Appendix A. Results and Calculations

Spreadsheet Printouts

General Calculations

Mercury Specific Calculations and Examples

Bypass Flow Calculations

Data Tracking Logs

FOSSIL ENERGY RESEARCH CORP.

ISOKINETIC TEST DATA SUMMARY

Test Program Information				
Client	SRP	*Data input by*	MDM	
Plant/Unit	Coronado 1	*Method*	Ontario Hydro	
Sample Location	APH B Exit	*Stack Area, ft^2*	240.0	
Fuel	Coal	*Sample Train ID*	1-FERCo	
F_D, dscf/MMBtu	9780	*Meter factor, Y_D*	1.001	
F_C, dscf CO_2/MMBtu	1800	*Ref Temp, F*	68	
Pre-test Information				
Test Number	1-Inlet	2-Inlet	3-Inlet	Average
Test Date, 1999	18-Oct	19-Oct	19-Oct	
Pitot Factor, C_p	0.84	0.84	0.84	-
Barometric Pressure, in Hg	24.50	24.70	24.70	-
Sample Time, min	150	150	150	-
Nozzle Diameter, in	0.187	0.187	0.187	-
Sample Train Data				
Meter Volume, acf	65.125	61.419	59.101	-
Orifice k factor	0.561	0.573	0.569	0.57
Static Pressure, iwg	-15	-15	-15	-15
ΔP, iwg	0.5853	0.5701	0.5829	0.5794
ΔH, iwg	0.60	0.51	0.48	0.53
Meter Temp, F	78.2	65.0	80.0	74.4
Stack Temp, F	276.4	275.3	289.2	280.3
Water collected, g	124.2	114.8	115.9	118.3
O_2, %	4.94	4.27	3.97	4.39
CO_2, %	14.05	14.64	14.91	14.54
Start time/stop time	1410/1658	0809/1103	1216/1456	
Sample Train Results				
Std Sample Vol, dscf	52.460	51.118	47.818	50.465
Std Sample Vol, m^3	1.485	1.448	1.354	1.429
Std Moisture Vol, dscf	5.862	5.419	5.470	-
Moisture, %	10.05%	9.58%	10.27%	9.97%
Dry Molecular Weight	30.45	30.51	30.54	-
Wet Molecular Weight	29.20	29.31	29.26	29.26
Inlet Gas Velocity, ft/s	56.93	55.79	57.00	56.58
One Duct Pitot Traverse Flow, wacfm	819,818	803,427	820,854	814,700
One Duct Pitot Traverse Flow, dscfm	413,718	411,649	409,663	411,677
Pitot Traverse x 2, dscfm	827,435	823,298	819,326	823,353
Isokinetic Ratio, %	106.40	104.20	97.94	-
Mercury catch, ug				
Particulate	0.07	0.07	0.07	
Oxidized	1.30	1.10	1.40	
Elemental	2.90	2.50	2.40	
Total	4.20	3.60	3.80	3.87
Mercury catch, ug/m^3				
Particulate	0.047	0.048	0.052	0.05
Oxidized	0.875	0.760	1.034	0.89
Elemental	1.952	1.727	1.772	1.82
Total	2.827	2.487	2.806	2.71
Mercury catch, lb/10^{12} Btu				
Particulate	0.038	0.037	0.039	0.038
Oxidized	0.698	0.582	0.778	0.686
Elemental	1.558	1.322	1.333	1.404
Total	2.256	1.904	2.111	2.090
Mercury, lb/hr				
Particulate	0.00015	0.00015	0.00016	0.00015
Oxidized	0.0027	0.0023	0.0032	0.0027
Elemental	0.0060	0.0053	0.0054	0.0056
Total	0.0087	0.0077	0.0086	0.0083

Note: shaded values are not detects. Calculations are shown at detection levels.

FOSSIL ENERGY RESEARCH CORP.

ISOKINETIC TEST DATA SUMMARY

Test Program Information				
Client	SRP	*Data input by*	MDM	
Plant/Unit	Coronado 1	*Method*	Ontario Hydro	
Sample Location	Scrubber B Outlet	*Stack Area, ft^2*	156.0	
Fuel	Coal	*Sample Train ID*	3-WCS	
F_D, dscf/MMBtu	9780	*Meter factor, Y_D*	0.98	
F_C, dscf CO_2/MMBtu	1800	*Ref Temp, F*	68	
Pre-test Information				
Test Number	1-Outlet	2-Outlet	3-Outlet	Average
Test Date, 1999	18-Oct	19-Oct	19-Oct	
Pitot Factor, C_p	0.84	0.84	0.84	-
Barometric Pressure, in Hg	24.50	24.70	24.70	-
Sample Time, min	150	150	150	-
Nozzle Diameter, in	0.225	0.184	0.184	-
Sample Train Data				
Meter Volume, acf	121.253	71.077	73.101	-
Static Pressure, iwg	0.80	0.80	0.80	0.80
ΔP, iwg	0.8000	0.6740	0.6663	0.7134
ΔH, iwg	1.88	0.64	0.64	1.05
Meter Temp, F	78.3	64.8	76.7	73.3
Stack Temp, F	119.3	117.0	119.5	118.6
Water collected, g	340.4	187.4	225.2	251.0
O_2, %	5.71	5.42	5.39	5.51
CO_2, %	13.38	13.63	13.66	13.56
Start time/stop time	1410/1657	0811/1052	1219/1502	
Sample Train Results				
Std Sample Vol, dscf	95.972	57.960	58.288	70.740
Std Sample Vol, m^3	2.718	1.641	1.651	2.003
Std Moisture Vol, dscf	16.067	8.845	10.629	-
Measured Moisture, %	14.34%	13.24%	15.42%	14.33%
Saturation Moisture, %	13.7%	12.9%	13.80%	13.47%
Dry Molecular Weight	30.37	30.40	30.40	-
Wet Molecular Weight	28.67	28.80	28.69	28.72
Outlet Gas Velocity, ft/s	58.16	52.95	52.86	54.66
Outlet Gas Flow, wacfm	544,385	495,593	494,758	511,579
Outlet Gas Flow, dscfm	351,474	326,866	321,550	333,297
Isokinetic Ratio, %	102.9	99.9	102.1	-
Mercury catch, ug				
Particulate	0.07	0.12	0.16	
Oxidized	0.10	0.10	0.19	
Elemental	8.20	2.60	4.40	
Total	8.30	2.72	4.75	5.26
Mercury catch, ug/m^3				
Particulate	0.026	0.073	0.097	0.061
Oxidized	0.037	0.061	0.115	0.061
Elemental	3.017	1.584	2.666	2.422
Total	3.054	1.657	2.878	2.530
Mercury catch, lb/10^{12} Btu				
Particulate	0.022	0.060	0.080	0.050
Oxidized	0.031	0.050	0.095	0.050
Elemental	2.529	1.303	2.189	2.007
Total	2.560	1.363	2.363	2.095
Mercury, lb/hr				
Particulate	0.00003	0.00009	0.00012	0.00007
Oxidized	0.00005	0.00007	0.00014	0.00007
Elemental	0.00396	0.00194	0.00320	0.00303
Total	0.00401	0.00202	0.00346	0.00317

Note: shaded values are not detects. Calculations are shown at detection levels.

EMISSION CALCULATIONS

1. <u>Sample Volume and Isokinetics</u>

   a. Sample gas volume, dscf

   $V_{m\ std} = 0.03342 V_m\ [P_{bar} + (H/13.6)](T_{ref}/T_m)(Y)$

   b. Water vapor volume, scf

   $V_{w\ std} = 0.0472\ V_{lc}\ (T_{ref}/528°R)$

   c. Moisture content, nondimensional

   $B_{wo} = V_{w\ std}/(V_{m\ std} + V_{w\ std})$

   d. Stack gas molecular weight, lb/lb mole

   $MW_{dry} = 0.44(\%\ CO_2) + 0.32(\%\ O_2) + 0.28\ (\%\ N_2)$

   $MW_{wet} = MW_{dry}\ (1 - B_{wo}) + 18\ (B_{wo})$

   e. Absolute stack pressure, iwg

   $Ps = P_{bar} + P_{sg}/13.6$

   f. Stack velocity, ft/sec

$$V_s = 2.90\ C_p \sqrt{\Delta PTs}\ \sqrt{\frac{29.92}{Ps} \times \frac{28.95}{MW_{wet}}}$$

   g. Actual stack gas flow rate, wacfm

   $Q = (V_s)(A_s)(60)$

   h. Standard stack gas flow, dscfm

   $Q_{sd} = Q(1 - B_{wo})\ (T_{ref}/Ts)(Ps/29.92)$

   i. Percent isokinetic

$$I = \frac{17.32 \times T_s\ (V_{m\ std})}{(1 - B_{wo})\ \theta \times V_s \times Ps \times Dn^2} \times \frac{528°R}{T_{ref}}$$

2. <u>Particulate Emissions</u>

   a. Grain loading, gr/dscf

   $C = 0.01543\ (M_n/V_{m\ std})$

   b. Grain loading at 12% CO_2, gr/dscf

   $C_{(12\%\ CO2)} = C\ (12/\%CO_2)$

c. Mass emissions, lb/hr

$M = C \times Qsd \times (60\ min/hr)/(7000\ gr/lb)$

3. Gaseous Emissions, lb/hr

$$M = ppm \times 10^{-6} \quad \frac{MW_i\ lb/lb\ mole}{SV} \quad X\ Qsd\ X\ 60\ min/hr$$

where SV = specific molar volume of an ideal gas:

385.3 ft^3/lb mole for $T_{ref} = 528°R$

379.5 ft^3/lb mole for $T_{ref} = 520°R$

4. Emissions Rates, lb/10^6 Btu

a. Fuel factor at 68°F, dscf/10^6 Btu at 0% O_2

$$F_{68} = \frac{10^6[3.64(\%H) + 1.53(\%C) + 0.14(\%N) + 0.57(\%S) - 0.46(\%O_2, fuel)]}{HHV,\ Btu/lb}$$

b. Fuel factor at 60°F

$F_{60} = F_{68}\ (520°R/528°R)$

c. Gaseous emission factor

$$lb/10^6\ Btu_i = ppm_i \times 10^{-6} \times \frac{MW_i\ lb}{lb\ mole} \times \frac{1}{SV} \times F \times \frac{20.9}{20.9 - \%O_2}$$

d. Particulate emission factor

$$lb/10^6\ Btu = C \times \frac{1\ lb}{7000\ gr} \times F \times \frac{20.9}{20.9 - \%O_2}$$

These calculations are routinely performed on FERCo's computer.

Nomenclature:

A_s	=	stack area, ft^2
B_{wo}	=	flue gas moisture content
$C_{12\%CO2}$	=	particulate grain loading, gr/dscf corrected to 12% CO_2
C	=	particulate grain loading, gr/dscf
C_p	=	pitot calibration factor, dimensionless
Dn	=	nozzle diameter, in.
F	=	fuel F factor, dscf/10^6 Btu at 0% O_2
H	=	orifice pressure differential, iwg
I	=	% isokinetics
M_n	=	mass of collected particulate, mg
M_i	=	mass of emissions species i, lb/hr
MW	=	molecular weight of flue gas
MW_i	=	molecular weight of species i:
		NO_x: 64
		CO: 28
		SO_2: 64
		HC: 16
Σ	=	sample time, min.
ΔP	=	average velocity head, iwg = $\left(\overline{\sqrt{\Delta P}}\right)^2$
P_{bar}	=	barometric pressure, in. Hg
Ps	=	stack absolute pressure, in. Hg
Psg	=	stack static pressure, iwg
Q	=	wet stack gas flow rate at actual conditions, wacfm
qsd	=	dry stack gas flow rate at standard conditions, dscfm
SV	=	specific molar volume of an ideal gas at std conditions, ft^3/lb mole
Tm	=	meter temperature, °R
T_{ref}	=	reference temperature, °R
Ts	=	stack temperature, °R
V_s	=	stack velocity, ft/sec
V_{lc}	=	volume of liquid collected in impingers, ml
V_m	=	dry meter volume uncorrected, dcf
$V_{m\ std}$	=	dry meter volume at standard conditions, dscf
$V_{w\ std}$	=	volume of water vapor at standard conditions, scf
Y	=	meter calibration coefficient

FOSSIL ENERGY RESEARCH CORP.

23342 C SOUTH POINTE, LAGUNA HILLS, CA 92653 (714) 859-4466

Date _____ Operator _____

Sampling train _____ Checked by _____

Site _____ Used for runs _____

1. C_p (for S-type pitots) = _____
2. P_b (barometric pressure at location) = _____
3. D_n (nozzle diameter inches) = _____
4. B_w (moisture in gas stream, percent) = _____
5. P_m (barometric pressure at meter, in Hg) $= \frac{\text{AVG } \Delta H}{13.6} + P_b$ = _____
6. $\Delta H@$ (pressure differential of orifice in meterbox, H_2O) = _____
7. P_s (stack pressure, in Hg) $= P_b \pm \frac{\text{stack static pressure } (H_2O)}{13.6}$ = _____
8. T_s (average stack temperature, °R) = _____ °F + 460 = _____ °R
9. T_m (average meter temperature, °R = ambient + 20°F + 460 = _____ °R
10. M_d (molecular weight of stack gas, dry, lb/lb mole)
    $= (0.44 \times \% CO_2) + (0.32 \times \% O_2) + [0.28 + \% N_2]$
    $= (0.44 \times$ _____ $) + (0.32 \times$ _____ $) + (0.28 +$ _____ $)$ = _____
11. M_s (molecular weight of stack gas with water vapor, lb/lb mole)
    $= [M_d \times (1-B_w)] + [18 \times B_w]$
    $= [$ _____ $\times (1 -$ _____ $)] + [18 \times$ _____ $]$ = _____
12. $K = (846.72)\,(D_n^4)\,(\Delta H@)\,(C_p^2)\,(1-B_w)^2 \left[\frac{M_d}{M_s}\right]\left[\frac{P_s}{P_m}\right]\left[\frac{T_m}{T_s}\right]$

    K = (846.72) (_____)^4 (_____) (_____)^2 (_____)^2 (_____) (_____) (_____)
    K = _____

$\Delta H = K\Delta P$
Correlation Chart

ΔH	ΔP

K-Factor Calculation Form

Calculations to determine mercury as lb/10^{12} Btu in fuel												
Mercury	=	Mercury	x	1.E-06	x	(1-H_2O)	/	HHV	*	1.E+12		
lb/10^{12} Btu		ppm dry						lb/Btu				
Example, Coronado 1 Test 3												
3.5	=	0.04	x	1.E-06	x	0.8647	/	9881	*	1.E+12		
lb/10^{12} Btu		ppm dry						lb/Btu				
Calculations to determine mercury as lb/hr in fuel												
Mercury	=	Mercury	x	1.E-06	x	(1-H_2O)	x	coal flow				
lb/hr		ppm dry						lb/hr as-fired				
Example, Coronado 1 Test 3												
0.014	=	0.04	x	1.E-06	x	0.8647	x	415400				
lb/hr		ppm dry						lb/hr as-fired				
Calculations to determine gas flow rates from fuel input												
Oxygen based												
Flow	=	fuel flow	x	HHV	x	Fd-factor	x	20.9/(20.9-O_2)	/	60	/	1,000,000
dscfm		lb/hr		Btu/lb		dscf/mmBtu				min/hr		
Example, Coronado 1 Test 3 Inlet												
813,979	=	415400	x	9738	x	9780	x	1.234	/	60	/	1,000,000
dscfm		lb/hr		Btu/lb		dscf/mmBtu				min/hr		

Calculations to determine mercury as lb/10^{12} Btu in gas												
Mercury	=	Mercury	/	Sample vol	x	2.20.E-09	x	9780	*	20.9/(20.9-O_2)	*	1.E+06
lb/10^{12} Btu		ug/sample		dscf		lb/ug		f-factor		dilution		10^{12}/10^{6}
								dscf/10^{6} Btu		correciton		
Example, Coronado 1 Test 3 Outlet Total Mercury												
2.366	=	4.75	/	58.29	x	2.20.E-09	x	9780	x	1.348	*	1.E+06
lb/10^{12} Btu		ug/sample		dscf		lb/ug		f-factor		dilution		10^{12}/10^{6}
								dscf/10^{6} Btu		correction		
Calculations to determine mercury as lb/hr Btu in gas												
Mercury	=	Mercury	/	Sample vol	x	2.20.E-09	x	Gas flow	x	60		
lb/hr		ug/sample		dscf		lb/ug		dscfm		min/hr		
Example, Coronado 1 Test 3 Outlet Total Mercury												
3.46E-03	=	4.75	/	58.29	x	2.20.E-09	x	321550	x	60		
lb/hr		ug/sample		dscf		lb/ug		dscfm		min/hr		

Worksheet for bypass calculations				
Coronado Unit 1 Mercury ICR Tests				
	Run 1	Run 2	Run 3	Average
By Gas Flow Measurement				
Outlet flow,kdscfm	351	327	322	333
Stack flow, kwscfm	926	915	917	919
Stack flow, kdscfm	815	812	803	810
Outlet moisture (includes liquid droplets)	14.3%	13.2%	15.4%	14.3%
Inlet moisture	10.1%	9.6%	10.3%	10.0%
Stack moisture (calculated)	11.9%	11.2%	12.5%	11.8%
Bypass %	57%	60%	60%	59%
Heat and Mass Balance (presented as a check)				
Outlet temperature	119	117	120	119
Inlet temperature	276	275	289	280
Stack temperature	215	216	229	220
Cp for dry flue gas, Btu/lb-R	0.246	0.246	0.247	0.246
Enhalpy of dry flue gas, Btu/lb, 32 F ref				
Outlet	21.49	20.95	21.58	21.34
Inlet	60.17	59.97	63.43	61.19
Stack	45.06	45.28	48.48	46.27
lb water vapor/lb gas				
outlet vapor	0.0860	0.0806	0.0866	0.0844
outlet liquid water	0.0040	0.0021	0.0102	0.0054
inlet	0.0620	0.0588	0.0632	0.0613
stack	0.0738	0.0710	0.0798	0.0748
Enthalpy of water, Btu/lb water, 32 F ref				
outlet vapor	1113	1110	1114	1112
outlet liquid water	87	85	88	87
inlet	1179	1181	1187	1182
stack	1156	1157	1162	1158
Enthalpy of water, Btu/lb gas, 32 F ref				
outlet vapor	95.7	89.5	96.4	93.9
outlet liquid water	0.3	0.2	0.9	0.5
inlet	73.1	69.5	75.0	72.5
stack	85.4	82.1	92.7	86.7
Enthalpy of gas, Btu/lb				
Outlet	29.73	28.16	29.93	29.27
Inlet	64.70	64.06	68.16	65.64
Stack	51.36	51.11	55.88	52.76
Bypass based on temperature, %	61%	62%	64%	63%
Bypass based on enthalpy, %	62%	64%	68%	65%

Data Tracking Log

Test Unit: Coronado
Test Dates: 10/18-10/19/99

Revised lab data

	By	Date		
Mercury Gas Data				
Data taken	MM	10/19		
Data reduced	MM	10/19		
Entered in spreadsheet	MM	10/19		
Field custody taken	MM/AB	10/19		
Lab data received	MM	12/20	MM	2/21
Lab data entered	MM	12/20	MM	2/28
Results prepared/summarized	MM	12/20	MM	2/29
Results entered in report	MM	12/20	MM	2/29
Coal sample data				
Lab data received	MM	1/11		
Lab data entered	MM	1/11		
Results prepared/summarized	MM	1/11		
Results entered in report	MM	1/11		

Appendix B. Raw Field Data and Calibration Data Sheets

Sampling Data

Velocity Traverses

O_2 Meter Calibration

O_2 Meter Gas Certificates

Dry Gas Meter Calibration

Pitot Probe Calibration

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado Unit 1 UNIT 1 TEST NO. Test-F13 METHOD 011 PAGE ____ OF ____
SAMPLE LOCATION Scrubber Inlet TEST CONDITION ____ AMBIENT TEMPERATURE ____
OPERATOR/ASSISTANT RA / JB METER VOLUME START/END ____ / ____ DATE 10/19/99

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No.
Assumed Stack Pressure, iwg	Meter Yd
Assumed Moisture, %	ΔH @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N)
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material
ΔH = ____ x ΔP	Nozzle diameter, in.
	Filter No. QT-45
	Filter material quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	694.7	-	641.6	=	
2	KCl	✓	-	609.5	=	
3	KCl	✓	-	659.4	=	
4	KMnO4/H2O2	✓	-	584.1	=	
5	KMnO4/H2SO4	✓	-	643.7	=	
6	KMnO4/H2SO4	✓	-	582.3	=	
7	KMnO4/H2SO4	✓	-	660.8	=	
8	SG	✓	-	788.4	=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	0.0	17		RA
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F: STACK	PROBE	FILTER	METER in	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
															Impingers Loaded JB
															Impingers Recovered
															Filter Loaded JB
															Filter Recovered
															Probe Wash
															TEST AVERAGES/TOTALS
															Calculated by:
															Checked by:
															Δ P, iwg
															Δ H, iwg
															Sample vol, acf
															Stack temp, F
															Meter temp, F
															Static press, iwg
															Water collected, g
															O_2, %
															Sample time, min

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Granado UNIT 1 TEST NO. 1-Inlet-Hg METHOD OH PAGE 1 OF 2
SAMPLE LOCATION Scrubber Inlet B Duct TEST CONDITION AMBIENT TEMPERATURE 65
OPERATOR/ASSISTANT PA/JB METER VOLUME START/END 935.27 / 1001.295 DATE 10/18/99

PRE-TEST DATA:

Barometric Pressure, In.Hg	24.5
Assumed Stack Pressure, iwg	
Assumed Moisture, %	
Assumed Molecular Weight	
Assumed Stack Temperature	
Assumed Meter Temperature	
Average ΔP	
Stack diameter/area	
Sample time, min/point	15
ΔH = .95 x ΔP	

EQUIPMENT INFO:

Meter No.	1-FERC
Meter Yd	1.001
Δ H @	
Pitot ID, Cp	
O_2/CO_2 Method	
Teflon connecting line? (Y/N)	
Probe material	
Probe length	
Nozzle material	
Nozzle diameter, in.	.187
Filter No.	QT-39
Filter material	quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	776.6	-	634.1	=	142.2
2	KCl	611.2	-	598.2	=	13
3	KCl	706.3	-	704.4	=	1.9
4	HNO_3/H_2O_2	605.7	-	603.4	=	2.3
5	$KMnO_4/H_2SO_4$	648.3	-	649.0	=	-0.7
6	$KMnO_4/H_2SO_4$	618.7	-	619.4	=	-0.7
7	$KMnO_4/H_2SO_4$	665.8	-	666.3	=	-0.5
8	SG	789.1	-	772.4	=	16.7
					Total	

-50 l mer

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	0.0	17	OK	PA
Post-test	.005	10	OK	PA

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start	12:22	1.0	921.8	66/65
Stop	12:32	1.0	927.6	58/67/07
Avg/total			5.85	

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	~~FILTER~~ Line	METER in	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg
A4	1411	935.27	.61	.6	277	260	268	78	72	63		7.2	6	
3	1815	938.16	.47	.47	276	263	267	73	72	58		5.2	5	
2	26	941.53	.39	.39	274	255	268	75	73	57		5.1	4.5	
1	33.5	944.25	.17	.169	276	261	267	76	74	57		5.1	6	
	41	947.83												
B4	1443	948.2	.55	.55	279	259	264	77	74	58		5.1	5.0	
3	1450.5	951.24	.45	.44	276	264	265	77	75	58		5.4	7	
2	58	955.4	.75	.75	274	254	266	79	76	58		4.9	6	
1	1505.5	958.15	.35	.35	271	262	267	79	76	60		5.2	4.5	
	1513	961.66												
C4	1516	961.83	.37	.37	282	255	266	79	77	62		6.2	4.5	
3	23.5	964.4	.19	.19	279	264	266	81	78	60		4.7	6	
2	31	968.14	.081	.8	274	253	265	80	78	51		4.5	6	
1	38.5	971.9	.128	.128	271	263	267	81	79	52		4.9	4	
	46	974.16												

CHAIN OF CUSTODY INFORMATION

Impingers Loaded	15
Impingers Recovered	A/B
Filter Loaded	15
Filter Recovered	
Probe Wash	15½

TEST AVERAGES/TOTALS

Calculated by:	MM
Checked by:	MM
Δ P, iwg	~~.5835~~ .5853
Δ H, iwg	.60
Sample vol, acf	65.125
Stack temp, F	276.4
Meter temp, F	~~78.4~~ 78.2
Static press, iwg	-16
Water collected, g	124.2
O_2, %	4.94
Sample time, min	150

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado UNIT 1 TEST NO. 1 W Hg METHOD OH PAGE 2 OF 2
SAMPLE LOCATION Inlet B Duct TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT PA / JB METER VOLUME START/END / DATE 10/18/99

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No.
Assumed Stack Pressure, iwg	Meter Yd
Assumed Moisture, %	ΔH @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N)
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material
ΔH = _____ x ΔP	Nozzle diameter, in.
	Filter No.
	Filter material

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1			-		=	
2			-		=	
3			-		=	
4			-		=	
5			-		=	
6			-		=	
7			-		=	
8			-		=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test				
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F: STACK	PROBE	~~FILTER~~ LINE	METER In	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
D 4	15.48	974.3	.63	.63	284	261	263	81	79	54		4.7	5		Impingers Loaded
3	55.5	977.35	.86	.86	281	261	266	83	80	52		4.6	6		Impingers Recovered
2	1603	981.47	.77	.77	276	256	267	83	80	51		4.4	6		Filter Loaded
1	1605	985.2	.48	.48	269	262	264	82	79	53		4.9	5		Filter Recovered
	1618	988.28													Probe Wash
E 4	1621	988.5	.83	.83	281	264	265	82	81	57		4.1	7		TEST AVERAGES/TOTALS
3	28.5	992.3	.5	.5	280	257	265	82	80	57		4.2	5.5		Calculated by:
2	36	995.39	.43	.43	276	261	264	81	80	58		4.0	5.0		Checked by:
1	43.5	998.24	.5	.5	271	258	263	81	80	59		4.4	5.5		ΔP, iwg
	51	1001.295													ΔH, iwg
															Sample vol, acf
															Stack temp, F
															Meter temp, F
															Static press, iwg
															Water collected, g
															O_2, %
															Sample time, min

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado U 1 UNIT 1 TEST NO. 2-Inlet-log METHOD PAGE 1 OF 2
SAMPLE LOCATION Inlet B Duct TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT PA / JB METER VOLUME START/END 004.12 / DATE 10/19/99

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No. FERLo-1
Assumed Stack Pressure, iwg	Meter Yd 1.001
Assumed Moisture, %	ΔH @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N) Y
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material glass
ΔH = .86 x ΔP	Nozzle diameter, in. .187
	Filter No. QT-46
	Filter material quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	715.5	-	602.2	=	113.3
2	KCl	637.9	-	613.9	=	24
3	KCl	705.1	-	697.5	=	7.6
4	$KMnO_4/H_2SO_4$	626.8	-	621.8	=	5
5	$KMnO_4/H_2SO_4$	611.9	-	610.9	=	1
6	$KMnO_4/H_2SO_4$	545.5	-	544.6	=	0.9
7	$KMnO_4/H_2SO_4$	718.1	-	720.0	=	-1.9
8	SG	885.5	-	870.6	=	14.9
					Total	114.8

COMMENTS: Leak ck good After A4
replaced O_2 meter after A4

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	0.0	17	9A	9A
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	LINE ~~FILTER~~	METER in	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
A 4	0804	4.12	.6	.52	269	279	268	50	48	46		4.7	5		Impingers Loaded 15
standby	16.5	7.15												-14.8	Impingers Recovered
2	29	8.4	.59	.51	268	249	269	54	51	47		6.2	5		Filter Loaded 15
2	35.5	11.42	.45	.39	267	258	268	56	53	46		5.1	4		Filter Recovered
1	44	14.1	.7	.6	266	254	267	58	54	47		4.8	5		Probe Wash
	51.5	17.37													
B 4	0854	17.59	.48	.35	274	266	266	60	56	50		5.3	4		
3	901.5	20.1	.85	.73	270	270	265	62	57	50		5.1	6		**TEST AVERAGES/TOTALS**
2	909	23.63	.75	.65	274	260	267	63	58	51		3.8	5.5		Calculated by: MM
1	916.5	27.02	.34	.29	270	263	269	66	60	54		3.9	4		Checked by: JMM
	924	29.39													ΔP, iwg .5466 .5706
															ΔH, iwg .51
C 4	926	29.75	.42	.36	278	269	265	66	62	56		4.2	4		Sample vol, acf 61.419
3	33.5	32.35	.75	.65	280	266	267	69	64	56		3.5	5.5		Stack temp, F 275.3
2	41	35.76	.73	.63	277	268	267	72	66	57		3.4	5		Meter temp, F 64.9 65.0
1	48.5	38.12	.25	.216	270	261	268	73	68	59		4.7	4		Static press, iwg -14.8
	956	41.25													Water collected, g 114.8
															O_2, % 4.27
															Sample time, min 150

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado UNIT 1 TEST NO. 2 Inlet METHOD PAGE 2 OF 2
SAMPLE LOCATION INLET Duct B TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT METER VOLUME START/END / DATE 10/19/99

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No.
Assumed Stack Pressure, iwg	Meter Yd
Assumed Moisture, %	ΔH @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N)
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material
ΔH = _____ x ΔP	Nozzle diameter, in.
	Filter No.
	Filter material

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1			-		=	
2			-		=	
3			-		=	
4			-		=	
5			-		=	
6			-		=	
7			-		=	
8			-		=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test				
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F: STACK	PROBE	Line ~~FILTER~~	METER In	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
D 4	10:00	41.74	.65	.56	282	265	263	72	68	59		3.7	5		Impingers Loaded
3	07.5	44.95	.86	.74	283	267	266	73	69	59		3.5	6		Impingers Recovered
2	15	48.62	.68	.59	280	259	266	73	70	60		3.8	5		Filter Loaded
1	22.5	52.0	.48	.42	272	265	267	73	70	60		3.8	4.5		Filter Recovered
	30	54.76													Probe Wash
E 4	10:33	55.01	.84	.72	282	261	267	72	70	61		3.5	6		TEST AVERAGES/TOTALS
3	40.5	58.7	.46	.40	286	270	266	75	72	61		3.8	5		Calculated by:
2	48	61.44	.42	.36	283	270	267	76	72	62		4.1	4.5		Checked by:
1	55.5	64.13	.47	.40	274	263	267	76	73	62		4.3	5		ΔP, iwg
	11:03	66.91													ΔH, iwg
															Sample vol, acf
															Stack temp, F
															Meter temp, F
															Static press, iwg
															Water collected, g
															O_2, %
															Sample time, min

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado U1 UNIT 1 TEST NO. 3-Inlet-Hg METHOD OH PAGE 1 OF 2
SAMPLE LOCATION Scrubber Inlet TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT METER VOLUME START/END 70.08 / 130.157 DATE 10/19/99

PRE-TEST DATA:

Barometric Pressure, In.Hg	24.7
Assumed Stack Pressure, iwg	
Assumed Moisture, %	
Assumed Molecular Weight	
Assumed Stack Temperature	
Assumed Meter Temperature	
Average ΔP	
Stack diameter/area	
Sample time, min/point	
ΔH = .8 x ΔP	

EQUIPMENT INFO:

Meter No.	FERC6-1
Meter Yd	1.001
Δ H @	
Pitot ID, Cp	
O_2/CO_2 Method	
Teflon connecting line? (Y/N)	
Probe material	
Probe length	
Nozzle material	glass
Nozzle diameter, in.	.187
Filter No.	QT-47
Filter material	quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)	Wt (start)		Wt gain
1	KCl	739.2	612.6	=	126.6
2	KCl	616.9	598.1	=	18.8
3	KCl	592.0	590.1	=	1.9
4	NaO_2/H_2O_2	611.5	607.5	=	4
5	$KMnO_4/H_2SO_4$	599.0	598.7	=	0.3
6	$KMnO_4/H_2SO_4$	630.5	628.2	=	2.3
7	$KMnO_4/H_2SO_4$	601.4	602.5	=	-1.1
8	SG	802.2	789.1	=	13.1
			Rinse -50	Total	115.9

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	.01	15"	OK	PA
Post-test	.012	15"	OK	PA

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop			0	/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	Line ~~FILTER~~	METER In	METER out	IMP OUT	O_2	VAC.	STATIC PRESS. iwg
A 4	12.16	70.08	.73	.58	294	274	269	75	75	60	4.3	5.5	
3	23.5	72.9	.53	.42	284	279	272	77	76	60	3.4	5	
2	31	76.15	.44	.35	286	268	270	77	76	59	3.8	4	
1	38.5	78.74	.64	[illegible]	[illegible]	269	270	78	76	60	4.4	3	
	46	81.81											
B 4	1247	82.[illegible]	.43	.34	292	266	266	79	76	61	3.9	4	
3	54.5	85.6	.9	.72	292	273	267	79	78	60	3.9	6	
2	1302	88.82	.76	.61	284	274	266	81	78	54	3.9	5	
1	09.5	91.7	.34	.27	279	266	265	80	78	54	4.3	4	
	13.7	93.91											
C 4	[illegible]20	94.09	.45	.36	296	270	266	81	79	60	3.9	4	
3	27.5	96.7	.79	.63	294	268	267	83	80	56	4.0	5	
2	35	100.03	.78	.62	296	271	267	84	81	54	3.9	5	
1	42.5	103.4	.27	.22	280	269	267	83	81	55	3.8	4	
	50	105.48											

CHAIN OF CUSTODY INFORMATION

Impingers Loaded	AB
Impingers Recovered	AB
Filter Loaded	AB
Filter Recovered	AB
Probe Wash	

TEST AVERAGES/TOTALS

Calculated by:	MM
Checked by:	MM
Δ P, iwg	.5829
Δ H, iwg	.48
Sample vol, acf	59.101
Stack temp, F	289.2
Meter temp, F	80.0
Static press, iwg	-14.8
Water collected, g	115.9
O_2, %	3.97
Sample time, min	-

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado UNIT ____ TEST NO. 3-Inlet METHOD ____ PAGE 2 OF 2
SAMPLE LOCATION Inlet & Duct TEST CONDITION ____ AMBIENT TEMPERATURE ____
OPERATOR/ASSISTANT ____ METER VOLUME START/END ____ / ____ DATE 10/19/99

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No.
Assumed Stack Pressure, iwg	Meter Yd
Assumed Moisture, %	Δ H @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N)
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material
ΔH = ____ x ΔP	Nozzle diameter, in.
	Filter No.
	Filter material

