	217.28
0.44700	217.30	360.92	154.80	405.47	263.03	387.88	214.90	388.82	217.29
0.44800	217.30	360.92	154.80	405.47	263.04	387.88	214.91	388.82	217.30
0.44900	217.31	360.92	154.81	405.47	263.05	387.88	214.92	388.82	217.31

TIME (SEC)	TEMP 42010000 (DEGF)	P 42010000 (LF/IN2)	TEMP 76010000 (DEGF)	P 76010000 (LF/IN2)	TEMP 44010000 (DEGF)	P 44010000 (LF/IN2)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 48010000 (LF/IN2)
0.40000	388.65	216.87	400.28	248.05	340.29	118.44	363.55	160.01	88.209
0.40100	388.65	216.88	400.29	248.06	340.28	118.44	363.56	160.01	88.411
0.40200	388.66	216.88	400.29	248.07	340.28	118.43	363.56	160.02	88.611
0.40300	388.66	216.89	400.29	248.09	340.28	118.44	363.57	160.03	88.808
0.40400	388.66	216.90	400.30	248.10	340.29	118.44	363.57	160.05	89.002
0.40500	388.67	216.91	400.30	248.11	340.29	118.45	363.58	160.05	89.193
0.40600	388.67	216.92	400.31	248.12	340.30	118.46	363.58	160.06	89.381
0.40700	388.68	216.93	400.31	248.13	340.31	118.47	363.58	160.06	89.567
0.40800	388.68	216.94	400.31	248.14	340.30	118.47	363.58	160.06	89.750
0.40900	388.68	216.95	400.32	248.15	340.30	118.47	363.59	160.07	89.933
0.41000	388.68	216.95	400.32	248.17	340.30	118.47	363.59	160.09	90.117
0.41100	388.69	216.96	400.33	248.18	340.30	118.47	363.60	160.10	90.301
0.41200	388.69	216.97	400.33	248.19	340.31	118.47	363.60	160.10	90.483
0.41300	388.70	216.98	400.33	248.20	340.32	118.49	363.60	160.11	90.665
0.41400	388.70	216.99	400.34	248.21	340.31	118.49	363.61	160.11	90.847
0.41500	388.70	217.00	400.34	248.22	340.31	118.48	363.61	160.12	91.030
0.41600	388.70	217.01	400.35	248.23	340.32	118.50	363.61	160.13	91.214
0.41700	388.71	217.01	400.35	248.25	340.32	118.50	363.62	160.14	91.401
0.41800	388.71	217.02	400.35	248.26	340.32	118.50	363.62	160.14	91.587
0.41900	388.71	217.03	400.36	248.27	340.32	118.50	363.62	160.14	91.775
0.42000	388.72	217.04	400.36	248.28	340.32	118.50	363.63	160.15	91.967
0.42100	388.72	217.04	400.37	248.29	340.32	118.50	363.63	160.17	92.163
0.42200	388.72	217.05	400.37	248.30	340.33	118.51	363.64	160.18	92.362
0.42300	388.73	217.06	400.37	248.31	340.33	118.52	363.64	160.18	92.564
0.42400	388.73	217.07	400.38	248.33	340.33	118.51	363.64	160.18	92.770
0.42500	388.73	217.08	400.38	248.34	340.33	118.51	363.65	160.19	92.981
0.42600	388.75	217.11	400.37	248.31	340.33	118.52	363.66	160.21	93.196
0.42700	388.76	217.15	400.39	248.37	340.36	118.56	363.66	160.22	93.423
0.42800	388.75	217.13	400.36	248.28	340.36	118.56	363.68	160.25	93.656
0.42900	388.75	217.11	400.38	248.32	340.36	118.56	363.69	160.28	93.896
0.43000	388.76	217.15	400.39	248.35	340.37	118.58	363.69	160.28	94.140
0.43100	388.79	217.22	400.39	248.37	340.38	118.59	363.68	160.26	94.385
0.43200	388.80	217.25	400.40	248.39	340.38	118.59	363.68	160.25	94.637
0.43300	388.79	217.22	400.41	248.41	340.37	118.58	363.68	160.27	94.900
0.43400	388.77	217.18	400.42	248.43	340.36	118.57	363.70	160.29	95.176
0.43500	388.76	217.16	400.42	248.45	340.36	118.57	363.70	160.30	95.458
0.43600	388.76	217.16	400.43	248.46	340.37	118.57	363.70	160.29	95.744
0.43700	388.77	217.17	400.43	248.47	340.37	118.57	363.69	160.29	96.038
0.43800	388.77	217.18	400.44	248.49	340.36	118.57	363.69	160.29	96.341
0.43900	388.78	217.20	400.44	248.50	340.37	118.58	363.70	160.30	96.656
0.44000	388.79	217.21	400.44	248.51	340.37	118.57	363.70	160.31	96.983
0.44100	388.79	217.23	400.45	248.52	340.38	118.59	363.71	160.31	97.318
0.44200	388.79	217.23	400.45	248.54	340.38	118.59	363.71	160.32	97.662
0.44300	388.80	217.24	400.46	248.55	340.38	118.59	363.71	160.32	98.013
0.44400	388.80	217.24	400.46	248.56	340.38	118.59	363.71	160.33	98.371
0.44500	388.80	217.25	400.46	248.57	340.38	118.59	363.72	160.34	98.735
0.44600	388.81	217.26	400.47	248.58	340.39	118.60	363.72	160.35	99.100
0.44700	388.81	217.27	400.47	248.59	340.39	118.61	363.73	160.35	99.463
0.44800	388.81	217.28	400.48	248.60	340.38	118.60	363.73	160.36	99.819
0.44900	388.81	217.28	400.48	248.61	340.39	118.60	363.73	160.37	100.17

TIME (SEC)	P 114020000 (LF/IN2)	RHO 114020000 (LB/FT3)	TEMP 48010000 (DEGF)	TEMP 48080000 (DEGF)	P 48080000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)
0.40000	160.04	0.44923	318.86	315.32	83.871	314.49	82.878	314.49	82.878
0.40100	160.04	0.44926	319.02	315.50	84.086	314.67	83.091	314.67	83.091
0.40200	160.05	0.44929	319.18	315.68	84.299	314.85	83.302	314.85	83.302
0.40300	160.07	0.44933	319.34	315.85	84.509	315.02	83.512	315.02	83.512
0.40400	160.08	0.44936	319.49	316.02	84.717	315.20	83.722	315.20	83.722
0.40500	160.08	0.44939	319.64	316.19	84.924	315.37	83.930	315.37	83.930

0.44100	388.79	217.23	400.45	248.52	340.38	118.59	363.71	160.31	97.318
0.44200	388.79	217.23	400.45	248.54	340.38	118.59	363.71	160.32	97.662
0.44300	388.80	217.24	400.46	248.55	340.38	118.59	363.71	160.32	98.013
0.44400	388.80	217.24	400.46	248.56	340.38	118.59	363.71	160.33	98.371
0.44500	388.80	217.25	400.46	248.57	340.38	118.59	363.72	160.34	98.735
0.44600	388.81	217.26	400.47	248.58	340.39	118.60	363.72	160.35	99.100
0.44700	388.81	217.27	400.47	248.59	340.39	118.61	363.73	160.35	99.463
0.44800	388.81	217.28	400.48	248.60	340.38	118.60	363.73	160.36	99.819
0.44900	388.81	217.28	400.48	248.61	340.39	118.60	363.73	160.37	100.17

TIME (SEC)	P 114020000 (LF/IN2)	RHO 114020000 (LB/FT3)	TEMP 48010000 (DEGF)	TEMP 48080000 (DEGF)	P 48080000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)	TEMP 52010000 (DEGF)	P 52010000 (LF/IN2)
0.40000	160.04	0.44923	318.86	315.32	83.871	314.49	82.878	314.49	82.878
0.40100	160.04	0.44926	319.02	315.50	84.086	314.67	83.091	314.67	83.091
0.40200	160.05	0.44929	319.18	315.68	84.299	314.85	83.302	314.85	83.302
0.40300	160.07	0.44933	319.34	315.85	84.509	315.02	83.512	315.02	83.512
0.40400	160.08	0.44936	319.49	316.02	84.717	315.20	83.722	315.20	83.722
0.40500	160.08	0.44939	319.64	316.19	84.924	315.37	83.930	315.37	83.930
0.40600	160.09	0.44941	319.79	316.36	85.129	315.55	84.138	315.55	84.138
0.40700	160.09	0.44942	319.94	316.53	85.332	315.72	84.346	315.72	84.346
0.40800	160.09	0.44944	320.08	316.70	85.533	315.89	84.554	315.89	84.554
0.40900	160.10	0.44947	320.23	316.86	85.733	316.06	84.761	316.06	84.761
0.41000	160.12	0.44951	320.37	317.02	85.933	316.23	84.967	316.23	84.967
0.41100	160.13	0.44954	320.52	317.19	86.134	316.40	85.174	316.40	85.174
0.41200	160.13	0.44956	320.66	317.35	86.335	316.57	85.382	316.57	85.382
0.41300	160.14	0.44959	320.80	317.51	86.538	316.74	85.592	316.74	85.592
0.41400	160.14	0.44960	320.95	317.68	86.740	316.92	85.804	316.92	85.804
0.41500	160.15	0.44962	321.09	317.84	86.944	317.09	86.020	317.09	86.020
0.41600	160.16	0.44965	321.23	318.01	87.149	317.27	86.238	317.27	86.238
0.41700	160.17	0.44967	321.38	318.18	87.356	317.45	86.459	317.45	86.459
0.41800	160.17	0.44969	321.52	318.35	87.566	317.64	86.688	317.64	86.688
0.41900	160.17	0.44971	321.67	318.52	87.780	317.82	86.916	317.82	86.916
0.42000	160.18	0.44974	321.82	318.69	87.997	318.01	87.148	318.01	87.148
0.42100	160.20	0.44978	321.97	318.87	88.218	318.21	87.392	318.21	87.392
0.42200	160.21	0.44981	322.12	319.05	88.445	318.40	87.636	318.40	87.636
0.42300	160.21	0.44983	322.28	319.23	88.677	318.60	87.885	318.60	87.885
0.42400	160.22	0.44984	322.43	319.42	88.915	318.81	88.145	318.81	88.145
0.42500	160.23	0.44987	322.60	319.62	89.158	319.02	88.408	319.02	88.408
0.42600	160.24	0.44991	322.76	319.81	89.402	319.24	88.679	319.24	88.679
0.42700	160.26	0.44996	322.93	320.01	89.656	319.46	88.955	319.46	88.955
0.42800	160.29	0.45005	323.11	320.22	89.919	319.68	89.240	319.68	89.240
0.42900	160.31	0.45011	323.30	320.43	90.192	319.91	89.529	319.91	89.529
0.43000	160.31	0.45011	323.48	320.65	90.473	320.15	89.828	320.15	89.828
0.43100	160.29	0.45007	323.67	320.88	90.761	320.39	90.139	320.39	90.139
0.43200	160.29	0.45006	323.86	321.11	91.055	320.64	90.459	320.64	90.459
0.43300	160.30	0.45008	324.06	321.34	91.354	320.90	90.788	320.90	90.788
0.43400	160.32	0.45012	324.26	321.58	91.662	321.16	91.125	321.16	91.125
0.43500	160.33	0.45013	324.48	321.83	91.982	321.43	91.468	321.43	91.468
0.43600	160.33	0.45011	324.69	322.08	92.313	321.70	91.820	321.70	91.820
0.43700	160.32	0.45009	324.91	322.35	92.654	321.98	92.182	321.98	92.182
0.43800	160.32	0.45009	325.14	322.61	93.003	322.27	92.551	322.27	92.551
0.43900	160.33	0.45012	325.37	322.89	93.360	322.55	92.923	322.55	92.923
0.44000	160.34	0.45015	325.61	323.17	93.726	322.84	93.293	322.84	93.293
0.44100	160.35	0.45019	325.86	323.45	94.101	323.12	93.660	323.12	93.660
0.44200	160.35	0.45021	326.12	323.74	94.481	323.39	94.021	323.39	94.021
0.44300	160.35	0.45024	326.37	324.03	94.865	323.66	94.375	323.66	94.375
0.44400	160.36	0.45027	326.64	324.32	95.248	323.92	94.719	323.92	94.719
0.44500	160.37	0.45031	326.90	324.60	95.628	324.17	95.051	324.17	95.051
0.44600	160.38	0.45035	327.17	324.88	96.001	324.41	95.370	324.41	95.370
0.44700	160.38	0.45037	327.43	325.15	96.365	324.64	95.676	324.64	95.676
0.44800	160.39	0.45039	327.69	325.42	96.717	324.86	95.969	324.86	95.969
0.44900	160.40	0.45043	327.94	325.67	97.054	325.07	96.250	325.07	96.250

TIME (SEC)	TEMP 54500000 (DEGF)	P 54500000 (LF/IN2)	TEMP 60010000 (DEGF)	P 60010000 (LF/IN2)	P 97010000 (LF/IN2)	P 95010000 (LF/IN2)	RHO 97010000 (LB/FT3)	TEMP 95010000 (DEGF)	RHO 95010000 (LB/FT3)
0.40000	312.91	81.085	289.49	112.43	154.55	166.84	0.44541	366.91	0.47523
0.40100	313.14	81.353	290.[illegible]	112.42	154.55	166.85	0.44544	366.91	0.47525
0.40200	313.38	81.629	291.[illegible]	112.37	154.56	166.86	0.44546	366.92	0.47528
0.40300	313.62	81.914	293.24	112.33	154.56	166.86	0.44548	366.92	0.47531

0.44100	160.35	0.45019	325.86	323.45	94.101	323.12	93.660	323.12	93.660
0.44200	160.35	0.45021	326.12	323.74	94.481	323.39	94.021	323.39	94.021
0.44300	160.35	0.45024	326.37	324.03	94.865	323.66	94.375	323.66	94.375
0.44400	160.36	0.45027	326.64	324.32	95.248	323.92	94.719	323.92	94.719
0.44500	160.37	0.45031	326.90	324.60	95.628	324.17	95.051	324.17	95.051
0.44600	160.38	0.45035	327.17	324.88	96.001	324.41	95.370	324.41	95.370
0.44700	160.38	0.45037	327.43	325.15	96.365	324.64	95.676	324.64	95.676
0.44800	160.39	0.45039	327.69	325.42	96.717	324.86	95.969	324.86	95.969
0.44900	160.40	0.45043	327.94	325.67	97.054	325.07	96.250	325.07	96.250

TIME (SEC)	TEMP 54500000 (DEGF)	P 54500000 (LF/IN2)	TEMP 60010000 (DEGF)	P 60010000 (LF/IN2)	P 97010000 (LF/IN2)	P 95010000 (LF/IN2)	RHO 97010000 (LB/FT3)	TEMP 95010000 (DEGF)	RHO 95010000 (LB/FT3)
0.40000	312.91	81.085	289.49	112.43	154.55	166.84	0.44541	366.91	0.47523
0.40100	313.14	81.353	290.73	112.42	154.55	166.85	0.44544	366.91	0.47525
0.40200	313.38	81.629	291.98	112.37	154.56	166.86	0.44546	366.92	0.47528
0.40300	313.62	81.914	293.24	112.33	154.56	166.86	0.44549	366.92	0.47531
0.40400	313.88	82.209	294.51	112.34	154.57	166.87	0.44550	366.92	0.47535
0.40500	314.14	82.515	295.82	112.43	154.57	166.88	0.44553	366.93	0.47537
0.40600	314.41	82.834	297.17	112.67	154.58	166.88	0.44555	366.93	0.47539
0.40700	314.69	83.165	298.51	112.91	154.58	166.89	0.44557	366.93	0.47541
0.40800	314.98	83.511	299.86	113.14	154.58	166.89	0.44558	366.93	0.47544
0.40900	315.28	83.869	301.20	113.34	154.59	166.90	0.44561	366.94	0.47546
0.41000	315.59	84.239	302.54	113.50	154.60	166.91	0.44563	366.94	0.47549
0.41100	315.90	84.615	303.86	113.63	154.60	166.91	0.44566	366.94	0.47552
0.41200	316.22	84.992	305.16	113.71	154.61	166.92	0.44569	366.95	0.47556
0.41300	316.52	85.364	306.44	113.76	154.62	166.93	0.44571	366.95	0.47558
0.41400	316.82	85.723	307.70	113.77	154.62	166.93	0.44574	366.95	0.47560
0.41500	317.10	86.063	308.93	113.74	154.63	166.94	0.44576	366.96	0.47563
0.41600	317.36	86.379	310.13	113.63	154.63	166.95	0.44577	366.96	0.47565
0.41700	317.59	86.669	311.30	113.59	154.63	166.95	0.44580	366.96	0.47568
0.41800	317.81	86.932	312.42	113.46	154.64	166.96	0.44583	366.96	0.47570
0.41900	318.00	87.169	313.51	113.30	154.65	166.97	0.44585	366.97	0.47574
0.42000	318.18	87.383	314.54	113.11	154.65	166.97	0.44587	366.97	0.47576
0.42100	318.33	87.578	315.53	112.90	154.66	166.98	0.44589	366.98	0.47579
0.42200	318.48	87.756	316.46	112.64	154.66	166.99	0.44591	366.98	0.47583
0.42300	318.61	87.922	317.34	112.34	154.67	166.99	0.44594	366.98	0.47584
0.42400	318.74	88.080	318.15	112.01	154.67	166.99	0.44596	366.98	0.47586
0.42500	318.86	88.232	318.91	111.64	154.68	167.00	0.44598	366.99	0.47589
0.42600	318.98	88.381	319.60	111.23	154.69	167.01	0.44602	366.99	0.47592
0.42700	319.10	88.531	320.23	110.79	154.78	167.17	0.44622	367.07	0.47635
0.42800	319.22	88.682	320.80	110.31	154.64	167.10	0.44579	367.03	0.47608
0.42900	319.35	88.838	321.31	109.81	154.60	166.95	0.44557	366.96	0.47559
0.43000	319.48	89.000	321.77	109.28	154.63	166.96	0.44565	366.97	0.47553
0.43100	319.61	89.168	322.18	108.74	154.69	167.00	0.44587	366.99	0.47570
0.43200	319.75	89.343	322.54	108.19	154.74	167.05	0.44609	367.01	0.47591
0.43300	319.90	89.526	322.86	107.63	154.76	167.07	0.44621	367.02	0.47606
0.43400	320.05	89.718	323.13	107.06	154.77	167.08	0.44628	367.02	0.47613
0.43500	320.21	89.919	323.37	106.50	154.78	167.09	0.44632	367.03	0.47619
0.43600	320.37	90.128	323.57	105.95	154.79	167.11	0.44636	367.04	0.47626
0.43700	320.54	90.347	323.75	105.41	154.80	167.12	0.44641	367.04	0.47631
0.43800	320.72	90.573	323.89	104.87	154.81	167.12	0.44644	367.05	0.47633
0.43900	320.91	90.809	324.02	104.36	154.80	167.13	0.44643	367.05	0.47635
0.44000	321.10	91.053	324.12	103.86	154.79	167.12	0.44641	367.04	0.47634
0.44100	321.30	91.305	324.20	103.37	154.77	167.12	0.44639	367.04	0.47636
0.44200	321.50	91.564	324.27	102.91	154.77	167.12	0.44639	367.04	0.47635
0.44300	321.70	91.832	324.32	102.45	154.77	167.12	0.44639	367.04	0.47637
0.44400	321.92	92.106	324.35	102.02	154.78	167.12	0.44641	367.04	0.47639
0.44500	322.13	92.387	324.37	101.60	154.78	167.13	0.44643	367.05	0.47643
0.44600	322.36	92.675	324.38	101.20	154.79	167.14	0.44646	367.05	0.47645
0.44700	322.59	92.973	324.38	100.82	154.80	167.14	0.44649	367.05	0.47648
0.44800	322.81	93.268	324.37	100.45	154.80	167.15	0.44652	367.06	0.47650
0.44900	323.05	93.576	324.36	100.10	154.81	167.16	0.44654	367.06	0.47653