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1			-		=	
2			-		=	
3			-		=	
4			-		=	
5			-		=	
6			-		=	
7			-		=	
8			-		=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test				
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	Δ H	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F: STACK	PROBE	LINE ~~FILTER~~	METER In	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
D 4	13.53	105.78	.76	.61	300	268	265	79	79	59		4.2	5.5		Impingers Loaded
3	14.005	109.25	.83	.66	297	275	267	82	80	56		4.0	5.5		Impingers Recovered
2	08	112.73	.7	.56	286	272	268	83	81	56		4.3	5		Filter Loaded
1	15.5	116.0	.45	.36	282	266	267	82	80	57		3.9	4.5		Filter Recovered
	23	118.65													Probe Wash
E 4	1426	118.882	.81	.65	301	267	266	83	81	61		4.3	5.5		**TEST AVERAGES/TOTALS**
3	33.5	122.3	.46	.37	293	272	267	84	82	59		3.7	4.5		Calculated by:
2	41	124.93	.42	.34	286	274	267	84	82	60		4.0	4.5		Checked by:
1	48.5	127.49	.47	.38	284	268	266	83	82	61		4.0	4.5		Δ P, iwg
	56	130.153													Δ H, iwg
															Sample vol, acf
															Stack temp, F
															Meter temp, F
															Static press, iwg
															Water collected, g
															O_2, %
															Sample time, min

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado U1 UNIT 1 TEST NO. Outlet-FTS METHOD OH PAGE 1 OF 1
SAMPLE LOCATION Scrubber Outlet TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT Finkon/Pedregon METER VOLUME START/END / DATE 10/19/99

PRE-TEST DATA:

Barometric Pressure, In.Hg	
Assumed Stack Pressure, iwg	
Assumed Moisture, %	
Assumed Molecular Weight	
Assumed Stack Temperature	
Assumed Meter Temperature	
Average ΔP	
Stack diameter/area	
Sample time, min/point	
ΔH = ____ x ΔP	

EQUIPMENT INFO:

Meter No.	3-WLS
Meter Yd	
Δ H @	
Pitot ID, Cp	
O_2/CO_2 Method	
Teflon connecting line? (Y/N)	
Probe material	
Probe length	1 ft
Nozzle material	Glass
Nozzle diameter, in.	0.184
Filter No.	QT-49
Filter material	quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	655.2	-	606.7	=	
2	KCl	✓	-	608.0	=	
3	KCl	✓	-	565.9	=	
4	$1L\Delta O_3/1L\Delta O_2$	✓	-	650.8	=	
5	$KMnO_4/1L\Delta SO_4$	✓	-	705.7	=	
6	$KMnO_4/1L\Delta SO_4$	✓	-	635.0	=	
7	$KMnO_4/1L\Delta SO_4$	✓	-	698.5	=	
8	SG	✓	-	896.0	=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	0.010	8		BF
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	FILTER	METER in	METER out	IMP OUT		O_2	VAC.	STATIC PRESS. iwg
On Platform		13:00												
Leak check @			15:26											
off Platform @			15:46											

CHAIN OF CUSTODY INFORMATION

Impingers Loaded	TS
Impingers Recovered	TS
Filter Loaded	TS
Filter Recovered	TS
Probe Wash	BF

TEST AVERAGES/TOTALS

Calculated by:	
Checked by:	
Δ P, iwg	
Δ H, iwg	
Sample vol, acf	
Stack temp, F	
Meter temp, F	
Static press, iwg	
Water collected, g	
O_2, %	
Sample time, min	

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado Unit 1 UNIT 1 TEST NO. 1-Out-Hg METHOD OH PAGE 1 OF 2
SAMPLE LOCATION Scrubber Outlet TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT LP/BF METER VOLUME START/END 17.0 / DATE 10/18/97

PRE-TEST DATA:

Barometric Pressure, In.Hg	28.5
Assumed Stack Pressure, iwg	0.8
Assumed Moisture, %	13.25
Assumed Molecular Weight	28
Assumed Stack Temperature	119
Assumed Meter Temperature	80
Average ΔP	.75
Stack diameter/area	156 ft²
Sample time, min/point	5
ΔH = 2.34 x ΔP	

EQUIPMENT INFO:

Meter No.	3-WCS
Meter Yd	0.980
ΔH @	1.711
Pitot ID, Cp	0.84
O_2/CO_2 Method	Portable
Teflon connecting line? (Y/N)	Y
Probe material	Pyrex
Probe length	141
Nozzle material	glass
Nozzle diameter, in.	0.227
Filter No.	QT-48
Filter material	quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	865.6	-	604.3	=	261.3
2	KCl	695.8	-	623.0	=	72.8
3	KCl	705.2	-	688.8	=	16.4
4	$KMnO_4/H_2SO_4$	611.7	-	606.7	=	5.0
5	$KMnO_4/H_2SO_4$	709.9	-	707.3	=	2.6
6	$KMnO_4/H_2SO_4$	590.1	-	587.1	=	3.0
7	$KMnO_4/H_2SO_4$	721.6	-	721.3	=	0.3
8	SG	861.1	-	832.1	=	29.0
				Total		340.4

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	0.018	16	BF	BF
Post-test	0.005	12	BF	BF

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	FILTER	METER In	METER out	IMP OUT	Line	O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
A-1	14:16	17.000	1.0	2.34	119	265	274	70	63	52	266	6.0	10	0.8	Impingers Loaded BF
2	14:21	21.55	.92	2.15	119	272	272	74	63	48	268	5.8	10		Impingers Recovered AD
3	14:26	26.15	.47	1.1	119	255	259	75	64	53	271	5.6	6		Filter Loaded BF
4	1431	30.7	.85	2.0	119	256	262	80	64	56	274	5.8	7		Filter Recovered AD
5	1436	34.3	.95	2.22	119	252	259	82	65	53	280	6.0	8		Probe Wash BF
Stop	1441	38.270													
B-1	1444	38.270	.90	2.11	119	252	252	77	66	50	286	5.5	8		**TEST AVERAGES/TOTALS**
2	1449	42.25	.80	1.87	119	251	263	80	68	49	288	5.4	8		Calculated by:
3	1454	46.4	.82	1.92	119	253	261	82	68	48	288	5.5	8		Checked by:
4	1459	50.4	.70	1.64	119	252	257	83	69	48	288	6.0	7		Δ P, iwg
5	1504	54.23	.65	1.52	119	251	258	86	71	49	286	5.7	6		Δ H, iwg See
Stop	1509	57.805													Sample vol, acf
C-1	1511	57.805	.63	1.47	118	254	272	85	72	49	290	5.8	6		Stack temp, F
2	1516	61.55	.85	1.99	118	255	271	89	74	49	286	5.6	7		Meter temp, F
3	1521	65.3	.90	2.11	118	251	257	91	74	49	290	6.0	7		Static press, iwg
4	1526	69.1	.95	2.22	119	252	258	88	76	50	289	6.0	9		Water collected, g
5	1531	73.4	.85	1.99	119	253	258	88	76	52	291	5.9	9		O_2, %
Stop	1536	77.870													Sample time, min

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY SRP / Coronado UNIT 1 TEST NO. 1-out-Hg METHOD OH PAGE 2 OF 2
SAMPLE LOCATION A' Scrubber outlet TEST CONDITION AMBIENT TEMPERATURE ~ 70
OPERATOR/ASSISTANT Finken / Pedregon METER VOLUME START/END / DATE 10/18/95

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No.
Assumed Stack Pressure, iwg	Meter Yd
Assumed Moisture, %	Δ H @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N)
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material
ΔH = _____ x ΔP	Nozzle diameter, in.
	Filter No.
	Filter material

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1			-		=	
2			-		=	
3			-		=	
4			-		=	
5			-		=	
6			-		=	
7			-		=	
8			-		=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test				
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

See Pg 1

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	FILTER	METER in	METER out	IMP OUT	LINE	O_2	VAC.	STATIC PRESS. iwg
D-1	15:38	77.870	.60	1.4	119	254	255	83	76	56	290	5.6 ✓	7	See Pg 1
2	15:43	81.5	.75	1.76	119	254	257	93	76	54	287	5.5	7	
3	15:48	85.35	.80	1.87	119	257	257	86	76	54	288	5.6	7	
4	15:53	89.3	.80	1.87	119	251	257	87	77	55	289	5.8	8	
5	15:58	93.46	.75	1.76	119	253	259	87	77	56	289	5.6 ✓	8	
Stop	16:03	97.57												
E-1	16:05	97.57	.84	1.97	119	252	264	90	77	59	288	5.8	8	
2	1610	101.7	.72	1.68	120	252	252	89	78	58	290	6.0	7	
3	1615	105.68	.85	1.99	120	251	260	89	77	55	289	5.9 ✓	7	
4	1620	109.7	.83	1.94	120	253	260	89	77	58	288	5.5 ✓	8	
5	1625	113.8	.65	1.52	120	252	259	89	77	54	286	5.6	6	
Stop	1630	117.410												
F-1	1632	117.410	.94	2.2	120	251	260	84	74	54	288	5.6	8	
2	1637	121.6	1.0	2.34	120	255	274	86	74	53	289	5.5 ✓	10	
3	1642	125.95	.65	1.52	120	252	259	84	73	54	285	5.5	8	
4	1647	130.05	.78	1.83	121	253	258	84	72	55	286	5.6	8	
5	1652	134.05	.95	2.22	121	253	258	83	72	56	284	5.5 ✓	9	
END	1657	138.253												

CHAIN OF CUSTODY INFORMATION

- Impingers Loaded
- Impingers Recovered
- Filter Loaded
- Filter Recovered
- Probe Wash

TEST AVERAGES/TOTALS

- Calculated by: BF
- Checked by: MM ✓
- Δ P, iwg 0.800 ✓
- Δ H, iwg 1.88 ✓
- Sample vol, acf 121.253 ✓
- Stack temp, F 119.3 ✓
- Meter temp, F 78.3 ✓
- Static press, iwg 0.8 ✓
- Water collected, g 340.4 ✓
- O_2, % 5.71 ✓
- Sample time, min 150

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY: Coronado UNIT: 1 TEST NO. 2-Outlet-Hg METHOD: OH PAGE 1 OF 2
SAMPLE LOCATION: Outlet TEST CONDITION: AMBIENT TEMPERATURE:
OPERATOR/ASSISTANT: LP/BF METER VOLUME START/END: / DATE: 10/19/99

PRE-TEST DATA:

Barometric Pressure, In.Hg	~~24.5~~ 24.7
Assumed Stack Pressure, iwg	0.8
Assumed Moisture, %	13.8
Assumed Molecular Weight	28.5
Assumed Stack Temperature	119
Assumed Meter Temperature	70
Average ΔP	.8
Stack diameter/area	156 #
Sample time, min/point	5
ΔH = 0.95 x ΔP	

EQUIPMENT INFO:

Meter No.	3-WCS
Meter Yd	0.980
ΔH @	1.711
Pitot ID, Cp	0.84
O_2/CO_2 Method	Port.
Teflon connecting line? (Y/N)	Y
Probe material	Glass
Probe length	141
Nozzle material	Glass #72
Nozzle diameter, in.	0.184
Filter No.	QT-43
Filter material	quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	773.0	-	595.3	=	177.7
2	KCl	623.6	-	588.3	=	35.3
3	KCl	581.3	-	573.6	=	7.7
4	$KMnO_4/H_2SO_4$	631.8	-	630.4	=	1.4
5	$KMnO_4/H_2SO_4$	704.9	704.8	692.6	=	0.1
6	$KMnO_4/H_2SO_4$	641.7	-	640.6	=	1.1
7	$KMnO_4/H_2SO_4$	692.3	-	692.6	=	-0.3
8	SG	896.2	-	881.8	=	14.4
					Total	187.4

- total line rinse

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	0.01	21	BF	BF
Post-test	0.020	4		BF

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F: STACK	PROBE	FILTER	METER In	METER out	IMP OUT	Line	O_2	VAC.	STATIC PRESS. iwg
A-1	0811	140.446	0.9	.86	116	252	274	48	42	45	280	5.0	4	0.8
2	0816	143.2	0.8	.76	117	256	261	59	48	45	280	5.7	3	
3	0821	145.6	0.46	.44	117	254	266	58	48	45	281	5.4	3	
4	0826	147.5	.75	.71	117	254	261	60	48	45	280	5.3	3	
5	0831	150.05	.80	.76	117	255	256	62	49	45	280	5.4	3	
STOP	0836	152.67												
B-1	0839	152.67	.72	.68	117	254	251	63	50	45	281	5.1	3	
2	0844	155.3	.56	.53	117	255	256	~~81~~ 63	52	47	283	5.2	3	
3	0849	157.4	.64	.61	117	254	260	65	53	47	287	5.3	3	
4	0854	159.55	.60	.57	118	256	264	64	54	47	288	5.2	3	
5	0859	161.8	.52	.49	117	257	257	64	55	48	287	5.2	3	
STOP	0904	163.868												
C-1	0906	163.868	.52	.49	117	259	279	65	56	48	289	5.1	3	
2	0911	166.0	.76	.72	117	256	257	67	57	49	287	5.2	3	
3	0916	168.15	.70	.67	117	257	264	68	58	48	287	5.0	3	
4	0921	170.9	.72	.68	117	255	263	69	59	47	287	5.1	3	
5	0926	173.4	.74	.70	117	254	261	69	59	47	287	5.2	3	
STOP	0931	175.920												

CHAIN OF CUSTODY INFORMATION

Impingers Loaded	BF
Impingers Recovered	BF
Filter Loaded	BF
Filter Recovered	BF
Probe Wash	H_2O Probe had BF

TEST AVERAGES/TOTALS

Calculated by:	
Checked by:	
ΔP, iwg	
ΔH, iwg	
Sample vol, acf	
Stack temp, F	
Meter temp, F	
Static press, iwg	
Water collected, g	
O_2, %	
Sample time, min	

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY SRP/Coronado UNIT 1 TEST NO. 2-outlet-Hg METHOD OH PAGE 2 OF 2
SAMPLE LOCATION A' Scrubber Exit TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT Finken / Pedregon METER VOLUME START/END / DATE 10/19/99

PRE-TEST DATA:	EQUIPMENT INFO:
Barometric Pressure, In.Hg	Meter No.
Assumed Stack Pressure, iwg	Meter Yd
Assumed Moisture, %	Δ H @
Assumed Molecular Weight	Pitot ID, Cp
Assumed Stack Temperature	O_2/CO_2 Method
Assumed Meter Temperature	Teflon connecting line? (Y/N)
Average ΔP	Probe material
Stack diameter/area	Probe length
Sample time, min/point	Nozzle material
ΔH = _____ x ΔP	Nozzle diameter, in.
	Filter No.
	Filter material

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1			-		=	
2			-		=	
3			-		=	
4			-		=	
5			-		=	
6			-		=	
7			-		=	
8			-		=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test				
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

→ See Pg. 1

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F: STACK	PROBE	FILTER	METER In	METER out	IMP OUT	LINE	O_2	VAC.	STATIC PRESS. iwg
D-1	0933	175.920	.50	.48	117	255	272	69	61	46	285	5.3	3	
2	0938	177.9	.65	.62	117	255	263	72	63	46	286	5.2 ✓	3	
3	0943	180.0	.65	.62	118	254	262	74	65	46	286	5.1	3	
4	0948	182.55	.65	.62	117	254	261	75	64	46	289	5.4 ✓	3	
5	0953	184.9	.63	.60	117	255	260	76	65	47	289	5.2	3	
STOP	0958	187.193												
E-1	1000	187.193	.70	.67	117	256	267	75	66	49	290	5.2	3	
2	1005	189.6	.63	.60	117	254	265	76	67	48	291	6.2 ✓	3	
3	1010	191.9	.75	.71	117	254	254	76	68	48	292	6.0 ✓	3	
4	1015	194.4	.70	.67	117	254	258	77	69	49	291	6.0	3	
5	1020	196.8	.59	.56	117	253	259	76	69	49	292	5.7	3	
STOP	1025	198.951												
F-1	1027	198.951	0.80	.76	117	255	259	78	69	50	291	5.8 ✓	3	
2	1032	201.6	0.80	.76	117	254	261	79	70	51	293	5.9	3	
3	1037	204.35	0.54	.51	117	254	262	80	70	52	293	5.8 ✓	3	
4	1042	206.4	.75	.71	117	254	263	80	71	53	289	5.9	3	
5	1047	208.9	.81	.77	117	252	258	82	72	53	291	6.0		
END	1052	211.523												

CHAIN OF CUSTODY INFORMATION	
Impingers Loaded	
Impingers Recovered	
Filter Loaded	
Filter Recovered	
Probe Wash	
TEST AVERAGES/TOTALS	
Calculated by:	BP
Checked by:	MMJ
Δ P, iwg	0.674 ✓
Δ H, iwg	0.64 ✓
Sample vol, acf	71.077 ✓
Stack temp, F	117.0 ✓
Meter temp, F	64.8 ✓
Static press, iwg	0.8 ✓
Water collected, g	
O_2, %	5.42 ✓
Sample time, min	150

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY Coronado Unit 1 UNIT 1 TEST NO. 3-Oct-Hg METHOD OH PAGE 1 OF 2
SAMPLE LOCATION Outlet TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT Finken/Pedreson METER VOLUME START/END / DATE 10/19/99

PRE-TEST DATA:

Barometric Pressure, in.Hg	24.7
Assumed Stack Pressure, iwg	0.8
Assumed Moisture, %	13.8
Assumed Molecular Weight	28.5
Assumed Stack Temperature	117
Assumed Meter Temperature	75
Average ΔP	.8
Stack diameter/area	156 ft
Sample time, min/point	5
ΔH = 0.95 x ΔP	

EQUIPMENT INFO:

Meter No.	
Meter Yd	
ΔH @	
Pitot ID, Cp	
O_2/CO_2 Method	
Teflon connecting line? (Y/N)	
Probe material	
Probe length	
Nozzle material	
Nozzle diameter, in.	
Filter No.	QT-48
Filter material	quartz

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1	KCl	829.7	-	611.9	=	217.8
2	KCl	632.1	-	612.9	=	19.2
3	KCl	662.0	-	658.5	=	3.5
4	$KMnO_4/H_2O_2$	614.0	-	612.3	=	1.7
5	$KMnO_4/H_2SO_4$	729.2	-	729.4	=	-0.2
6	$KMnO_4/H_2SO_4$	590.6	-	576.0	=	14.6
7	$KMnO_4/H_2SO_4$	736.6	-	735.2	=	1.4
8	SG	824.9	-	807.7	=	17.2
		Tare Wt		-50	Total	225.2

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test	<0.005	15	BT	BT
Post-test	<0.005	8	BT	BT

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	FILTER	METER in	METER out	IMP OUT	Line	O_2	VAC.	STATIC PRESS. iwg
A-1	12:19	213.000	.85	.81	118	249	238	76	75	60	234	5.2	4	
2	12:24	215.3	.75	.71	118	253	272	88	74	62	251	5.1	4	
3	12:29	218.4	.45	.43	118	252	245	86	75	58	261	5.4	4	
4	12:34	220.5	.70	.67	119	251	239	84	76	58	275	5.4	4	
5	12:39	222.65	.75	.71	119	251	259	85	75	55	281	5.3	4	
Stop	12:44	225.253												
B-1	12:44	225.253	.72	.68	119	252	233	83	74	54	285	5.4	4	
2	12:51	228.0	.54	.51	119	252	249	83	74	52	284	5.3	4	
3	12:56	230.175	.64	.61	119	252	249	83	74	52	284	5.4	4	
4	13:01	232.520	.57	.54	119	253	246	83	73	52	284	5.4	4	
5	13:06	234.840	.54	.51	119	250	244	81	73	52	282	5.4	4	
Stop	13:11	237.034	.54											
C-1	13:16	237.034	.51	.48	119	251	257	78	71	55	283	5.4	4	
2	13:21	239.180	.77	.73	119	253	264	80	71	52	283	5.3	4	
3	13:26	241.760	.76	.72	119	252	254	81	75	50	283	5.4	4	
4	13:31	244.380	.75	.71	119	253	246	82	71	51	282	5.4	4	
5	13:36	247.0	.73	.69	119	250	259	82	71	51	282	5.4	4	
Stop	13:41	249.535												

CHAIN OF CUSTODY INFORMATION

Impingers Loaded	BS
Impingers Recovered	BS
Filter Loaded	BS
Filter Recovered	BS
Probe Wash	BS

TEST AVERAGES/TOTALS

Calculated by:	BS 2
Checked by:	
Δ P, iwg	
Δ H, iwg	
Sample vol, acf	
Stack temp, F	
Meter temp, F	
Static press, iwg	
Water collected, g	
O_2, %	
Sample time, min	

FOSSIL ENERGY RESEARCH CORPORATION
Ontario Hydro Mercury Speciation Sampling Data Sheet

FACILITY SRP/Colorado UNIT 1 TEST NO. 3-OH-Hg METHOD OH PAGE 2 OF 2
SAMPLE LOCATION A Scrubber exit TEST CONDITION AMBIENT TEMPERATURE
OPERATOR/ASSISTANT Finkon/Pedregon METER VOLUME START/END / DATE 10/19/99

PRE-TEST DATA:

Barometric Pressure, in.Hg	
Assumed Stack Pressure, iwg	
Assumed Moisture, %	
Assumed Molecular Weight	
Assumed Stack Temperature	
Assumed Meter Temperature	
Average ΔP	
Stack diameter/area	
Sample time, min/point	
ΔH = _____ x ΔP	

EQUIPMENT INFO:

Meter No.	
Meter Yd	
ΔH@	
Pitot ID, Cp	
O_2/CO_2 Method	
Teflon connecting line? (Y/N)	
Probe material	
Probe length	
Nozzle material	
Nozzle diameter, in.	
Filter No.	
Filter material	

IMPINGER WEIGHTS:

Imp #	Contents	Wt (end)		Wt (start)		Wt gain
1			-		=	
2			-		=	
3			-		=	
4			-		=	
5			-		=	
6			-		=	
7			-		=	
8			-		=	
					Total	

COMMENTS:

LEAK CHECKS:

	CFM	Vacuum	Pitot	Initial
Pre-test				
Post-test				

PRE-TEST METER CALIBRATION CHECK:

	Time	ΔH	Meter Reading	Meter In/Out
Start				/
Stop				/
Avg/total				

→ See fig. 1

SAMPLE POINT	TIME (clock)	METER VOLUME ft³	ΔP iwg	ΔH iwg	TEMPERATURES, F STACK	PROBE	FILTER	METER in	METER out	IMP OUT	Line	O_2	VAC.	STATIC PRESS. iwg	CHAIN OF CUSTODY INFORMATION
D-1	1343	249.535	.49	.47	119	251	256	78	71	47	285	5.4 ✓	4		Impingers Loaded
2	1348	251.730	.70	.67	120	251	256	79	71	46	286	5.4	4		Impingers Recovered
3	1353	254.250	.68	.65	121	251	256	79	71	45	285	5.4	4		Filter Loaded
4	1358	256.750	.64	.61	120	252	257	80	70	45	285	5.4 ✓	4		Filter Recovered
5	1403	259.170	.64	.61	120	251	243	81	70	44	283	5.4	4		Probe Wash
STOP	1408	261.560	—	—	—	—	—	—	—	—	—	—	—		
E-1	1410	261.560	.66	.63	120	251	246	80	70	48	287	5.4	4		
2	1415	264.030	.61	.58	121	252	263	80	70	47	287	5.4 ✓	4		**TEST AVERAGES/TOTALS**
3	1420	266.350	.75	.71	121	251	248	80	70	47	286	5.4	4		Calculated by: RT
4	1425	268.9	.68	.65	121	250	257	81	70	47	284	5.4	4		Checked by:
5	1430	271.410	.58	.55	122	252	256	81	70	47	285	5.4 ✓	4		ΔP, iwg .6663 ✓
STOP	1435	273.750	—	—	—	—	—	—	—	—	—	—	—		ΔH, iwg .64 ✓
F-1	1437	273.750	.72	.68	120	251	244	81	70	48	287	5.4	4		Sample vol, acf 73.101 ✓
2	1442	276.350	.85	.81	120	251	246	81	71	47	288	5.6 ✓	4		Stack temp, F 119.5 ✓
3	1447	279.0	.52	.49	120	251	242	80	71	50	288	5.6	4		Meter temp, F 76.7 ✓
4	1452	281.0	.75	.71	118	251	251	81	72	53	289	5.5	4		Static press, iwg 0.8 ✓
5	1457	283.5	.82	.78	119	252	249	82	72	53	288	5.4	4		Water collected, g
STOP	1502	286.101													O_2, % 5.39 ✓
															Sample time, min 150

286.101

FOSSIL ENERGY RESEARCH CORP.

SAMPLING POINT LOCATION DATA
EPA Method 1

Plant Coronado1 Inlet Data by MDM

Date 10/18/99 Test Location

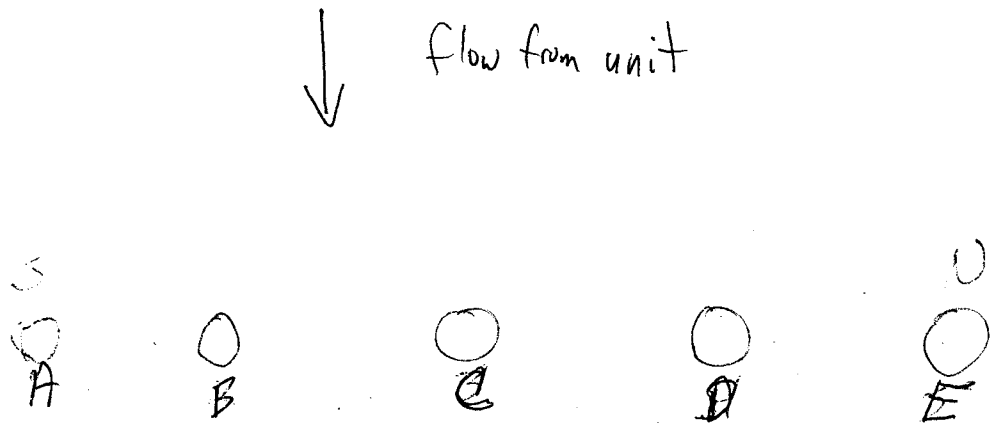


DIAGRAM OF SAMPLING LOCATION

Upstream Dist./Dia. 100'

Downstream Dist./Dia 20'

Coupling Length 18"

No. of Sampling Pts. 20

Stack Dimension 16' x 15'

Stack Are, ft² 240

Sample Point	% of Diameter	In. from Near Wall	In. from Nozzle*
1	12.5	24"	42"
2	37.5	72"	90"
3	62.5	120"	138"
4	87.5	168"	186"

*Inches from wall plus coupling length

Fossil Energy Research Corp.
Preliminary Velocity Traverse and Cyclonic Flow Check Data Sheet

Test No. Preliminary
Client/Unit Coronado
Location Inlet (APH B outlet)

Date 10/18/99
Data by PA / JB
Start time 11:50
Stop time 12:18

Barometric pressure ~24.3
Static pressure, iwg ~-16

Port	Point	ΔP	Temp	Yaw Angle
A	4	.136	268	10
	3	.106	266	5
	2	.11	265	5
	1	.143	263	10
B	4	.16	271	5
	3	.176	268	0
	2	.163	267	3
	1	.27	263	10
C	4	.139	272	10
	3	.164	271	0
	2	.165	267	0
	1	.13	259	0
D	4	.168	271	0
	3	.163	270	5
	2	.155	264	0
	1	.143	258	0

Port	Point	ΔP	Temp	Yaw Angle
E	4	.163	264	5
	3	.14	269	0
	2	.134	265	0
	1	.143	260	0

Leak check: Pre-test ✓ Post-test ✓

Manometer zero: Pre-test ✓ Post-test ✓

Notes/Comments

Cyclonic flow check.xls

FOSSIL ENERGY RESEARCH CORP.

SAMPLING POINT LOCATION DATA
EPA Method 1

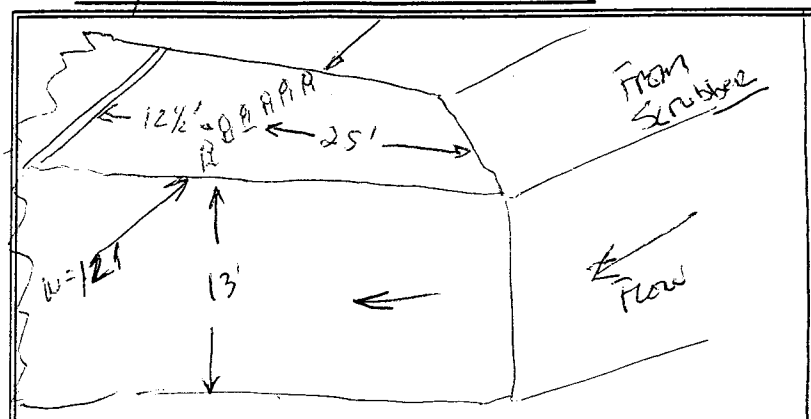
2.34

Plant Coronado

Data by Finken

Date 10/18/99

Test Location 1A Scrubber exit



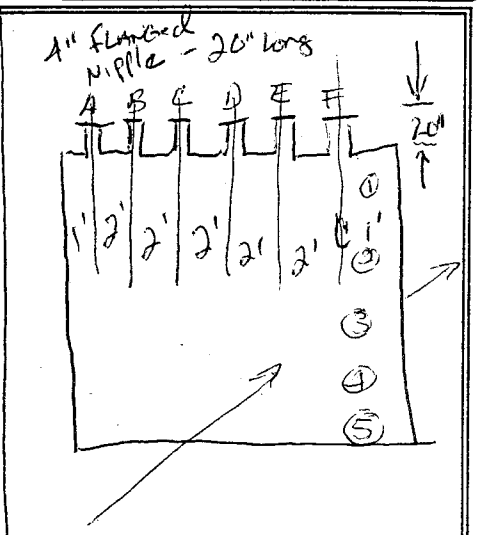


DIAGRAM OF SAMPLING LOCATION

Upstream Dist./Dia. 25'/2

Downstream Dist./Dia 12½'/1

Coupling Length 20"

No. of Sampling Pts. 30

Stack Dimension 12' x 13'

Stack Are, ft² 156 ft²

$$D_e = \frac{2LW}{L+W} = \frac{2(12)(13)}{(12)+(13)} = 12.48 \text{ ft}$$

Sample Point	% of Diameter	In. from Near Wall	In. from Nozzle*
1	1/10	15.6	35.6
2	3/10	46.8	66.8
3	5/10	78.0	98.0
4	7/10	109.2	129.2
5	9/10	140.4	160.4

*Inches from wall plus coupling length

Fossil Energy Research Corp.
Preliminary Velocity Traverse and Cyclonic Flow Check Data Sheet

Test No. Prelim
Client/Unit SRB/Coronado
Location 1A Scrubber Exit

Date 10/18/99
Data by Finken / Pedregon
Start time 12:10
Stop time

Barometric pressure
Static pressure, iwg +0.8

Port	Point	ΔP	Temp	Yaw Angle
A-5		1.0	119	<5°
4		0.8	119	<5°
3		0.5	118	<5°
2		0.87	118	<5°
1		.87	118	<5°
B 5		.80	119	<5°
4		0.75	120	<5°
3		0.7	119	<5°
2		.65	119	<5°
1		.75	119	<5°
C 5		.55	118	<5°
4		.75	119	<5
3		.70	118	<5°
2		0.78	117	<5
1		0.6	119	<5
D 5	1	.62	119	<5
4	2	.70	119	<5
3	3	.73	119	<5
2	4	.71	119	<5
1	5	.62	120	<5

Port	Point	ΔP	Temp	Yaw Angle
E	1	0.8	119	<5
	2	0.87	119	<5
	3	0.8	119	<5
	4	0.7	119	<5
	5	0.72	120	<5
F	1	0.9	119	<5
	2	0.9	119	<5
	3	0.6	119	<5
	4	0.85	120	<5
	5	1.0	121	<5

Leak check: Pre-test BF
Post-test BF

Manometer zero: Pre-test BF
Post-test BF

Notes/Comments

Fossil Energy Research Corp.
Portable O_2 Analyzer Calibration Error Data Sheet

Unit Coronado 1
Pre test number 1
Post test number 1

Date 10/18/99
Data by (pre test) MDM
(post test) MDM

Mid range cal gas value 8.96
Mid range bottle number SA20637

Zero gas bottle number ALM12499

Analyzer scale 0-25

Inlet Analyzer								
	Pre test calibration				*Post test calibration*			
	Reading	Diff	Diff	Pass?	Reading	Diff	Diff	Pass?
		% O_2	% scale			% O_2	% scale	
Zero	0.1	0.1	0.4	Y	0.1	0.1	0.4	Y
Cal gas	9.1	.14	.56	Y	9.4	.44	1.8%	Y

Stack/Outlet Analyzer								
	Pre test calibration				*Post test calibration*			
	Reading	Diff	Diff	Pass?	Reading	Diff	Diff	Pass?
		% O_2	% scale			% O_2	% scale	
Zero	0	0	0	Y	0	0	0	Y
Cal gas	9.3	.34	1.3	Y	9.2	.24	1.0	Y

Fossil Energy Research Corp.
Portable O_2 Analyzer Calibration Error Data Sheet

Unit ~~10/19/99~~ Coronado1
Pre test number 2
Post test number 3

Date 10/19/99
Data by (pre test) MDM
(post test)

Mid range cal gas value
Mid range bottle number

Zero gas bottle number

Analyzer scale

all test 1

note - first inlet O_2 meter replaced after one point - slow response time

Inlet Analyzer								
	Pre test calibration				*Post test calibration*			
	Reading	Diff	Diff	Pass?	Reading	Diff	Diff	Pass?
		% O_2	% scale			% O_2	% scale	
Zero (first meter)	0.1	0.1	~~.25%~~ .4%	Y				
Cal gas (first meter)	9.4	.46	1.8%	Y				
Zero (replacement meter)	0.0	0.0	0%	Y	0.1	0.1	0.4%	Y
Calgas (replacement meter)	9.2	.24	.96%	Y	9.3	.34	1.4%	Y

Stack/Outlet Analyzer								
	Pre test calibration				*Post test calibration*			
	Reading	Diff	Diff	Pass?	Reading	Diff	Diff	Pass?
		% O_2	% scale			% O_2	% scale	
Zero	0.3	0.3	1.2%	Y	0.1	0.1	0.4	Y
Cal gas	9.0	.04	.16%	Y	~~9.0~~ 8.9	-.06	-.24	Y
~~Zero~~	~~0.0~~							
Calgas	9							

Praxair
5700 South Alameda Street
Los Angeles, CA 90058
Telephone: (323) 585 2151
Facsimile: (714) 542-6689

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

CUSTOMER DELTA AIR

P.O NUMBER

REFERENCE STANDARD

COMPONENT	NIST SRM NO.	CYLINDER NO.	CONCENTRATION
OXYGEN GMIS	vs 2658a	SA 9818	10.02%
CARBON DIOXIDE NTRM	82745x	SA 18781	17.89%

ANALYZER READINGS

R=REFERENCE STANDARD *Z=ZERO GAS* *C=GAS CANDIDATE*

1. COMPONENT OXYGEN GMIS ANALYZER MAKE-MODEL-S/N Siemens Oxymat 5E S/N A12-839
ANALYTICAL PRINCIPLE Paramagnetic LAST CALIBRATION DATE 04/05/99
FIRST ANALYSIS DATE 04/14/99 SECOND ANALYSIS DATE

Z 0.00	R 10.02	C 8.96	CONC. 8.96	Z	R	C	CONC.
R 10.02	Z 0.00	C 8.96	CONC. 8.96	R	Z	C	CONC.
Z 0.00	C 8.96	R 10.02	CONC. 8.96	Z	C	R	CONC.
U/M %		MEAN TEST ASSAY 8.96 %		U/M %			MEAN TEST ASSAY

2. COMPONENT CARBON DIOXIDE NTRM ANALYZER MAKE-MODEL-S/N Siemens Ultramat 5E S/N A12-730
ANALYTICAL PRINCIPLE NDIR LAST CALIBRATION DATE 04/05/99
FIRST ANALYSIS DATE 04/14/99 SECOND ANALYSIS DATE

Z 0.00	R 17.90	C 17.96	CONC. 17.95	Z	R	C	CONC.
R 17.92	Z 0.00	C 18.02	CONC. 17.99	R	Z	C	CONC.
Z 0.00	C 18.00	R 17.94	CONC. 17.95	Z	C	R	CONC.
U/M %		MEAN TEST ASSAY 17.96 %		U/M %			MEAN TEST ASSAY

Values not valid below 150 psig

THIS CYLINDER NO. SA 20637
HAS BEEN CERTIFIED ACCORDING TO SECTION EPA-600/R97/121
OF TRACEABILITY PROTOCOL NO. Rev. 9/97
PROCEDURE G1
CERTIFIED ACCURACY ± 1 % NIST TRACEABLE
CYLINDER PRESSURE 2000 PSIG
CERTIFICATION DATE 04/14/99
EXPIRATION DATE 04/14/02 TERM 36 MONTHS

CERTIFIED CONCENTRATION

OXYGEN	8.96 %
CARBON DIOXIDE	17.96 %
NITROGEN	BALANCE

SA 20637

ANALYZED BY JOSEPH CHARLES

CERTIFIED BY PHU TIEN NGUYEN

IMPORTANT
Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any particular purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc. arising out of the use of the information contained herein exceed the fee established for providing such information.

DELTA AIR QUALITY SERVICES, INC.

EPA Method 5
522 Series Meter Box Calibration
Post-Test Orifice Method
English Meter Box Units, English K' Factor

Filename: C:\APEX\[3-wcs-shrt-11-8-99.xls]522ORPO3
Revised: 7/25/95 Version: 2.2

CONVERSION FACTORS

1 mm Hg =	0.13330	kPa
1 cm =	0.39370	inch
1 mm =	0.03937	inch
1 cu ft =	28.32	liters

PROJECT: Epri Hg
Model #: apex
Serial #: 3-wcs

Date: ----------> November 8-9
Barometric Pressure: ----------> 29.92 (in. Hg)
Theoretical Critical Vacuum:---> 14.11 (in. Hg)

!!!!!!!!
IMPORTAN For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.
IMPORTAN The Critical Orifice Coefficient, K', must be entered in English units, (ft)^3*(deg R)^0.5/((in.Hg)*(min)).
!!!!!!!!

---------- DRY GAS METER READINGS ----------									-CRITICAL ORIFICE READINGS-					
dH (in H2O)	Time (min)	Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	Orifice Serial# (number)	K' Orifice Coefficient (see above)	Actual Vacuum (in Hg)	-- Ambient Temperature -- Initial (deg F)	Final (deg F)	Average (deg F)
1.15	10.00	932.000	938.161	6.161	80.0	69.0	80.0	70.0	55	0.459	18.0	69.0	69.0	69.0
1.15	10.00	938.300	944.470	6.170	80.0	70.0	83.0	71.0	55	0.459	18.0	69.0	69.0	69.0
1.15	10.00	944.600	950.789	6.189	84.0	71.0	87.0	72.0	55	0.459	18.0	69.0	70.0	69.5

-- Average Temperatures --

DGM Outlet (deg R)	DGM Overall (deg R)	Ambient Temp (deg R)
529.5	534.8	529.0
530.5	536.0	529.0
531.5	538.5	529.5

********** RESULTS **********

--- DRY GAS METER ---		--------- ORIFICE ---------			-- DRY GAS METER --		--------- ORIFICE ---------		
VOLUME ORRECTE Vm(std) (cu ft)	VOLUME RRECTED Vm(std) (liters)	VOLUME CORRECTE Vcr(std) (cu ft)	VOLUME ORRECTE Vcr(std) (liters)	VOLUME NOMINAL Vcr (cu ft)	CALIBRATION FACTOR Y Value (number)	Variation (number)	CALIBRATION FACTOR dH@ Value (in H2O)	Value (mm H2O)	Variation (in H2O)
6.098	172.7	5.971	169.1	5.985	0.979	-0.001	1.809	45.95	0.003
6.093	172.5	5.971	169.1	5.985	0.980	0.000	1.806	45.87	-0.001
6.083	172.3	5.968	169.0	5.988	0.981	0.001	1.804	45.82	-0.002
		Average Y ------->			0.980		1.806	45.88	<------- Average dH@

CFM @ dH=1 0.558

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

EPA Method 5
Meter Box Calibration
Pre/Post-Test Orifice Method

System I.D.: 3-WCS
Meter Serial #: ADEX

Date: 3/23/99 (in Hg)
Barometric Pressure: 24.80 (in Hg)

DRY GAS METER READINGS											CRITICAL ORIFICE READINGS				
dH (in H2O)	Start Time hh:mm:ss	Stop Time hh:mm:ss	Elapsed Time mm.mm	Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	Orifice Serial# (number)	K' Orifice Coefficient	Actual Vacuum (in Hg)	Ambient Temperature Initial (deg F)	Ambient Temperature Final (deg F)
0.25	16			936.8	941.833	5.033	74	72	73	72	40	.239	21	60	60
0.54	25			925.1	936.44	11.34	72	70	74	72	48	.347	21	60	60
0.96	9			942.3	947.752	5.452	73	72	75	72	55	.459	17	60	60
1.6	10			948.2	955.986	7.786	76	72	78	72	63	.589	18	61	61
2.9	10			957.1	967.815	10.715	78	73	85	74	73	.820	15	61	61

RESULTS

DRY GAS METER VOLUME CORRECTED Vm(std) (cu ft)					ORIFICE VOLUME CORRECTED Vcr(std) (cu ft)		ORIFICE VOLUME NOMINAL Vcr (cu ft)		DRY GAS METER CALIBRATION FACTOR Y Value (number)	DRY GAS METER CALIBRATION FACTOR Variation (number)		ORIFICE CALIBRATION FACTOR dH@ Value (in H2O)		ORIFICE CALIBRATION FACTOR Variation (in H2O)	
4.136					4.159		4.913		1.006	0		1.712		-.037	
9.340					9.435		11.214		1.010	.004		1.758		.009	
4.488					4.493		5.340		1.001	-.005		1.783		.033	
6.403					6.400		7.621		0.999	-.006		1.808		.059	
8.796					8.909		10.610		1.013	.007		1.686		-.063	

Average Y → 1.006

1.749 ← Average dH@

SIGNED: Stafford Pease for Bob Davis

Date: ~~[illegible]~~ 3/23/99

DGM Orifice Calibration Log Sheet

EPA Method 5

Meter Box Calibration

Pre/Post-Test Orifice Method

System I.D.: 3-WCS

Meter Serial #: _____

Date: 7-16-99 (in. Hg)

Barometric Pressure: 29.90 (in. Hg)

DRY GAS METER READINGS											CRITICAL ORIFICE READINGS				
dH (in H2O)	Start Time hhmmss	Stop Time hhmmss	Elapsed Time mm.mm	Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	Orifice Serial# (number)	'K' Orifice Coefficient	Actual Vacuum (in Hg)	Ambient Temperature Initial (deg F)	Ambient Temperature Final (deg F)
2.00	STOP WATCH		8 00	103.602	109.840	6.238	78.0	73.0	81	74	63	0.589	19.	73	74
2.00	↓	↓	8 00	109.840	116.071	6.231	78.0	74.0	82	74	63	0.589	19	73	73
2.00	↓	↓	8 00	116.071	122.315	6.244	79.0	75.0	83	75	63	0.589	19	72	72.5

RESULTS

DRY GAS METER VOLUME CORRECTED Vm(std) (cu ft)	ORIFICE VOLUME CORRECTED Vcr(std) (cu ft)	ORIFICE VOLUME NOMINAL Vcr (cu ft)	DRY GAS METER CALIBRATION FACTOR Y Value (number)	DRY GAS METER CALIBRATION FACTOR Variation (number)	ORIFICE CALIBRATION FACTOR dH@ Value (in H2O)	ORIFICE CALIBRATION FACTOR Variation (in H2O)
6.163	6.097	6.173	0.989	-0.002	1.916	0.005
6.150	6.103	6.167	0.992	0.001	1.910	0.000
6.152	6.105	6.164	0.993	0.001	1.905	-0.005

Average Y ⟶ 0.991

1.912 ⟵ Average dH@

SIGNED: [signature]

Date: 7-16-99

DGM Orifice Calibration Log Sheet

EPA Method 5
Meter Box Calibration
Pre/Post-Test Orifice Method

System I.D.: 3-WCS
Meter Serial#: Apex

Date: 8/4/99 (in. Hg)
Barometric Pressure: 29.74 (in. Hg)

DRY GAS METER READINGS											CRITICAL ORIFICE READINGS				
dH (in H2O)	Start Time hhmm:ss	Stop Time hhmm:ss	Elapsed Time mm.mm	Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	Orifice Serial# (number)	K' Orifice Coefficient	Actual Vacuum (in Hg)	Ambient Temperature Initial (deg F)	Ambient Temperature Final (deg F)
1.2	0	10	10	48.773	54.810	6.037	80	77	82	78	55	.459	21	81	81
1.2		20	10	54.810	61.040	6.230	82	78	84	79				81	82
1.2		30	10	61.040	67.183	6.143	84	79	86	81				82	82

RESULTS

DRY GAS METER VOLUME CORRECTED Vm(std) (cu ft)	ORIFICE VOLUME CORRECTED Vcr(std) (cu ft)	ORIFICE VOLUME NOMINAL Vcr (cu ft)	DRY GAS METER CALIBRATION FACTOR Y Value (number)	DRY GAS METER CALIBRATION FACTOR Variation (number)	ORIFICE CALIBRATION FACTOR dH@ Value (in H2O)	ORIFICE CALIBRATION FACTOR Variation (in H2O)
5.891	5.869	6.052	0.996	.014	1.913	0.002
6.062	5.866	6.055	0.968	-.015	1.912	.001
5.958	5.863	6.058	0.984	.001	1.908	-.003
					1.911	
		Average Y ⟶	0.983		0.543	⟵ Average dH@

SIGNED: [signature]

Date: 8/4/99

DGM Orifice Calibration Log Sheet

EPA Method 5

Meter Box Calibration

Pre/Post-Test Orifice Method

System I.D.: 3-WCS

Meter Serial #: APEX

Date: 10-11-99

Barometric Pressure: 29.92 (in. Hg)

DRY GAS METER READINGS											CRITICAL ORIFICE READINGS				
dH (in H2O)	Start Time hh:mm:ss	Stop Time hh:mm:ss	Elapsed Time mm.mm	Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	Orifice Serial# (number)	K Orifice Coefficient	Actual Vacuum (in Hg)	Ambient Temperature Initial (deg F)	Ambient Temperature Final (deg F)
0.32	0947	1003	16:00	971.53	976.739	5.209	77	73	76	74	40	0.239	21	60	60
0.62	1006	1017	11:00	977.0	982.133	5.133	72	72	73	72	48	0.347	21	60	60
1.20	1019	1028	9:00	982.290	987.87	5.580	72	72	73	72	55	0.459	17	60	60
1.90	1030	1037	7:00	988.3	993.846	5.546	73	72	76	73	63	0.589	18	61	61
3.00	1039	1044	5:00	994.8	1000.265	5.465	76	73	73	73	73	0.820	15	61	61

RESULTS

DRY GAS METER VOLUME CORRECTED Vm(std) (cu ft)					ORIFICE VOLUME CORRECTED Vcr(std) (cu ft)		ORIFICE VOLUME NOMINAL Vcr (cu ft)		DRY GAS METER CALIBRATION FACTOR Y Value (number)	DRY GAS METER CALIBRATION FACTOR Variation (number)		ORIFICE CALIBRATION FACTOR dH@ Value (in H2O)		ORIFICE CALIBRATION FACTOR Variation (in H2O)	
5.143					5.017		4.943		0.976	-0.005		1.812		0.101	
5.098					5.008		4.934		0.982	0.002		1.670		-0.041	
5.550					5.420		5.340		0.977	-0.004		1.847		0.136	
5.512					5.405		5.335		0.980	0.000		1.778		0.067	
5.444					5.374		5.305		0.987	0.007		1.447		-0.264	

Average Y ⟶ 0.980

1.711 ⟵ Average dH@

SIGNED: Tuan Pedregon

Date: 10-11-99

DGM Orifice Calibration Log Sheet

TEMPERATURE SYSTEM CALIBRATION

T_1 Reference Thermometer I.D.: F95-195

T_1 Reference Thermometer I.D.: F95-195

T_1 Reference Thermometer I.D.: F95-195

T/C I.D. #2	Readout I.D.	T/C - Readout °F				Reference Thermometer °F				Difference	
		Reading 1	Reading 2	Reading 3	Average	Reading 1	Reading 2	Reading 3	Average	°F	%, (°R)
T_1	3-WCS	32	32	32	32	32	32	32	32	0	0.0%
T_2	3-WCS	213	213	212	213	212	212	212	212	1	0.1%
T_3	3-WCS	385	387	386	386	390	390	390	390	-4	-0.5%
T_1	6-WCS	33	32	33	33	32	32	32	32	1	0.1%
T_2	6-WCS	214	214	213	214	212	212	212	212	2	0.2%
T_3	6-WCS	387	387	387	387	390	390	390	390	-3	-0.4%
T_1	CC-1	33	33	33	33	32	32	32	32	1	0.2%
T_2	CC-1	216	215	215	215	212	212	212	212	3	0.5%
T_3	CC-1	387	388	387	387	390	390	390	390	-3	-0.3%
T_1	2-WCS	33	33	33	33	32	32	32	32	1	0.2%
T_2	2-WCS	214	214	214	214	212	212	212	212	2	0.3%
T_3	2-WCS	385	384	386	385	390	390	390	390	-5	-0.6%
T_1	5-WCS	33	33	33	33	32	32	32	32	1	0.2%
T_2	5-WCS	213	213	213	213	212	212	212	212	1	0.1%
T_3	5-WCS	382	383	383	383	390	390	390	390	-7	-0.9%
T_1	8-WCS	35	34	34	34	32	32	32	32	2	0.5%
T_2	8-WCS	217	216	216	216	212	212	212	212	4	0.6%
T_3	8-WCS	388	388	387	388	390	390	390	390	-2	-0.3%
T_1	PTC-6	33	32	32	32	32	32	32	32	0	0.1%
T_2	PTC-6	212	212	212	212	212	212	212	212	0	0.0%
T_3	PTC-6	380	381	381	381	390	390	390	390	-9	-1.1%
T_1	PTC-2	35	35	35	35	32	32	32	32	3	0.6%
T_2	PTC-2	213	213	213	213	212	212	212	212	1	0.1%
T_3	PTC-2	384	384	384	384	390	390	390	390	-6	-0.7%
T_1	PTC-1	33	33	33	33	32	32	32	32	1	0.2%
T_2	PTC-1	214	213	214	214	212	212	212	212	2	0.2%
T_3	PTC-1	386	387	387	387	390	390	390	390	-3	-0.4%
T_1	7-WCS	33	33	33	33	32	32	32	32	1	0.2%
T_2	7-WCS	212	212	212	212	212	212	212	212	0	0.0%
T_3	7-WCS	388	388	389	388	390	390	390	390	-2	-0.2%

Notes: Performed on 4-27-99 by D. Wonderly, M. McCune, and L. Pedregon

APEX INSTRUMENTS
EPA Method 5
522 Series Meter Box Calibration
Pre-Test Orifice Method
English Meter Box Units, English K' Factor

Filename: C:\meter cal\Apex\[FERCO BOX 7 -99.xls]scenorth
Revised: 7/25/95 Version: 2.2

Model #: FERCO BOX
Serial #: 1-FERCO

Date: ----------> 07/19/99
Barometric Pressure: ---------> 29.95 (in. Hg)
Theoretical Critical Vacuum:---> 14.13 (in. Hg)

!!!!!!!!
IMPORTAN For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.
IMPORTAN The Critical Orifice Coefficient, K', must be entered in English units, (ft)^3*(deg R)^0.5/((in.Hg)*(min)).
!!!!!!!!

---------- DRY GAS METER READINGS ----------									-CRITICAL ORIFICE READINGS-					
dH (In H2O)	Time (min)	Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	Orifice Serial# (number)	K' Orifice Coefficient (see above)	Actual Vacuum (in Hg)	-- Ambient Temperature -- Initial (deg F)	Final (deg F)	Average (deg F)
0.32	17.00	660.110	665.510	5.400	89.0	86.0	89.0	86.0	40	0.239	19.0	88.0	89.0	88.5
0.71	11.00	665.510	670.552	5.042	88.0	87.0	90.0	87.0	48	0.347	19.0	90.0	90.0	90.0
1.30	11.00	653.403	660.110	6.707	86.0	87.0	89.0	86.0	55	0.459	17.0	85.0	87.0	86.0
2.15	8.00	670.552	676.750	6.198	90.0	87.0	94.0	88.0	63	0.589	15.0	91.0	90.0	90.5
4.20	6.00	647.000	653.403	6.403	86.0	85.0	85.0	87.0	73	0.820	17.0	84.0	84.0	84.0

********** RESULTS **********

--- DRY GAS METER ---		-------- ORIFICE --------			-- DRY GAS METER --		--------- ORIFICE ---------		
VOLUME ORRECTE Vm(std) (cu ft)	VOLUME RRECTED Vm(std) (liters)	VOLUME CORRECTE Vcr(std) (cu ft)	VOLUME ORRECTE Vcr(std) (liters)	VOLUME NOMINAL Vcr (cu ft)	CALIBRATION FACTOR Y Value (number)	Variation (number)	CALIBRATION FACTOR dH@ Value (in H2O)	Value (mm H2O)	Variation (in H2O)
5.215	147.7	5.196	147.1	5.394	0.996	-0.005	1.865	47.38	-0.135
4.869	137.9	4.875	138.0	5.075	1.001	0.000	1.965	49.91	-0.035
6.499	184.0	6.472	183.3	6.688	0.996	-0.005	2.043	51.90	0.043
5.988	169.6	6.015	170.3	6.267	1.005	0.003	2.065	52.46	0.065
6.262	177.4	6.318	178.9	6.505	1.009	0.008	2.063	52.39	0.062
			Average Y ------->		1.001		2.000	50.81	<------- Average dH@
							d	0.530	

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

For Orifice Calibration Factor dH@, the orifice differential pressure in inches of H20 that equates to 0.75 cfm of air at 68 F and 29.92 inches of Hg, acceptable tolerance of individual values from the average is +-0.2.

SIGNED: [signature] Date: 7-19-99

Post test Meter Cal
For Ferco meter

APEX INSTRUMENTS
EPA Method 5
522 Series Meter Box Calibration
Pre-Test Orifice Method
English Meter Box Units, English K' Factor

Filename: C:\My Documents\[posthgferco.xls]scenorth
Revised: 7/25/95 Version: 2.2

Model #:
Serial #:

Date: ——————> 10-29-99
Barometric Pressure: ——————> 29.90 (in. Hg)
Theoretical Critical Vacuum:—> 14.10 (in. Hg)

!!!!!!!
IMPORTAN For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.
IMPORTAN The Critical Orifice Coefficient, K', must be entered in English units, (ft)^3*(deg R)^0.5/((in.Hg)*(min)).
!!!!!!!

dH (in H2O)	Time (min)	DRY GAS METER READINGS: Volume Initial (cu ft)	Volume Final (cu ft)	Volume Total (cu ft)	Initial Temps. Inlet (deg F)	Initial Temps. Outlet (deg F)	Final Temps. Inlet (deg F)	Final Temps. Outlet (deg F)	CRITICAL ORIFICE READINGS: Orifice Serial# (number)	K' Orifice Coefficient (see above)	Actual Vacuum (in Hg)	Ambient Temperature Initial (deg F)	Ambient Temperature Final (deg F)	Ambient Temperature Average (deg F)
1.28	11.00	747.000	753.463	6.463	78.0	71.0	80.0	72.0	53	0.459	17.0	78.0	78.0	78.0
1.28	11.00	754.000	760.491	6.491	79.0	73.0	81.0	75.0	48	0.459	17.0	78.0	78.0	78.0
1.28	11.00	761.000	767.505	6.505	81.0	75.0	81.0	76.0	48	0.459	17.0	78.0	78.0	78.0

********** RESULTS **********

DRY GAS METER: VOLUME ORRECTE Vm(std) (cu ft)	VOLUME RRECTED Vm(std) (liters)	ORIFICE: VOLUME CORRECTE Vcr(std) (cu ft)	VOLUME ORRECTE Vcr(std) (liters)	VOLUME NOMINAL Vcr (cu ft)	DRY GAS METER CALIBRATION FACTOR Y: Value (number)	Variation (number)	ORIFICE CALIBRATION FACTOR dH@: Value (in H2O)	Value (mm H2O)	Variation (in H2O)
6.389	180.9	6.509	184.3	6.639	1.019	0.001	2.042	51.86	0.008
6.395	181.1	6.509	184.3	6.639	1.018	0.000	2.032	51.62	-0.001
6.394	181.1	6.509	184.3	6.639	1.018	0.000	2.026	51.47	-0.007
			Average Y ——>		1.018		2.033	51.65	<—— Average dH@
							CFR @ dH@:	0.526	

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

For Orifice Calibration Factor dH@, the orifice differential pressure in inches of H20 that equates to 0.75 cfm of air at 68 F and 29.92 inches of Hg, acceptable tolerance of individual values from the average is +-0.2.

SIGNED: [signature] Date: 10-29-99

FOSSIL ENERGY RESEARCH CORP
PITOT TUBE DIMENSIONAL CALIBRATION

Pitot tube ID	Coronado Inlet	Tube diameter (D_t)	[illegible]
Date	10/16/96	P_A	.5
Data by	RH SB	P_B	.5

(a) Face opening plane angle = 90 deg (Y/N)?	A	Y
	B	Y
(b) Face opening planes parallell to longitudinal axis (Y/N)?	A	Y
	B	Y
(c) Both legs equal length and centerline coincident?	A	Y
	B	Y
(d) $P_A = P_B$ (Y/N)?		Y
(e) $1.05\ D_t \leq P \leq 1.50\ D_t$ (Y/N)?		Y

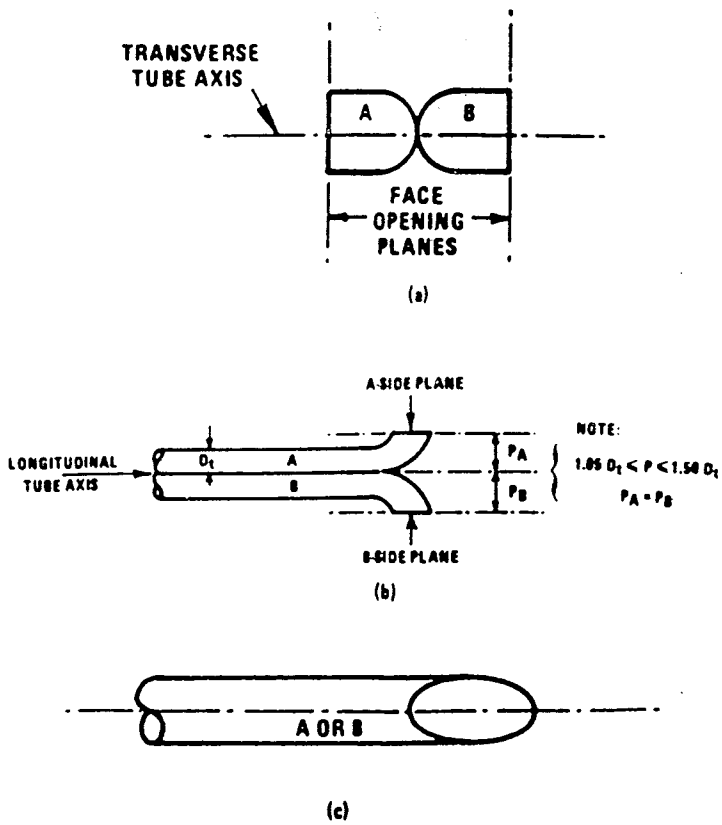


Figure 2-2. Properly constructed Type S pitot tube, shown in: (a) end view; face opening planes perpendicular to transverse axis; (b) top view; face opening planes parallel to longitudinal axis; (c) side view; both legs of equal length and centerlines coincident, when viewed from both sides. Baseline coefficient values of 0.84 may be assigned to pitot tubes constructed this way.

Coronado, San Juan Outlet

FOSSIL ENERGY RESEARCH CORP
PITOT TUBE DIMENSIONAL CALIBRATION

Pitot tube ID	#32 (outlet)	Tube diameter (D_t)	0.375
Date	10/18/99	P_A	
Data by	Finken	P_B	

(a) Face opening plane angle = 90 deg (Y/N)?	A	Y
	B	Y
(b) Face opening planes parallell to longitudinal axis (Y/N)?	A	Y
	B	Y
(c) Both legs equal length and centerline coincident?	A	Y
	B	Y
(d) $P_A = P_B$ (Y/N)?		Y
(e) $1.05\ D_t \leq P \leq 1.50\ D_t$ (Y/N)?		Y

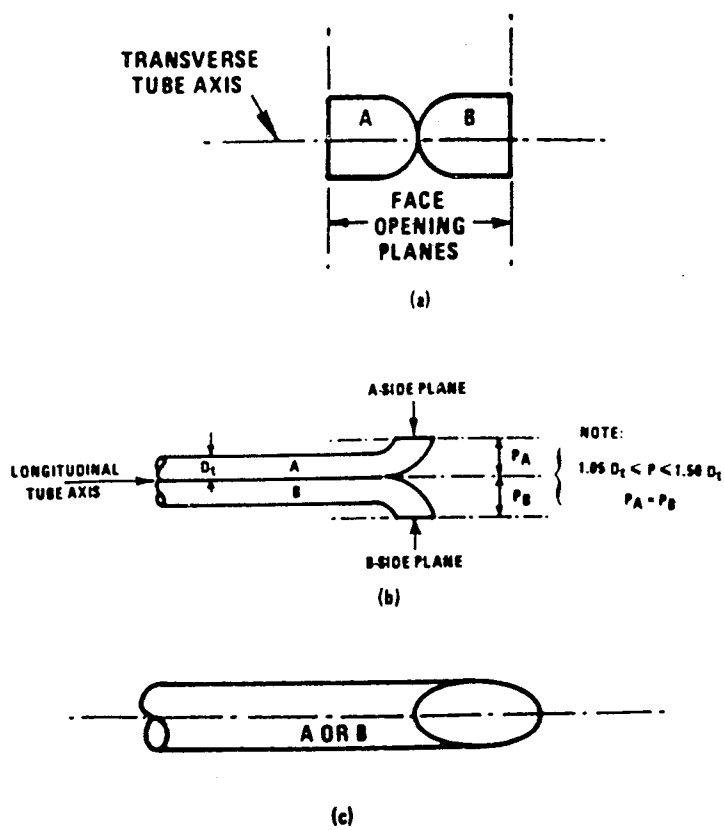


Figure 2-2. Properly constructed Type S pitot tube, shown in: (a) end view; face opening planes perpendicular to transverse axis; (b) top view; face opening planes parallel to longitudinal axis; (c) side view; both legs of equal length and centerlines coincident, when viewed from both sides. Baseline coefficient values of 0.84 may be assigned to pitot tubes constructed this way.

Appendix C. Chain-of-Custody Records

Chain-of-Custody Records

CHAIN OF CUSTODY

CLIENT: Coronado Unit 1, San Juan, Navajo TEST DATE(S): 10/19/99

LOCATION: — SAMPLER(S): JB

SAMPLE LOCATION: — PROJECT MANAGER: Mark McDaniel

TEST METHOD(S): Ontario Hydro Mercury DATE DUE: 45 days

OUTSIDE LAB REQUIRED?: Yes - Philip Analytical COMPLIANCE TEST? Yes - EPA

DATE	TIME	TEST #	SAMPLE DESCRIPTION	CONTAINERS	SAMPLER	COMMENTS
10/19/99	1200	Reagent Blank	3 quarts distilled	3	JB	
			0.1 N HNO_3	1		50 ml
			1 N KCl	1		50 ml
			5% HNO_3/10% H_2O_2	1		50 ml
			H_2SO_4/$KMnO_4$ Bath	1		50 ml
			10% H_2S/10% NaCl	1		100 ml

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	10/19/99 1200		

ANALYSIS REQUIRED:

Delta

CHAIN OF CUSTODY

CLIENT: Cannondale

TEST DATE(S): 10/19/99

LOCATION: Unit 1

SAMPLER(S): BE/PA

SAMPLE LOCATION: Scrubber Inlet and Outlet

PROJECT MANAGER: Mark McDonnell

TEST METHOD(S): Ontario Hydro Mercury

DATE DUE: 45 days

OUTSIDE LAB REQUIRED?: Yes – Philip Analytical

COMPLIANCE TEST? Yes – EPA

DATE	TIME	TEST #	SAMPLE DESCRIPTION	CONTAINERS	SAMPLER	COMMENTS
10/19/99	1200	Inlet-Field Blank	QT-45	1		
			Front half	1		
			KCl imp	2		
			$KMnO_4/H_2O_2$ imp	1		
			$KMnO_4$ imp	1		
10/19/99	1200	Outlet-Field Blank	QT-49	1		
			Probe Rinse & F/H	1		
			$KMnO_4/H_2O_2$ imp	1		
			KCl imp	2		
			$KMnO_4$ imp	1		

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	10/19/99 1200		

ANALYSIS REQUIRED:

Delta

CHAIN OF CUSTODY

CLIENT: Coronado

TEST DATE(S): 10/18/99

LOCATION: Unit 1

SAMPLER(S): BF/PA

SAMPLE LOCATION: Scrubber Inlet & Outlet

PROJECT MANAGER: Mark McDonnel

TEST METHOD(S): Ontario Hydro Mercury

DATE DUE: 45 days from testing

OUTSIDE LAB REQUIRED?: Yes - Phillips Analytical

COMPLIANCE TEST? Yes - EPA

Sample

DATE	TIME	TEST #	SAMPLE DESCRIPTION	CONTAINERS	SAMPLER	COMMENTS
10/18/99	1700	1-Inlet-Hg	Thimble QT-39	1	PA	
			Front half	1		
			KCl imp	2		
			H_2O_2/HNO_3 imp	1		
			$KMnO_4$ imp	1		
10/18/99	1700	1-Out-Hg	Thimble QT-42	1	BF	
			Probe brush & F'h	1		
			KCl imp	2		
			HNO_3/H_2O_2 imp	1		
			$KMnO_4$ imp	1		

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]			
	10/19/99 1700		

ANALYSIS REQUIRED:

Mercury Speciation by OH method

Delta

CHAIN OF CUSTODY

CLIENT: Coronado

TEST DATE(S): 10/19/99

LOCATION: Unit 1

SAMPLER(S): BF/PA

SAMPLE LOCATION: Inlet and Stack

PROJECT MANAGER: Mark McDonnel

TEST METHOD(S): Ontario Hydro Mercury

DATE DUE: 45 days

OUTSIDE LAB REQUIRED?: Yes - Philip Analytical

COMPLIANCE TEST? Yes - EPA

DATE	TIME	TEST #	SAMPLE DESCRIPTION	CONTAINERS	SAMPLER	COMMENTS
10/19/99	1400	2-Inlet-Hg	Thimble # QT-46	1	PA	
			Front 1/2	1		
			KCl imp	2		
			HNO_3/H_2O_2 imp	1		
			$KMnO_4$ imp	1		
		2-Outlet-Hg	Thimble # QT-43	1	BF	
			Front 1/2	1		
			KCl imp	2		
			HNO_3/H_2O_2 imp	1		
			$KMnO_4$ imp	1		

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	10/19/99 1400		

ANALYSIS REQUIRED: Mercury by OH method

Delta

CHAIN OF CUSTODY

CLIENT: Coronado TEST DATE(S): 10/19/99

LOCATION: Unit 1 SAMPLER(S): BF/PA

SAMPLE LOCATION: Scrubber Inlet & Outlet PROJECT MANAGER: Mark McDonnell

TEST METHOD(S): Ontario Hydro Mercury DATE DUE: 45 days

OUTSIDE LAB REQUIRED?: Yes - Philip Analytical COMPLIANCE TEST? Yes - EPA

DATE	TIME	TEST #	SAMPLE DESCRIPTION	CONTAINERS	SAMPLER	COMMENTS
10/19/99	1700	3-Inlet-Hg	Thimble + QT-47	1	PA	
			KCl imp	2		
			Front half	1		
			HNO_3/H_2O_2 imp	1		
			$KMnO_4$ imp	1		
10/19/99	1700	3-Outlet-Hg	Thimble + QT-48	1	BF	
			Probe Wash & F½	1		
			HNO_3/H_2O_2 imp	1		
			KCl imp	2		
			$KMnO_4$ imp	1		

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]			
	10/19/99 1800		

ANALYSIS REQUIRED:

Delta

CHAIN OF CUSTODY

CLIENT: Coronado

TEST DATE(S): 10/18, 10/19/99

LOCATION: Unit 1

SAMPLER(S): M. M./ Facility personnel

SAMPLE LOCATION: Coal Mills, Fly Ash

PROJECT MANAGER: Mark McDaniel

TEST METHOD(S): see test plan

DATE DUE: 30 days from sampling

OUTSIDE LAB REQUIRED?: Yes - Philip Analytical

COMPLIANCE TEST? Yes - EPA

DATE	TIME	TEST #	SAMPLE DESCRIPTION	CONTAINERS	SAMPLER	COMMENTS
10/18/99		1	Coal composite	1	MM/ Facility	Hg, Cl
10/18/99		1	Fly Ash composite	1		Hg
10/19/99		2	Coal composite	1		Hg, Cl
10/19/99		2	Fly Ash composite	1		Hg
10/19/99		3	Coal Composite	1		Hg, Cl
10/19/99		3	Fly Ash Composite	1		Hg

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	10/22/99 1600		

ANALYSIS REQUIRED: Hg & Cl on coal, Hg on fly ash

Delta

List of FERCo Samples Shipped to Philip, October 27, 1999							
Ontario Hydro Samples							
Plant	Description	Test Date	Due Date	Comments			
Craig 1, Craig 3	Reagent Blanks	27-Sep	11-Nov				
Craig 1	Inlet Field Blank	27-Sep	11-Nov				
Craig 1	Stack Field Blank	27-Sep	11-Nov				
Craig 1	1-Inlet	28-Sep	12-Nov				
Craig 1	1-Stack	28-Sep	12-Nov				
Craig 1	2-Inlet	28-Sep	12-Nov				
Craig 1	2-Stack	28-Sep	12-Nov				
Craig 1	3-Inlet	29-Sep	13-Nov				
Craig 1	3-Stack	29-Sep	13-Nov				
Craig 3	Inlet Field Blank	2-Oct	16-Nov				
Craig 3	Stack Field Blank	2-Oct	16-Nov				
Craig 3	1-Inlet	4-Oct	18-Nov				
Craig 3	1-Stack	4-Oct	18-Nov				
Craig 3	2-Inlet	4-Oct	18-Nov				
Craig 3	2-Stack	4-Oct	18-Nov				
Craig 3	3-Inlet	4-Oct	18-Nov				
Craig 3	3-Stack	4-Oct	18-Nov				
Coronado 1, San Juan 2, Navajo 3	Reagent Blanks	19-Oct	3-Dec				
Coronado 1	Inlet Field Blank	19-Oct	3-Dec				
Coronado 1	Outlet Field Blank	19-Oct	3-Dec				
Coronado 1	1-Inlet	18-Oct	2-Dec				
Coronado 1	1-Outlet	18-Oct	2-Dec				
Coronado 1	2-Inlet	19-Oct	3-Dec				
Coronado 1	2-Outlet	19-Oct	3-Dec				
Coronado 1	3-Inlet	19-Oct	3-Dec				
Coronado 1	3-Outlet	19-Oct	3-Dec				
San Juan 2	Inlet Field Blank	22-Oct	6-Dec				
San Juan 2	Outlet Field Blank	22-Oct	6-Dec				
San Juan 2	2-Inlet	21-Oct	5-Dec				
San Juan 2	2-Outlet	21-Oct	5-Dec				
San Juan 2	3-Inlet	22-Oct	6-Dec	Has two filters. Analyze filters separately.			
San Juan 2	3-Outlet	22-Oct	6-Dec	↓			
San Juan 2	4-Inlet	22-Oct	6-Dec				
San Juan 2	4-Outlet	22-Oct	6-Dec				
Navajo 3	Inlet Field Blank	26-Oct	10-Dec				
Navajo 3	Outlet Field Blank	26-Oct	10-Dec				
Navajo 3	1-Inlet	25-Oct	9-Dec				
Navajo 3	1-Outlet	25-Oct	9-Dec				
Navajo 3	2-Inlet	26-Oct	10-Dec				
Navajo 3	2-Outlet	26-Oct	10-Dec				
Navajo 3	3-Inlet	26-Oct	10-Dec				
Navajo 3	3-Outlet	26-Oct	10-Dec				
Total number of samples		42					

List of FERCo Samples Shipped to Philip, October 27, 1999			
Coal Samples, analyze for Hg, Cl			
Plant	Description	Test Date	Target Date
Craig 1	Run 1	28-Sep	12-Nov
Craig 1	Run 2	28-Sep	12-Nov
Craig 1	Run 3	29-Sep	13-Nov
Craig 3	Run 1	4-Oct	18-Nov
Craig 3	Run 2	4-Oct	18-Nov
Craig 3	Run 3	4-Oct	18-Nov
Coronado 1	Run 1	18-Oct	2-Dec
Coronado 1	Run 2	19-Oct	3-Dec
Coronado 1	Run 3	19-Oct	3-Dec
San Juan 2	Run 2	21-Oct	5-Dec
San Juan 2	Run 3	22-Oct	6-Dec
San Juan 2	Run 4	22-Oct	6-Dec
Navajo 3	Run 1	25-Oct	9-Dec
Navajo 3	Run 2	26-Oct	10-Dec
Navajo 3	Run 3	26-Oct	10-Dec
Total number of samples		15	

NOTICE OF SAMPLE RECEIPT-PHILIP ANALYTICAL SERVICES

Attention: Mark McDaniel
Client: Fossil Energy Research Corp.
Re Client Project: Craig
FAX #: 949-859-7916
Phone #: 949-859-4466

Samples for: 'OH' Hg Trans
were received in good condition unless indicated below.