TIME (SEC)	MFLOWJ 114020000 (LB/SEC)	MFLOWJ 94000000 (LB/SEC)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 114020000 (LF/IN2)	P 48010000 (LF/IN2)	P 195020000 (LF/IN2)	TEMP 195020000 (DEGF)	MFLOWJ 194000000 (LB/SEC)
0.40000	60.569	90.729	363.55	160.01	160.04	88.209	131.07	347.95	72.531
0.40100	60.568	90.730	363.56	160.01	160.04	88.411	131.08	347.96	72.536
0.40200	60.574	90.735	363.56	160.02	160.05	88.611	131.07	347.96	72.535

0.44100	321.34	91.565	324.26	103.37	154.77	167.12	0.44639	367.04	0.47636
0.44200	321.50	91.564	324.27	102.91	154.77	167.12	0.44639	367.04	0.47635
0.44300	321.70	91.832	324.32	102.45	154.77	167.12	0.44639	367.04	0.47637
0.44400	321.92	92.106	324.35	102.02	154.78	167.12	0.44641	367.04	0.47639
0.44500	322.13	92.387	324.37	101.60	154.78	167.13	0.44643	367.05	0.47643
0.44600	322.36	92.675	324.38	101.20	154.79	167.14	0.44646	367.05	0.47645
0.44700	322.59	92.973	324.38	100.82	154.80	167.14	0.44649	367.05	0.47648
0.44800	322.81	93.268	324.37	100.45	154.80	167.15	0.44652	367.06	0.47650
0.44900	323.05	93.576	324.36	100.10	154.81	167.16	0.44654	367.06	0.47653

TIME (SEC)	MFLOWJ 114020000 (LB/SEC)	MFLOWJ 94000000 (LB/SEC)	TEMP 114030000 (DEGF)	P 114030000 (LF/IN2)	P 114020000 (LF/IN2)	P 48010000 (LF/IN2)	P 195020000 (LF/IN2)	TEMP 195020000 (DEGF)	MFLOWJ 194000000 (LB/SEC)
0.40000	60.569	90.729	363.55	160.01	160.04	88.209	131.07	347.96	72.531
0.40100	60.568	90.730	363.56	160.01	160.04	88.411	131.08	347.96	72.536
0.40200	60.574	90.735	363.56	160.02	160.05	88.611	131.07	347.96	72.535
0.40300	60.584	90.739	363.57	160.03	160.07	88.808	131.08	347.96	72.536
0.40400	60.585	90.746	363.57	160.05	160.08	89.002	131.09	347.97	72.541
0.40500	60.583	90.751	363.58	160.05	160.08	89.193	131.09	347.97	72.546
0.40600	60.586	90.752	363.58	160.06	160.09	89.381	131.11	347.98	72.556
0.40700	60.582	90.756	363.58	160.06	160.09	89.567	131.12	347.99	72.563
0.40800	60.587	90.760	363.58	160.06	160.09	89.750	131.13	347.99	72.566
0.40900	60.597	90.761	363.59	160.07	160.10	89.933	131.13	347.99	72.566
0.41000	60.604	90.768	363.59	160.09	160.12	90.117	131.13	347.99	72.566
0.41100	60.605	90.774	363.60	160.10	160.13	90.301	131.13	348.00	72.570
0.41200	60.603	90.779	363.60	160.10	160.13	90.483	131.14	348.00	72.575
0.41300	60.607	90.784	363.60	160.11	160.14	90.665	131.15	348.01	72.581
0.41400	60.605	90.787	363.61	160.11	160.14	90.847	131.16	348.01	72.589
0.41500	60.610	90.788	363.61	160.12	160.15	91.030	131.17	348.01	72.590
0.41600	60.622	90.792	363.61	160.13	160.16	91.214	131.17	348.02	72.593
0.41700	60.617	90.796	363.62	160.14	160.17	91.401	131.18	348.02	72.601
0.41800	60.615	90.800	363.62	160.14	160.17	91.587	131.19	348.03	72.604
0.41900	60.622	90.806	363.62	160.14	160.17	91.775	131.19	348.03	72.607
0.42000	60.630	90.813	363.63	160.15	160.18	91.967	131.19	348.03	72.607
0.42100	60.638	90.817	363.63	160.17	160.20	92.163	131.19	348.03	72.607
0.42200	60.638	90.822	363.64	160.18	160.21	92.362	131.20	348.04	72.614
0.42300	60.633	90.823	363.64	160.18	160.21	92.564	131.22	348.04	72.622
0.42400	60.635	90.827	363.64	160.18	160.22	92.770	131.22	348.05	72.624
0.42500	60.648	90.834	363.65	160.19	160.23	92.981	131.22	348.05	72.624
0.42600	60.656	90.834	363.66	160.21	160.24	93.196	131.24	348.06	72.634
0.42700	60.662	90.916	363.66	160.22	160.26	93.423	131.28	348.08	72.659
0.42800	60.687	90.914	363.68	160.25	160.29	93.656	131.29	348.09	72.667
0.42900	60.685	90.803	363.69	160.28	160.31	93.896	131.25	348.06	72.630
0.43000	60.660	90.791	363.69	160.28	160.31	94.140	131.25	348.06	72.614
0.43100	60.647	90.810	363.68	160.26	160.29	94.385	131.27	348.07	72.628
0.43200	60.661	90.842	363.68	160.25	160.29	94.637	131.30	348.09	72.657
0.43300	60.682	90.864	363.68	160.27	160.30	94.900	131.31	348.10	72.672
0.43400	60.689	90.874	363.70	160.29	160.32	95.176	131.30	348.09	72.672
0.43500	60.675	90.882	363.70	160.30	160.33	95.458	131.30	348.09	72.672
0.43600	60.661	90.892	363.70	160.29	160.33	95.744	131.30	348.09	72.672
0.43700	60.666	90.902	363.69	160.29	160.32	96.038	131.31	348.10	72.677
0.43800	60.670	90.906	363.69	160.29	160.32	96.341	131.31	348.10	72.679
0.43900	60.682	90.905	363.70	160.30	160.33	96.656	131.32	348.10	72.683
0.44000	60.684	90.905	363.70	160.31	160.34	96.983	131.33	348.11	72.689
0.44100	60.686	90.908	363.71	160.31	160.35	97.318	131.33	348.11	72.692
0.44200	60.687	90.907	363.71	160.32	160.35	97.662	131.34	348.12	72.698
0.44300	60.689	90.910	363.71	160.32	160.35	98.013	131.35	348.12	72.700
0.44400	60.697	90.911	363.71	160.33	160.36	98.371	131.35	348.12	72.702
0.44500	60.702	90.920	363.72	160.34	160.37	98.735	131.35	348.12	72.704
0.44600	60.706	90.923	363.72	160.35	160.38	99.100	131.36	348.13	72.710
0.44700	60.704	90.924	363.73	160.35	160.38	99.463	131.37	348.13	72.716
0.44800	60.706	90.931	363.73	160.36	160.39	99.819	131.37	348.14	72.718
0.44900	60.717	90.935	363.73	160.37	160.40	100.17	131.37	348.13	72.717

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ATTEMPTED ADV: TOT.=   1877   EDIT=    233   MIN.DT=   1.220703E-07 SEC   LAST DT=   2.500000E-04 SEC   MS.ERR=    53.3053      LB
 REPEATED ADV: TOT.=     72   EDIT=     11   MAX.DT=   2.500000E-04 SEC   CRNT.DT=   4.175746E-04 SEC   TOT.MS=    39095.9      LB
SUCCESSFUL ADV: TOT.=   1805   EDIT=    222   AVG.DT=   2.252252E-04 SEC   ERR.EST=   1.472380E-05        M.RATN=   1.363449E-03
 REQUESTED ADV: TOT.=    450   EDIT=     50   REQ.DT=   1.000000E-03 SEC       CPU=    385.044     SEC     TIME=   0.450000     SEC