SAMPLE LISTING

Philip ID #	Sample ID	Date Sampled	Date Received
065693	Reagent Blank	99/09/27	99/10/29
065701	Unit 1 Stack-FB	99/09/27	99/10/29
065702	Unit 1 Stack-R1	99/09/28	99/10/29
065703	Unit 1 Stack-R2	99/09/28	99/10/29
065704	Unit 1 Stack-R3	99/09/29	99/10/29
065705	Unit 1 Inlet-FB	99/09/27	99/10/29
065706	Unit 1 Inlet-R1	99/09/28	99/10/29
065707	Unit 1 Inlet-R2	99/09/28	99/10/29
065708	Unit 1 Inlet-R3	99/09/29	99/10/29
065709	Unit 3 Stack-FB	99/10/02	99/10/29
065710	Unit 3 Stack-R1	99/10/04	99/10/29
065711	Unit 3 Stack-R2	99/10/04	99/10/29
065712	Unit 3 Stack-R3	99/10/05	99/10/29
065713	Unit 3 Inlet-FB	99/10/02	99/10/29
065714	Unit 3 Inlet-R1	99/10/04	99/10/29
065715	Unit 3 Inlet-R2	99/10/04	99/10/29
065716	Unit 3 Inlet-R3	99/10/05	99/10/29
065764	Reagent Blank QT40	99/10/19	99/10/29
065766	Unit 1 Stack-FB	99/10/19	99/10/29
065767	Unit 1 Stack-R1	99/10/18	99/10/29
065768	Unit 1 Stack-R2	99/10/19	99/10/29
065769	Unit 1 Stack-R3	99/10/19	99/10/29
065770	Unit 1 Inlet-FB	99/10/19	99/10/29
065771	Unit 1 Inlet-R1	99/10/18	99/10/29
065772	Unit 1 Inlet-R2	99/10/19	99/10/29
065773	Unit 1 Inlet-R3	99/10/19	99/10/29
065782	Unit 2 Stack-FB	99/10/22	99/10/29
065783	Unit 2 Stack-R2	99/10/21	99/10/29
065784	Unit 2 Stack-R3	99/10/22	99/10/29
065786	Unit 2 Stack-R4	99/10/22	99/10/29
065787	Unit 2 Inlet-FB	99/10/22	99/10/29
065788	Unit 2 Inlet-R2	99/10/21	99/10/29
065789	Unit 2 Inlet-R3	99/10/22	99/10/29
065790	Unit 2 Inlet-R4	99/10/22	99/10/29
065831	Unit 3 Stack-FB	99/10/25	99/10/29
065832	Unit 3 Stack-R11	99/10/25	99/10/29

Comments:

Date 99/11/08

NOTICE OF SAMPLE RECEIPT-PHILIP ANALYTICAL SERVICES

Attention: Mark McDaniel
Client: Fossil Energy Research Corp.
Re Client Project: Navajo
FAX #: 949-859-7916
Phone #: 949-859-4466

Samples for: 'DH' Hg Trains
were received in good condition unless indicated below.

SAMPLE LISTING

Philip ID #	Sample ID	Date Sampled	Date Received
065833	Unit 3 Stack-R2	99/10/26	99/10/29
065834	Unit 3 Stack-R3	99/10/26	99/10/29
065835	Unit 3 Inlet-FB	99/10/26	99/10/29
065836	Unit 3 Inlet-R1	99/10/25	99/10/29
065837	Unit 3 Inlet-R2	99/10/26	99/10/29
065838	Unit 3 Inlet-R3	99/10/26	99/10/29

Comments: _____

Date 99/11/08

NOTICE OF SAMPLE RECEIPT-PHILIP ANALYTICAL SERVICES

Attention: Mark McDanAel
Client: Fossil Energy Research Corp.
Re Client Project: Craig
FAX #: 949-859-7916
Phone #: 949-859-4466

Samples for: Hg via 7471 and Cl (coal) via Bomb/IC.
were received in good condition unless
indicated below.

SAMPLE LISTING

Philip ID #	Sample ID	Date Sampled	Date Received
065718	Unit 1 Coal-R1	99/10/05	99/10/29
065719	Unit 1 Coal-R2	99/10/05	99/10/29
065720	Unit 1 Coal-R3	99/10/05	99/10/29
065721	Unit 3 Coal-R1	99/10/04	99/10/29
065722	Unit 3 Coal-R2	99/10/04	99/10/29
065723	Unit 3 Coal-R3	99/10/04	99/10/29
065724	Unit 1 Ash-R1	99/09/28	99/10/29
065725	Unit 1 Ash-R2	99/09/28	99/10/29
065726	Unit 1 Ash-R3	99/09/28	99/10/29
065727	Unit 3 Ash-R1	99/10/04	99/10/29
065728	Unit 3 Ash-R2	99/10/04	99/10/29
065729	Unit 3 Ash-R3	99/10/04	99/10/29
065775	Unit 1 Coal-R1	99/10/18	99/10/29
065776	Unit 1 Coal-R2	99/10/19	99/10/29
065777	Unit 1 Coal-R3	99/10/19	99/10/29
065778	Unit 1 Ash-R1	99/10/18	99/10/29
065779	Unit 1 Ash-R2	99/10/18	99/10/29
065780	Unit 1 Ash-R3	99/10/19	99/10/29
065792	Unit 2 Coal-R2	99/10/22	99/10/29
065793	Unit 2 Coal-R3	99/10/22	99/10/29
065794	Unit 2 Coal-R4	99/10/22	99/10/29
065828	Unit 2 Ash-R2	99/10/21	99/10/29
065829	Unit 2 Ash-R3/4	99/10/22	99/10/29
065840	Unit 3 Coal-R1	99/10/25	99/10/29
065841	Unit 3 Coal-R2	99/10/26	99/10/29
065842	Unit 3 Coal-R3	99/10/26	99/10/29
065843	Unit 3 Ash-R1	99/10/25	99/10/29
065844	Unit 3 Ash-R2	99/10/26	99/10/29
065845	Unit 3 Ash-R3	99/10/26	99/10/29

Comments: _____

Date 99/11/08

Coronado, San Juan, Navajo

Mercury ICR Program

Consumables Record Form and Tracking Log

Reagent	Supplier	Lot Number	Date rec'd	Date opened	Opened by	Meets inspection criteria	Date blank taken	Tests used
Quartz Humbler	Aqueous	NA	7/1/99	7/1/99	JB	Yes	10/19/99	
DI H_2O	Arrowhead/Pelle	NA	9/1/99	10/14/99	JB	Yes cond = 0.8 µmhos	w/ reagents	
30% H_2O_2	Fischer	992088	7/1/99	10/18/99	JB	Yes	w/ HNO_3/H_2O_2 reagent	10/19/99
conc HCl	Fischer	418110	7/1/99	10/14/99	JB	Yes	for cleaning no blank	
Nitric Acid	Fischer	118100	7/1/99	10/14/99	JB	Yes	10/19/99	
NaCl	Fischer	986410	7/20/99	7/20/99	JB	Yes	w/ hydroxylamine	10/19/99
Sulfuric acid	Fischer	318061	7/1/99	10/14/99	JB	Yes	w/ $KMnO_4$/H_2SO_4	10/19/99
Potassium Chloride	Fischer	986514	7/1/99	10/14/99	JB	Yes	10/19/99	
Hydroxylamine Sulfate	Fischer	991665	7/1/99	7/1/99	JB	Yes	10/19/99	
Potassium Permanganate	Fischer	987715	7/1/99	10/14/99	JB	Yes	w/ $KMnO_4$/H_2SO_4	10/19/99

Reagent Chain of Custody

Project Number: Coronado, San Juan Navaho Project Name: _____

Filters:

Type/Numbers

Quartz thimbles, 83 mm quartz filters, 47 mm quartz filters

Reagents:

Type/Lot Numbers (see Consumables record for Lot #'s)

DI H_2O (15 gal), 30 to H_2O_2, conc HCl, conc HNO_3, conc H_2SO_4, solid NaCl, hydroxylamine sulfate, KCl, $KMnO_4$

1:1 HNO_3 (2) 10 to HNO_3 (3) 10 to HAS / 10 to NaCl (1) 0.1 N HNO_3 (6)

KCl soln (12 l), 10 to H_2SO_4 (400 ml × 24) preweighed $KMnO_4$ (16 g & 5 g)

Laboratory Supplies:

glass graduated cylinders, plastic grad cylinders, beakers, pipettes & bulbs, wash bottles (12)

24 cs 500 ml sample bottles (glass-precleaned)

5 cs 250 ml glass sample bottles

General Supplies:

Parafilm, paper towels, scissors, split paper, teflon coated tweezers, teflon coated spatula, teflon brushes, teflon spatula for removing particulate, gloves, Kimwipes, teflon tape, vermiculite, Ziploc bags, awl

Released By: [signature] Date: 10/14/99

Received By: _____ Date: _____

Appendix D. Analytical Lab Reports

Gas Samples

Coal Samples

Certificate of Analysis

CLIENT INFORMATION		LABORATORY INFORMATION	
Attention:	Mark McDaniel	**Contact:**	Ron McLeod
Client Name:	Fossil Energy Research Corp.	**Project:**	AN991387
Project:	Coronado	**Date Received:**	99/10/29
Project Desc:	Coronado Unit 1	**Date Reported:**	99/12/20
Address:	23342 C South Pointe Laguna Hills, CA CA 92653	**Submission No.:**	9K0069
		Sample No.:	065763-065773
Fax Number:	949-859-7916		
Phone Number:	949-859-4466		

NOTES: ***"-" = not analysed '<' = less than Method Detection Limit (MDL) 'NA' = no data available***
LOQ can by determined for all analytes by multiplying the appropriate MDL X 3.33
Solids data is based on dry weight except for biota analyses.
Organic analyses are not corrected for extraction recovery standards except for isotope dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)

Methods used by PASC are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', Nineteenth Edition. Other methods are based on the principles of MISA or EPA methodologies. New York State: ELAP Identification Number 10756.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied. Your samples will be retained at PASC for a period of three weeks from receipt of data or as per contract.

COMMENTS: **Revised Report: Jan 28th, 2000**

Certified by: _____

PASC - Certificate of Analysis

			Method	Blank	Blank	Blank	Blank	Reagent	Reagent	Unit 1	Unit 1	Unit 1
	Client ID:		Blank	Spike #1	Spike #1	Spike #2	Spike #2	Blank QT40	Blank QT41	Stack-FB	Stack-R1	Stack-R1
	Lab No.:		065763 99	065763 99	065763 99	065763 99	065763 99	065764 99	065765 99	065766 99	065767 99	065767 99
	Date Sampled:		-	-	-	-	-	99/10/19	99/10/19	99/10/19	99/10/18	99/10/18
Component	**MDL**	**Units**			% Recoveries		% Recoveries					Duplicate
Mercury - filter - bulk	0.010	ug	<	0.099	99	0.10	100	<0.070	<0.070	<0.070	<0.070	<0.070
Mercury - hydroxylamine	0.010	"	<	0.096	96	0.094	94	<	-	-	-	-
Mercury - KCl	0.030	"	<	0.30	99	0.30	99	<0.10	-	<0.10	0.11	0.10
Mercury - KMnO4	0.030	"	<	0.30	100	0.31	100	<0.050	-	<0.050	8.2	8.2
Mercury - H202	0.010	"	<	0.24	96	0.25	99	<0.25	-	<0.25	<0.25	<0.25

PASC - Certificate of Analysis

			Unit 1	Unit 1	Unit 1	Unit 1	Unit 1	Unit 1	Unit 1	Unit 1	Unit 1
	Client ID:		Stack-R1	Stack-R1	Stack-R1	Stack-R1	Stack-R2	Stack-R3	Inlet-FB	Inlet-R1	Inlet-R1
	Lab No.:		065767 99	065767 99	065767 99	065767 99	065768 99	065769 99	065770 99	065771 99	065771 99
	Date Sampled:		99/10/18	99/10/18	99/10/18	99/10/18	99/10/19	99/10/19	99/10/19	99/10/18	99/10/18
Component	**MDL**	**Units**	M. Spike	MS % Rec.	MS Dup	MSD % Rec.					Duplicate
Mercury - filter - bulk	0.010	ug	0.70	99	0.69	97	0.12	0.16	<0.070	<0.070	<0.070
Mercury - hydroxylamine	0.010	"	-	-	-	-	-	-	-	-	-
Mercury - KCl	0.030	"	1.1	100	1.1	100	<0.10	0.19	<0.10	1.3	-
Mercury - KMnO4	0.030	"	18	95	18	94	4.5	4.4	<0.050	2.9	-
Mercury - H202	0.010	"	2.3	93	2.4	94	<0.25	<0.25	<0.25	<0.25	-

note - new value is 2.6 µg
see attached e-mail

PASC - Certificate of Analysis

	Client ID:		Unit 1 Inlet-R1	Unit 1 Inlet-R1	Unit 1 Inlet-R1	Unit 1 Inlet-R1	Unit 1 Inlet-R2	Unit 1 Inlet-R3
	Lab No.:		065771 99	065771 99	065771 99	065771 99	065772 99	065773 99
	Date Sampled:		99/10/18	99/10/18	99/10/18	99/10/18	99/10/19	99/10/19
Component	**MDL**	**Units**	M. Spike	MS % Rec.	MS Dup	MSD % Rec.		
Mercury - filter - bulk	0.010	ug	0.70	99	0.73	100	<0.070	<0.070
Mercury - hydroxylamine	0.010	"	-	-	-	-	-	-
Mercury - KCl	0.030	"	-	-	-	-	1.1	1.4
Mercury - KMnO4	0.030	"	-	-	-	-	2.5	2.4
Mercury - H202	0.010	"	-	-	-	-	<0.25	<0.25

Batch Code:	**12174NFB**	**12175NFB**
Mercury - filter - bulk	065763 99	065771 99
	065764 99	065773 99
	065765 99	
	065766 99	
	065767 99	
	065768 99	
	065769 99	
	065770 99	
	065772 99	
Run Date:	99/12/17	99/12/17
Date of Sample Prep:	99/12/17	99/12/17

Batch Code:	**11181BHY**
Mercury - hydroxylamine	065763 99
	065764 99
Run Date:	99/11/18
Date of Sample Prep:	99/11/18

Batch Code:	**12011NKC**
Mercury - KCl	065763 99
	065764 99
	065766 99
	065767 99
	065768 99
	065769 99
	065770 99
	065771 99
	065772 99
	065773 99
Run Date:	99/12/01
Date of Sample Prep:	99/12/01

Batch Code:	**12021NM4**	**12022NM4**
Mercury - KMnO4	065763 99	065770 99
	065764 99	065771 99
	065766 99	065772 99
	065767 99	065773 99
	065768 99	
	065769 99	
Run Date:	99/12/02	99/12/03
Date of Sample Prep:	99/12/02	99/12/02

Batch Code:	**12101BPO**
Mercury - H202	065763 99
	065764 99
	065766 99
	065767 99
	065768 99
	065769 99

PASC - Summary of Analysis Pre. Dates

	065770 99
	065771 99
	065772 99
	065773 99
Run Date:	99/12/10
Date of Sample Prep:	99/12/10

Subject: Re-Checked Data
Date: Thu, 17 Feb 2000 11:24:20 -0500
From: "McLeod, Ron" <RMcLeod@philipinc.com>
To: mmcdannel <mmcdannel@ferco.com>
CC: Ron McLeod <RMcLeod@philipinc.com>

We have re-analyzed all of the KCl and KMnO4 samples for the two projects.

All data is confirmed except for the KMnO4 results on 065768 99 which was 4.5 ug prior and 2.6 ug this time.

We see no reason for the descrepancy and the data from both sets were calculated in the same way.
Perhaps the digestion was incomplete on the re-analysis.

We will re-digest and re-run this one again.

Ron

PHILIPS ANALYTICAL SERVICES--MERCURY SAMPLES

PROJECT DESCRIPTION: Coronado Unit 1

ZENON ID#	SAMPLE ID	SAMPLE TYPE	VOLUME, ml	CONCENTRATION, ug/L			STANDARD DEVIATION
65764	Reagent Blank QT40	KCL	50	0.042	0.043		0.001
		KMNO4	48	<0.03	<0.03		NA
65766	Unit 1 Stack Field Blank	KCL	1000	0.076	0.077		0.001
		KMNO4	500	<0.03	<0.03		NA
65767	Unit 1 Stack R1	KCL	1000	0.174	0.171	0.175	0.002
		KMNO4	500	15.5	15.8	15.4	0.208
65768	Unit 1 Stack R2	KCL	1000	0.16	0.178		0.013
		KMNO4	500	5.03	5.01		0.014
65769	Unit 1 Stack R3	KCL	1000	0.27	0.267		0.002
		KMNO4	500	7.76	7.85		0.064
65770	Unit 1 Inlet Field Blank	KCL	1000	0.06	0.046		0.010
		KMNO4	500	<0.03	<0.03		NA
65771	Unit 1 Inlet R1	KCL	1000	1.322	1.355		0.023
		KMNO4	500	7.02	7.26		0.170
65772	Unit 1 Inlet R2	KCL	1000	1.134	1.151		0.012
		KMNO4	500	4.33	5.1		0.544
65773	Unit 1 Inlet R3	KCL	1000	1.375	1.414		0.028
		KMNO4	500	5.33	5.33		0.000

Results received from EERC via e-mail

CALIBRATION CURVE, QC, CHECK STANDARD AND LAB SPIKING INFORMATION								
DATE:	02/22/2000							
	Calibration Standards:		0, 1, 5, 10, 20 ppb			R=0.9999		QC= 3.97 (4.00)
	Check Standard:(5.00)	Avg.=	5.10	Standard Deviation =		5± 0.110		
ZENON ID#	SAMPLE ID	SAMPLE TYPE	SPIKE AMOUNT (ppb)	SAMPLE READING(ug/L)		SPIKE READING(ug/L)		SPIKE RECOVERY%
65767	Unit 1 Stack R1	KCL	5	0.173		4.718		**90.90**
65767	Unit 1 Stack R1	KCL	10	0.173		9.282		**91.09**
65767	Unit 1 Stack R1	KMNO4	5	15.57		20.5		**98.60**
65767	Unit 1 Stack R1	KMNO4	10	15.57		25.2		**96.30**

PHILIP SERVICES

Certificate of Analysis

CLIENT INFORMATION

Attention: Mark McDaniel
Client Name: Fossil Energy Research Corp.
Project: Coronado
Project Desc: Coronado Unit 1

Address: 23342 C South Pointe
Laguna Hills, CA
CA 92653
Fax Number: 949-859-7916
Phone Number: 949-859-4466

LABORATORY INFORMATION

Contact: Ron McLeod
Project: AN991387
Date Received: 99/10/29
Date Reported: 99/12/16

Submission No.: 9K0069
Sample No.: 065774-065780

NOTES: ***'-' = not analysed '<' = less than Method Detection Limit (MDL) 'NA' = no data available***
LOQ can by determined for all analytes by multiplying the appropriate MDL X 3.33
Solids data is based on dry weight except for biota analyses.
Organic analyses are not corrected for extraction recovery standards except for isotope dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)

Methods used by PASC are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', Nineteenth Edition. Other methods are based on the principles of MISA or EPA methodologies. New York State: ELAP Identification Number 10756.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied. Your samples will be retained at PASC for a period of three weeks from receipt of data or as per contract.

COMMENTS:

Certified by:

PHILIP ANALYTICAL SERVICES CORPORATION
5555 North Service Road, Burlington, Ontario, Canada L7L 5H7 Tel: (905) 332-8788 Fax: (905) 332-9169

Certificate of Analysis

CLIENT INFORMATION		LABORATORY INFORMATION	
Attention:	Mark McDaniel	**Contact:**	Ron McLeod
Client Name:	Fossil Energy Research Corp.	**Project:**	AN991387
Project:	Coronado	**Date Received:**	99/10/29
Project Desc:	Coronado Unit 1	**Date Reported:**	99/12/16
Address:	23342 C South Pointe Laguna Hills, CA CA 92653	**Submission No.:**	9K0069
		Sample No.:	065774-065780
Fax Number:	949-859-7916		
Phone Number:	949-859-4466		

NOTES: ***"-" = not analysed '<' = less than Method Detection Limit (MDL) 'NA' = no data available***
LOQ can by determined for all analytes by multiplying the appropriate MDL X 3.33
Solids data is based on dry weight except for biota analyses.
Organic analyses are not corrected for extraction recovery standards except for isotope dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)

Methods used by PASC are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', Nineteenth Edition. Other methods are based on the principles of MISA or EPA methodologies. New York State: ELAP Identification Number 10756.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied. Your samples will be retained at PASC for a period of three weeks from receipt of data or as per contract.

COMMENTS:

Certified by: _____

PASC - Certificate of Analysis

			Method Blank	Blank Spike	Blank Spike	Unit 1 Coal-R1	Unit 1 Coal-R2	Unit 1 Coal-R3	Unit 1 Ash-R1	Unit 1 Ash-R2	Unit 1 Ash-R3
Client ID:			Method Blank	Blank Spike	Blank Spike	Unit 1 Coal-R1	Unit 1 Coal-R2	Unit 1 Coal-R3	Unit 1 Ash-R1	Unit 1 Ash-R2	Unit 1 Ash-R3
Lab No.:			065774 99	065774 99	065774 99	065775 99	065776 99	065777 99	065778 99	065779 99	065780 99
Date Sampled:			-	-	-	99/10/18	99/10/19	99/10/19	99/10/18	99/10/18	99/10/19
Component	**MDL**	**Units**			% Recoveries						
Total Chlorine (as Cl)	0.0005	(%)	-	-	-	0.010	<0.010	0.020	-	-	-
Mercury	0.04	mg/kg	<	1.0	100	<	<	<	<	<	<

PASC - Summary of Analysis Pre. Dates

Batch Code:	**1111LTA2**
Mercury	065774 99
	065775 99
	065776 99
	065777 99
	065778 99
	065779 99
	065780 99
Run Date:	99/11/12
Date of Sample Prep:	99/11/11

FRONTIER GEOSCIENCES INC.
ENVIRONMENTAL RESEARCH & SPECIALTY ANALYTICAL LABORATORY
(206) 622-6960 • FAX: (206) 622-6870
E-MAIL: INFO@FRONTIER.WA.COM
414 PONTIUS NORTH • SEATTLE, WA 98109

January 11, 2000

Mark McDannel
Fossil Energy Research Corp.
23342C South Pointe
Laguna Hills, CA 92653

SUBJECT: RESULTS FOR RUSH COAL SAMPLES

Dear Mr. McDannel,

Attached please find results for your rush samples. There are no analytical issues associated with these results and all of the associated quality control results look good.

Please call or e-mail (jamesk@frontier.wa.com) me if you have any questions or concerns.

Sincerely,

James Keithly

Frontier Geosciences Inc
Quality Assurance Data Tables

QA Table 1: Data Set Matrix Duplicate Analysis

Lab Sample ID	Lab Data Set	Rep 1 ng Hg/gram	Rep 2 ng Hg/gram	Average Result ng Hg/gram	Matrix Duplicate RPD
another client	990107	18.98 ng/g	17.35 ng/g	18.16	8.9%

QA Table 2: Data Set Matrix Spike Recovery (100ng Hg/sample Matrix Spike)

Lab Sample ID	Lab Data Set	Amt Spiked Per Gram ng Hg/gram	Spike Result ng Hg/gram	Amount Recovered ng Hg/gram	Matrix Spike Rec. %
another client	990107	193.87	229.57	211.41	109.0%
another client	990107	198.14	208.16	190.00	95.9%

Average Matrix Spike Recovery = 102.5%

QA Table 3: Standard Reference Material Recovery

IMPORTANT NOTE: SRM 1630a
Note the certified value for this SRM is being revised as a result of a recent round-robin study. Frontier was informed that the new certified value will be 85 ng/g. Therefore, we are altering the true value for this report.

Results: SRM 1630a Trace Mercury in Coal					
Lab Sample ID	Lab Data Set	Reference Value ng Hg/gram	Measured Value ng Hg/gram	Excepted Recovery Range (%)	Actual Recovery %
NIST 1630a	991217	85	97.2	75-125	114.3%

CONFIDENTIAL DATA

Table 1: Results of Mercury Analysis - Fossil Energy Research Corp.
Frontier Geosciences Inc

			Reagent and System Blank Corrected			
Sample ID	Lab Data Set	Total Hg ng Hg/gram	Matrix Duplicate ng Hg/gram	Matrix Duplicate RPD	Matrix Dup Average ng Hg/gram	As Received ppm Hg (ug Hg/gram)
Coronado 1, Run 1, 10/18/99	THg51-990107	29.95 ng/g				0.030
Coronado 1, Run 2, 10/19/99	THg51-990107	34.32 ng/g				0.034
Coronado 1, Run 3, 10/19/99	THg51-990107	27.25 ng/g				0.027

Estimated MDL - 990107	**0.002 ug Hg/g**

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908®

SGS Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
4665 PARIS STREET
SUITE B-200
DENVER, CO 80239
TEL: (303) 373-4772
FAX: (303) 373-4791

November 16, 1999

FOSSIL ENERGY RESEARCH
23342 C South Pointe
Laguna Hills CA 92653

Sample identification by
FOSSIL ENERGY RESEARCH CORP.

SAMPLE ID: CORONADO 1
TEST 1
REQUISITION NO: 99-6693-1463

Kind of sample COAL

Sample taken by FOSSIL ENERGY RESEARCH CORP.

Date sampled October 18, 1999

Date received November 11, 1999

Analysis report no. 72-417092

SHORT PROXIMATE ANALYSIS

	As Received	Dry Basis
% Moisture	13.26	xxxxx
%Ash	15.41	17.76
Btu/lb	9704	11187
% Sulfur	0.46	0.53

MAF BTU/lb	13603		
lb SO_2/mm Btu	0.95	lb Sulfur/mm Btu	0.47
% Air Dry Loss	7.76	As Received Net Sample Wt.	1451.50 g

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Denver Laboratory

MEMBER ACIL

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908®

SGS Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
4665 PARIS STREET
SUITE B-200
DENVER, CO 80239
TEL: (303) 373-4772
FAX: (303) 373-4791

November 16, 1999

FOSSIL ENERGY RESEARCH
23342 C South Pointe
Laguna Hills CA 92653

Sample identification by
FOSSIL ENERGY RESEARCH CORP.

SAMPLE ID: CORONADO 1
TEST 2
REQUISITION NO: 99-6693-1463

Kind of sample COAL

Sample taken by FOSSIL ENERGY RESEARCH CORP.

Date sampled October 19, 1999

Date received November 11, 1999

Analysis report no. 72-417093

SHORT PROXIMATE ANALYSIS

	As Received	Dry Basis
% Moisture	13.62	xxxxx
%Ash	14.75	17.08
Btu/lb	9881	11439
% Sulfur	0.42	0.49

MAF BTU/lb	13795		
lb SO_2/mm Btu	0.85	lb Sulfur/mm Btu	0.43
% Air Dry Loss	8.79	As Received Net Sample Wt.	1072.80 g

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Denver Laboratory

MEMBER ACIL

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908®

SGS Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
4665 PARIS STREET
SUITE B-200
DENVER, CO 80239
TEL: (303) 373-4772
FAX: (303) 373-4791

November 16, 1999

FOSSIL ENERGY RESEARCH
23342 C South Pointe
Laguna Hills CA 92653

Sample identification by
FOSSIL ENERGY RESEARCH CORP.

SAMPLE ID: CORONADO 1
TEST 3
REQUISITION NO: 99-6693-1463

Kind of sample COAL

Sample taken by FOSSIL ENERGY RESEARCH CORP.

Date sampled October 19, 1999

Date received November 11, 1999

Analysis report no. 72-417094

SHORT PROXIMATE ANALYSIS

	As Received	Dry Basis
% Moisture	13.53	xxxxx
%Ash	15.78	18.25
Btu/lb	9738	11262
% Sulfur	0.44	0.51

MAF BTU/lb	13776		
lb SO_2/mm Btu	0.90	lb Sulfur/mm Btu	0.45
% Air Dry Loss	7.04	As Received Net Sample Wt.	1333.40 g

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Denver Laboratory

MEMBER ACIL

Appendix E. Audit Data Sheets

(no audits performed)

Appendix F. List of Participants

List of Participants		
Coronado Unit 1 Hg Emissions Testing		
Name	*Position on Test Team*	*Affiliation*
Mark McDannel	Team Leader, Data Reduction	Fossil Energy Research Corp.
Arlene Bell	Project Chemist, Sample Recovery and Custody	Delta Air Quality Services
Robert Finken	Outlet Sampling Leader	Delta Air Quality Services
Lawrence Pedregon	Outlet Assistant	Delta Air Quality Services
Paul Anderson	Inlet Sampling Leader	Fossil Energy Research Corp.
Jerry Bovee	Inlet Assistant	Fossil Energy Research Corp.
Ron McLeod	Laboratory Analyses	Philip Analytical Services
James Wood	Coronado Project Manager and Site Coordinator	Salt River Project

Appendix G. Additional Information

CEMS Data

ESP Data

Scrubber Data

Fuel Flow Data

Boiler Data

Enertec NTDAHS®
Average Values Report
10/19/99 10:11

Company: SRP - Coronado, Unit 1
Plant: Coronado Generating Station
City/St: St. Johns, AZ 85936
Source: UNIT, STACK

Period Start: 10/18/99 14:00
Period End: 10/18/99 17:00
Validation Type: 1/15 min
Averaging Period: 15 min
Type: Block Avg

Period Start	Average 1 Gross MW MW	Average 1 Stk Flow kscfm	Average 1 Stk Temp deg F	Average 1 CO2 pct %	Average 1 NOx ppm ppm	Average 1 SO2 ppm ppm	Average 1 Opacity %
10/18/99 14:00	425.9	925.5	212.2	13.18	320.1	223.7	10
10/18/99 14:15	425.7	924.7	212.3	13.17	323.1	225.3	10
10/18/99 14:30	426.1	920.3	212.6	13.29	320.9	225.3	10
10/18/99 14:45	425.9	921.4	213.3	12.17	293.6	209.0	10
10/18/99 15:00	426.1	915.3	213.6	13.45	304.2	226.0	10
10/18/99 15:15	426.0	918.3	214.6	13.34	323.1	225.4	10
10/18/99 15:30	425.9	918.2	214.9	13.33	323.7	227.5	10
10/18/99 15:45	425.8	920.4	215.2	13.39	297.7	227.0	10
10/18/99 16:00	430.0	930.2	216.1	13.32	310.0	226.4	10
10/18/99 16:15	430.9	933.2	216.3	13.37	312.4	228.9	10
10/18/99 16:30	431.2	937.0	217.4	13.31	304.0	228.9	10
10/18/99 16:45	430.8	937.0	217.7	13.39	308.7	228.7	10
10/18/99 17:00	430.8	931.5	218.9	13.39	300.5	232.0	10
Final Average*	**427.8**	**925.6**	**215.0**	**13.24**	**310.9**	**225.7**	**10**
Maximum*	431.2	937.0	218.9	13.45	323.7	232.0	10
Minimum*	425.7	915.3	212.2	12.17	293.6	209.0	10

*Does not include Invalid Averaging Periods ("N/A")

Enertec NTDAHS®
Average Values Report
10/19/99 12:18

Company: SRP - Coronado, Unit 1
Plant: Coronado Generating Station
City/St: St. Johns, AZ 85936
Source: UNIT, STACK

Period Start: 10/19/99 08:00
Period End: 10/19/99 11:15
Validation Type: 1/15 min
Averaging Period: 15 min
Type: Block Avg

Period Start	Average 1 Gross MW MW	Average 1 Stk Flow kscfm	Average 1 Stk Temp deg F	Average 1 CO2 pct %	Average 1 NOx ppm ppm	Average 1 SO2 ppm ppm	Average 1 Opacity %
10/19/99 08:00	430.7	905.7	204.4	13.72	304.5	238.0	9
10/19/99 08:15	431.3	909.5	206.8	13.77	304.1	238.4	9
10/19/99 08:30	430.4	913.7	209.6	13.59	299.9	239.4	10
10/19/99 08:45	431.1	915.9	212.2	13.58	307.9	238.8	10
10/19/99 09:00	430.8	913.2	213.0	13.56	312.2	240.0	10
10/19/99 09:15	431.1	913.0	215.6	13.58	316.4	239.7	9
10/19/99 09:30	429.4	906.9	215.7	13.59	316.3	240.2	9
10/19/99 09:45	431.4	913.4	217.9	13.62	319.8	242.0	9
10/19/99 10:00	431.1	917.4	217.7	13.44	316.3	239.0	9
10/19/99 10:15	431.0	921.5	220.1	13.42	322.1	239.7	9
10/19/99 10:30	430.8	917.8	219.4	13.38	318.0	239.9	9
10/19/99 10:45	431.0	923.7	222.4	13.36	319.5	240.1	9
10/19/99 11:00	430.9	914.6	221.2	13.41	317.9	239.3	8
10/19/99 11:15	431.0	916.6	224.0	13.62	319.7	241.3	8
Final Average*	**430.9**	**914.5**	**215.7**	**13.54**	**313.9**	**239.7**	**9**
Maximum*	431.4	923.7	224.0	13.77	322.1	242.0	10
Minimum*	429.4	905.7	204.4	13.36	299.9	238.0	8

*Does not include Invalid Averaging Periods ("N/A")

Enertec NTDAHS®
Average Values Report
10/19/99 15:28

Company: SRP - Coronado, Unit 1
Plant: Coronado Generating Station
City/St: St. Johns, AZ 85936
Source: UNIT, STACK

Period Start: 10/19/99 12:00
Period End: 10/19/99 15:15
Validation Type: 1/15 min
Averaging Period: 15 min
Type: Block Avg

Period Start	Average 1 Gross MW MW	Average 1 Stk Flow kscfm	Average 1 Stk Temp deg F	Average 1 CO2 pct %	Average 1 NOx ppm ppm	Average 1 SO2 ppm ppm	Average 1 Opacity %
10/19/99 12:00	431.9	905.9	224.2	13.75	318.3	241.7	8
10/19/99 12:15	430.8	903.1	224.5	13.70	321.2	240.5	8
10/19/99 12:30	431.5	906.0	224.9	13.75	321.0	243.2	8
10/19/99 12:45	430.7	912.2	224.8	13.58	324.6	242.2	8
10/19/99 13:00	431.5	911.7	225.7	13.60	317.0	242.5	8
10/19/99 13:15	430.8	905.7	225.0	13.58	320.5	242.5	9
10/19/99 13:30	430.8	919.4	228.4	13.51	323.9	242.7	8
10/19/99 13:45	430.2	922.9	231.1	13.49	316.1	241.4	9
10/19/99 14:00	431.3	925.0	229.9	13.44	314.5	241.8	8
10/19/99 14:15	430.3	920.4	228.8	13.48	314.5	242.6	9
10/19/99 14:30	432.4	929.5	230.8	13.53	323.5	241.8	8
10/19/99 14:45	430.5	928.6	228.4	13.66	322.2	241.1	9
10/19/99 15:00	431.6	928.3	231.3	13.54	324.7	241.6	8
10/19/99 15:15	431.1	920.4	242.4	13.51	320.5	273.0	8
Final Average*	**431.1**	**917.1**	**228.6**	**13.58**	**320.2**	**244.2**	**8**
Maximum*	432.4	929.5	242.4	13.75	324.7	273.0	9
Minimum*	430.2	903.1	224.2	13.44	314.5	240.5	8

*Does not include Invalid Averaging Periods ("N/A")

Actual Values At: 2:14:37 PM

SaltRiverProj CGS

Printed At:

10/18/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	69.0	229	411	30.2	45.0	14.7	11.7	1.6	100.0	1.6	100.0
1N2B	54.0	215	300	27.7	45.0	7.4	5.9	1.7	100.0	1.7	100.0
1N1/2C	70.0	190	600	25.1	31.0	12.4	13.5	1.6	100.0	1.6	100.0
1N1/2D	92.0	192	509	24.5	28.0	13.3	11.1	1.6	100.0	1.6	100.0
1N1/2E	70.0	167	415	22.0	20.0	12.1	10.0	1.5	100.0	1.5	100.0
1N1/2F	122	171	830	20.0	20.0	16.1	13.1	1.5	100.0	1.5	100.0
1N1/2G	97.0	170	794	19.2	12.0	12.5	13.3	1.5	100.0	1.5	100.0
1N3B	67.0	217	363	28.1	45.0	10.7	8.1	1.7	100.0	1.7	100.0
1N4B	66.0	205	371	26.5	45.0	9.9	7.8	1.7	100.0	1.7	100.0
1N3/4C	100.0	183	584	21.8	30.0	17.7	12.9	1.5	100.0	1.5	100.0
1N3/4D	126	187	723	21.6	19.0	17.5	13.4	1.4	100.0	1.4	100.0
1N3/4E	159	174	984	18.2	22.0	21.5	15.4	1.4	100.0	1.4	100.0
1N3/4F	138	146	1280	17.6	15.0	18.7	14.3	1.4	100.0	1.4	100.0
1N3/4G	165	164	1102	17.4	15.0	21.1	15.2	1.4	100.0	1.4	100.0
1N5B	87.0	217	521	26.9	45.0	13.8	10.9	1.6	100.0	1.6	100.0
1N6B	35.0	191	166	27.6	44.0	6.0	4.6	1.9	100.0	1.9	100.0
1N5/6C	89.0	175	565	23.2	29.0	15.2	12.5	1.6	100.0	1.6	100.0
1N5/6D	100.0	180	640	21.8	29.0	14.8	6.1	1.6	100.0	1.6	100.0
1N5/6E	124	169	841	20.1	21.0	19.6	15.9	1.4	100.0	1.4	100.0
1N5/6F	164	173	1185	18.4	21.0	24.6	19.2	1.4	100.0	1.4	100.0
1N5/6G	158	164	1138	17.9	19.0	26.6	21.7	1.4	100.0	1.4	100.0
1S1B	50.0	219	245	36.9	43.0	9.3	8.1	1.8	100.0	1.8	100.0
1S2B	41.0	212	221	28.8	47.0	7.2	5.8	1.8	100.0	1.8	100.0
1S1/2C	85.0	202	545	21.7	29.0	15.5	11.3	1.5	100.0	1.5	100.0
1S1/2D	86.0	184	474	23.4	24.0	11.6	8.8	1.6	100.0	1.6	100.0
1S1/2E	103	178	758	17.9	20.0	14.4	11.1	1.6	100.0	1.6	100.0
1S1/2F	177	178	1440	12.6	21.0	24.6	16.2	1.2	100.0	1.2	100.0
1S1/2G	60.0	136	942	16.1	4.0	15.3	11.1	1.5	100.0	1.5	100.0
1S3B	60.0	216	332	29.3	46.0	9.3	7.8	1.7	100.0	1.7	100.0
1S4B	68.0	214	403	27.2	43.0	10.8	9.1	1.5	100.0	1.5	100.0
1S3/4C	128	211	861	25.7	29.0	18.6	15.8	1.5	100.0	1.5	100.0

Actual Values At: 2:14:37 PM

SaltRiverProj CGS

Printed At:

10/18/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	109	184	806	20.1	30.0	15.8	13.8	1.5	100.0	1.5	100.0
1S3/4E	138	171	948	15.9	22.0	22.3	16.3	1.3	100.0	1.3	100.0
1S3/4F	9.0	96.0	35.0	18.7	0.0	1.0	0.7	2.4	100.0	2.4	100.0
1S3/4G	148	171	1233	13.2	15.0	26.3	16.6	1.4	100.0	1.4	100.0
1S5B	40.0	198	94.0	28.4	44.0	7.9	3.3	1.7	100.0	1.7	100.0
1S6B	36.0	202	181	28.3	44.0	6.4	5.1	1.6	100.0	1.6	100.0
1S5/6C	93.0	191	565	22.9	30.0	15.8	12.2	1.5	100.0	1.5	100.0
1S5/6D	101	186	557	21.8	22.0	14.4	11.2	1.5	100.0	1.5	100.0
1S5/6E	218	193	1517	17.5	22.0	33.2	24.2	1.2	100.0	1.2	100.0
1S5/6F	235	185	1802	15.5	7.0	41.9	28.2	1.2	100.0	1.2	100.0
1S5/6G	235	180	1802	13.9	0.0	40.5	25.4	1.2	100.0	1.2	100.0
1N1A	23.0	156	83.0	32.8	50.0	3.2	2.4	1.8	100.0	1.8	100.0
1N2A	49.0	198	217	34.4	52.0	7.7	5.7	1.5	100.0	1.5	100.0
1S2A	88.0	206	385	34.6	49.0	15.3	11.5	1.5	100.0	1.5	100.0
1S3A	100.0	246	411	43.1	41.0	16.3	14.9	1.3	100.0	1.3	100.0
1S1A	55.0	215	243	35.5	53.0	10.9	7.9	1.5	100.0	1.5	100.0
1N3A	70.0	177	237	34.4	56.0	8.9	6.7	1.5	100.0	1.5	100.0
1N4A	68.0	209	316	34.7	52.0	11.4	9.0	1.5	100.0	1.5	100.0
1N5A	41.0	182	173	32.6	49.0	7.0	5.4	1.7	100.0	1.7	100.0
1N6A	56.0	205	256	33.1	53.0	7.8	5.9	1.4	100.0	1.4	100.0
1S4A	27.0	144	102	29.5	53.0	3.4	2.6	1.7	100.0	1.7	100.0
1S5A	19.0	143	71.0	29.6	58.0	2.5	1.9	1.8	100.0	1.8	100.0
1S6A	34.0	182	63.0	32.0	0.0	5.7	2.1	1.7	100.0	1.7	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 3:20:58 PM

SaltRiverProj CGS

Page: 1
Printed At:
10/18/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	61.0	225	339	30.1	44.0	10.8	9.0	1.7	100.0	1.7	100.0
1N2B	35.0	202	181	27.0	43.0	6.7	5.2	1.9	100.0	1.9	100.0
1N1/2C	68.0	199	561	25.4	31.0	14.5	15.7	1.5	100.0	1.5	100.0
1N1/2D	100.0	195	569	24.6	29.0	14.6	12.2	1.5	100.0	1.5	100.0
1N1/2E	101	182	652	22.5	20.0	15.0	12.3	1.6	100.0	1.6	100.0
1N1/2F	145	182	930	20.4	20.0	20.0	16.3	1.4	100.0	1.4	100.0
1N1/2G	100.0	172	830	19.2	14.0	12.9	13.7	1.4	100.0	1.4	100.0
1N3B	60.0	218	308	29.0	44.0	10.0	7.5	1.7	100.0	1.7	100.0
1N4B	50.0	210	260	27.6	45.0	10.5	7.9	1.7	100.0	1.7	100.0
1N3/4C	103	191	608	22.6	31.0	26.7	19.9	1.4	100.0	1.4	100.0
1N3/4D	144	197	871	22.5	19.0	21.7	16.9	1.4	100.0	1.4	100.0
1N3/4E	163	178	1114	18.9	19.0	26.1	18.7	1.3	100.0	1.3	100.0
1N3/4F	241	190	1826	20.0	12.0	44.4	36.4	1.2	100.0	1.2	100.0
1N3/4G	233	184	1565	18.9	12.0	32.5	24.3	1.3	100.0	1.3	100.0
1N5B	67.0	215	375	27.6	44.0	12.0	9.2	1.7	100.0	1.7	100.0
1N6B	65.0	215	355	28.3	44.0	10.9	8.5	1.6	100.0	1.6	100.0
1N5/6C	83.0	178	529	23.6	30.0	16.0	13.1	1.5	100.0	1.5	100.0
1N5/6D	91.0	180	581	22.0	30.0	14.7	5.9	1.6	100.0	1.6	100.0
1N5/6E	127	171	830	20.3	22.0	17.2	14.1	1.5	100.0	1.5	100.0
1N5/6F	136	164	936	18.1	20.0	25.1	19.6	1.4	100.0	1.4	100.0
1N5/6G	76.0	124	1173	16.8	19.0	29.5	23.7	1.3	100.0	1.3	100.0
1S1B	41.0	202	189	36.1	45.0	8.0	7.0	1.8	100.0	1.8	100.0
1S2B	77.0	232	474	27.4	45.0	14.9	12.0	1.6	100.0	1.6	100.0
1S1/2C	106	194	612	21.3	29.0	17.2	12.6	1.5	100.0	1.5	100.0
1S1/2D	69.0	178	379	23.4	23.0	12.9	9.4	1.5	100.0	1.5	100.0
1S1/2E	99.0	176	699	18.1	21.0	15.3	11.6	1.5	100.0	1.5	100.0
1S1/2F	218	188	1843	11.4	18.0	31.1	18.8	1.3	100.0	1.3	100.0
1S1/2G	246	188	1826	19.7	4.0	45.2	35.3	1.2	100.0	1.2	100.0
1S3B	48.0	197	268	27.1	45.0	8.5	7.1	1.6	100.0	1.6	100.0
1S4B	60.0	212	363	27.5	44.0	10.2	8.5	1.7	100.0	1.7	100.0
1S3/4C	113	207	727	25.7	30.0	20.4	16.9	1.4	100.0	1.4	100.0

Actual Values At: 3:20:58 PM

SaltRiverProj CGS

Printed At:

10/18/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	116	192	853	20.4	27.0	17.6	15.0	1.5	100.0	1.5	100.0
1S3/4E	216	194	1701	15.0	20.0	25.4	19.5	1.3	100.0	1.3	100.0
1S3/4F	9.0	98.0	35.0	19.0	0.0	0.9	0.7	2.4	100.0	2.4	100.0
1S3/4G	157	173	1339	13.0	16.0	25.5	16.4	1.4	100.0	1.4	100.0
1S5B	37.0	197	86.0	27.9	45.0	6.7	2.7	1.8	100.0	1.8	100.0
1S6B	35.0	197	166	28.3	46.0	7.9	6.2	1.6	100.0	1.6	100.0
1S5/6C	115	205	727	24.1	29.0	19.9	15.3	1.5	100.0	1.5	100.0
1S5/6D	97.0	186	628	21.8	21.0	16.9	12.4	1.6	100.0	1.6	100.0
1S5/6E	134	154	1322	17.0	22.0	20.9	15.5	1.4	100.0	1.4	100.0
1S5/6F	238	187	1814	15.7	10.0	33.5	23.1	1.3	100.0	1.3	100.0
1S5/6G	232	181	1802	14.0	1.0	40.9	25.9	1.2	100.0	1.2	100.0
1N1A	35.0	177	138	34.8	51.0	4.6	3.6	1.7	100.0	1.7	100.0
1N2A	95.0	245	468	37.3	49.0	17.0	12.7	1.3	100.0	1.3	100.0
1S2A	82.0	234	395	35.7	62.0	14.2	10.8	1.3	100.0	1.3	100.0
1S3A	29.0	167	92.0	38.3	45.0	4.8	4.3	1.9	100.0	1.9	100.0
1S1A	82.0	229	357	35.8	51.0	13.1	9.5	1.4	100.0	1.4	100.0
1N3A	41.0	189	171	34.1	60.0	6.2	4.7	1.5	100.0	1.5	100.0
1N4A	65.0	204	302	34.2	49.0	9.7	7.7	1.4	100.0	1.4	100.0
1N5A	76.0	215	367	35.1	56.0	11.5	9.1	1.3	100.0	1.3	100.0
1N6A	38.0	174	156	32.5	50.0	5.6	4.3	1.7	100.0	1.7	100.0
1S4A	54.0	198	241	32.9	54.0	8.0	6.1	1.4	100.0	1.4	100.0
1S5A	30.0	124	92.0	29.2	53.0	2.9	2.2	1.8	100.0	1.8	100.0
1S6A	30.0	177	55.0	32.0	0.0	4.8	1.7	1.7	100.0	1.7	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 4:32:39 PM

SaltRiverProj CGS

Printed At:

10/18/1999

SQ 300	Amps	Volts	mA	KVI	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	76.0	238	458	31.2	46.0	13.6	11.5	1.5	100.0	1.5	100.0
1N2B	81.0	235	490	28.6	43.0	14.0	10.9	1.6	100.0	1.6	100.0
1N1/2C	71.0	205	592	26.1	31.0	14.9	16.7	1.4	100.0	1.4	100.0
1N1/2D	105	199	604	24.8	30.0	16.0	13.5	1.5	100.0	1.5	100.0
1N1/2E	93.0	171	610	22.0	18.0	16.3	13.6	1.5	100.0	1.5	100.0
1N1/2F	164	191	1090	21.1	23.0	24.9	20.4	1.4	100.0	1.4	100.0
1N1/2G	94.0	170	924	19.7	11.0	14.4	15.4	1.4	100.0	1.4	100.0
1N3B	85.0	232	490	29.3	44.0	17.7	13.5	1.5	100.0	1.5	100.0
1N4B	65.0	213	363	27.9	44.0	11.1	8.8	1.6	100.0	1.6	100.0
1N3/4C	156	211	1035	23.6	30.0	29.2	22.2	1.4	100.0	1.4	100.0
1N3/4D	117	185	747	22.2	20.0	17.4	13.1	1.5	100.0	1.5	100.0
1N3/4E	184	184	1304	19.5	20.0	29.3	21.7	1.2	100.0	1.2	100.0
1N3/4F	241	191	1802	20.0	2.0	44.4	36.4	1.2	100.0	1.2	100.0
1N3/4G	224	188	1505	19.1	8.0	36.5	26.5	1.3	100.0	1.3	100.0
1N5B	64.0	226	533	28.3	44.0	15.6	12.6	1.6	100.0	1.6	100.0
1N6B	50.0	213	280	27.6	44.0	10.9	8.3	1.7	100.0	1.7	100.0
1N5/6C	105	200	687	25.0	30.0	18.8	15.6	1.5	100.0	1.5	100.0
1N5/6D	109	188	723	22.6	30.0	20.3	8.4	1.5	100.0	1.5	100.0
1N5/6E	128	171	984	20.8	22.0	19.3	16.1	1.5	100.0	1.5	100.0
1N5/6F	166	177	1209	19.0	18.0	26.9	21.7	1.4	100.0	1.4	100.0
1N5/6G	90.0	135	1446	17.7	15.0	28.4	23.5	1.4	100.0	1.4	100.0
1S1B	55.0	225	280	36.8	43.0	11.2	9.8	1.7	100.0	1.7	100.0
1S2B	66.0	228	395	27.8	46.0	12.0	9.6	1.6	100.0	1.6	100.0
1S1/2C	90.0	210	577	22.6	30.0	17.4	12.6	1.5	100.0	1.5	100.0
1S1/2D	94.0	195	498	24.1	23.0	15.1	11.1	1.6	100.0	1.6	100.0
1S1/2E	112	177	936	17.6	20.0	18.1	13.7	1.4	100.0	1.4	100.0
1S1/2F	189	185	1482	12.8	20.0	27.6	17.6	1.3	100.0	1.3	100.0
1S1/2G	239	187	1814	19.7	3.0	32.9	25.0	1.3	100.0	1.3	100.0
1S3B	66.0	222	371	29.7	46.0	13.4	10.8	1.6	100.0	1.6	100.0
1S4B	36.0	198	189	28.5	44.0	6.5	5.3	1.9	100.0	1.9	100.0
1S3/4C	125	215	837	26.2	29.0	22.3	18.7	1.4	100.0	1.4	100.0

Actual Values At: 4:32:39 PM

SaltRiverProj CGS

Printed At:

10/18/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	148	203	1067	20.5	25.0	21.4	18.2	1.4	100.0	1.4	100.0
1S3/4E	200	188	1766	14.7	17.0	29.2	21.1	1.3	100.0	1.3	100.0
1S3/4F	9.0	97.0	35.0	18.8	0.0	0.9	0.7	2.4	100.0	2.4	100.0
1S3/4G	78.0	129	1351	11.8	13.0	24.2	15.9	1.3	100.0	1.3	100.0
1S5B	36.0	202	79.0	29.2	46.0	7.0	2.8	1.7	100.0	1.7	100.0
1S6B	56.0	225	308	29.8	46.0	9.6	7.7	1.6	100.0	1.6	100.0
1S5/6C	113	204	715	24.0	30.0	17.8	14.2	1.4	100.0	1.4	100.0
1S5/6D	95.0	183	592	21.8	21.0	14.9	11.2	1.4	100.0	1.4	100.0
1S5/6E	180	177	1316	17.2	20.0	27.6	19.0	1.4	100.0	1.4	100.0
1S5/6F	229	184	1648	15.5	13.0	35.5	23.3	1.3	100.0	1.3	100.0
1S5/6G	236	175	1849	13.6	4.0	29.2	19.0	1.3	100.0	1.3	100.0
1N1A	27.0	166	106	33.1	50.0	3.7	2.9	1.8	100.0	1.8	100.0
1N2A	93.0	234	401	36.9	48.0	15.6	11.5	1.5	100.0	1.5	100.0
1S2A	47.0	194	209	33.0	56.0	7.5	5.6	1.4	100.0	1.4	100.0
1S3A	88.0	230	460	40.7	31.0	15.1	14.4	1.1	100.0	1.1	100.0
1S1A	79.0	231	367	36.2	53.0	12.8	9.5	1.3	100.0	1.3	100.0
1N3A	50.0	197	215	32.7	50.0	7.6	5.8	1.7	100.0	1.7	100.0
1N4A	110	237	565	35.1	49.0	18.1	14.3	1.3	100.0	1.3	100.0
1N5A	48.0	191	217	33.3	48.0	8.0	6.2	1.6	100.0	1.6	100.0
1N6A	78.0	227	351	33.3	60.0	11.0	8.3	1.5	100.0	1.5	100.0
1S4A	85.0	219	418	33.3	55.0	14.5	11.1	1.3	100.0	1.3	100.0
1S5A	52.0	194	241	32.5	52.0	8.7	6.8	1.5	100.0	1.5	100.0
1S6A	33.0	180	63.0	32.0	0.0	5.5	1.9	1.6	100.0	1.6	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	-28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 8:49:14 AM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	92.0	184	604	21.8	28.0	15.0	12.5	1.6	100.0	1.6	100.0
1S3/4E	113	171	711	17.8	23.0	14.1	11.4	1.5	100.0	1.5	100.0
1S3/4F	9.0	97.0	35.0	18.9	0.0	0.9	0.7	2.4	100.0	2.4	100.0
1S3/4G	127	174	996	15.3	19.0	18.5	13.1	1.5	100.0	1.5	100.0
1S5B	53.0	222	134	30.8	44.0	9.4	3.8	1.6	100.0	1.6	100.0
1S6B	61.0	220	332	29.1	45.0	12.4	9.4	1.7	100.0	1.7	100.0
1S5/6C	142	222	932	25.3	31.0	25.7	20.8	1.3	100.0	1.3	100.0
1S5/6D	75.0	164	557	22.2	22.0	11.7	9.3	1.6	100.0	1.6	100.0
1S5/6E	148	184	913	19.4	23.0	20.5	15.5	1.4	100.0	1.4	100.0
1S5/6F	114	164	687	17.7	24.0	14.6	10.9	1.5	100.0	1.5	100.0
1S5/6G	133	161	942	15.7	14.0	16.4	11.6	1.5	100.0	1.5	100.0
1N1A	40.0	180	130	32.6	54.0	4.9	3.8	1.6	100.0	1.6	100.0
1N2A	91.0	236	454	34.7	37.0	16.2	12.2	1.3	100.0	1.3	100.0
1S2A	75.0	222	351	35.2	58.0	11.5	8.9	1.4	100.0	1.4	100.0
1S3A	71.0	217	333	41.2	47.0	11.0	10.1	1.3	100.0	1.3	100.0
1S1A	61.0	205	260	34.4	53.0	15.9	11.3	1.7	100.0	1.7	100.0
1N3A	107	245	557	36.9	46.0	20.2	16.1	1.3	100.0	1.3	100.0
1N4A	51.0	69.0	387	25.1	48.0	10.9	8.6	1.3	100.0	1.3	100.0
1N5A	110	228	573	35.1	50.0	22.9	18.3	1.4	100.0	1.4	100.0
1N6A	93.0	219	393	32.1	51.0	10.8	8.5	1.4	100.0	1.4	100.0
1S4A	73.0	208	359	31.5	66.0	12.1	9.5	1.1	100.0	1.1	100.0
1S5A	32.0	123	102	28.1	49.0	2.8	2.2	1.7	100.0	1.7	100.0
1S6A	33.0	183	67.0	32.0	0.0	6.1	2.2	1.6	100.0	1.6	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 10:46:10 AM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	60.0	225	339	31.0	48.0	10.8	9.1	1.7	100.0	1.7	100.0
1N2B	74.0	232	438	29.3	46.0	15.6	12.5	1.5	100.0	1.5	100.0
1N1/2C	102	226	924	27.7	30.0	17.7	21.0	1.3	100.0	1.3	100.0
1N1/2D	103	202	699	25.8	29.0	17.7	15.1	1.4	100.0	1.4	100.0
1N1/2E	77.0	179	462	23.3	19.0	13.4	11.0	1.6	100.0	1.6	100.0
1N1/2F	128	188	794	22.3	20.0	19.3	16.3	1.4	100.0	1.4	100.0
1N1/2G	80.0	171	628	20.4	12.0	10.9	11.7	1.5	100.0	1.5	100.0
1N3B	72.0	209	371	29.5	44.0	13.1	10.2	1.6	100.0	1.6	100.0
1N4B	51.0	199	268	27.6	44.0	10.8	8.5	1.6	100.0	1.6	100.0
1N3/4C	156	219	1031	25.2	29.0	31.4	24.2	1.4	100.0	1.4	100.0
1N3/4D	106	191	664	23.9	19.0	16.1	13.0	1.5	100.0	1.5	100.0
1N3/4E	135	187	794	21.1	19.0	19.9	14.9	1.5	100.0	1.5	100.0
1N3/4F	105	165	664	20.1	20.0	15.9	12.3	1.4	100.0	1.4	100.0
1N3/4G	163	180	984	19.7	14.0	22.9	16.8	1.4	100.0	1.4	100.0
1N5B	65.0	232	363	30.9	45.0	14.3	11.5	1.6	100.0	1.6	100.0
1N6B	15.0	157	55.0	27.2	44.0	2.7	2.2	2.1	100.0	2.1	100.0
1N5/6C	77.0	196	537	25.1	30.0	18.1	15.2	1.5	100.0	1.5	100.0
1N5/6D	105	198	699	24.7	29.0	17.3	7.5	1.4	100.0	1.4	100.0
1N5/6E	120	187	747	22.8	21.0	17.8	15.1	1.5	100.0	1.5	100.0
1N5/6F	127	179	853	20.8	20.0	18.9	15.3	1.5	100.0	1.5	100.0
1N5/6G	150	178	1067	20.3	20.0	24.8	20.3	1.4	100.0	1.4	100.0
1S1B	75.0	222	426	33.8	43.0	13.8	13.1	1.5	100.0	1.5	100.0
1S2B	90.0	250	474	28.9	47.0	14.3	11.8	1.5	100.0	1.5	100.0
1S1/2C	37.0	164	197	21.9	29.0	7.4	5.7	1.7	100.0	1.7	100.0
1S1/2D	75.0	188	415	24.8	24.0	10.9	8.4	1.6	100.0	1.6	100.0
1S1/2E	116	192	770	19.6	23.0	17.2	13.6	1.5	100.0	1.5	100.0
1S1/2F	124	174	841	16.6	22.0	16.5	12.8	1.5	100.0	1.5	100.0
1S1/2G	140	170	996	19.0	15.0	19.3	14.5	1.4	100.0	1.4	100.0
1S3B	84.0	226	498	29.4	45.0	14.7	12.4	1.6	100.0	1.6	100.0
1S4B	66.0	226	395	29.6	44.0	12.5	10.8	1.5	100.0	1.5	100.0
1S3/4C	109	201	750	26.2	28.0	26.5	23.3	1.3	100.0	1.3	100.0

Actual Values At: 10:46:10 AM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	109	194	794	22.2	27.0	16.7	14.8	1.5	100.0	1.5	100.0
1S3/4E	126	178	841	18.0	23.0	18.1	14.5	1.5	100.0	1.5	100.0
1S3/4F	9.0	99.0	35.0	19.2	0.0	1.0	0.7	2.4	100.0	2.4	100.0
1S3/4G	126	177	1007	15.4	20.0	18.7	13.4	1.5	100.0	1.5	100.0
1S5B	104	259	308	32.3	45.0	24.9	10.2	1.3	100.0	1.3	100.0
1S6B	83.0	245	486	30.7	45.0	16.6	13.1	1.6	100.0	1.6	100.0
1S5/6C	94.0	192	758	23.5	30.0	19.2	15.8	1.4	100.0	1.4	100.0
1S5/6D	99.0	192	664	22.9	22.0	14.4	11.4	1.6	100.0	1.6	100.0
1S5/6E	142	187	877	20.0	21.0	20.0	15.4	1.4	100.0	1.4	100.0
1S5/6F	104	168	758	18.6	23.0	17.1	12.6	1.4	100.0	1.4	100.0
1S5/6G	115	147	924	15.7	13.0	16.0	11.3	1.5	100.0	1.5	100.0
1N1A	38.0	187	154	33.8	51.0	5.0	3.9	1.6	100.0	1.6	100.0
1N2A	75.0	225	355	35.6	53.0	14.7	10.9	1.4	100.0	1.4	100.0
1S2A	77.0	225	375	34.7	52.0	11.4	9.0	1.1	100.0	1.1	100.0
1S3A	64.0	207	294	40.6	38.0	11.3	10.2	1.5	100.0	1.5	100.0
1S1A	77.0	232	367	35.3	53.0	15.0	11.3	1.5	100.0	1.5	100.0
1N3A	65.0	209	298	34.6	53.0	11.3	8.5	1.5	100.0	1.5	100.0
1N4A	106	228	505	34.8	56.0	22.9	18.0	1.4	100.0	1.4	100.0
1N5A	19.0	140	81.0	28.2	55.0	2.4	2.0	1.6	100.0	1.6	100.0
1N6A	31.0	127	102	30.0	57.0	2.5	1.9	1.6	100.0	1.6	100.0
1S4A	21.0	144	79.0	30.8	54.0	5.7	3.9	2.2	100.0	2.2	100.0
1S5A	41.0	172	177	31.0	55.0	6.3	4.8	1.6	100.0	1.6	100.0
1S6A	35.0	185	67.0	32.0	0.0	5.9	2.1	1.5	100.0	1.5	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 9:48:25 AM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	45.0	194	260	27.9	44.0	11.0	9.1	1.6	100.0	1.6	100.0
1N2B	59.0	200	300	27.5	42.0	9.7	7.8	1.6	100.0	1.6	100.0
1N1/2C	67.0	205	553	26.8	32.0	12.1	13.5	1.6	100.0	1.6	100.0
1N1/2D	103	199	628	25.5	30.0	16.1	13.9	1.5	100.0	1.5	100.0
1N1/2E	67.0	159	403	22.1	20.0	12.6	10.7	1.4	100.0	1.4	100.0
1N1/2F	119	183	723	21.8	24.0	16.7	14.0	1.5	100.0	1.5	100.0
1N1/2G	74.0	163	640	19.7	13.0	9.1	9.8	1.6	100.0	1.6	100.0
1N3B	105	243	632	30.4	45.0	22.7	18.4	1.4	100.0	1.4	100.0
1N4B	63.0	208	347	27.9	42.0	12.1	9.6	1.6	100.0	1.6	100.0
1N3/4C	139	210	893	24.7	28.0	27.5	21.8	1.4	100.0	1.4	100.0
1N3/4D	107	190	640	23.6	19.0	17.0	13.7	1.3	100.0	1.3	100.0
1N3/4E	121	180	830	20.4	21.0	17.0	12.7	1.5	100.0	1.5	100.0
1N3/4F	112	167	664	19.7	21.0	14.7	11.6	1.5	100.0	1.5	100.0
1N3/4G	135	170	889	19.1	14.0	22.1	15.2	1.5	100.0	1.5	100.0
1N5B	65.0	214	387	30.1	45.0	13.9	11.3	1.6	100.0	1.6	100.0
1N6B	35.0	181	173	27.0	45.0	5.3	4.3	1.9	100.0	1.9	100.0
1N5/6C	136	221	928	27.3	29.0	25.7	22.1	1.4	100.0	1.4	100.0
1N5/6D	106	197	699	24.5	28.0	19.3	8.1	1.5	100.0	1.5	100.0
1N5/6E	105	174	747	21.8	23.0	15.7	13.7	1.5	100.0	1.5	100.0
1N5/6F	107	169	699	20.1	20.0	16.3	13.0	1.5	100.0	1.5	100.0
1N5/6G	94.0	157	830	18.2	20.0	23.5	19.1	1.4	100.0	1.4	100.0
1S1B	32.0	170	158	33.5	46.0	6.2	5.7	1.8	100.0	1.8	100.0
1S2B	54.0	217	308	27.9	47.0	11.3	8.8	1.6	100.0	1.6	100.0
1S1/2C	27.0	146	134	21.8	29.0	6.3	4.9	1.8	100.0	1.8	100.0
1S1/2D	89.0	197	462	24.8	24.0	14.1	10.5	1.6	100.0	1.6	100.0
1S1/2E	107	190	699	19.8	19.0	17.2	13.6	1.4	100.0	1.4	100.0
1S1/2F	100.0	167	723	17.3	24.0	12.9	10.4	1.6	100.0	1.6	100.0
1S1/2G	125	167	830	19.0	10.0	17.9	13.3	1.4	100.0	1.4	100.0
1S3B	75.0	215	442	28.3	43.0	14.0	11.6	1.5	100.0	1.5	100.0
1S4B	68.0	224	343	27.5	45.0	9.6	8.5	1.7	100.0	1.7	100.0
1S3/4C	107	207	691	26.5	30.0	19.1	16.1	1.5	100.0	1.5	100.0

Actual Values At: 9:48:25 AM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	89.0	186	640	22.2	32.0	16.0	13.6	1.4	100.0	1.4	100.0
1S3/4E	109	169	806	17.9	23.0	14.1	11.6	1.5	100.0	1.5	100.0
1S3/4F	9.0	98.0	35.0	19.0	0.0	0.9	0.7	2.3	100.0	2.3	100.0
1S3/4G	54.0	119	889	13.4	19.0	16.8	12.1	1.4	100.0	1.4	100.0
1S5B	47.0	195	118	27.1	46.0	8.4	3.4	1.6	100.0	1.6	100.0
1S6B	87.0	232	490	29.7	45.0	14.3	11.1	1.6	100.0	1.6	100.0
1S5/6C	90.0	194	529	24.6	29.0	14.8	11.8	1.6	100.0	1.6	100.0
1S5/6D	111	197	664	23.0	21.0	17.4	13.9	1.5	100.0	1.5	100.0
1S5/6E	141	183	877	19.3	20.0	19.5	15.0	1.4	100.0	1.4	100.0
1S5/6F	112	156	889	17.2	25.0	15.7	11.7	1.5	100.0	1.5	100.0
1S5/6G	121	154	806	15.4	12.0	14.2	9.9	1.5	100.0	1.5	100.0
1N1A	30.0	171	114	33.7	51.0	7.3	5.5	1.5	100.0	1.5	100.0
1N2A	91.0	240	446	37.3	40.0	21.2	15.6	1.4	100.0	1.4	100.0
1S2A	58.0	202	268	32.2	53.0	16.7	11.8	1.8	100.0	1.8	100.0
1S3A	79.0	224	387	41.6	54.0	14.8	13.6	1.3	100.0	1.3	100.0
1S1A	34.0	186	134	33.2	52.0	8.1	5.1	2.5	100.0	2.5	100.0
1N3A	94.0	232	474	35.8	52.0	22.3	17.1	1.4	100.0	1.4	100.0
1N4A	83.0	213	403	34.5	59.0	16.8	12.7	1.6	100.0	1.6	100.0
1N5A	48.0	70.0	154	19.6	51.0	2.4	2.0	1.9	100.0	1.9	100.0
1N6A	115	256	517	36.9	54.0	17.2	13.7	1.3	100.0	1.3	100.0
1S4A	51.0	194	225	32.8	56.0	11.6	8.4	1.8	100.0	1.8	100.0
1S5A	62.0	205	286	34.2	61.0	10.6	8.2	1.5	100.0	1.5	100.0
1S6A	32.0	182	122	32.2	0.0	10.9	3.9	1.6	100.0	1.6	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 8:49:14 AM