TRIP NUMBER, TRIP TIME (SEC)
   505  -1.0000          506  1.45000E-02      507  -1.0000          508  1.97500E-02      509  -1.0000
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0.44100	60.656	90.908	363.71	160.31	160.35	97.318	131.33	348.11	72.692
0.44200	60.687	90.907	363.71	160.32	160.35	97.662	131.34	348.12	72.698
0.44300	60.689	90.910	363.71	160.32	160.35	98.013	131.35	348.12	72.700
0.44400	60.697	90.911	363.71	160.33	160.36	98.371	131.35	348.12	72.702
0.44500	60.702	90.920	363.72	160.34	160.37	98.735	131.35	348.12	72.704
0.44600	60.706	90.923	363.72	160.35	160.38	99.100	131.36	348.13	72.710
0.44700	60.704	90.924	363.73	160.35	160.38	99.463	131.37	348.13	72.716
0.44800	60.706	90.931	363.73	160.36	160.39	99.819	131.37	348.14	72.718
0.44900	60.717	90.935	363.73	160.37	160.40	100.17	131.37	348.13	72.717

ATTEMPTED ADV: TOT.=	1877	EDIT=	233	MIN.DT=	1.220703E-07 SEC	LAST DT=	2.500000E-04 SEC	MS.ERR=	53.3053	LB
REPEATED ADV: TOT.=	72	EDIT=	11	MAX.DT=	2.500000E-04 SEC	CRNT.DT=	4.175746E-04 SEC	TOT.MS=	39095.9	LB
SUCCESSFUL ADV: TOT.=	1805	EDIT=	222	AVG.DT=	2.252252E-04 SEC	ERR.EST=	1.472380E-05	M.RATN=	1.363449E-03	
REQUESTED ADV: TOT.=	450	EDIT=	50	REQ.DT=	1.000000E-03 SEC	CPU=	385.044 SEC	TIME=	0.450000	SEC

TRIP NUMBER, TRIP TIME (SEC)

505 -1.0000 506 1.45000E-02 507 -1.0000 508 1.97500E-02 509 -1.0000

VOL.NO.	PRESSURE (LBF/IN2)	INT. ENERGY (BTU/LB)	STATIC QUAL.	NONCOND VAPOR QUAL.	EQU. QUAL.	VOIDG	TEMPF (DEGF)	TEMPG (DEGF)	TEMPF (DEGF)	VOL. FLAG
C-001 TMDPVOL COMPONENT										
1010000	2731.9	1009.9	1.0000	0.00000	1.0000	1.0000	681.28	681.28	681.28	10
C-36 PIPE COMPONENT										
36010000	263.06	957.17	0.80145	0.00000	0.78390	0.99721	405.48	375.92	405.48	10
36020000	211.31	944.53	0.78461	0.00000	0.77508	0.99759	386.44	368.72	386.44	10
36030000	191.41	938.47	0.77587	0.00000	0.77081	0.99774	378.15	368.32	378.15	10
C-38 PIPE COMPONENT										
38010000	217.32	953.47	0.78590	0.00000	0.78590	0.99762	388.83	388.83	388.83	0
38020000	217.32	953.59	0.78605	0.00000	0.78605	0.99762	388.83	388.83	388.83	0
38030000	217.31	953.69	0.78619	0.00000	0.78619	0.99762	388.82	388.83	388.82	0
38040000	217.31	953.79	0.78632	0.00000	0.78632	0.99762	388.82	388.82	388.82	0
38050000	217.30	953.88	0.78644	1.60887E-10	0.78644	0.99762	388.82	388.82	388.82	0
38060000	217.30	953.94	0.78652	2.02832E-08	0.78652	0.99763	388.82	388.82	388.82	0
38070000	217.30	953.96	0.78655	1.69631E-08	0.78655	0.99763	388.82	388.82	388.82	0
C-40 SNGLVOL COMPONENT										
40010000	217.55	953.23	0.78554	0.00000	0.78554	0.99761	388.92	388.92	388.92	0
C-42 SNGLVOL COMPONENT										
42010000	217.29	925.29	0.74843	8.16067E-08	0.74843	0.99706	388.82	388.82	388.82	0
C-44 BRANCH COMPONENT										
44010000	118.61	918.73	0.76724	1.41370E-08	0.76298	0.99854	340.39	330.78	340.39	0
C-46 PIPE COMPONENT										
46010000	159.18	942.85	0.78317	1.62807E-08	0.78317	0.99823	363.14	363.15	363.14	0
46020000	160.96	943.55	0.78368	2.10658E-08	0.78368	0.99822	364.03	364.03	364.03	0
46030000	160.99	943.60	0.78374	2.72417E-08	0.78374	0.99822	364.04	364.04	364.04	0
C-48 PIPE COMPONENT										
48010000	100.50	946.97	0.80384	5.94830E-08	0.80385	0.99901	328.18	328.19	328.18	0
48020000	97.502	945.37	0.80300	6.65834E-08	0.80286	0.99904	326.00	325.67	326.00	0
48030000	97.283	945.37	0.80294	7.44952E-08	0.80293	0.99904	325.84	325.82	325.84	0
48040000	97.291	945.53	0.80310	8.33310E-08	0.80312	0.99904	325.84	325.90	325.84	0
48050000	97.314	945.69	0.80332	9.31999E-08	0.80332	0.99904	325.86	325.86	325.86	0
48060000	97.338	945.85	0.80351	1.04222E-07	0.80351	0.99904	325.88	325.87	325.88	0
48070000	97.358	946.01	0.80369	1.16531E-07	0.80369	0.99904	325.89	325.89	325.89	0
48080000	97.374	946.15	0.80386	1.30274E-07	0.80386	0.99904	325.90	325.90	325.90	0
48090000	97.385	946.28	0.80403	1.45618E-07	0.80403	0.99905	325.91	325.91	325.91	0
C-50 PIPE COMPONENT										
50010000	96.615	946.42	0.80445	1.63188E-07	0.80445	0.99906	325.34	325.34	325.34	0
50020000	96.550	946.59	0.80458	1.82835E-07	0.80458	0.99906	325.29	325.29	325.29	0
50030000	96.545	946.62	0.80472	2.04810E-07	0.80472	0.99906	325.29	325.29	325.29	0
50040000	96.539	946.74	0.80487	2.29385E-07	0.80487	0.99906	325.28	325.28	325.28	0
50050000	96.531	946.85	0.80501	2.56860E-07	0.80501	0.99906	325.28	325.28	325.28	0
C-52 SNGLVOL COMPONENT										
52010000	96.520	946.96	0.80515	2.85890E-07	0.80515	0.99906	325.27	325.27	325.27	0
C-54 PIPE COMPONENT										
54010000	94.116	947.10	0.80604	3.21338E-07	0.80613	0.99909	323.46	323.70	323.46	0
54020000	93.873	947.08	0.80619	3.61011E-07	0.80620	0.99909	323.28	323.30	323.28	0
54030000	93.823	947.19	0.80634	4.05478E-07	0.80634	0.99909	323.24	323.24	323.24	0
54040000	93.798	947.31	0.80650	4.55310E-07	0.80650	0.99909	323.22	323.22	323.22	0
54050000	93.768	947.42	0.80665	5.11140E-07	0.80665	0.99910	323.20	323.20	323.20	0
54060000	93.736	947.54	0.80681	5.73572E-07	0.80681	0.99910	323.17	323.17	323.17	0
54070000	93.703	947.66	0.80697	6.43693E-07	0.80697	0.99910	323.15	323.15	323.15	0
54080000	93.669	947.78	0.80713	7.22077E-07	0.80713	0.99910	323.12	323.12	323.12	0
54090000	93.635	947.90	0.80729	8.09801E-07	0.80729	0.99910	323.10	323.10	323.10	0
54100000	93.600	948.02	0.80745	9.07951E-07	0.80745	0.99910	323.07	323.07	323.07	0
54110000	93.566	948.14	0.80761	1.01774E-06	0.80761	0.99910	323.04	323.04	323.04	0
54120000	93.533	948.26	0.80777	1.14051E-06	0.80777	0.99910	323.02	323.02	323.02	0
54130000	93.500	948.38	0.80793	1.27777E-06	0.80793	0.99911	[illegible]	[illegible]	[illegible]	[illegible]