SaltRiverProj CGS

Page: 1
Printed At:
10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	50.0	214	276	29.8	45.0	7.6	6.4	1.8	100.0	1.8	100.0
1N2B	63.0	206	371	27.7	46.0	12.9	10.1	1.6	100.0	1.6	100.0
1N1/2C	95.0	220	845	27.2	30.0	15.7	18.0	1.5	100.0	1.5	100.0
1N1/2D	91.0	194	521	25.3	30.0	13.6	11.7	1.6	100.0	1.6	100.0
1N1/2E	84.0	180	515	23.2	20.0	13.0	10.6	1.6	100.0	1.6	100.0
1N1/2F	133	188	830	21.8	20.0	18.2	15.4	1.4	100.0	1.4	100.0
1N1/2G	77.0	165	652	19.7	10.0	9.6	10.5	1.6	100.0	1.6	100.0
1N3B	58.0	219	308	30.0	46.0	11.4	8.7	1.7	100.0	1.7	100.0
1N4B	53.0	222	300	29.8	45.0	9.4	7.8	1.8	100.0	1.8	100.0
1N3/4C	94.0	192	774	22.6	30.0	31.4	24.2	1.4	100.0	1.4	100.0
1N3/4D	101	188	604	23.4	20.0	15.3	12.3	1.5	100.0	1.5	100.0
1N3/4E	108	171	675	19.9	22.0	14.6	10.7	1.6	100.0	1.6	100.0
1N3/4F	106	163	675	19.5	24.0	16.7	12.5	1.4	100.0	1.4	100.0
1N3/4G	123	163	758	18.3	20.0	17.0	11.8	1.6	100.0	1.6	100.0
1N5B	53.0	201	284	28.0	45.0	10.3	8.3	1.7	100.0	1.7	100.0
1N6B	25.0	178	110	28.0	44.0	3.8	3.0	1.9	100.0	1.9	100.0
1N5/6C	100.0	205	735	26.7	30.0	19.2	16.6	1.5	100.0	1.5	100.0
1N5/6D	87.0	188	569	22.9	30.0	13.8	5.8	1.6	100.0	1.6	100.0
1N5/6E	94.0	173	498	22.2	24.0	11.8	9.8	1.6	100.0	1.6	100.0
1N5/6F	116	171	758	19.8	20.0	17.1	13.5	1.5	100.0	1.5	100.0
1N5/6G	77.0	153	782	18.0	19.0	27.6	22.5	1.3	100.0	1.3	100.0
1S1B	39.0	187	205	32.0	43.0	8.9	7.8	1.7	100.0	1.7	100.0
1S2B	35.0	186	189	24.6	42.0	10.0	7.8	1.6	100.0	1.6	100.0
1S1/2C	64.0	190	387	22.7	28.0	10.6	8.2	1.6	100.0	1.6	100.0
1S1/2D	77.0	190	379	24.4	22.0	10.7	8.1	1.6	100.0	1.6	100.0
1S1/2E	80.0	173	533	19.9	21.0	10.8	8.9	1.6	100.0	1.6	100.0
1S1/2F	128	174	877	16.1	21.0	16.9	12.8	1.5	100.0	1.5	100.0
1S1/2G	162	171	972	18.6	13.0	21.2	15.6	1.4	100.0	1.4	100.0
1S3B	56.0	204	308	28.4	45.0	12.3	9.8	1.6	100.0	1.6	100.0
1S4B	66.0	211	403	27.2	43.0	11.6	9.9	1.7	100.0	1.7	100.0
1S3/4C	92.0	200	577	25.8	30.0	18.2	15.2	1.5	100.0	1.5	100.0

Actual Values At: 12:45:59 PM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	74.0	235	434	30.8	46.0	13.6	11.4	1.6	100.0	1.6	100.0
1N2B	56.0	217	324	27.6	45.0	10.9	8.5	1.7	100.0	1.7	100.0
1N1/2C	97.0	223	877	27.5	30.0	22.3	25.6	1.4	100.0	1.4	100.0
1N1/2D	137	215	877	26.2	29.0	21.3	19.3	1.3	100.0	1.3	100.0
1N1/2E	94.0	187	581	23.7	20.0	14.1	11.8	1.6	100.0	1.6	100.0
1N1/2F	94.0	172	610	21.8	23.0	13.5	11.5	1.5	100.0	1.5	100.0
1N1/2G	84.0	171	747	20.4	13.0	10.9	11.8	1.5	100.0	1.5	100.0
1N3B	84.0	227	482	29.4	44.0	15.1	12.1	1.4	100.0	1.4	100.0
1N4B	84.0	234	505	30.4	44.0	16.0	13.2	1.6	100.0	1.6	100.0
1N3/4C	166	202	1169	24.3	28.0	31.3	25.0	1.4	100.0	1.4	100.0
1N3/4D	135	204	806	24.2	21.0	22.5	17.5	1.5	100.0	1.5	100.0
1N3/4E	157	195	960	21.6	20.0	23.3	17.7	1.4	100.0	1.4	100.0
1N3/4F	114	171	735	20.6	25.0	15.4	12.3	1.5	100.0	1.5	100.0
1N3/4G	138	173	800	19.2	13.0	18.3	13.4	1.5	100.0	1.5	100.0
1N5B	68.0	226	379	30.4	45.0	14.8	11.7	1.6	100.0	1.6	100.0
1N6B	22.0	153	94.0	25.3	46.0	3.8	3.0	2.0	100.0	2.0	100.0
1N5/6C	146	209	1067	26.9	30.0	32.1	27.9	1.4	100.0	1.4	100.0
1N5/6D	130	205	901	24.7	31.0	22.5	9.7	1.5	100.0	1.5	100.0
1N5/6E	137	189	913	23.1	24.0	24.0	20.2	1.3	100.0	1.3	100.0
1N5/6F	155	188	1090	21.1	19.0	24.0	19.7	1.4	100.0	1.4	100.0
1N5/6G	132	178	972	19.7	19.0	29.4	24.4	1.3	100.0	1.3	100.0
1S1B	70.0	225	395	36.5	42.0	11.2	11.1	1.6	100.0	1.6	100.0
1S2B	43.0	196	237	26.2	40.0	6.7	5.5	1.6	100.0	1.6	100.0
1S1/2C	88.0	209	584	22.6	29.0	16.8	12.6	1.5	100.0	1.5	100.0
1S1/2D	105	202	557	25.3	24.0	15.7	12.1	1.5	100.0	1.5	100.0
1S1/2E	108	190	794	19.7	21.0	15.8	12.6	1.5	100.0	1.5	100.0
1S1/2F	104	170	758	17.4	22.0	13.6	10.9	1.5	100.0	1.5	100.0
1S1/2G	161	178	960	19.3	12.0	21.8	16.1	1.4	100.0	1.4	100.0
1S3B	69.0	210	403	27.8	44.0	12.2	10.1	1.6	100.0	1.6	100.0
1S4B	69.0	228	418	29.4	45.0	13.1	11.4	1.4	100.0	1.4	100.0
1S3/4C	84.0	195	513	26.0	30.0	18.3	15.6	1.5	100.0	1.5	100.0

Actual Values At: 12:45:59 PM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	129	205	913	22.1	25.0	20.4	17.8	1.4	100.0	1.4	100.0
1S3/4E	91.0	167	652	18.6	21.0	12.6	10.2	1.7	100.0	1.7	100.0
1S3/4F	9.0	100.0	35.0	19.3	0.0	0.9	0.7	2.4	100.0	2.4	100.0
1S3/4G	130	181	1049	15.7	20.0	17.0	12.6	1.1	100.0	1.1	100.0
1S5B	121	235	300	30.3	45.0	18.8	7.5	1.5	100.0	1.5	100.0
1S6B	44.0	205	221	28.5	44.0	14.5	10.9	1.6	100.0	1.6	100.0
1S5/6C	76.0	189	434	24.8	30.0	10.7	8.8	1.6	100.0	1.6	100.0
1S5/6D	135	209	830	23.6	21.0	21.2	16.8	1.4	100.0	1.4	100.0
1S5/6E	110	170	847	19.3	22.0	16.3	12.4	1.5	100.0	1.5	100.0
1S5/6F	127	174	889	18.3	19.0	16.8	12.7	1.5	100.0	1.5	100.0
1S5/6G	131	164	889	16.1	12.0	16.3	11.5	1.5	100.0	1.5	100.0
1N1A	26.0	164	102	32.8	52.0	3.9	3.0	1.8	100.0	1.8	100.0
1N2A	92.0	232	450	36.5	42.0	18.6	14.0	1.4	100.0	1.4	100.0
1S2A	102	233	482	33.6	56.0	16.1	12.3	1.3	100.0	1.3	100.0
1S3A	55.0	201	245	40.5	26.0	9.7	9.1	1.5	100.0	1.5	100.0
1S1A	77.0	230	367	35.7	54.0	13.1	9.7	1.3	100.0	1.3	100.0
1N3A	44.0	183	201	29.1	46.0	7.8	6.2	1.1	100.0	1.1	100.0
1N4A	128	242	699	36.5	6.0	30.7	25.3	1.2	100.0	1.2	100.0
1N5A	119	239	658	36.3	24.0	24.1	19.6	1.3	100.0	1.3	100.0
1N6A	88.0	227	436	35.1	36.0	17.0	13.0	1.5	100.0	1.5	100.0
1S4A	37.0	141	181	27.7	64.0	10.9	7.9	1.7	100.0	1.7	100.0
1S5A	54.0	196	229	33.0	54.0	8.3	6.3	1.5	100.0	1.5	100.0
1S6A	36.0	186	75.0	32.0	0.0	6.8	2.4	1.6	100.0	1.6	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 1:39:29 PM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	77.0	237	458	31.2	45.0	15.6	13.1	1.6	100.0	1.6	100.0
1N2B	57.0	207	332	28.3	44.0	12.0	9.3	1.6	100.0	1.6	100.0
1N1/2C	119	234	1114	28.0	30.0	23.8	28.0	1.3	100.0	1.3	100.0
1N1/2D	130	214	806	26.1	30.0	20.2	17.8	1.5	100.0	1.5	100.0
1N1/2E	108	194	711	24.1	19.0	16.6	14.0	1.5	100.0	1.5	100.0
1N1/2F	111	181	865	22.2	20.0	17.9	15.5	1.5	100.0	1.5	100.0
1N1/2G	82.0	173	735	20.8	12.0	11.2	12.4	1.5	100.0	1.5	100.0
1N3B	79.0	234	438	30.9	34.0	16.9	13.0	1.6	100.0	1.6	100.0
1N4B	108	227	640	29.5	41.0	20.0	16.4	1.5	100.0	1.5	100.0
1N3/4C	198	227	1359	25.4	16.0	38.4	30.2	1.3	100.0	1.3	100.0
1N3/4D	130	202	847	24.5	18.0	19.9	16.0	1.4	100.0	1.4	100.0
1N3/4E	107	175	723	20.9	21.0	17.2	13.7	1.5	100.0	1.5	100.0
1N3/4F	77.0	161	586	18.6	19.0	15.3	12.2	1.5	100.0	1.5	100.0
1N3/4G	157	180	1037	20.0	13.0	23.9	17.6	1.4	100.0	1.4	100.0
1N5B	83.0	243	490	31.7	45.0	16.0	13.3	1.5	100.0	1.5	100.0
1N6B	19.0	159	79.0	26.4	45.0	3.4	2.7	2.0	100.0	2.0	100.0
1N5/6C	166	229	1185	27.5	29.0	31.8	27.7	1.4	100.0	1.4	100.0
1N5/6D	111	197	747	24.3	30.0	18.6	8.0	1.5	100.0	1.5	100.0
1N5/6E	169	202	1114	23.8	21.0	26.3	22.8	1.4	100.0	1.4	100.0
1N5/6F	141	185	984	21.4	19.0	26.3	21.4	1.4	100.0	1.4	100.0
1N5/6G	129	174	877	20.4	19.0	28.8	24.8	1.2	100.0	1.2	100.0
1S1B	64.0	228	339	35.5	43.0	13.5	11.7	1.6	100.0	1.6	100.0
1S2B	91.0	250	592	28.5	41.0	19.5	15.3	1.5	100.0	1.5	100.0
1S1/2C	109	226	750	23.3	28.0	20.7	15.3	1.5	100.0	1.5	100.0
1S1/2D	108	211	640	26.5	23.0	20.8	16.0	1.3	100.0	1.3	100.0
1S1/2E	118	199	865	20.5	21.0	17.7	14.3	1.5	100.0	1.5	100.0
1S1/2F	108	179	818	18.2	21.0	14.8	12.0	1.5	100.0	1.5	100.0
1S1/2G	172	187	1055	20.4	14.0	24.3	18.3	1.3	100.0	1.3	100.0
1S3B	70.0	215	403	28.6	45.0	11.6	10.0	1.5	100.0	1.5	100.0
1S4B	69.0	216	426	27.4	46.0	12.2	10.2	1.7	100.0	1.7	100.0
1S3/4C	117	217	766	27.2	30.0	18.5	16.0	1.5	100.0	1.5	100.0

Actual Values At: 1:39:29 PM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	146	214	1067	22.2	29.0	24.5	20.9	1.4	100.0	1.4	100.0
1S3/4E	168	198	1233	18.3	23.0	24.1	19.0	1.4	100.0	1.4	100.0
1S3/4F	9.0	100.0	35.0	19.3	0.0	1.0	0.7	2.3	100.0	2.3	100.0
1S3/4G	153	188	1292	15.1	19.0	24.4	17.0	1.4	100.0	1.4	100.0
1S5B	94.0	259	276	32.3	45.0	21.2	8.4	1.5	100.0	1.5	100.0
1S6B	86.0	252	505	31.1	45.0	18.2	14.1	1.6	100.0	1.6	100.0
1S5/6C	118	212	758	25.4	29.0	27.7	21.7	1.4	100.0	1.4	100.0
1S5/6D	140	214	865	24.0	21.0	22.2	17.7	1.4	100.0	1.4	100.0
1S5/6E	151	195	972	20.8	23.0	22.6	17.6	1.4	100.0	1.4	100.0
1S5/6F	134	179	901	19.0	22.0	20.1	15.1	1.4	100.0	1.4	100.0
1S5/6G	114	160	735	16.4	18.0	14.3	10.2	1.5	100.0	1.5	100.0
1N1A	29.0	163	110	32.8	49.0	4.2	3.2	1.7	100.0	1.7	100.0
1N2A	32.0	161	124	31.7	57.0	4.0	3.0	1.6	100.0	1.6	100.0
1S2A	45.0	182	207	27.9	49.0	10.5	7.7	1.5	100.0	1.5	100.0
1S3A	34.0	143	142	32.5	28.0	5.3	5.4	1.3	100.0	1.3	100.0
1S1A	46.0	200	193	34.4	52.0	9.0	6.5	1.9	100.0	1.9	100.0
1N3A	107	236	533	36.2	31.0	19.7	15.0	1.4	100.0	1.4	100.0
1N4A	52.0	191	233	33.6	44.0	9.0	7.0	1.6	100.0	1.6	100.0
1N5A	23.0	154	114	26.7	47.0	2.8	2.5	1.4	100.0	1.4	100.0
1N6A	115	249	616	37.2	6.0	28.7	22.9	1.3	100.0	1.3	100.0
1S4A	46.0	185	201	31.9	55.0	10.5	7.6	1.9	100.0	1.9	100.0
1S5A	78.0	215	391	33.6	44.0	14.1	11.0	1.4	100.0	1.4	100.0
1S6A	148	82.0	260	22.2	0.0	12.7	4.9	1.0	100.0	1.0	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Actual Values At: 2:41:20 PM

SaltRiverProj CGS

Page: 1
Printed At:
10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1N1B	74.0	236	442	31.2	44.0	19.1	16.0	1.5	100.0	1.5	100.0
1N2B	60.0	212	339	27.2	43.0	11.6	9.2	1.7	100.0	1.7	100.0
1N1/2C	102	225	932	27.6	29.0	16.2	18.9	1.5	100.0	1.5	100.0
1N1/2D	133	218	830	26.5	29.0	21.2	19.0	1.4	100.0	1.4	100.0
1N1/2E	110	198	723	24.5	21.0	16.8	14.6	1.5	100.0	1.5	100.0
1N1/2F	149	200	972	23.2	20.0	21.8	19.0	1.4	100.0	1.4	100.0
1N1/2G	84.0	176	758	21.4	11.0	12.7	14.3	1.4	100.0	1.4	100.0
1N3B	103	241	628	30.0	41.0	27.0	21.5	1.4	100.0	1.4	100.0
1N4B	110	243	754	30.3	38.0	25.2	20.9	1.4	100.0	1.4	100.0
1N3/4C	107	186	766	22.6	30.0	28.1	21.9	1.4	100.0	1.4	100.0
1N3/4D	160	217	1007	25.2	20.0	25.8	20.9	1.4	100.0	1.4	100.0
1N3/4E	176	197	1114	21.8	20.0	28.0	21.2	1.4	100.0	1.4	100.0
1N3/4F	140	184	853	21.1	23.0	19.6	15.6	1.4	100.0	1.4	100.0
1N3/4G	158	167	1292	20.1	12.0	24.3	18.1	1.4	100.0	1.4	100.0
1N5B	32.0	189	158	28.4	42.0	7.3	5.8	1.8	100.0	1.8	100.0
1N6B	25.0	171	118	26.4	44.0	4.6	3.6	1.9	100.0	1.9	100.0
1N5/6C	131	222	893	27.5	30.0	25.6	21.9	1.4	100.0	1.4	100.0
1N5/6D	128	198	924	24.7	29.0	24.7	10.6	1.4	100.0	1.4	100.0
1N5/6E	129	188	889	23.5	22.0	19.2	16.3	1.5	100.0	1.5	100.0
1N5/6F	133	180	913	20.9	20.0	24.0	19.5	1.4	100.0	1.4	100.0
1N5/6G	179	189	1328	21.1	19.0	30.3	25.3	1.3	100.0	1.3	100.0
1S1B	80.0	238	438	36.9	44.0	14.6	13.6	1.6	100.0	1.6	100.0
1S2B	70.0	232	426	28.3	45.0	15.2	12.3	1.4	100.0	1.4	100.0
1S1/2C	44.0	175	237	22.8	28.0	6.3	4.9	1.8	100.0	1.8	100.0
1S1/2D	89.0	198	486	25.2	23.0	14.2	10.9	1.5	100.0	1.5	100.0
1S1/2E	113	194	741	20.1	22.0	16.9	13.6	1.5	100.0	1.5	100.0
1S1/2F	131	185	889	17.5	20.0	18.3	14.1	1.4	100.0	1.4	100.0
1S1/2G	152	177	972	19.8	13.0	21.0	16.0	1.4	100.0	1.4	100.0
1S3B	74.0	221	434	29.0	45.0	12.5	10.4	1.6	100.0	1.6	100.0
1S4B	70.0	226	434	28.9	45.0	13.5	11.3	1.6	100.0	1.6	100.0
1S3/4C	133	218	924	26.2	29.0	26.2	22.2	1.4	100.0	1.4	100.0

Actual Values At: 2:41:20 PM

SaltRiverProj CGS

Printed At:

10/19/1999

SQ 300	Amps	Volts	mA	KV1	Spk/Min	KVA	KW	Fm Factor	EM Limit	Fm Factor	EM Limit
1S3/4D	127	205	984	22.2	30.0	21.4	18.8	1.4	100.0	1.4	100.0
1S3/4E	124	182	996	18.0	23.0	18.5	14.6	1.6	100.0	1.6	100.0
1S3/4F	9.0	100.0	35.0	19.4	0.0	0.9	0.7	2.4	100.0	2.4	100.0
1S3/4G	156	190	1316	15.2	20.0	24.9	17.4	1.4	100.0	1.4	100.0
1S5B	138	249	403	30.6	45.0	25.6	10.3	1.4	100.0	1.4	100.0
1S6B	85.0	243	474	30.4	46.0	16.6	12.9	1.6	100.0	1.6	100.0
1S5/6C	100.0	198	612	24.3	29.0	14.6	12.0	1.6	100.0	1.6	100.0
1S5/6D	124	204	841	23.5	20.0	20.1	15.7	1.5	100.0	1.5	100.0
1S5/6E	111	179	723	20.7	21.0	15.1	12.0	1.5	100.0	1.5	100.0
1S5/6F	107	173	616	19.4	22.0	14.1	10.8	1.5	100.0	1.5	100.0
1S5/6G	116	162	758	16.5	15.0	14.1	10.0	1.5	100.0	1.5	100.0
1N1A	67.0	213	249	33.5	52.0	7.0	5.4	1.5	100.0	1.5	100.0
1N2A	63.0	201	276	33.0	54.0	9.4	6.9	1.4	100.0	1.4	100.0
1S2A	95.0	213	428	34.7	60.0	16.2	12.5	1.3	100.0	1.3	100.0
1S3A	104	248	434	43.0	27.0	16.6	15.3	1.3	100.0	1.3	100.0
1S1A	60.0	229	306	35.3	56.0	11.4	8.3	1.4	100.0	1.4	100.0
1N3A	42.0	185	185	32.0	49.0	7.5	5.6	1.5	100.0	1.5	100.0
1N4A	102	232	476	35.2	42.0	18.3	14.8	1.4	100.0	1.4	100.0
1N5A	20.0	142	75.0	30.6	56.0	2.4	1.9	1.7	100.0	1.7	100.0
1N6A	99.0	224	511	32.8	50.0	19.8	15.2	1.4	100.0	1.4	100.0
1S4A	75.0	218	349	35.3	41.0	14.2	10.7	1.6	100.0	1.6	100.0
1S5A	21.0	148	77.0	30.8	49.0	6.0	3.7	3.4	100.0	3.4	100.0
1S6A	34.0	184	63.0	32.0	0.0	5.7	2.0	1.7	100.0	1.7	100.0
2N1/2C	174	218	1217	24.9	28.0	32.5	27.3	1.3	100.0	1.3	100.0
2N1/2D	186	208	1304	22.8	29.0	30.3	25.5	1.3	100.0	1.3	100.0
2N1/2E	178	165	1624	20.3	9.0	28.3	23.8	1.4	100.0	1.4	100.0
2N1/2F	233	187	1826	20.0	0.0	34.7	29.9	1.3	100.0	1.3	100.0
2N1/2G	222	187	1754	19.6	5.0	41.4	34.5	1.2	100.0	1.2	100.0
2N3/4C	198	205	1328	22.9	26.0	31.3	24.8	1.3	100.0	1.3	100.0
2N3/4D	193	207	1280	22.3	22.0	30.5	23.9	1.3	100.0	1.3	100.0
2N3/4E	249	195	1814	20.6	3.0	46.8	37.4	1.2	100.0	1.2	100.0

Timestamp	1d0106.pv DEGF AIR PREHT 1d0106.pv
10/18/1999 13:59	644.0084
10/18/1999 15:10	
10/18/1999 15:11	647.2769
10/18/1999 15:14	647.0846
10/18/1999 15:16	647.3538
10/18/1999 15:17	647.1615
10/18/1999 15:18	647.2769
10/18/1999 15:19	647.2769
10/18/1999 15:21	647.6229
10/18/1999 15:22	647.4691
10/18/1999 15:23	647.4307
10/18/1999 15:25	647.8536
10/18/1999 15:27	647.6614
10/18/1999 15:28	647.8536
10/18/1999 15:29	647.9305
10/18/1999 15:30	647.8152
10/18/1999 15:31	647.8152
10/18/1999 15:33	648.0844
10/18/1999 15:34	648.1228
10/18/1999 15:35	647.8536
10/18/1999 15:36	647.9305
10/18/1999 15:37	647.8536
10/18/1999 15:39	648.0844
10/18/1999 15:40	648.0844
10/18/1999 15:41	647.8152
10/18/1999 15:42	648.0844
10/18/1999 15:43	647.8152
10/18/1999 15:44	648.0844
10/18/1999 15:46	647.9305
10/18/1999 15:47	648.0844
10/18/1999 15:48	647.9305
10/18/1999 15:49	647.9305
10/18/1999 15:50	648.1228
10/18/1999 15:51	647.9305
10/18/1999 15:52	648.3151
10/18/1999 15:54	648.5073
10/18/1999 15:55	648.392
10/18/1999 15:56	648.392
10/18/1999 15:57	648.5842
10/18/1999 15:58	648.392
10/18/1999 15:59	648.5842
10/18/1999 16:00	648.4689
10/18/1999 16:01	648.5842
10/18/1999 16:02	648.7766
10/18/1999 16:03	648.5842

Run 1

APH in/ESPout temperature

10/18/1999 16:05	648.392
10/18/1999 16:06	648.6611
10/18/1999 16:07	648.7381
10/18/1999 16:08	648.7381
10/18/1999 16:09	649.1611
10/18/1999 16:10	649.0457
10/18/1999 16:14	649.238
10/18/1999 16:15	649.3149
10/18/1999 16:16	649.1226
10/18/1999 16:17	649.0457
10/18/1999 16:18	649.238
10/18/1999 16:19	649.1611
10/18/1999 16:20	649.3149
10/18/1999 16:21	649.3149
10/18/1999 16:23	649.7763
10/18/1999 16:25	649.584
10/18/1999 16:27	649.9686
10/18/1999 16:29	649.6225
10/18/1999 16:30	649.8917
10/18/1999 16:31	650.007
10/18/1999 16:32	650.007
10/18/1999 16:34	650.5453
10/18/1999 16:35	650.2377
10/18/1999 16:36	650.5453
10/18/1999 16:37	650.5453
10/18/1999 16:38	650.2762
10/18/1999 16:39	650.3531
10/18/1999 16:40	650.5453
10/18/1999 16:41	650.43
10/18/1999 16:42	650.6223
10/18/1999 16:43	650.5453
10/18/1999 16:44	650.8914
10/18/1999 16:47	650.8914
10/18/1999 16:48	651.0837
10/18/1999 16:49	650.8914
10/18/1999 16:51	651.199
10/18/1999 16:52	650.8914
10/18/1999 16:53	651.0068
10/18/1999 16:54	651.4682
10/18/1999 16:57	651.6605
10/18/1999 16:58	651.5836
10/18/1999 17:00	651.6605

Run 2

	1d0106.pv DEGF AIR PREHT
Timestamp	1d0106.pv
10/19/1999 7:59	640.8937
10/19/1999 8:01	641.855
10/19/1999 8:02	641.9319
10/19/1999 8:03	642.6625
10/19/1999 8:04	642.5856
10/19/1999 8:05	643.3547
10/19/1999 8:06	644.0084
10/19/1999 8:07	644.0853
10/19/1999 8:08	644.4313
10/19/1999 8:09	645.2004
10/19/1999 8:10	645.0082
10/19/1999 8:11	645.7772
10/19/1999 8:12	646.354
10/19/1999 8:13	646.354
10/19/1999 8:14	646.7001
10/19/1999 8:15	646.6232
10/19/1999 8:16	647.1615
10/19/1999 8:17	647.4691
10/19/1999 8:18	648.0844
10/19/1999 8:19	648.0844
10/19/1999 8:20	648.7381
10/19/1999 8:21	648.7381
10/19/1999 8:22	649.0457
10/19/1999 8:23	649.1611
10/19/1999 8:24	649.584
10/19/1999 8:25	649.8148
10/19/1999 8:26	650.2762
10/19/1999 8:28	650.6223
10/19/1999 8:30	651.0837
10/19/1999 8:31	651.3913
10/19/1999 8:32	651.9681
10/19/1999 8:33	651.9681
10/19/1999 8:34	652.5064
10/19/1999 8:35	652.6218
10/19/1999 8:36	652.6218
10/19/1999 8:37	653.2371
10/19/1999 8:38	653.1602
10/19/1999 8:40	653.8907
10/19/1999 8:41	653.8138
10/19/1999 8:42	654.3137
10/19/1999 8:44	654.5829
10/19/1999 8:46	655.2366
10/19/1999 8:47	655.4288
10/19/1999 8:49	655.6211
10/19/1999 8:50	656.1594

10/19/1999 8:51	656.1594
10/19/1999 8:52	656.467
10/19/1999 8:53	656.6208
10/19/1999 8:54	656.9285
10/19/1999 8:55	656.6978
10/19/1999 8:56	657.1977
10/19/1999 8:57	657.5438
10/19/1999 8:58	657.1208
10/19/1999 8:59	657.7745
10/19/1999 9:00	657.8514
10/19/1999 9:01	658.1205
10/19/1999 9:02	658.1205
10/19/1999 9:03	658.5051
10/19/1999 9:04	658.4282
10/19/1999 9:05	658.582
10/19/1999 9:06	658.8511
10/19/1999 9:07	659.351
10/19/1999 9:08	659.351
10/19/1999 9:09	659.2357
10/19/1999 9:11	659.8124
10/19/1999 9:12	659.8124
10/19/1999 9:14	660.1201
10/19/1999 9:15	660.4661
10/19/1999 9:16	660.5815
10/19/1999 9:18	660.543
10/19/1999 9:19	660.9661
10/19/1999 9:21	661.043
10/19/1999 9:22	661.1968
10/19/1999 9:23	661.5044
10/19/1999 9:24	661.5813
10/19/1999 9:25	661.4275
10/19/1999 9:26	661.7736
10/19/1999 9:27	661.6198
10/19/1999 9:28	661.8505
10/19/1999 9:29	662.2734
10/19/1999 9:30	662.1581
10/19/1999 9:31	662.235
10/19/1999 9:32	662.0812
10/19/1999 9:33	662.3503
10/19/1999 9:34	662.4272
10/19/1999 9:35	663.004
10/19/1999 9:36	662.8887
10/19/1999 9:37	663.004
10/19/1999 9:38	662.8887
10/19/1999 9:39	663.1194
10/19/1999 9:40	663.1963
10/19/1999 9:41	663.5808
10/19/1999 9:43	663.7346
10/19/1999 9:44	663.6577

10/19/1999 9:45	663.7731
10/19/1999 9:46	664.2345
10/19/1999 9:47	664.196
10/19/1999 9:48	664.4268
10/19/1999 9:49	664.3114
10/19/1999 9:51	664.8882
10/19/1999 9:52	664.696
10/19/1999 9:53	664.9651
10/19/1999 9:54	664.8882
10/19/1999 9:55	665.0421
10/19/1999 9:56	665.3497
10/19/1999 9:58	665.6957
10/19/1999 9:59	665.5035
10/19/1999 10:00	665.6188
10/19/1999 10:01	665.6188
10/19/1999 10:02	665.7342
10/19/1999 10:03	666.2725
10/19/1999 10:04	665.9265
10/19/1999 10:06	666.0803
10/19/1999 10:07	666.2725
10/19/1999 10:08	666.7339
10/19/1999 10:09	666.8109
10/19/1999 10:10	666.7339
10/19/1999 10:11	666.8109
10/19/1999 10:12	667.503
10/19/1999 10:13	667.3876
10/19/1999 10:14	667.503
10/19/1999 10:15	667.3876
10/19/1999 10:17	667.3876
10/19/1999 10:18	667.8491
10/19/1999 10:19	667.9644
10/19/1999 10:21	667.9644
10/19/1999 10:22	668.0798
10/19/1999 10:23	668.4258
10/19/1999 10:26	668.5027
10/19/1999 10:28	668.8104
10/19/1999 10:29	669.1949
10/19/1999 10:30	669.3488
10/19/1999 10:32	669.1565
10/19/1999 10:33	669.4641
10/19/1999 10:34	669.1565
10/19/1999 10:35	669.3488
10/19/1999 10:36	669.7333
10/19/1999 10:37	669.8102
10/19/1999 10:38	670.0024
10/19/1999 10:40	669.8486
10/19/1999 10:41	670.0409
10/19/1999 10:42	669.8102
10/19/1999 10:43	670.2332

10/19/1999 10:44	670.4639
10/19/1999 10:45	670.5792
10/19/1999 10:46	670.4639
10/19/1999 10:47	670.5023
10/19/1999 10:48	670.6561
10/19/1999 10:49	670.5792
10/19/1999 10:50	671.1176
10/19/1999 10:52	671.1176
10/19/1999 10:53	671.3483
10/19/1999 10:55	671.3098
10/19/1999 10:57	671.7328
10/19/1999 10:58	671.5405
10/19/1999 10:59	671.8097
10/19/1999 11:03	671.8097

	1d0106.pv
	DEGF
	AIR PREHT
Timestamp	1d0106.pv
10/19/1999 11:58	673.8862
10/19/1999 12:00	673.7708
10/19/1999 12:01	673.9631
10/19/1999 12:02	673.8862
10/19/1999 12:03	673.6555
10/19/1999 12:04	673.7708
10/19/1999 12:07	673.7708
10/19/1999 12:08	673.8862
10/19/1999 12:09	673.7708
10/19/1999 12:10	673.8477
10/19/1999 12:11	673.6939
10/19/1999 12:13	673.7708
10/19/1999 12:15	673.6555
10/19/1999 12:16	673.5016
10/19/1999 12:17	673.194
10/19/1999 12:18	673.3094
10/19/1999 12:19	673.3094
10/19/1999 12:20	673.194
10/19/1999 12:22	673.5016
10/19/1999 12:23	673.3094
10/19/1999 12:24	673.3863
10/19/1999 12:26	673.194
10/19/1999 12:27	673.3094
10/19/1999 12:28	673.194
10/19/1999 12:29	673.194
10/19/1999 12:30	673.3094
10/19/1999 12:31	673.3094
10/19/1999 12:32	673.194
10/19/1999 12:33	673.194
10/19/1999 12:35	673.3863
10/19/1999 12:36	673.2709
10/19/1999 12:37	673.3863
10/19/1999 12:41	673.194
10/19/1999 12:43	673.4632
10/19/1999 12:44	673.3094
10/19/1999 12:45	673.4632
10/19/1999 12:46	673.3094
10/19/1999 12:48	673.2709
10/19/1999 12:49	673.4632
10/19/1999 12:50	673.2709
10/19/1999 12:51	673.4632
10/19/1999 12:52	673.2709
10/19/1999 12:54	673.3094
10/19/1999 12:55	673.194
10/19/1999 12:56	673.5016