50010000	96.615	946.42	0.80445	1.63188E-07	0.80445	0.99906	325.34	325.34	325.34	0
50020000	96.550	946.50	0.80458	1.82835E-07	0.80458	0.99906	325.29	325.29	325.29	0
50030000	96.545	946.62	0.80472	2.04810E-07	0.80472	0.99906	325.29	325.29	325.29	0
50040000	96.539	946.74	0.80487	2.29385E-07	0.80487	0.99906	325.28	325.28	325.28	0
50050000	96.531	946.85	0.80501	2.56860E-07	0.80501	0.99906	325.28	325.28	325.28	0
C-52 SNGLVOL COMPONENT										
52010000	96.520	946.96	0.80515	2.85890E-07	0.80515	0.99906	325.27	325.27	325.27	0
C-54 PIPE COMPONENT										
54010000	94.116	947.10	0.80604	3.21338E-07	0.80613	0.99909	323.46	323.70	323.46	0
54020000	93.873	947.08	0.80619	3.61011E-07	0.80620	0.99909	323.28	323.30	323.28	0
54030000	93.828	947.19	0.80634	4.05478E-07	0.80634	0.99909	323.24	323.24	323.24	0
54040000	93.798	947.31	0.80650	4.55310E-07	0.80650	0.99909	323.22	323.22	323.22	0
54050000	93.768	947.42	0.80665	5.11140E-07	0.80665	0.99910	323.20	323.20	323.20	0
54060000	93.736	947.54	0.80681	5.73672E-07	0.80681	0.99910	323.17	323.17	323.17	0
54070000	93.703	947.66	0.80697	6.43693E-07	0.80697	0.99910	323.15	323.15	323.15	0
54080000	93.669	947.78	0.80713	7.22077E-07	0.80713	0.99910	323.12	323.12	323.12	0
54090000	93.635	947.90	0.80729	8.09801E-07	0.80729	0.99910	323.10	323.10	323.10	0
54100000	93.600	948.02	0.80745	9.07951E-07	0.80745	0.99910	323.07	323.07	323.07	0
54110000	93.566	948.14	0.80761	1.01774E-06	0.80761	0.99910	323.04	323.04	323.04	0
54120000	93.533	948.26	0.80777	1.14051E-06	0.80777	0.99910	323.02	323.02	323.02	0
54130000	93.500	948.38	0.80793	1.27777E-06	0.80793	0.99911	322.99	322.99	322.99	0
54140000	93.469	948.50	0.80809	1.43118E-06	0.80809	0.99911	322.97	322.97	322.97	0
54150000	93.440	948.63	0.80825	1.60261E-06	0.80825	0.99911	322.95	322.95	322.95	0
54160000	93.412	948.75	0.80841	1.79412E-06	0.80841	0.99911	322.93	322.93	322.93	0
54170000	93.386	948.88	0.80857	2.00801E-06	0.80857	0.99911	322.91	322.91	322.91	0
54180000	93.363	949.01	0.80874	2.24684E-06	0.80874	0.99911	322.89	322.89	322.89	0
54190000	93.341	949.14	0.80891	2.51346E-06	0.80891	0.99911	322.87	322.87	322.87	0
54200000	93.323	949.27	0.80908	2.81103E-06	0.80908	0.99911	322.86	322.86	322.86	0
54210000	93.307	949.40	0.80925	3.14307E-06	0.80925	0.99911	322.85	322.85	322.85	0
54220000	93.294	949.54	0.80942	3.51351E-06	0.80942	0.99912	322.84	322.83	322.84	0
54230000	93.283	949.68	0.80960	3.92669E-06	0.80960	0.99912	322.83	322.83	322.83	0
54240000	93.275	949.82	0.80978	4.38746E-06	0.80978	0.99912	322.82	322.82	322.82	0
54250000	93.270	949.97	0.80996	4.90120E-06	0.80996	0.99912	322.82	322.82	322.82	0
54260000	93.268	950.11	0.81014	5.47390E-06	0.81014	0.99912	322.82	322.82	322.82	0
54270000	93.269	950.26	0.81032	6.11222E-06	0.81032	0.99912	322.82	322.82	322.82	0
54280000	93.272	950.41	0.81050	6.82358E-06	0.81050	0.99912	322.82	322.82	322.82	0
54290000	93.278	950.56	0.81069	7.61619E-06	0.81069	0.99912	322.82	322.82	322.82	0
54300000	93.287	950.71	0.81087	8.49922E-06	0.81087	0.99912	322.83	322.83	322.83	0
54310000	93.298	950.86	0.81105	9.48285E-06	0.81105	0.99913	322.84	322.84	322.84	0
54320000	93.312	951.01	0.81123	1.05784E-05	0.81123	0.99913	322.85	322.85	322.85	0
54330000	93.328	951.16	0.81141	1.17984E-05	0.81141	0.99913	322.86	322.86	322.86	0
54340000	93.346	951.31	0.81159	1.31567E-05	0.81159	0.99913	322.88	322.87	322.88	0
54350000	93.367	951.46	0.81177	1.46690E-05	0.81177	0.99913	322.89	322.89	322.89	0
54360000	93.389	951.61	0.81194	1.63523E-05	0.81194	0.99913	322.91	322.91	322.91	0
54370000	93.414	951.75	0.81211	1.82258E-05	0.81211	0.99913	322.93	322.93	322.93	0
54380000	93.441	951.89	0.81227	2.03103E-05	0.81227	0.99913	322.95	322.95	322.95	0
54390000	93.470	952.03	0.81243	2.26293E-05	0.81243	0.99913	322.97	322.97	322.97	0
54400000	93.500	952.16	0.81259	2.52084E-05	0.81259	0.99913	322.99	322.99	322.99	0
54410000	93.536	952.30	0.81272	2.80760E-05	0.81274	0.99913	323.02	323.08	323.02	0
54420000	93.567	952.42	0.81289	3.12633E-05	0.81288	0.99913	323.04	323.04	323.04	0
54430000	93.606	952.55	0.81300	3.48047E-05	0.81302	0.99913	323.07	323.13	323.07	0
54440000	93.643	952.66	0.81314	3.87376E-05	0.81315	0.99913	323.10	323.15	323.10	0
54450000	93.678	952.77	0.81328	4.31032E-05	0.81328	0.99913	323.13	323.13	323.13	0
54460000	93.721	952.87	0.81337	4.79467E-05	0.81339	0.99913	323.16	323.22	323.16	0
54470000	93.758	952.96	0.81349	5.33169E-05	0.81349	0.99913	323.19	323.19	323.19	0
54480000	93.799	953.04	0.81357	5.92673E-05	0.81357	0.99913	323.22	323.22	323.22	0
54490000	93.844	953.11	0.81362	6.58559E-05	0.81364	0.99913	323.26	323.31	323.26	0
54500000	93.883	953.16	0.81369	7.31454E-05	0.81369	0.99913	323.29	323.28	323.29	0
54510000	93.925	953.21	0.81383	8.12042E-05	0.81373	0.99913	323.32	323.11	323.32	0
54520000	93.970	953.26	0.81389	9.01101E-05	0.81389	0.99914	323.35	323.36	323.35	0
54530000	94.017	953.30	0.81394	9.99461E-05	0.81394	0.99914	323.38	323.39	323.38	0
54540000	94.064	953.33	0.81396	1.10800E-04	0.81396	0.99913	323.42	323.43	323.42	0
54550000	94.112	953.32	0.81395	1.22766E-04	0.81395	0.99913	323.45	323.46	323.45	0
54560000	94.161	953.30	0.81392	1.35946E-04	0.81392	0.99913	323.49	323.50	323.49	0
54570000	94.211	953.24	0.81385	1.50447E-04	0.81385	0.99913	323.53	323.54	323.53	0
54580000	94.263	953.16	0.81375	1.66388E-04	0.81375	0.99913	323.56	323.57	323.56	0
54590000	94.317	953.05	0.81362	1.83892E-04	0.81362	0.99913	323.60	323.61	323.60	0
54600000	94.375	952.91	0.81344	2.03094E-04	0.81344	0.99913	323.65	323.66	323.65	0
54610000	94.435	952.73	0.81323	2.24135E-04	0.81323	0.99913	323.69	323.70	323.69	0
54620000	94.498	952.52	0.81297	2.47169E-04	0.81297	0.99913	323.74	323.75	323.74	0
54630000	94.565	952.27	0.81268	2.72358E-04	0.81267	0.99912	323.79	323.80	323.79	0
54640000	94.636	951.99	0.81233	2.99872E-04	0.81233	0.99912	323.84	323.85	323.84	0
54650000	94.711	951.66	0.81194	3.29895E-04	0.81194	0.99912	323.89	323.90	323.89	0
54660000	94.789	951.30	0.81150	3.62620E-04	0.81150	0.99911	323.95	323.96	323.95	0
54670000	94.871	950.89	0.81101	3.98253E-04	0.81101	0.99911	324.01	324.02	324.01	0
54680000	94.956	950.44	0.81047	4.37011E-04	0.81047	0.99911	324.07	324.08	324.07	0
54690000	95.045	949.93	0.80986	4.79122E-04	0.80986	0.99910	324.14	324.15	324.14	0
54700000	95.135	949.38	0.80920	5.24828E-04	0.80920	0.99910	324.20	324.21	324.20	0
54710000	95.228	948.77	0.80847	5.74385E-04	0.80847	0.99909	324.27	324.28	324.27	0
54720000	95.322	948.10	0.80767	6.28058E-04	0.80767	0.99909	324.34	324.35	324.34	0
54730000	95.417	947.36	0.80680	6.86131E-04	0.80680	0.99908	324.40	324.42	324.40	0
54740000	95.511	946.57	0.80586	7.48894E-04	0.80586	0.99907	324.47	324.48	324.47	0
54750000	95.606	945.70	0.80483	8.16654E-04	0.80483	0.99907	324.54	324.55	324.54	0
54760000	95.699	944.76	0.80372	8.89725E-04	0.80372	0.99906	324.60	324.62	324.60	0
54770000	95.791	943.74	0.80253	9.68431E-04	0.80253	0.99905	324.67	324.68	324.67	0
54780000	95.882	942.65	0.80124	1.05310E-03	0.80124	0.99904	324.73	324.74	324.73	0
54790000	95.971	941.48	0.79986	1.14407E-03	0.79986	0.99903	324.79	324.80	324.79	0
54800000	96.058	940.22	0.79839	1.24166E-03	0.79839	0.99902	324.85	324.86	324.85	0
54810000	96.144	938.87	0.79682	1.34619E-03	0.79682	0.99901	324.91	324.92	324.91	0

54540000	94.064	953.33	0.81396	1.10800E-04	0.81396	0.99913	323.42	323.43	323.42	0
54550000	94.112	953.32	0.81395	1.22766E-04	0.81395	0.99913	323.45	323.46	323.45	0
54560000	94.161	953.30	0.81392	1.35946E-04	0.81392	0.99913	323.49	323.50	323.49	0
54570000	94.211	953.24	0.81385	1.50447E-04	0.81385	0.99913	323.53	323.54	323.53	0
54580000	94.263	953.16	0.81375	1.66388E-04	0.81375	0.99913	323.56	323.57	323.56	0
54590000	94.317	953.05	0.81362	1.83892E-04	0.81362	0.99913	323.60	323.61	323.60	0
54600000	94.375	952.91	0.81344	2.03094E-04	0.81344	0.99913	323.65	323.66	323.65	0
54610000	94.435	952.73	0.81323	2.24135E-04	0.81323	0.99913	323.69	323.70	323.69	0
54620000	94.498	952.52	0.81297	2.47169E-04	0.81297	0.99913	323.74	323.75	323.74	0
54630000	94.565	952.27	0.81268	2.72358E-04	0.81267	0.99912	323.79	323.80	323.79	0
54640000	94.636	951.99	0.81233	2.99872E-04	0.81233	0.99912	323.84	323.85	323.84	0
54650000	94.711	951.66	0.81194	3.29895E-04	0.81194	0.99912	323.89	323.90	323.89	0
54660000	94.789	951.30	0.81150	3.62620E-04	0.81150	0.99911	323.95	323.96	323.95	0
54670000	94.871	950.89	0.81101	3.98253E-04	0.81101	0.99911	324.01	324.02	324.01	0
54680000	94.956	950.44	0.81047	4.37011E-04	0.81047	0.99911	324.07	324.08	324.07	0
54690000	95.045	949.93	0.80986	4.79122E-04	0.80986	0.99910	324.14	324.15	324.14	0
54700000	95.135	949.38	0.80920	5.24828E-04	0.80920	0.99910	324.20	324.21	324.20	0
54710000	95.228	948.77	0.80847	5.74385E-04	0.80847	0.99909	324.27	324.28	324.27	0
54720000	95.322	948.10	0.80767	6.28058E-04	0.80767	0.99909	324.34	324.35	324.34	0
54730000	95.417	947.36	0.80680	6.86131E-04	0.80680	0.99908	324.40	324.42	324.40	0
54740000	95.511	946.57	0.80586	7.48894E-04	0.80586	0.99907	324.47	324.48	324.47	0
54750000	95.606	945.70	0.80483	8.16654E-04	0.80483	0.99907	324.54	324.55	324.54	0
54760000	95.699	944.76	0.80372	8.89725E-04	0.80372	0.99906	324.60	324.62	324.60	0
54770000	95.791	943.74	0.80253	9.68431E-04	0.80253	0.99905	324.67	324.68	324.67	0
54780000	95.882	942.65	0.80124	1.05310E-03	0.80124	0.99904	324.73	324.74	324.73	0
54790000	95.971	941.48	0.79986	1.14407E-03	0.79986	0.99903	324.79	324.80	324.79	0
54800000	96.058	940.22	0.79839	1.24166E-03	0.79839	0.99902	324.85	324.86	324.85	0
54810000	96.144	938.87	0.79682	1.34619E-03	0.79682	0.99901	324.91	324.92	324.91	0
54820000	96.229	937.44	0.79515	1.45797E-03	0.79515	0.99900	324.97	324.98	324.97	0
54830000	96.312	935.93	0.79339	1.57728E-03	0.79339	0.99899	325.02	325.03	325.02	0
54840000	96.394	934.32	0.79152	1.70436E-03	0.79152	0.99898	325.07	325.08	325.07	0
54850000	96.476	932.63	0.78955	1.83941E-03	0.78955	0.99897	325.13	325.14	325.13	0
54860000	96.557	930.84	0.78748	1.98256E-03	0.78748	0.99895	325.18	325.19	325.18	0
54870000	96.638	928.97	0.78531	2.13389E-03	0.78531	0.99894	325.23	325.24	325.23	0
54880000	96.718	927.00	0.78304	2.29335E-03	0.78304	0.99892	325.28	325.29	325.28	0
54890000	96.799	924.95	0.78065	2.46082E-03	0.78065	0.99891	325.33	325.34	325.33	0
54900000	96.879	922.79	0.77817	2.63601E-03	0.77816	0.99889	325.38	325.38	325.38	0
54910000	96.959	920.54	0.77556	2.81852E-03	0.77556	0.99887	325.42	325.43	325.42	0
54920000	97.038	918.18	0.77284	3.00772E-03	0.77283	0.99885	325.47	325.48	325.47	0
54930000	97.117	915.71	0.76997	3.20283E-03	0.76997	0.99883	325.52	325.52	325.52	0
54940000	97.196	913.11	0.76696	3.40279E-03	0.76696	0.99881	325.56	325.57	325.56	0
54950000	97.274	910.36	0.76376	3.60630E-03	0.76376	0.99879	325.60	325.61	325.60	0
C-56	PIPE	COMPONENT								
56010000	97.065	905.39	0.75808	3.93362E-03	0.75808	0.99875	325.43	325.44	325.43	0
56020000	97.179	899.60	0.75123	4.25303E-03	0.75123	0.99871	325.49	325.50	325.49	0
56030000	97.307	892.48	0.74273	4.55177E-03	0.74273	0.99864	325.56	325.57	325.56	0
56040000	97.443	883.34	0.73166	4.81362E-03	0.73167	0.99856	325.64	325.67	325.64	0
56050000	97.582	871.23	0.71688	5.01916E-03	0.71689	0.99845	325.72	325.75	325.72	0
56060000	97.726	855.12	0.69705	5.14739E-03	0.69705	0.99829	325.81	325.82	325.81	0
56070000	97.879	834.06	0.67099	5.17928E-03	0.67099	0.99807	325.91	325.91	325.91	0
56080000	98.038	807.62	0.63814	5.10331E-03	0.63814	0.99777	326.01	326.02	326.01	0
56090000	98.201	776.18	0.59897	4.92093E-03	0.59897	0.99736	326.12	326.13	326.12	0
56100000	98.368	741.07	0.55515	4.64916E-03	0.55515	0.99684	326.23	326.24	326.23	0
56110000	98.548	704.34	0.50923	4.31786E-03	0.50923	0.99620	326.36	326.36	326.36	0
56120000	98.751	668.23	0.46404	3.96251E-03	0.46404	0.99544	326.50	326.51	326.51	0
56130000	98.982	634.70	0.42202	3.61621E-03	0.42201	0.99458	326.66	326.67	326.67	0
56140000	99.225	605.07	0.38484	3.30444E-03	0.38483	0.99367	326.83	326.85	326.85	0
56150000	99.439	580.00	0.35337	3.04353E-03	0.35335	0.99274	326.99	327.00	327.00	0
56160000	99.619	559.72	0.32792	2.84321E-03	0.32790	0.99186	327.11	327.13	327.13	0
56170000	99.874	544.45	0.30869	2.71086E-03	0.30866	0.99109	327.28	327.31	327.31	0
56180000	100.26	534.96	0.29661	2.65995E-03	0.29659	0.99054	327.55	327.58	327.58	0
56190000	100.55	530.58	0.29103	2.68985E-03	0.29101	0.99025	327.75	327.78	327.78	0
56200000	100.64	517.72	0.27500	2.64397E-03	0.27498	0.98945	327.80	327.82	327.82	0
56210000	100.75	510.72	0.26631	2.68678E-03	0.26629	0.98897	327.86	327.88	327.88	0
56220000	100.95	512.90	0.26909	2.86945E-03	0.26907	0.98910	327.98	327.99	327.99	0
56230000	101.20	517.35	0.27473	3.11270E-03	0.27472	0.98937	328.13	328.14	328.14	0
56240000	101.15	522.59	0.28161	3.39906E-03	0.28161	0.98973	328.06	328.07	328.07	0
56250000	101.31	529.48	0.29048	3.73938E-03	0.29045	0.99014	328.12	328.15	328.15	0
56260000	101.72	537.15	0.30017	4.12006E-03	0.30015	0.99055	328.37	328.39	328.39	0
56270000	101.73	541.52	0.30599	4.46668E-03	0.30598	0.99080	328.35	328.36	328.36	0
56280000	101.69	511.67	0.26869	4.15342E-03	0.26869	0.98898	328.29	328.29	328.29	0
56290000	101.75	479.36	0.22814	3.71476E-03	0.22814	0.98633	328.29	328.29	328.29	0
56300000	101.90	455.27	0.19781	3.37179E-03	0.19781	0.98363	328.36	328.36	328.36	0
56310000	102.00	438.36	0.17653	3.12786E-03	0.17653	0.98119	328.40	328.40	328.40	0
56320000	101.96	426.26	0.16139	2.95060E-03	0.16139	0.97910	328.34	328.34	328.34	0
56330000	101.84	417.33	0.15028	2.81611E-03	0.15028	0.97732	328.24	328.24	328.24	0
56340000	101.70	410.70	0.14208	2.71501E-03	0.14209	0.97585	328.12	328.12	328.12	0
56350000	101.55	403.14	0.13269	2.57787E-03	0.13269	0.97394	328.00	328.00	328.00	0
C-58	PIPE	COMPONENT								
58010000	101.32	399.33	0.12814	2.53977E-03	0.12814	0.97296	327.82	327.82	327.82	0
58020000	101.12	396.49	0.12484	2.55613E-03	0.12484	0.97221	327.64	327.64	327.64	0
58030000	100.92	394.21	0.12236	2.65820E-03	0.12236	0.97162	327.44	327.44	327.44	0
58040000	100.73	392.24	0.12050	2.90543E-03	0.12050	0.97117	327.18	327.18	327.18	0
58050000	100.54	390.31	0.11904	3.38502E-03	0.11904	0.97079	326.83	326.83	326.83	0
58060000	100.36	388.19	0.11791	4.21569E-03	0.11791	0.97045	326.34	326.34	326.34	0
58070000	100.18	378.76	0.10806	5.10586E-03	0.10806	0.96743	325.64	325.64	325.64	0
C-60	PIPE	COMPONENT								
60010000	99.761	373.24	0.10489	7.02092E-03	0.10489	0.96627	324.33	324.33	324.33	0
60020000	99.525	365.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