Run 3

10/19/1999 12:57	673.3863
10/19/1999 12:58	673.4632
10/19/1999 12:59	673.3094
10/19/1999 13:00	673.8862
10/19/1999 13:01	673.8862
10/19/1999 13:02	673.7708
10/19/1999 13:03	673.8862
10/19/1999 13:04	673.7708
10/19/1999 13:05	673.7708
10/19/1999 13:06	673.8862
10/19/1999 13:07	674.1169
10/19/1999 13:08	673.8477
10/19/1999 13:09	673.7708
10/19/1999 13:10	673.8862
10/19/1999 13:12	673.8477
10/19/1999 13:13	674.1553
10/19/1999 13:14	673.6939
10/19/1999 13:15	674.04
10/19/1999 13:16	674.1169
10/19/1999 13:17	673.8862
10/19/1999 13:18	673.7708
10/19/1999 13:19	674.04
10/19/1999 13:20	673.8477
10/19/1999 13:21	673.8862
10/19/1999 13:22	674.1169
10/19/1999 13:23	673.8862
10/19/1999 13:24	673.8862
10/19/1999 13:25	674.1169
10/19/1999 13:26	673.8477
10/19/1999 13:27	674.2322
10/19/1999 13:28	674.2322
10/19/1999 13:29	674.5399
10/19/1999 13:30	674.3476
10/19/1999 13:31	674.6168
10/19/1999 13:32	674.4245
10/19/1999 13:34	674.7706
10/19/1999 13:35	674.6168
10/19/1999 13:36	674.6168
10/19/1999 13:37	674.7706
10/19/1999 13:38	674.6168
10/19/1999 13:39	675.0782
10/19/1999 13:40	674.7706
10/19/1999 13:41	674.8859
10/19/1999 13:42	675.1551
10/19/1999 13:43	675.0013
10/19/1999 13:44	675.0013
10/19/1999 13:45	675.3474
10/19/1999 13:48	675.1935
10/19/1999 13:50	675.2704

10/19/1999 13:51	675.0013
10/19/1999 13:52	675.2704
10/19/1999 13:53	675.2704
10/19/1999 13:54	675.4243
10/19/1999 13:55	675.4243
10/19/1999 13:56	675.7319
10/19/1999 13:57	675.6165
10/19/1999 13:58	675.7319
10/19/1999 13:59	675.4243
10/19/1999 14:00	675.2704
10/19/1999 14:01	675.4243
10/19/1999 14:02	675.2704
10/19/1999 14:03	675.2704
10/19/1999 14:04	675.4627
10/19/1999 14:05	675.1551
10/19/1999 14:06	675.2704
10/19/1999 14:07	674.8859
10/19/1999 14:08	674.7706
10/19/1999 14:09	674.7706
10/19/1999 14:10	674.8859
10/19/1999 14:12	674.5399
10/19/1999 14:13	674.6168
10/19/1999 14:14	674.2322
10/19/1999 14:16	674.04
10/19/1999 14:17	674.1169
10/19/1999 14:18	674.04
10/19/1999 14:19	673.7708
10/19/1999 14:21	673.5016
10/19/1999 14:22	673.4632
10/19/1999 14:23	673.5786
10/19/1999 14:24	673.4632
10/19/1999 14:25	673.4632
10/19/1999 14:26	673.3094
10/19/1999 14:27	673.5016
10/19/1999 14:30	672.9249
10/19/1999 14:33	672.9249
10/19/1999 14:35	672.8095
10/19/1999 14:36	672.9249
10/19/1999 14:37	672.9249
10/19/1999 14:38	673.0402
10/19/1999 14:41	672.6172
10/19/1999 14:42	672.5403
10/19/1999 14:44	672.2711
10/19/1999 14:46	672.2711
10/19/1999 14:47	672.1558
10/19/1999 14:49	672.1942
10/19/1999 14:50	672.4634
10/19/1999 14:51	672.1558
10/19/1999 14:52	672.348

10/19/1999 14:53	672.002
10/19/1999 14:54	672.2711
10/19/1999 14:55	672.0789
10/19/1999 14:56	672.1942
10/19/1999 14:59	672.0789
10/19/1999 15:00	671.8097

SCRUBBER READINGS

TAKE READINGS EVERY 15 MINUTES

DATE 10/18/99
TEST START TIME 1410
UNIT 1

TIME	INLET TEMP	OUTLET TEMP	DELTA P	BOOSTER FAN AMPS	SLURRY FLOW RATE
1404	250	118	2.18	190	10,000
1415	251	120	2.23	190	10,000
1430	253	120	2.16	190	10,000
1446	253	119	2.15	190	10,000
1500	254	118	1.72	189	10,000
1517	254	118	1.92	189	10,000
1530	253	118	1.90	189	10,000
1546	255	116	2.05	190	10,000
1600	257	116	2.06	190	10,000
1615	256	119	2.14	189	10,000
1631	258	119	2.17	189	10,000
1645	258	119	2.15	189	10,000
1700	259	119	2.19	189	10,000
Average	255	118	2.08	189	10,000

SCRUBBER READINGS

TAKE READINGS EVERY 15 MINUTES

DATE Oct 19, 99
TEST START TIME 0808 TO 1100
UNIT 1

TIME	INLET TEMP	OUTLET TEMP	DELTA P	BOOSTER FAN AMPS	SLURRY FLOW RATE
0808	243	113	3.06	189	10,000
0815	243	113	3.05	188	10,000
0830	244	113	2.92	188	10,000
0845	249	115	2.86	188	10,000
0900	253	115	2.77	189	10,000
0916	258	116	2.69	187	10,000
0930	258	115	2.25	186	10,000
0945	261	116	2.14	186	10,000
1000	260	115	2.43	187	10,000
1016	260	115	2.39	187	10,000
1030	261	116	2.37	186	10,000
1044	258	117	2.26	185	10,000
1100	256	116	2.24	185	10,000
Average	254	105	2.57	187	10,000

SCRUBBER READINGS

TAKE READINGS EVERY 15 MINUTES

DATE OCT 19, 99
TEST START TIME 1215 TO 1500
UNIT 1

TIME	INLET TEMP	OUTLET TEMP	DELTA P	BOOSTER FAN AMPS	SLURRY FLOW RATE
1215	257	118	2.16	185	10,000
1230	263	118	2.09	184	10,000
1245	260	118	2.10	184	10,000
1300	262	118	2.06	184	10,000
1315	260	119	2.13	184	10,000
1330	264	118	2.04	184	10,000
1345	261	118	1.99	184	10,000
1401	263	119	2.02	182	10,000
1415	261	121	2.02	184	10,000
1430	262	121	1.94	184	10,000
1445	261	121	1.86	184	10,000
1500	265	120	1.67	183	10,000
Average	262	119	2.01	184	10,000

Coronado 1 Coal Flow Data					
1j1110.pv		1J1110.PV			
10/18/1999 14:00		KLB/HR			
10/19/1999 15:00		TOTAL UNIT	COAL FLOW		
	Timestamp	1J1110.P1J	1110.PV - SnapShot - Confidence		
	10/18/1999 14:10	404.5	0		
	10/18/1999 14:15	404.2	0		
	10/18/1999 14:20	403.8	0		
	10/18/1999 14:25	403.5	0		
	10/18/1999 14:30	403.2	0		
	10/18/1999 14:35	402.8	0		
	10/18/1999 14:40	402.5	0		
	10/18/1999 14:45	402.2	0		
	10/18/1999 14:50	401.8	0		
	10/18/1999 14:55	401.5	0		
	10/18/1999 15:00	401.2	0		
	10/18/1999 15:05	400.8	0		
	10/18/1999 15:10	400.5	0		
	10/18/1999 15:15	397.6	100		
	10/18/1999 15:20	402.9	100		
	10/18/1999 15:25	405.7	100		
	10/18/1999 15:30	402.9	100		
	10/18/1999 15:35	401.8	100		
	10/18/1999 15:40	403.8	100		
	10/18/1999 15:45	403.3	100		
	10/18/1999 15:50	404.2	100		
	10/18/1999 15:55	404.9	100		
	10/18/1999 16:00	405.6	100		
	10/18/1999 16:05	406.3	100		
	10/18/1999 16:10	413.5	100		
	10/18/1999 16:15	414.3	100		
	10/18/1999 16:20	411.2	100		
	10/18/1999 16:25	408.8	100		
	10/18/1999 16:30	412.1	100		
	10/18/1999 16:35	411.3	100		
	10/18/1999 16:40	411.5	100		
	10/18/1999 16:45	411.4	100		
	10/18/1999 16:50	410.2	100		
	10/18/1999 16:55	411.2	100		
	10/18/1999 17:00	413.8	100		
	Run 1 Average	***405.7***			
	10/19/1999 8:10	400.6	100		
	10/19/1999 8:15	407.8	100		
	10/19/1999 8:20	417.7	100		
	10/19/1999 8:25	417.9	100		
	10/19/1999 8:30	413.0	100		
	10/19/1999 8:35	409.7	100		
	10/19/1999 8:40	407.4	100		
	10/19/1999 8:45	408.4	100		
	10/19/1999 8:50	410.9	100		

Coronado 1 Coal Flow Data					
1j1110.pv		1J1110.PV			
10/18/1999 14:00		KLB/HR			
10/19/1999 15:00		TOTAL UNIT	COAL FLOW		
	Timestamp	1J1110.P1J	1110.PV - SnapShot - Confidence		
	10/19/1999 8:55	412.8	100		
	10/19/1999 9:00	412.5	100		
	10/19/1999 9:05	396.1	100		
	10/19/1999 9:10	392.1	100		
	10/19/1999 9:15	396.7	100		
	10/19/1999 9:20	407.8	100		
	10/19/1999 9:25	413.2	100		
	10/19/1999 9:30	411.2	100		
	10/19/1999 9:35	405.7	100		
	10/19/1999 9:40	403.1	100		
	10/19/1999 9:45	405.1	100		
	10/19/1999 9:50	408.0	100		
	10/19/1999 9:55	410.9	100		
	10/19/1999 10:00	410.5	100		
	10/19/1999 10:05	385.7	100		
	10/19/1999 10:10	380.5	100		
	10/19/1999 10:15	386.1	100		
	10/19/1999 10:20	397.4	100		
	10/19/1999 10:25	408.0	100		
	10/19/1999 10:30	411.5	100		
	10/19/1999 10:35	408.5	100		
	10/19/1999 10:40	403.7	100		
	10/19/1999 10:45	402.1	100		
	10/19/1999 10:50	404.1	100		
	10/19/1999 10:55	409.6	100		
	10/19/1999 11:00	410.3	100		
	10/19/1999 11:05	399.4	100		
	Run 2 Average	***405.2***			
	10/19/1999 12:20	399.9	100		
	10/19/1999 12:25	401.2	100		
	10/19/1999 12:30	405.7	100		
	10/19/1999 12:35	414.1	100		
	10/19/1999 12:40	414.2	100		
	10/19/1999 12:45	411.5	100		
	10/19/1999 12:50	406.9	100		
	10/19/1999 12:55	404.9	100		
	10/19/1999 13:00	407.4	100		
	10/19/1999 13:05	453.6	100		
	10/19/1999 13:10	432.9	100		
	10/19/1999 13:15	417.2	100		
	10/19/1999 13:20	405.1	100		
	10/19/1999 13:25	399.9	100		
	10/19/1999 13:30	404.5	100		
	10/19/1999 13:35	412.8	100		
	10/19/1999 13:40	416.7	100		

Coronado 1 Coal Flow Data					
1j1110.pv		1J1110.PV			
10/18/1999 14:00		KLB/HR			
10/19/1999 15:00		TOTAL UNIT	COAL FLOW		
	Timestamp	1J1110.P1J	1110.PV - SnapShot - Confidence		
	10/19/1999 13:45	413.2	100		
	10/19/1999 13:50	407.2	100		
	10/19/1999 13:55	405.3	100		
	10/19/1999 14:00	407.6	100		
	10/19/1999 14:05	460.3	100		
	10/19/1999 14:10	465.7	100		
	10/19/1999 14:15	437.2	100		
	10/19/1999 14:20	410.5	100		
	10/19/1999 14:25	400.3	100		
	10/19/1999 14:30	404.1	100		
	10/19/1999 14:35	416.1	100		
	10/19/1999 14:40	423.8	100		
	10/19/1999 14:45	420.9	100		
	10/19/1999 14:50	414.1	100		
	10/19/1999 14:55	407.5	100		
	10/19/1999 15:00	406.6	100		
	Run 3 Average	***415.4***			

	MW	STEAM Flow	% O2	FURN GAS OUT Temp	Booster Fan Inlet Temp	B MOD OUT GAS Temp	BMOD DP	FAN AMPS
Group 400 14:29:05	1AI1540 424.6	1BM1P10 2734.7	1FD3C03 2.54	1D0298 688	1JSTT34 253	1JSTT39 119.6	1JSPD46A 2.17	1BBSTFAN 190.9
Group 400 14:29:25	1AI1540 424.1	1BM1P10 2737.1	1FD3C03 2.57	1D0298 688	1JSTT34 253	1JSTT39 119.6	1JSPD46A 2.17	1BBSTFAN 189.6
Group 400 14:29:45	1AI1540 424.3	1BM1P10 2737.3	1FD3C03 2.58	1D0298 688	1JSTT34 253	1JSTT39 119.5	1JSPD46A 2.16	1BBSTFAN 189.6
Group 400 14:30:05	1AI1540 424.9	1BM1P10 2742.9	1FD3C03 2.41	1D0298 688	1JSTT34 253	1JSTT39 119.5	1JSPD46A 2.15	1BBSTFAN 189.9
Group 400 14:30:25	1AI1540 425.2	1BM1P10 2741.5	1FD3C03 2.16	1D0298 688	1JSTT34 253	1JSTT39 119.5	1JSPD46A 2.16	1BBSTFAN 189.8
Group 400 14:30:45	1AI1540 425.0	1BM1P10 2726.4	1FD3C03 2.36	1D0298 688	1JSTT34 253	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 189.6

Run 1

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:31:05	425.7	2746.0	2.46	688	253	119.4	2.15	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:31:25	425.8	2742.0	2.33	688	253	119.4	2.15	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:31:45	425.4	2739.8	2.37	688	253	119.1	2.15	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:32:05	425.8	2738.2	2.42	688	252	118.6	2.15	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:32:25	425.8	2741.9	2.46	688	252	118.2	2.15	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:32:45	425.5	2740.2	2.45	688	252	117.6	2.16	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:33:05	425.4	2737.2	2.49	688	252	117.1	2.16	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:33:25	425.6	2738.5	2.44	688	252	117.3	2.17	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:33:45	425.8	2741.2	2.15	688	252	117.8	2.16	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:34:04	425.4	2739.9	2.20	688	252	118.1	2.17	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:34:24	425.5	2744.7	2.15	688	252	118.4	2.17	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:34:45	425.2	2744.2	2.07	688	252	118.5	2.16	190.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:35:04	425.2	2745.7	2.18	688	252	118.6	2.16	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:35:24	424.6	2749.3	2.28	688	252	118.7	2.15	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:35:44	425.2	2748.0	2.27	688	252	118.8	2.16	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:36:05	425.1	2746.4	2.18	688	252	118.8	2.14	190.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:36:24	424.9	2745.3	2.25	688	252	118.8	2.14	190.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:36:44	425.6	2744.0	2.15	688	252	118.8	2.15	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:37:04	426.0	2747.2	2.08	688	252	118.8	2.15	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:37:24	426.0	2743.8	2.07	688	252	118.8	2.16	190.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:37:44	425.4	2740.1	2.26	688	252	118.8	2.16	191.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:38:04	425.1	2739.2	2.54	688	252	118.7	2.16	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:38:24	425.0	2744.0	2.52	688	252	118.7	2.16	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:38:44	425.2	2741.4	2.41	687	252	118.7	2.16	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:39:04	425.0	2741.5	2.37	687	252	118.7	2.14	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:39:24	424.0	2728.2	2.52	687	252	118.7	2.15	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7

14:40:24	424.2	2739.2	2.26	687	252	118.6	2.18	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:40:44	425.3	2737.9	2.05	687	252	118.6	2.18	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:41:04	425.1	2743.1	1.97	687	252	118.6	2.18	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:41:24	425.3	2741.9	2.03	687	252	118.6	2.18	190.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:41:44	425.6	2744.5	2.09	687	252	118.6	2.18	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:42:04	426.1	2746.0	2.07	688	252	118.6	2.19	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:42:24	425.2	2744.0	2.26	688	253	118.6	0.00	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:42:44	424.4	2742.9	2.54	688	253	118.6	0.00	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:43:04	423.8	2739.6	2.72	688	253	118.6	0.00	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:43:24	424.4	2740.9	2.65	688	253	118.6	0.00	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:43:44	424.4	2739.7	2.28	688	253	118.6	0.00	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:44:04	424.8	2739.8	2.33	688	253	118.6	2.17	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:44:24	425.8	2743.0	2.25	688	253	118.6	2.18	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:44:44	426.1	2741.8	2.19	688	253	118.6	2.18	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:45:04	425.6	2741.6	2.32	688	253	118.6	2.18	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:45:24	425.2	2736.6	2.57	688	253	118.6	2.18	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:45:44	425.5	2736.2	2.55	688	253	118.6	2.17	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:46:05	424.7	2734.7	2.52	688	253	118.6	2.17	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:46:24	424.0	2737.2	2.57	688	253	118.6	2.15	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:46:45	424.5	2733.9	2.67	688	253	118.6	2.13	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:47:04	423.6	2733.3	2.63	688	254	118.6	2.13	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:47:25	424.1	2735.2	2.58	688	254	118.6	2.12	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:47:45	425.4	2721.5	2.11	688	254	118.6	2.14	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:48:05	425.8	2736.7	2.00	688	254	118.7	2.16	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:48:25	425.0	2740.7	2.26	689	254	118.7	2.16	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:48:45	425.0	2744.6	2.58	689	254	118.7	2.17	191.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:49:05	424.5	2740.7	2.72	689	254	118.6	2.17	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:49:25	424.5	2738.4	2.88	689	254	118.6	2.17	189.1	

14:50:05	424.3	2736.1	2.70	688	254	118.6	2.17	187.5		
Group 400 14:50:25	1AI1540 424.0	1BM1P10 2732.5	1FD3C03 2.70	1D0298 688	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.17	1BBSTFAN 189.2	7	
Group 400 14:50:45	1AI1540 424.0	1BM1P10 2727.7	1FD3C03 2.62	1D0298 688	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.18	1BBSTFAN 189.5	7	
Group 400 14:51:05	1AI1540 424.2	1BM1P10 2732.8	1FD3C03 2.54	1D0298 688	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.16	1BBSTFAN 188.9	7	
Group 400 14:51:25	1AI1540 425.4	1BM1P10 2740.2	1FD3C03 2.16	1D0298 688	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.14	1BBSTFAN 189.6	7	
Group 400 14:51:45	1AI1540 425.6	1BM1P10 2740.3	1FD3C03 2.16	1D0298 689	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.15	1BBSTFAN 189.8	7	
Group 400 14:52:05	1AI1540 425.1	1BM1P10 2745.6	1FD3C03 2.33	1D0298 689	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.13	1BBSTFAN 190.1	7	
Group 400 14:52:25	1AI1540 425.1	1BM1P10 2747.5	1FD3C03 2.57	1D0298 689	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.10	1BBSTFAN 189.7	7	
Group 400 14:52:45	1AI1540 425.5	1BM1P10 2749.5	1FD3C03 2.59	1D0298 689	1JSTT34 254	1JSTT39 118.6	1JSPD46A 2.09	1BBSTFAN 189.3	7	
Group 400 14:53:05	1AI1540 425.2	1BM1P10 2744.7	1FD3C03 2.57	1D0298 689	1JSTT34 255	1JSTT39 118.6	1JSPD46A 2.08	1BBSTFAN 190.2	7	
Group 400 14:53:25	1AI1540 424.9	1BM1P10 2746.3	1FD3C03 2.57	1D0298 688	1JSTT34 255	1JSTT39 118.6	1JSPD46A 2.06	1BBSTFAN 190.9	7	
Group 400 14:53:45	1AI1540 425.2	1BM1P10 2742.1	1FD3C03 2.46	1D0298 688	1JSTT34 255	1JSTT39 118.5	1JSPD46A 2.04	1BBSTFAN 189.3	7	
Group 400 14:54:05	1AI1540 424.7	1BM1P10 2739.5	1FD3C03 2.56	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 2.03	1BBSTFAN 190.6	7	
Group 400 14:54:25	1AI1540 425.7	1BM1P10 2739.4	1FD3C03 2.63	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 2.01	1BBSTFAN 189.5	7	
Group 400 14:54:45	1AI1540 425.8	1BM1P10 2738.8	1FD3C03 2.48	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 1.99	1BBSTFAN 189.9	7	
Group 400 14:55:05	1AI1540 425.7	1BM1P10 2738.5	1FD3C03 2.46	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 1.98	1BBSTFAN 189.6	7	
Group 400 14:55:25	1AI1540 425.1	1BM1P10 2730.9	1FD3C03 2.56	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 1.97	1BBSTFAN 190.0	7	
Group 400 14:55:45	1AI1540 424.9	1BM1P10 2736.2	1FD3C03 2.63	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 1.96	1BBSTFAN 190.8	7	
Group 400 14:56:05	1AI1540 424.4	1BM1P10 2737.3	1FD3C03 2.56	1D0298 688	1JSTT34 254	1JSTT39 118.5	1JSPD46A 1.96	1BBSTFAN 190.1	7	
Group 400 14:56:25	1AI1540 424.3	1BM1P10 2723.1	1FD3C03 2.62	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.94	1BBSTFAN 189.4	7	
Group 400 14:56:45	1AI1540 424.7	1BM1P10 2740.8	1FD3C03 2.62	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.94	1BBSTFAN 188.9	7	
Group 400 14:57:05	1AI1540 424.7	1BM1P10 2743.1	1FD3C03 2.48	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.93	1BBSTFAN 190.3	7	
Group 400 14:57:25	1AI1540 424.9	1BM1P10 2742.1	1FD3C03 2.31	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.93	1BBSTFAN 190.9	7	
Group 400 14:57:45	1AI1540 425.2	1BM1P10 2739.8	1FD3C03 2.44	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.91	1BBSTFAN 189.6	7	
Group 400 14:58:05	1AI1540 426.1	1BM1P10 2741.5	1FD3C03 2.32	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.91	1BBSTFAN 190.5	7	
Group 400 14:58:25	1AI1540 425.2	1BM1P10 2734.0	1FD3C03 2.28	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.88	1BBSTFAN 189.5	7	
Group 400 14:58:45	1AI1540 425.3	1BM1P10 2739.2	1FD3C03 2.44	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.89	1BBSTFAN 189.5	7	
Group 400 14:59:05	1AI1540 425.2	1BM1P10 2735.9	1FD3C03 2.44	1D0298 688	1JSTT34 254	1JSTT39 118.4	1JSPD46A 1.87	1BBSTFAN 190.2	7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7	

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:00:05	425.5	2744.6	2.23	688	254	118.4	1.86	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:00:24	424.9	2740.9	2.13	688	254	118.4	1.85	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:00:45	424.5	2745.4	2.33	688	254	118.4	1.84	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:01:04	425.4	2743.0	2.42	688	254	118.4	1.83	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:01:24	424.7	2742.5	2.39	688	254	118.4	1.81	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:01:44	425.0	2739.7	2.30	688	254	117.9	1.81	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:02:04	424.8	2740.6	2.26	688	254	117.6	1.79	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:02:24	425.5	2740.7	2.28	688	254	117.3	0.00	190.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:02:44	425.4	2739.7	2.18	688	254	116.7	0.00	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:03:04	425.7	2736.1	2.18	688	254	116.1	0.00	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:03:24	425.3	2738.5	2.30	688	254	115.9	0.00	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:03:44	425.0	2740.5	2.29	688	254	116.5	0.00	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:04:05	424.5	2740.7	2.26	688	254	117.0	1.72	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:04:24	424.5	2742.6	2.33	688	254	117.3	1.72	190.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:04:44	424.6	2746.9	2.37	688	254	117.5	1.72	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:05:04	425.0	2726.5	2.21	688	253	117.6	1.72	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:05:24	425.3	2742.0	2.24	688	253	117.7	1.71	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:05:44	424.3	2740.6	2.25	688	253	117.7	1.70	190.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:06:04	425.3	2738.8	2.31	688	253	117.8	1.70	190.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:06:24	424.7	2737.8	2.25	688	253	117.7	1.68	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:06:45	424.8	2739.5	2.31	689	253	117.8	1.66	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:07:04	425.3	2735.8	2.18	689	253	117.8	1.64	190.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:07:25	425.5	2735.7	2.24	689	253	117.8	1.64	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:07:44	425.7	2735.9	2.21	689	253	117.8	1.67	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:08:04	424.8	2733.3	2.30	689	253	117.8	1.69	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:08:24	425.1	2738.9	2.34	689	253	117.9	1.70	190.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:08:44	424.7	2739.9	2.24	689	253	117.9	1.71	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:09:44	424.8	2733.6	2.17	689	253	117.9	1.71	190.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:10:05	425.7	2736.5	2.36	689	253	117.9	1.71	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:10:24	424.8	2732.9	2.36	689	253	117.9	1.71	190.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:10:44	425.9	2738.2	2.34	689	253	117.9	1.70	190.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:11:04	425.4	2732.9	2.36	689	253	117.9	1.71	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:11:25	425.1	2731.0	2.48	689	253	117.9	1.71	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:11:44	424.8	2730.3	2.63	689	253	117.9	1.71	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:12:04	424.7	2734.7	2.52	689	253	117.9	1.73	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:12:24	424.9	2733.1	2.38	689	253	117.9	1.73	190.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:12:44	424.8	2733.0	2.28	689	253	117.8	1.74	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:13:04	424.2	2732.9	2.23	689	253	117.8	1.73	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:13:24	424.9	2739.0	2.17	689	253	117.8	1.74	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:13:44	425.3	2725.8	2.11	689	253	117.8	1.74	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:14:04	425.8	2743.2	2.16	689	253	117.8	1.73	190.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:14:25	424.7	2740.8	2.46	690	253	117.8	1.73	191.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:14:44	425.0	2738.6	2.65	690	253	117.8	1.74	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:15:04	424.4	2736.0	2.68	689	253	117.8	1.73	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:15:24	424.2	2733.8	2.70	689	253	117.8	1.73	190.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:15:44	424.2	2732.4	2.57	689	253	117.8	1.71	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:16:04	424.2	2729.5	2.44	689	253	117.8	1.71	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:16:24	424.0	2729.2	2.40	689	253	117.8	1.71	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:16:44	424.0	2730.0	2.48	689	253	117.8	1.71	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:17:05	424.2	2730.9	2.54	690	253	117.8	1.69	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:17:25	424.3	2732.9	2.61	690	253	117.8	1.70	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:17:45	424.6	2736.8	2.58	690	253	117.8	1.70	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:18:05	425.2	2738.2	2.55	690	253	117.8	1.71	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:18:25	424.7	2735.0	2.43	690	253	117.8	1.70	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:18:45	425.0	2736.5	2.57	690	253	117.9	1.70	189.4	

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:19:45	425.2	2739.8	2.46	690	253	117.9	1.69	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:20:05	425.5	2741.2	2.38	690	254	117.9	1.70	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:20:25	424.7	2740.3	2.34	690	254	117.9	1.70	190.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:20:45	425.0	2737.6	2.37	690	254	117.9	1.69	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:21:05	425.2	2741.1	2.38	690	254	117.9	1.69	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:21:25	425.3	2741.8	2.32	690	254	117.9	1.69	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:21:45	424.9	2739.5	2.43	689	254	117.9	1.70	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:22:05	425.4	2739.8	2.39	689	254	117.9	1.71	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:22:25	424.8	2714.9	2.38	689	254	117.9	0.00	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:22:45	425.4	2739.6	2.45	689	254	117.9	0.00	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:23:05	425.7	2736.4	2.31	690	254	117.9	0.00	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:23:25	425.5	2734.5	2.29	689	254	117.9	0.00	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:23:45	425.3	2734.8	2.44	689	254	117.9	0.00	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:24:05	425.8	2735.9	2.55	689	254	117.9	1.78	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:24:25	426.0	2735.1	2.41	689	253	118.0	1.78	190.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:24:45	426.2	2730.8	2.29	689	253	118.0	1.79	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:25:05	426.0	2734.0	2.33	689	253	118.0	1.81	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:25:25	425.5	2735.2	2.39	689	253	118.0	1.81	190.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:25:45	425.0	2738.4	2.54	689	253	118.0	1.83	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:26:05	425.4	2739.5	2.40	689	253	118.0	1.83	191.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:26:25	425.1	2740.7	2.29	689	253	118.0	1.82	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:26:45	424.7	2738.5	2.25	689	253	118.0	1.82	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:27:05	424.7	2741.9	2.19	689	253	118.1	1.82	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:27:25	425.5	2744.4	2.21	689	253	118.1	1.81	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:27:45	425.0	2742.4	2.19	689	253	118.1	1.85	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:28:05	425.0	2742.3	2.30	689	253	118.1	1.87	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:28:24	424.7	2739.6	2.40	689	253	118.1	1.89	189.8	

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:29:25	425.1	2738.9	2.13	690	253	118.0	1.90	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:29:44	425.1	2738.7	2.15	690	253	118.1	1.90	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:30:05	425.1	2739.5	2.24	690	253	118.1	1.92	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:30:26	424.6	2737.5	2.32	689	253	118.1	1.92	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:30:46	424.2	2737.3	2.46	689	253	118.0	1.93	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:31:06	424.7	2718.0	2.54	689	253	118.0	1.94	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:31:26	424.2	2733.6	2.57	690	253	118.0	1.95	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:31:46	424.6	2731.9	2.54	690	253	118.1	1.96	190.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:32:06	425.2	2733.4	2.38	690	253	118.0	1.97	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:32:26	425.1	2730.9	2.24	690	253	118.0	1.97	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:32:46	425.1	2731.1	2.26	690	253	118.0	2.00	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:33:06	425.1	2734.9	2.44	690	253	118.0	2.00	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:33:26	424.4	2732.6	2.61	690	253	118.0	2.01	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:33:46	424.0	2735.7	2.80	690	253	118.0	2.01	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:34:06	424.5	2736.2	2.70	690	253	118.0	2.03	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:34:26	424.4	2733.4	2.50	690	253	118.0	2.02	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:34:46	424.6	2734.5	2.41	690	253	118.0	2.02	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:35:06	424.2	2736.3	2.27	690	253	118.0	2.03	191.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:35:26	424.6	2735.9	2.31	690	253	118.0	2.05	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:35:46	424.6	2733.8	2.35	690	253	118.0	2.04	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:36:06	425.7	2739.3	2.27	690	253	118.0	2.04	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:36:26	425.0	2736.2	2.17	690	254	118.0	2.05	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:36:46	425.6	2741.4	2.20	690	254	118.0	2.05	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:37:06	425.8	2738.4	2.20	690	254	118.0	2.06	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:37:26	425.1	2737.5	2.32	691	254	118.0	2.05	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:37:46	424.8	2735.2	2.45	691	254	118.0	2.06	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:38:06	424.9	2733.6	2.63	691	254	118.0	2.05	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:38:27	425.2	2730.4	2.47	691	254	118.0	2.05	189.3	