56190000	100.55	530.58	0.29103	2.68985E-03	0.29101	0.99025	327.75	327.78	327.78	0
56200000	100.64	517.72	0.27500	2.64397E-03	0.27499	0.98945	327.80	327.82	327.82	0
56210000	100.75	510.72	0.26631	2.68678E-03	0.26629	0.98897	327.86	327.88	327.88	0
56220000	100.95	512.90	0.26909	2.86945E-03	0.26907	0.98910	327.98	327.99	327.99	0
56230000	101.20	517.35	0.27473	3.11270E-03	0.27472	0.98937	328.13	328.14	328.14	0
56240000	101.15	522.59	0.28161	3.39906E-03	0.28161	0.98973	328.06	328.07	328.07	0
56250000	101.31	529.48	0.29048	3.73938E-03	0.29045	0.99014	328.12	328.15	328.15	0
56260000	101.72	537.15	0.30017	4.12006E-03	0.30015	0.99055	328.37	328.39	328.39	0
56270000	101.73	541.52	0.30599	4.46668E-03	0.30598	0.99080	328.35	328.36	328.36	0
56280000	101.69	511.67	0.26869	4.15342E-03	0.26869	0.98898	328.29	328.29	328.29	0
56290000	101.75	479.36	0.22814	3.71476E-03	0.22814	0.98633	328.29	328.29	328.29	0
56300000	101.90	455.27	0.19781	3.37179E-03	0.19781	0.98363	328.36	328.36	328.36	0
56310000	102.00	438.36	0.17653	3.12786E-03	0.17653	0.98119	328.40	328.40	328.40	0
56320000	101.96	426.26	0.16139	2.95060E-03	0.16139	0.97910	328.34	328.34	328.34	0
56330000	101.84	417.33	0.15028	2.81611E-03	0.15028	0.97732	328.24	328.24	328.24	0
56340000	101.70	410.70	0.14208	2.71501E-03	0.14209	0.97585	328.12	328.12	328.12	0
56350000	101.55	403.14	0.13269	2.57787E-03	0.13269	0.97394	328.00	328.00	328.00	0
C-58	PIPE	COMPONENT								
58010000	101.32	399.33	0.12814	2.53977E-03	0.12814	0.97296	327.82	327.82	327.82	0
58020000	101.12	396.49	0.12484	2.55613E-03	0.12484	0.97221	327.64	327.64	327.64	0
58030000	100.92	394.21	0.12236	2.65820E-03	0.12236	0.97162	327.44	327.44	327.44	0
58040000	100.73	392.24	0.12050	2.90543E-03	0.12050	0.97117	327.18	327.18	327.18	0
58050000	100.54	390.31	0.11904	3.38502E-03	0.11904	0.97079	326.83	326.83	326.83	0
58060000	100.36	388.19	0.11791	4.21569E-03	0.11791	0.97045	326.34	326.34	326.34	0
58070000	100.18	378.76	0.10806	5.10586E-03	0.10806	0.96743	325.64	325.64	325.64	0
C-60	PIPE	COMPONENT								
60010000	99.761	373.24	0.10489	7.02092E-03	0.10489	0.96627	324.33	324.33	324.33	0
60020000	99.525	365.12	9.95507E-02	9.48609E-03	9.95527E-02	0.96404	322.68	322.68	322.68	0
60030000	99.275	353.95	9.13978E-02	1.21555E-02	9.14000E-02	0.96018	320.44	320.44	320.44	0
C-62	PIPE	COMPONENT								
62010000	98.991	342.50	8.28635E-02	1.44210E-02	8.28660E-02	0.95533	317.87	317.87	317.87	0
62020000	98.587	328.34	7.06175E-02	1.56306E-02	7.06199E-02	0.94661	314.70	314.70	314.70	0
C-64	SNGLVOL	COMPONENT								
64010000	97.500	309.41	5.81028E-02	1.79746E-02	5.81038E-02	0.93353	308.02	308.02	308.02	10
C-66	SNGLVOL	COMPONENT								
66010000	95.818	293.85	4.78331E-02	1.83485E-02	4.78336E-02	0.91851	301.20	301.20	301.20	10
C-68	SNGLVOL	COMPONENT								
68010000	93.339	290.03	5.85103E-02	2.55863E-02	5.85175E-02	0.93317	294.94	294.93	294.93	10
C-69	BRANCH	COMPONENT								
69010000	79.283	258.44	6.24965E-02	3.67533E-02	6.25065E-02	0.94208	269.29	269.28	269.29	10
C-70	BRANCH	COMPONENT								
70010000	70.421	133.29	2.43890E-02	2.26782E-02	2.38056E-02	0.84234	162.70	180.23	163.34	10
C-71	SNGLVOL	COMPONENT								
71010000	95.234	91.615	4.19160E-03	4.10890E-03	4.15999E-03	0.38040	123.29	141.07	123.34	10
C-73	BRANCH	COMPONENT								
73010000	15.149	88.008	6.62840E-05	6.16147E-05	6.64599E-05	5.69076E-02	120.04	118.86	120.04	0
C-75	SNGLVOL	COMPONENT								
75010000	12.288	88.455	3.18963E-03	2.89788E-03	3.18682E-03	0.78464	119.99	120.29	119.99	0
C-76	PIPE	COMPONENT								
76010000	248.62	956.55	0.80442	0.00000	0.78514	0.99740	400.48	367.46	400.48	10
76020000	192.75	942.91	0.78991	0.00000	0.77638	0.99784	378.72	352.97	378.72	10
76030000	169.08	935.21	0.77938	0.00000	0.77111	0.99802	367.98	351.36	367.99	10
76040000	152.99	929.64	0.77284	0.00000	0.76761	0.99816	359.99	349.07	359.99	0
C-79	SNGLVOL	COMPONENT								
79010000	2716.3	1010.8	1.0000	0.00000	0.99742	1.0000	680.43	680.29	680.43	0
C-81	SNGLVOL	COMPONENT								
81010000	2716.5	1010.7	1.0000	0.00000	0.99707	1.0000	680.44	680.28	680.44	0
C-83	PIPE	COMPONENT								
83010000	2723.7	1015.2	1.0000	0.00000	1.0000	1.0000	682.00	682.00	682.00	0
83020000	2723.6	1010.8	1.0000	0.00000	0.99994	1.0000	680.83	680.82	680.83	0
C-85	PIPE	COMPONENT								
85010000	2724.9	1010.7	1.0000	0.00000	1.0000	1.0000	680.90	680.90	680.90	0
85020000	2725.0	1015.2	1.0000	0.00000	1.0000	1.0000	682.11	682.11	682.11	0
C-87	PIPE	COMPONENT								
87010000	2718.1	1010.5	0.99999	0.00000	0.99664	1.0000	680.52	680.35	680.52	0
C-89	SNGLVOL	COMPONENT								
89010000	2719.6	1010.4	0.99999	0.00000	0.99692	1.0000	680.61	680.44	680.61	0
C-91	PIPE	COMPONENT								
91010000	2720.6	1010.0	1.0000	0.00000	0.99573	1.0000	680.66	680.44	680.66	0
91020000	2720.2	1010.1	0.99999	0.00000	0.99616	1.0000	680.64	680.44	680.64	0
91030000	2719.9	1010.3	0.99999	0.00000	0.99660	1.0000	680.62	680.44	680.62	0
C-93	SNGLVOL	COMPONENT								
93010000	16.228	256.41	0.97246	0.87266	0.97246	0.99996	134.59	134.59	134.59	0
C-95	SNGLVOL	COMPONENT								
95010000	167.16	934.57	0.77070	0.00000	0.77070	0.99801	367.06	367.06	367.06	0
C-96	SNGLVOL	COMPONENT								
96010000	214.93	952.30	0.78475	0.00000	0.78476	0.99763	387.88	387.89	387.88	0
C-97	BRANCH	COMPONENT								
97010000	154.81	929.90	0.76933	0.00000	0.76751	0.99813	360.93	357.12	360.93	0
C-99	SNGLVOL	COMPONENT								
99010000	2714.7	1011.1	0.99999	0.00000	0.99791	0.99999	680.34	680.23	680.34	0
C-101	SNGLVOL	COMPONENT								
101010000	2714.9	1011.0	0.99999	0.00000	0.99755	0.99999	680.35	680.22	680.35	0
C-103	PIPE	COMPONENT								
103010000	2716.3	1010.8	0.99999	0.00000	0.99744	0.99999	680.43	680.29	680.43	0
103020000	2716.2	1010.9	0.99999	0.00000	0.99772	0.99999	680.42	680.30	680.42	0
C-105	PIPE	COMPONENT								
105010000	2717.9	1010.6	0.99999	0.00000	0.99712	1.0000	680.51	680.36	680.51	0

C-85	PIPE	COMPONENT								
85010000	2724.9	1010.7	1.0000	0.00000	1.0000	1.0000	680.90	680.90	680.90	0
85020000	2725.0	1015.2	1.0000	0.00000	1.0000	1.0000	682.11	682.11	682.11	0
C-87	PIPE	COMPONENT								
87010000	2718.1	1010.5	0.99999	0.00000	0.99664	1.0000	680.52	680.35	680.52	0
C-89	SNGLVOL	COMPONENT								
89010000	2719.6	1010.4	0.99999	0.00000	0.99692	1.0000	680.61	680.44	680.61	0
C-91	PIPE	COMPONENT								
91010000	2720.6	1010.0	1.0000	0.00000	0.99573	1.0000	680.66	680.44	680.66	0
91020000	2720.2	1010.1	0.99999	0.00000	0.99616	1.0000	680.64	680.44	680.64	0
91030000	2719.9	1010.3	0.99999	0.00000	0.99660	1.0000	680.62	680.44	680.62	0
C-93	SNGLVOL	COMPONENT								
93010000	16.228	256.41	0.97246	0.87266	0.97246	0.99936	134.59	134.59	134.59	0
C-95	SNGLVOL	COMPONENT								
95010000	167.16	934.57	0.77070	0.00000	0.77070	0.99801	367.06	367.06	367.06	0
C-96	SNGLVOL	COMPONENT								
96010000	214.93	952.30	0.78475	0.00000	0.78476	0.99763	387.88	387.89	387.88	0
C-97	BRANCH	COMPONENT								
97010000	154.81	929.90	0.76933	0.00000	0.76751	0.99813	360.93	357.12	360.93	0
C-99	SNGLVOL	COMPONENT								
99010000	2714.7	1011.1	0.99999	0.00000	0.99791	0.99999	680.34	680.23	680.34	0
C-101	SNGLVOL	COMPONENT								
101010000	2714.9	1011.0	0.99999	0.00000	0.99755	0.99999	680.35	680.22	680.35	0
C-103	PIPE	COMPONENT								
103010000	2716.3	1010.8	0.99999	0.00000	0.99744	0.99999	680.43	680.29	680.43	0
103020000	2716.2	1010.9	0.99999	0.00000	0.99772	0.99999	680.42	680.30	680.42	0
C-105	PIPE	COMPONENT								
105010000	2717.9	1010.6	0.99999	0.00000	0.99712	1.0000	680.51	680.36	680.51	0
105020000	2717.7	1010.8	0.99999	0.00000	0.99758	0.99999	680.50	680.37	680.50	0
C-107	SNGLVOL	COMPONENT								
107010000	2718.1	1010.5	0.99999	0.00000	0.99664	1.0000	680.52	680.35	680.52	0
C-109	SNGLVOL	COMPONENT								
109010000	2719.6	1010.4	0.99999	0.00000	0.99692	1.0000	680.61	680.44	680.61	0
C-111	PIPE	COMPONENT								
111010000	2720.6	1010.0	1.0000	0.00000	0.99573	1.0000	680.66	680.44	680.66	0
111020000	2720.2	1010.1	0.99999	0.00000	0.99615	1.0000	680.64	680.44	680.64	0
111030000	2719.9	1010.3	0.99999	0.00000	0.99660	1.0000	680.62	680.44	680.62	0
C-113	TMDPVOL	COMPONENT								
113010000	2731.9	1009.9	1.0000	0.00000	1.0000	1.0000	681.28	681.28	681.28	0
C-114	PIPE	COMPONENT								
114010000	160.46	943.63	0.78390	3.40173E-08	0.78390	0.99823	363.78	363.78	363.78	0
114020000	160.41	943.66	0.78394	4.24546E-08	0.78394	0.99823	363.76	363.76	363.76	0
114030000	160.38	943.69	0.78399	5.29549E-08	0.78399	0.99823	363.74	363.74	363.74	0
C-136	SNGLVOL	COMPONENT								
136010000	170.59	934.97	0.77216	0.00000	0.77046	0.99797	368.70	365.27	368.70	0
V-CASE	SNGLVOL	COMPONENT								
178010000	2032.3	996.04	0.82355	0.00000	0.82355	0.97080	638.08	638.08	638.08	11
C-193	SNGLVOL	COMPONENT								
193010000	16.011	248.13	0.94953	0.85675	0.94953	0.99994	132.33	132.33	132.33	0
C-195	PIPE	COMPONENT								
195010000	134.83	926.19	0.76780	1.49957E-08	0.76780	0.99837	350.13	350.13	350.13	0
195020000	131.38	927.58	0.77050	1.58231E-08	0.77050	0.99843	348.14	348.14	348.14	0
V-CASE	SNGLVOL	COMPONENT								
198010000	2032.2	995.75	0.82283	0.00000	0.82283	0.97067	638.07	638.07	638.07	11

VOL.NO.	RHO (LB/FT3)	RHOF (LB/FT3)	RHOG (LB/FT3)	VOLUME (FT3)	UF (BTU/LB)	UG (BTU/LB)	SOUNDE (FT/SEC)	HEAT INPUT (BTU/SEC)	VAPOR GEN. (LB/FT3-SEC)
1010000	9.1662	32.676	9.1662	0.00000	746.23	1009.9	1068.1	0.00000	10.976
36010000	0.75070	53.428	0.60334	0.14070	380.13	1100.1	1357.2	0.00000	-21.882
36020000	0.60539	54.203	0.47614	0.14070	359.77	1105.1	1347.4	0.00000	-12.807
36030000	0.54849	54.529	0.42652	0.14070	350.97	1108.2	1342.3	0.00000	-7.0816
38010000	0.60128	54.107	0.47367	0.35072	362.30	1114.5	1358.2	0.00000	1.04699E-02
38020000	0.60115	54.108	0.47366	0.35072	362.30	1114.5	1358.3	0.00000	1.73531E-03
38030000	0.60103	54.108	0.47365	0.35072	362.29	1114.5	1358.5	0.00000	3.28621E-04
38040000	0.60092	54.108	0.47364	0.35072	362.29	1114.5	1358.6	0.00000	1.25228E-03
38050000	0.60082	54.108	0.47364	0.35072	362.29	1114.5	1358.7	0.00000	2.25147E-04
38060000	0.60075	54.108	0.47363	0.35072	362.29	1114.5	1358.8	0.00000	2.26565E-04
38070000	0.60072	54.108	0.47362	0.35072	362.29	1114.5	1358.8	0.00000	3.57574E-04
40010000	0.60216	54.104	0.47415	0.21862	362.39	1114.5	1357.8	0.00000	6.41943E-02
42010000	0.63095	54.108	0.47361	0.32880	362.29	1114.5	1321.2	0.00000	2.53765E-03
44010000	0.35092	55.932	0.26963	0.16683	311.28	1103.0	1324.9	0.00000	-6.1969
46010000	0.44761	55.102	0.35117	0.20824	335.11	1111.1	1351.2	0.00000	4.6381
46020000	0.45210	55.069	0.35493	0.35620	336.04	1111.2	1351.9	0.00000	8.26542E-02
46030000	0.45214	55.068	0.35499	0.35620	336.06	1111.2	1351.9	0.00000	4.50180E-03
48010000	0.28182	56.359	0.22676	0.27948	298.61	1105.2	1359.3	0.00000	4.3161
48020000	0.27432	56.434	0.22049	0.27948	296.35	1104.6	1357.5	0.00000	-0.17527
48030000	0.27362	56.439	0.21991	0.27948	296.18	1104.7	1357.5	0.00000	-7.51417E-03
48040000	0.27356	56.439	0.21991	0.27948	296.19	1104.7	1357.7	0.00000	2.38269E-02
48050000	0.27357	56.439	0.21997	0.27948	296.21	1104.7	1357.9	0.00000	6.79843E-02
48060000	0.27357	56.438	0.22002	0.27948	296.23	1104.7	1358.1	0.00000	7.08470E-02
48070000	0.27356	56.437	0.22007	0.27948	296.24	1104.7	1358.2	0.00000	6.85485E-02
48080000	0.27354	56.437	0.22010	0.27948	296.25	1104.7	1358.4	0.00000	6.66954E-02
48090000	0.27352	56.437	0.22013	0.27948	296.26	1104.7	1358.6	0.00000	6.50829E-02
50010000	0.27134	56.456	0.21848	0.28824	295.67	1104.6	1358.7	0.00000	0.13772
50020000	0.27112	56.458	0.21834	0.28824	295.62	1104.6	1358.8	0.00000	5.88653E-02
50030000	0.27106	56.458	0.21833	0.28824	295.62	1104.6	1358.9	0.00000	5.80353E-02
50040000	0.27100	56.458	0.21832	0.28824	295.62	1104.6	1359.1	0.00000	5.73251E-02
50050000	0.27092	56.458	0.21830	0.28824	295.61	1104.6	1359.2	0.00000	5.55435E-02