Group 400 15:39:06	1AI1540 425.6	1BM1P10 2731.6	1FD3C03 2.23	1D0298 690	1JSTT34 254	1JSTT39 117.9	1JSPD46A 2.06	1BBSTFAN 190.9	7
Group 400 15:39:26	1AI1540 426.4	1BM1P10 2723.6	1FD3C03 2.27	1D0298 690	1JSTT34 254	1JSTT39 117.9	1JSPD46A 2.06	1BBSTFAN 188.9	7
Group 400 15:39:46	1AI1540 426.6	1BM1P10 2721.7	1FD3C03 2.18	1D0298 691	1JSTT34 254	1JSTT39 117.9	1JSPD46A 2.05	1BBSTFAN 188.8	7
Group 400 15:40:06	1AI1540 425.3	1BM1P10 2728.4	1FD3C03 2.26	1D0298 691	1JSTT34 254	1JSTT39 117.9	1JSPD46A 2.06	1BBSTFAN 190.0	7
Group 400 15:40:26	1AI1540 424.6	1BM1P10 2730.0	1FD3C03 2.48	1D0298 690	1JSTT34 254	1JSTT39 117.9	1JSPD46A 2.06	1BBSTFAN 189.4	7
Group 400 15:40:46	1AI1540 424.5	1BM1P10 2731.9	1FD3C03 2.51	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.06	1BBSTFAN 189.9	7
Group 400 15:41:07	1AI1540 424.1	1BM1P10 2728.0	1FD3C03 2.58	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.07	1BBSTFAN 189.6	7
Group 400 15:41:26	1AI1540 423.7	1BM1P10 2725.1	1FD3C03 2.61	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.07	1BBSTFAN 189.7	7
Group 400 15:41:47	1AI1540 424.1	1BM1P10 2728.0	1FD3C03 2.46	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 189.0	7
Group 400 15:42:07	1AI1540 424.1	1BM1P10 2726.1	1FD3C03 2.35	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 188.7	7
Group 400 15:42:27	1AI1540 424.0	1BM1P10 2727.3	1FD3C03 2.37	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 0.00	1BBSTFAN 188.4	7
Group 400 15:42:46	1AI1540 424.0	1BM1P10 2727.2	1FD3C03 2.44	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 0.00	1BBSTFAN 189.5	7
Group 400 15:43:07	1AI1540 424.3	1BM1P10 2731.3	1FD3C03 2.51	1D0298 689	1JSTT34 254	1JSTT39 117.8	1JSPD46A 0.00	1BBSTFAN 189.2	7
Group 400 15:43:27	1AI1540 424.0	1BM1P10 2729.9	1FD3C03 2.50	1D0298 689	1JSTT34 254	1JSTT39 117.8	1JSPD46A 0.00	1BBSTFAN 189.7	7
Group 400 15:43:47	1AI1540 423.8	1BM1P10 2733.5	1FD3C03 2.57	1D0298 689	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.09	1BBSTFAN 189.5	7
Group 400 15:44:07	1AI1540 424.3	1BM1P10 2736.6	1FD3C03 2.36	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.09	1BBSTFAN 189.4	7
Group 400 15:44:26	1AI1540 424.9	1BM1P10 2739.0	1FD3C03 2.29	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 189.7	7
Group 400 15:44:46	1AI1540 426.1	1BM1P10 2736.3	1FD3C03 2.13	1D0298 690	1JSTT34 254	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 189.5	7
Group 400 15:45:06	1AI1540 426.1	1BM1P10 2737.8	1FD3C03 2.04	1D0298 691	1JSTT34 255	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 188.4	7
Group 400 15:45:26	1AI1540 426.0	1BM1P10 2732.1	1FD3C03 2.14	1D0298 691	1JSTT34 254	1JSTT39 117.7	1JSPD46A 2.09	1BBSTFAN 189.2	7
Group 400 15:45:46	1AI1540 426.2	1BM1P10 2733.0	1FD3C03 2.41	1D0298 691	1JSTT34 254	1JSTT39 117.7	1JSPD46A 2.09	1BBSTFAN 189.3	7
Group 400 15:46:06	1AI1540 426.3	1BM1P10 2731.8	1FD3C03 2.57	1D0298 691	1JSTT34 254	1JSTT39 117.6	1JSPD46A 2.09	1BBSTFAN 189.4	7
Group 400 15:46:26	1AI1540 425.7	1BM1P10 2728.3	1FD3C03 2.55	1D0298 691	1JSTT34 254	1JSTT39 117.5	1JSPD46A 2.08	1BBSTFAN 188.8	7
Group 400 15:46:47	1AI1540 424.5	1BM1P10 2727.6	1FD3C03 2.60	1D0298 691	1JSTT34 254	1JSTT39 117.4	1JSPD46A 2.05	1BBSTFAN 190.2	7
Group 400 15:47:07	1AI1540 424.9	1BM1P10 2731.8	1FD3C03 2.60	1D0298 690	1JSTT34 254	1JSTT39 117.3	1JSPD46A 2.04	1BBSTFAN 188.6	7
Group 400 15:47:27	1AI1540 425.1	1BM1P10 2728.9	1FD3C03 2.50	1D0298 690	1JSTT34 255	1JSTT39 117.2	1JSPD46A 2.03	1BBSTFAN 189.6	7
Group 400 15:47:47	1AI1540 425.7	1BM1P10 2729.2	1FD3C03 2.43	1D0298 690	1JSTT34 255	1JSTT39 117.1	1JSPD46A 2.06	1BBSTFAN 188.4	7
Group 400 15:48:07	1AI1540 425.4	1BM1P10 2712.2	1FD3C03 2.39	1D0298 690	1JSTT34 255	1JSTT39 117.1	1JSPD46A 2.07	1BBSTFAN 190.1	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:49:07	424.5	2732.5	2.64	690	255	116.8	2.07	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:49:26	423.8	2730.7	2.62	690	255	116.7	2.08	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:49:47	423.9	2731.9	2.59	689	255	116.7	2.07	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:50:07	423.8	2734.5	2.52	689	256	116.6	2.06	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:50:27	423.5	2733.3	2.52	689	256	116.5	2.07	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:50:47	423.4	2732.9	2.51	689	256	116.5	2.06	190.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:51:07	423.7	2733.0	2.37	689	256	116.4	2.06	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:51:27	423.3	2730.0	2.42	689	256	116.4	2.06	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:51:47	423.7	2732.6	2.42	689	256	116.4	2.06	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:52:06	424.3	2733.8	2.25	689	256	116.3	2.07	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:52:27	425.3	2742.4	2.08	689	256	116.3	2.05	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:52:47	425.6	2742.4	1.89	690	256	116.3	2.06	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:53:06	426.0	2742.1	1.98	690	256	116.3	2.06	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:53:26	425.9	2740.2	2.17	690	257	116.3	2.05	190.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:53:47	425.1	2738.7	2.36	690	257	116.3	2.05	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:54:07	425.0	2735.4	2.49	691	257	116.2	2.05	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:54:27	425.0	2734.3	2.45	691	257	116.2	2.04	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:54:47	425.0	2734.2	2.58	690	257	116.2	2.06	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:55:07	425.1	2729.4	2.50	690	257	116.2	2.04	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:55:27	424.7	2731.1	2.52	690	257	116.2	2.05	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:55:47	424.4	2727.6	2.55	690	257	116.2	2.05	188.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:56:07	424.6	2733.3	2.55	690	257	116.2	2.05	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:56:27	424.8	2736.2	2.47	690	257	116.2	2.05	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:56:47	425.0	2719.7	2.31	690	257	116.2	2.05	190.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:57:07	426.5	2743.9	2.20	690	257	116.2	2.05	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:57:27	426.1	2745.8	2.18	690	257	116.2	2.05	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:57:47	426.4	2748.3	2.31	690	257	116.2	2.05	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:58:47	428.7	2756.9	2.04	691	257	116.2	2.06	188.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:59:07	429.0	2761.2	2.16	691	257	116.2	2.06	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:59:27	430.2	2762.1	2.20	691	257	116.2	2.06	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
15:59:47	429.7	2758.7	2.44	692	257	116.3	2.06	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:00:07	430.0	2759.6	2.55	692	257	116.4	2.07	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:00:27	429.8	2760.9	2.43	692	257	116.4	2.08	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:00:47	429.3	2761.6	2.52	692	257	116.5	2.10	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:01:07	429.1	2763.4	2.53	692	257	116.6	2.10	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:01:26	428.9	2765.0	2.52	692	257	116.6	2.09	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:01:47	428.8	2762.0	2.42	691	257	116.7	2.09	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:02:07	428.0	2760.2	2.51	691	257	116.7	2.10	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:02:27	428.2	2759.9	2.57	691	257	116.8	0.00	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:02:47	428.3	2763.6	2.43	691	257	116.8	0.00	190.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:03:07	429.0	2764.3	2.26	692	257	116.8	0.00	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:03:27	430.0	2771.2	2.02	692	257	116.8	0.00	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:03:47	429.9	2770.5	1.98	692	257	116.9	2.00	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:04:07	430.1	2771.4	2.25	693	257	116.9	2.07	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:04:27	429.6	2770.4	2.43	693	257	116.9	2.07	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:04:47	429.6	2772.0	2.41	693	257	116.9	2.07	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:05:07	429.6	2770.2	2.46	693	257	116.9	2.08	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:05:26	430.7	2752.7	2.47	693	257	116.9	2.07	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:05:47	430.4	2766.3	2.41	694	257	116.9	2.06	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:06:07	429.9	2765.0	2.41	694	257	116.9	2.06	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:06:26	430.6	2767.2	2.44	694	257	116.9	2.05	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:06:47	430.5	2761.1	2.32	694	257	116.9	2.03	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:07:07	430.8	2765.8	2.46	694	257	116.9	2.02	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:07:27	430.4	2762.4	2.39	693	257	117.0	2.02	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:08:27	430.4	2762.9	2.47	693	257	117.1	2.08	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:08:47	430.1	2762.8	2.30	693	257	117.2	2.09	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:09:07	430.5	2762.8	2.40	693	257	117.3	2.09	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:09:27	430.9	2763.6	2.42	693	257	117.4	2.09	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:09:47	430.2	2762.3	2.44	693	257	117.5	2.09	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:10:07	429.5	2764.3	2.46	693	256	117.6	2.10	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:10:27	429.3	2763.1	2.46	693	256	117.7	2.10	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:10:47	428.9	2763.3	2.43	693	256	117.8	2.11	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:11:07	429.0	2764.4	2.44	693	256	117.9	2.10	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:11:27	428.8	2766.1	2.36	693	256	118.0	2.11	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:11:47	428.6	2767.3	2.18	693	256	118.1	2.10	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:12:07	429.2	2767.8	2.25	693	257	118.2	2.11	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:12:27	429.0	2768.6	2.36	693	257	118.2	2.12	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:12:47	429.6	2765.6	2.41	693	257	118.3	2.12	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:13:07	429.6	2765.1	2.36	693	257	118.4	2.13	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:13:27	429.5	2766.2	2.41	693	257	118.5	2.13	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:13:47	429.3	2764.3	2.37	693	257	118.6	2.13	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:14:07	429.9	2747.7	2.40	693	257	118.6	2.13	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:14:26	430.0	2766.4	2.42	694	256	118.7	2.14	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:14:47	430.7	2768.1	2.37	694	256	118.7	2.14	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:15:07	431.0	2765.7	2.34	694	256	118.8	2.15	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:15:27	430.1	2764.7	2.35	694	256	118.8	2.14	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:15:47	430.0	2767.3	2.53	693	256	118.9	2.15	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:16:07	430.0	2765.9	2.51	693	256	118.9	2.16	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:16:27	430.1	2768.5	2.66	693	256	118.9	2.15	189.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:16:47	430.3	2768.6	2.38	693	256	119.0	2.16	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:17:07	429.6	2765.4	2.36	693	256	119.0	2.16	190.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:17:27	429.9	2769.9	2.45	693	256	119.1	2.15	188.6	

16:16:07	429.8	2775.1	2.41	693	256	119.1	2.16	188.9	
Group 400 16:18:27	1AI1540 430.0	1BM1P10 2777.1	1FD3C03 2.21	1D0298 693	1JSTT34 256	1JSTT39 119.2	1JSPD46A 2.15	1BBSTFAN 189.6	7
Group 400 16:18:47	1AI1540 430.2	1BM1P10 2778.1	1FD3C03 1.88	1D0298 693	1JSTT34 256	1JSTT39 119.2	1JSPD46A 2.16	1BBSTFAN 189.1	7
Group 400 16:19:07	1AI1540 429.8	1BM1P10 2779.8	1FD3C03 1.80	1D0298 693	1JSTT34 256	1JSTT39 119.3	1JSPD46A 2.16	1BBSTFAN 188.1	7
Group 400 16:19:27	1AI1540 430.2	1BM1P10 2782.2	1FD3C03 2.09	1D0298 693	1JSTT34 256	1JSTT39 119.3	1JSPD46A 2.16	1BBSTFAN 190.1	7
Group 400 16:19:47	1AI1540 428.8	1BM1P10 2775.3	1FD3C03 2.49	1D0298 693	1JSTT34 257	1JSTT39 119.3	1JSPD46A 2.16	1BBSTFAN 188.2	7
Group 400 16:20:07	1AI1540 428.5	1BM1P10 2776.0	1FD3C03 2.70	1D0298 693	1JSTT34 257	1JSTT39 119.3	1JSPD46A 2.16	1BBSTFAN 189.1	7
Group 400 16:20:27	1AI1540 429.0	1BM1P10 2776.8	1FD3C03 2.61	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 189.4	7
Group 400 16:20:47	1AI1540 429.9	1BM1P10 2777.9	1FD3C03 2.36	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 188.8	7
Group 400 16:21:07	1AI1540 430.7	1BM1P10 2772.9	1FD3C03 2.20	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.17	1BBSTFAN 189.1	7
Group 400 16:21:27	1AI1540 431.1	1BM1P10 2778.5	1FD3C03 2.23	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.17	1BBSTFAN 189.5	7
Group 400 16:21:47	1AI1540 431.7	1BM1P10 2779.2	1FD3C03 2.15	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.17	1BBSTFAN 189.2	7
Group 400 16:22:07	1AI1540 431.7	1BM1P10 2779.5	1FD3C03 2.19	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.17	1BBSTFAN 188.7	7
Group 400 16:22:27	1AI1540 431.2	1BM1P10 2780.8	1FD3C03 2.20	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 0.00	1BBSTFAN 188.8	7
Group 400 16:22:47	1AI1540 431.1	1BM1P10 2755.8	1FD3C03 2.41	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 0.00	1BBSTFAN 189.3	7
Group 400 16:23:07	1AI1540 430.7	1BM1P10 2778.1	1FD3C03 2.55	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 0.00	1BBSTFAN 189.2	7
Group 400 16:23:27	1AI1540 429.7	1BM1P10 2772.5	1FD3C03 2.47	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 0.00	1BBSTFAN 188.7	7
Group 400 16:23:47	1AI1540 428.7	1BM1P10 2775.2	1FD3C03 2.45	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 188.8	7
Group 400 16:24:07	1AI1540 429.9	1BM1P10 2775.4	1FD3C03 2.05	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 189.0	7
Group 400 16:24:27	1AI1540 429.7	1BM1P10 2774.4	1FD3C03 1.92	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 189.7	7
Group 400 16:24:47	1AI1540 429.9	1BM1P10 2777.5	1FD3C03 2.00	1D0298 693	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 188.6	7
Group 400 16:25:07	1AI1540 429.4	1BM1P10 2776.1	1FD3C03 2.16	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.16	1BBSTFAN 189.0	7
Group 400 16:25:27	1AI1540 430.2	1BM1P10 2776.4	1FD3C03 2.27	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.14	1BBSTFAN 189.5	7
Group 400 16:25:47	1AI1540 430.5	1BM1P10 2777.2	1FD3C03 2.30	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.14	1BBSTFAN 188.5	7
Group 400 16:26:07	1AI1540 431.0	1BM1P10 2775.9	1FD3C03 2.38	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.14	1BBSTFAN 188.4	7
Group 400 16:26:27	1AI1540 430.3	1BM1P10 2773.4	1FD3C03 2.45	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.12	1BBSTFAN 189.8	7
Group 400 16:26:47	1AI1540 430.3	1BM1P10 2771.0	1FD3C03 2.61	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.10	1BBSTFAN 190.0	7
Group 400 16:27:07	1AI1540 429.8	1BM1P10 2768.8	1FD3C03 2.67	1D0298 694	1JSTT34 257	1JSTT39 119.4	1JSPD46A 2.10	1BBSTFAN 188.4	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:28:07	430.4	2769.6	2.28	694	257	119.4	2.13	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:28:27	430.0	2768.7	2.38	694	257	119.4	2.15	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:28:47	430.1	2774.3	2.42	694	257	119.4	2.15	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:29:07	430.1	2772.2	2.38	694	257	119.4	2.14	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:29:27	430.2	2771.8	2.54	694	258	119.4	2.15	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:29:47	430.2	2774.9	2.47	694	257	119.4	2.16	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:30:07	431.0	2776.2	2.40	694	258	119.4	2.15	188.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:30:27	430.4	2775.6	2.38	694	258	119.4	2.16	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:30:47	429.9	2772.8	2.44	694	258	119.4	2.16	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:31:07	429.9	2773.4	2.52	694	258	119.4	2.16	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:31:27	430.4	2756.5	2.37	694	257	119.5	2.17	190.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:31:47	431.1	2774.4	2.15	694	258	119.5	2.16	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:32:07	431.2	2775.6	2.03	694	258	119.5	2.16	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:32:27	430.7	2771.1	2.17	694	258	119.4	2.18	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:32:47	430.8	2773.1	2.35	694	258	119.4	2.17	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:33:07	430.6	2772.5	2.41	694	258	119.4	2.17	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:33:27	430.0	2770.4	2.45	694	258	119.4	2.16	188.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:33:47	428.8	2770.1	2.68	693	258	119.4	2.18	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:34:07	429.0	2769.2	2.53	693	258	119.4	2.16	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:34:27	428.5	2768.5	2.41	693	258	119.4	2.16	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:34:47	428.6	2767.2	2.33	693	258	119.4	2.17	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:35:07	428.9	2769.8	2.16	693	258	119.4	2.17	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:35:27	428.6	2770.9	2.15	693	258	119.4	2.16	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:35:47	429.1	2776.8	1.91	694	258	119.4	2.17	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:36:07	429.7	2772.9	1.96	694	258	119.4	2.17	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:36:27	429.8	2778.3	2.10	694	258	119.4	2.19	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:36:47	430.3	2776.2	2.27	694	258	119.4	2.17	189.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:37:07	429.5	2776.5	2.38	694	258	119.4	2.18	188.4	

16:37:47	429.1	2770.1	2.63	694	258	119.4	2.18	188.4	
Group 400 16:38:07	1AI1540 428.4	1BM1P10 2767.2	1FD3C03 2.61	1D0298 694	1JSTT34 258	1JSTT39 119.4	1JSPD46A 2.18	1BBSTFAN 190.3	7
Group 400 16:38:27	1AI1540 430.0	1BM1P10 2769.4	1FD3C03 2.50	1D0298 694	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 188.8	7
Group 400 16:38:47	1AI1540 430.7	1BM1P10 2769.6	1FD3C03 2.19	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 189.3	7
Group 400 16:39:07	1AI1540 431.7	1BM1P10 2771.0	1FD3C03 2.09	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 189.1	7
Group 400 16:39:27	1AI1540 432.5	1BM1P10 2775.9	1FD3C03 2.02	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 189.5	7
Group 400 16:39:47	1AI1540 433.0	1BM1P10 2774.0	1FD3C03 2.00	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 189.9	7
Group 400 16:40:07	1AI1540 432.8	1BM1P10 2774.2	1FD3C03 2.08	1D0298 696	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.20	1BBSTFAN 188.9	7
Group 400 16:40:27	1AI1540 431.9	1BM1P10 2779.0	1FD3C03 2.33	1D0298 696	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 189.8	7
Group 400 16:40:47	1AI1540 430.7	1BM1P10 2776.7	1FD3C03 2.57	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 189.4	7
Group 400 16:41:07	1AI1540 430.4	1BM1P10 2774.7	1FD3C03 2.57	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 188.7	7
Group 400 16:41:27	1AI1540 429.5	1BM1P10 2771.9	1FD3C03 2.44	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.19	1BBSTFAN 188.2	7
Group 400 16:41:47	1AI1540 428.4	1BM1P10 2768.6	1FD3C03 2.54	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.19	1BBSTFAN 190.4	7
Group 400 16:42:07	1AI1540 429.6	1BM1P10 2774.7	1FD3C03 2.43	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.19	1BBSTFAN 188.6	7
Group 400 16:42:27	1AI1540 431.3	1BM1P10 2771.7	1FD3C03 2.16	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 0.00	1BBSTFAN 188.6	7
Group 400 16:42:47	1AI1540 431.8	1BM1P10 2773.2	1FD3C03 2.25	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 0.00	1BBSTFAN 188.4	7
Group 400 16:43:07	1AI1540 431.1	1BM1P10 2770.8	1FD3C03 2.36	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 0.00	1BBSTFAN 188.0	7
Group 400 16:43:27	1AI1540 431.7	1BM1P10 2771.3	1FD3C03 2.43	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 0.00	1BBSTFAN 188.5	7
Group 400 16:43:47	1AI1540 431.3	1BM1P10 2770.7	1FD3C03 2.42	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 189.1	7
Group 400 16:44:07	1AI1540 430.6	1BM1P10 2770.6	1FD3C03 2.42	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 188.4	7
Group 400 16:44:27	1AI1540 429.6	1BM1P10 2771.4	1FD3C03 2.45	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 188.4	7
Group 400 16:44:47	1AI1540 429.5	1BM1P10 2773.3	1FD3C03 2.44	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 188.4	7
Group 400 16:45:07	1AI1540 429.6	1BM1P10 2776.3	1FD3C03 2.34	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.19	1BBSTFAN 189.4	7
Group 400 16:45:27	1AI1540 429.3	1BM1P10 2775.3	1FD3C03 2.37	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 189.8	7
Group 400 16:45:47	1AI1540 429.0	1BM1P10 2775.0	1FD3C03 2.42	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 188.5	7
Group 400 16:46:07	1AI1540 428.8	1BM1P10 2776.1	1FD3C03 2.51	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.18	1BBSTFAN 188.8	7
Group 400 16:46:27	1AI1540 428.5	1BM1P10 2771.4	1FD3C03 2.45	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.16	1BBSTFAN 188.5	7
Group 400 16:46:46	1AI1540 428.5	1BM1P10 2772.7	1FD3C03 2.49	1D0298 695	1JSTT34 258	1JSTT39 119.3	1JSPD46A 2.14	1BBSTFAN 189.1	7

16:47:26	428.7	2771.7	2.27	694	258	119.2	2.11	188.3	
Group 400 16:47:47	1AI1540 428.3	1BM1P10 2770.1	1FD3C03 2.30	1D0298 694	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.14	1BBSTFAN 188.9	7
Group 400 16:48:07	1AI1540 428.9	1BM1P10 2774.4	1FD3C03 2.35	1D0298 694	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.16	1BBSTFAN 188.2	7
Group 400 16:48:26	1AI1540 430.4	1BM1P10 2757.9	1FD3C03 2.17	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.18	1BBSTFAN 188.4	7
Group 400 16:48:46	1AI1540 431.1	1BM1P10 2773.4	1FD3C03 2.13	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.18	1BBSTFAN 188.7	7
Group 400 16:49:07	1AI1540 431.5	1BM1P10 2776.9	1FD3C03 2.09	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.17	1BBSTFAN 188.9	7
Group 400 16:49:27	1AI1540 431.0	1BM1P10 2775.4	1FD3C03 2.22	1D0298 695	1JSTT34 258	1JSTT39 119.2	1JSPD46A 2.19	1BBSTFAN 189.8	7
Group 400 16:49:47	1AI1540 431.6	1BM1P10 2778.3	1FD3C03 2.21	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.18	1BBSTFAN 188.4	7
Group 400 16:50:07	1AI1540 430.8	1BM1P10 2773.4	1FD3C03 2.34	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.19	1BBSTFAN 189.9	7
Group 400 16:50:26	1AI1540 430.3	1BM1P10 2772.4	1FD3C03 2.51	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.18	1BBSTFAN 189.4	7
Group 400 16:50:47	1AI1540 430.4	1BM1P10 2771.1	1FD3C03 2.66	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.17	1BBSTFAN 189.7	7
Group 400 16:51:07	1AI1540 430.2	1BM1P10 2766.8	1FD3C03 2.69	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.18	1BBSTFAN 188.4	7
Group 400 16:51:26	1AI1540 430.0	1BM1P10 2767.9	1FD3C03 2.70	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.18	1BBSTFAN 188.0	7
Group 400 16:51:46	1AI1540 430.1	1BM1P10 2768.5	1FD3C03 2.58	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.18	1BBSTFAN 188.8	7
Group 400 16:52:07	1AI1540 430.3	1BM1P10 2768.3	1FD3C03 2.45	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.19	1BBSTFAN 188.0	7
Group 400 16:52:26	1AI1540 429.5	1BM1P10 2766.4	1FD3C03 2.39	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.17	1BBSTFAN 189.4	7
Group 400 16:52:47	1AI1540 428.9	1BM1P10 2767.9	1FD3C03 2.54	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.17	1BBSTFAN 188.1	7
Group 400 16:53:07	1AI1540 429.3	1BM1P10 2768.5	1FD3C03 2.58	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.16	1BBSTFAN 188.0	7
Group 400 16:53:26	1AI1540 428.7	1BM1P10 2768.4	1FD3C03 2.56	1D0298 695	1JSTT34 259	1JSTT39 119.1	1JSPD46A 2.14	1BBSTFAN 188.1	7
Group 400 16:53:47	1AI1540 428.1	1BM1P10 2771.6	1FD3C03 2.54	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.14	1BBSTFAN 189.0	7
Group 400 16:54:07	1AI1540 428.8	1BM1P10 2771.8	1FD3C03 2.52	1D0298 694	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.14	1BBSTFAN 190.0	7
Group 400 16:54:26	1AI1540 428.8	1BM1P10 2770.4	1FD3C03 2.48	1D0298 694	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.15	1BBSTFAN 188.1	7
Group 400 16:54:47	1AI1540 428.7	1BM1P10 2774.5	1FD3C03 2.43	1D0298 695	1JSTT34 258	1JSTT39 119.1	1JSPD46A 2.17	1BBSTFAN 189.2	7
Group 400 16:55:07	1AI1540 429.6	1BM1P10 2776.6	1FD3C03 2.31	1D0298 694	1JSTT34 259	1JSTT39 119.0	1JSPD46A 2.18	1BBSTFAN 188.9	7
Group 400 16:55:26	1AI1540 430.1	1BM1P10 2776.2	1FD3C03 2.18	1D0298 695	1JSTT34 259	1JSTT39 119.0	1JSPD46A 2.17	1BBSTFAN 188.3	7
Group 400 16:55:47	1AI1540 430.2	1BM1P10 2774.9	1FD3C03 2.29	1D0298 695	1JSTT34 259	1JSTT39 119.0	1JSPD46A 2.18	1BBSTFAN 189.0	7
Group 400 16:56:07	1AI1540 430.4	1BM1P10 2775.7	1FD3C03 2.51	1D0298 694	1JSTT34 259	1JSTT39 119.0	1JSPD46A 2.17	1BBSTFAN 189.5	7
Group 400 16:56:26	1AI1540 429.8	1BM1P10 2773.4	1FD3C03 2.51	1D0298 694	1JSTT34 259	1JSTT39 119.0	1JSPD46A 2.19	1BBSTFAN 189.3	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:57:27	430.3	2771.8	2.26	694	259	119.0	2.19	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:57:46	429.9	2771.0	2.30	694	259	119.0	2.17	189.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:58:07	430.3	2770.1	2.53	694	259	118.9	2.17	189.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:58:27	430.4	2767.5	2.50	694	259	118.9	2.18	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:58:46	430.5	2767.2	2.42	694	259	118.9	2.18	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:59:07	430.1	2766.3	2.51	694	259	118.9	2.19	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:59:27	430.3	2766.1	2.54	694	259	118.9	2.19	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
16:59:46	429.3	2767.3	2.58	694	259	118.9	2.19	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
17:00:06	429.5	2771.8	2.50	694	259	118.9	2.19	188.7	

Run 1

Group 400 08:09:43	1AI1540 428.5	1BM1P10 2750.4	1FD3C03 2.87	1D0298 721	1JSTT34 243	1JSTT39 112.7	1JSPD46A 2.98	1BBSTFAN 189.3	?
Group 400 08:10:03	1AI1540 428.2	1BM1P10 2751.6	1FD3C03 2.99	1D0298 721	1JSTT34 243	1JSTT39 112.7	1JSPD46A 2.97	1BBSTFAN 189.5	?
Group 400 08:10:22	1AI1540 428.6	1BM1P10 2752.2	1FD3C03 2.88	1D0298 720	1JSTT34 243	1JSTT39 112.7	1JSPD46A 2.99	1BBSTFAN 189.1	?
Group 400 08:10:42	1AI1540 428.7	1BM1P10 2754.5	1FD3C03 2.68	1D0298 720	1JSTT34 243	1JSTT39 112.7	1JSPD46A 3.02	1BBSTFAN 189.5	?
Group 400 08:11:03	1AI1540 429.7	1BM1P10 2756.2	1FD3C03 2.45	1D0298 720	1JSTT34 243	1JSTT39 112.6	1JSPD46A 3.01	1BBSTFAN 191.0	?
Group 400 08:11:23	1AI1540 430.2	1BM1P10 2757.3	1FD3C03 2.50	1D0298 721	1JSTT34 243	1JSTT39 112.7	1JSPD46A 2.99	1BBSTFAN 189.1	?
Group 400 08:11:43	1AI1540 430.3	1BM1P10 2759.6	1FD3C03 2.46	1D0298 721	1JSTT34 243	1JSTT39 112.7	1JSPD46A 2.99	1BBSTFAN 189.2	?
Group 400 08:12:03	1AI1540 429.8	1BM1P10 2757.8	1FD3C03 2.56	1D0298 721	1JSTT34 243	1JSTT39 112.7	1JSPD46A 3.00	1BBSTFAN 188.7	?
Group 400 08:12:23	1AI1540 428.9	1BM1P10 2756.5	1FD3C03 2.80	1D0298 721	1JSTT34 243	1JSTT39 112.8	1JSPD46A 2.99	1BBSTFAN 189.4	?
Group 400 08:12:43	1AI1540 428.6	1BM1P10 2755.0	1FD3C03 2.90	1D0298 720	1JSTT34 243	1JSTT39 112.8	1JSPD46A 2.98	1BBSTFAN 190.8	?
Group 400 08:13:03	1AI1540 428.9	1BM1P10 2755.8	1FD3C03 2.94	1D0298 720	1JSTT34 243	1JSTT39 112.8	1JSPD46A 2.97	1BBSTFAN 188.1	?
Group 400 08:13:22	1AI1540 429.7	1BM1P10 2755.8	1FD3C03 2.59	1D0298 720	1JSTT34 243	1JSTT39 112.8	1JSPD46A 2.96	1BBSTFAN 187.8	?
Group 400 08:13:42	1AI1540 430.7	1BM1P10 2759.4	1FD3C03 2.30	1D0298 720	1JSTT34 243	1JSTT39 112.9	1JSPD46A 2.96	1BBSTFAN 189.5	?
Group 400 08:14:03	1AI1540 431.4	1BM1P10 2760.4	1FD3C03 2.13	1D0298 720	1JSTT34 243	1JSTT39 112.9	1JSPD46A 2.99	1BBSTFAN 189.4	?
Group 400 08:14:22	1AI1540 431.6	1BM1P10 2759.9	1FD3C03 2.33	1D0298 720	1JSTT34 243	1JSTT39 112.9	1JSPD46A 3.00	1BBSTFAN 189.4	?
Group 400 08:14:42	1AI1540 432.2	1BM1P10 2765.3	1FD3C03 2.32	1D0298 720	1JSTT34 243	1JSTT39 112.9	1JSPD46A 3.02	1BBSTFAN 188.8	?
Group 400 08:15:02	1AI1540 431.6	1BM1P10 2762.9	1FD3C03 2.34	1D0298 720	1JSTT34 243	1JSTT39 112.9	1JSPD46A 3.05	1BBSTFAN 189.4	?
Group 400 08:15:22	1AI1540 431.1	1BM1P10 2766.9	1FD3C03 2.49	1D0298 720	1JSTT34 243	1JSTT39 112.9	1JSPD46A 3.04	1BBSTFAN 189.7	?
Group 400 08:15:42	1AI1540 431.6	1BM1P10 2767.4	1FD3C03 2.45	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.05	1BBSTFAN 189.2	?
Group 400 08:16:03	1AI1540 431.1	1BM1P10 2764.2	1FD3C03 2.40	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.05	1BBSTFAN 188.4	?
Group 400 08:16:22	1AI1540 430.7	1BM1P10 2762.2	1FD3C03 2.49	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.05	1BBSTFAN 189.9	?
Group 400 08:16:42	1AI1540 430.3	1BM1P10 2761.6	1FD3C03 2.42	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.06	1BBSTFAN 189.9	?
Group 400 08:17:03	1AI1540 430.6	1BM1P10 2758.7	1FD3C03 2.44	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.04	1BBSTFAN 188.3	?
Group 400 08:17:22	1AI1540 430.7	1BM1P10 2756.1	1FD3C03 2.26	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.05	1BBSTFAN 189.1	?
Group 400 08:17:42	1AI1540 430.3	1BM1P10 2762.1	1FD3C03 2.12	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.07	1BBSTFAN 188.9	?
Group 400 08:18:02	1AI1540 430.6	1BM1P10 2764.6	1FD3C03 2.06	1D0298 720	1JSTT34 243	1JSTT39 113.0	1JSPD46A 3.05	1BBSTFAN 189.7	?
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

Run 2

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:19:03	430.0	2769.5	2.25	720	243	113.0	3.08	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:19:23	430.0	2769.5	2.40	720	243	113.1	3.06	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:19:43	429.7	2765.4	2.50	720	243	113.1	3.05	189.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:20:03	429.5	2764.5	2.46	719	243	113.1	3.05	189.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:20:23	429.2	2760.4	2.50	719	243	113.2	3.04	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:20:43	429.1	2758.8	2.57	719	243	113.2	3.03	188.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:21:03	429.7	2759.5	2.40	719	243	113.2	3.02	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:21:23	430.0	2762.1	2.11	719	243	113.2	3.04	189.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:21:43	430.5	2763.8	1.95	719	243	113.2	3.06	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:22:03	430.4	2764.0	2.09	719	243	113.2	3.04	188.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:22:23	430.4	2767.1	2.32	719	243	113.3	0.00	189.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:22:43	430.5	2767.5	2.36	719	243	113.3	0.00	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:23:03	430.0	2770.2	2.37	719	243	113.3	0.00	190.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:23:23	430.5	2768.5	2.37	719	243	113.3	0.00	188.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:23:43	430.7	2769.6	2.29	719	243	113.3	0.00	189.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:24:03	431.3	2767.1	2.19	719	243	113.3	3.02	188.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:24:23	431.4	2766.6	2.18	719	243	113.3	3.04	188.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:24:43	431.6	2768.3	2.00	719	243	113.3	3.02	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:25:03	430.7	2763.8	1.89	718	243	113.3	3.01	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:25:23	430.7	2765.2	2.24	718	243	113.3	3.03	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:25:43	430.0	2767.1	2.14	718	243	113.3	3.02	188.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:26:03	429.6	2767.4	2.02	718	243	113.3	3.02	189.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:26:23	429.3	2770.8	1.83	718	243	113.3	2.98	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:26:43	428.9	2771.4	1.64	718	243	113.3	2.94	188.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:27:03	429.1	2770.6	1.46	718	243	113.3	2.90	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:27:23	427.7	2764.9	1.83	718	244	113.3	2.87	188.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:27:43	427.6	2762.3	2.28	718	244	113.3	2.90	188.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

08:28:43	428.8	2759.6	1.86	719	244	113.3	2.92	188.5	
Group 400 08:29:03	1AI1540 429.2	1BM1P10 2756.8	1FD3C03 1.82	1D0298 719	1JSTT34 244	1JSTT39 113.3	1JSPD46A 2.93	1BBSTFAN 188.6	?
Group 400 08:29:23	1AI1540 430.5	1BM1P10 2761.8	1FD3C03 1.93	1D0298 720	1JSTT34 244	1JSTT39 113.4	1JSPD46A 2.91	1BBSTFAN 188.2	?
Group 400 08:29:43	1AI1540 430.8	1BM1P10 2762.7	1FD3C03 2.04	1D0298 720	1JSTT34 244	1JSTT39 113.4	1JSPD46A 2.91	1BBSTFAN 187.9	?
Group 400 08:30:03	1AI1540 431.3	1BM1P10 2764.1	1FD3C03 2.17	1D0298 721	1JSTT34 244	1JSTT39 113.4	1JSPD46A 2.92	1BBSTFAN 187.6	?
Group 400 08:30:23	1AI1540 430.9	1BM1P10 2764.7	1FD3C03 2.22	1D0298 721	1JSTT34 244	1JSTT39 113.4	1JSPD46A 2.92	1BBSTFAN 188.1	?
Group 400 08:30:43	1AI1540 430.5	1BM1P10 2765.5	1FD3C03 2.10	1D0298 721	1JSTT34 244	1JSTT39 113.5	1JSPD46A 2.92	1BBSTFAN 188.2	?
Group 400 08:31:03	1AI1540 429.7	1BM1P10 2763.0	1FD3C03 2.29	1D0298 721	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.93	1BBSTFAN 188.0	?
Group 400 08:31:22	1AI1540 429.6	1BM1P10 2763.7	1FD3C03 2.34	1D0298 721	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.92	1BBSTFAN 189.1	?
Group 400 08:31:42	1AI1540 429.3	1BM1P10 2763.0	1FD3C03 2.39	1D0298 721	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.92	1BBSTFAN 187.3	?
Group 400 08:32:03	1AI1540 430.0	1BM1P10 2762.4	1FD3C03 2.38	1D0298 721	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.91	1BBSTFAN 186.6	?
Group 400 08:32:23	1AI1540 429.8	1BM1P10 2757.5	1FD3C03 2.36	1D0298 722	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.91	1BBSTFAN 189.2	?
Group 400 08:32:43	1AI1540 430.3	1BM1P10 2761.9	1FD3C03 2.48	1D0298 722	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.92	1BBSTFAN 187.8	?
Group 400 08:33:03	1AI1540 431.0	1BM1P10 2762.1	1FD3C03 2.35	1D0298 722	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.92	1BBSTFAN 187.9	?
Group 400 08:33:23	1AI1540 431.8	1BM1P10 2764.7	1FD3C03 2.26	1D0298 722	1JSTT34 245	1JSTT39 113.5	1JSPD46A 2.89	1BBSTFAN 188.3	?
Group 400 08:33:43	1AI1540 431.3	1BM1P10 2763.8	1FD3C03 2.38	1D0298 722	1JSTT34 246	1JSTT39 113.6	1JSPD46A 2.90	1BBSTFAN 188.3	?
Group 400 08:34:03	1AI1540 430.6	1BM1P10 2765.1	1FD3C03 2.48	1D0298 722	1JSTT34 246	1JSTT39 113.6	1JSPD46A 2.89	1BBSTFAN 188.3	?
Group 400 08:34:23	1AI1540 429.0	1BM1P10 2759.4	1FD3C03 2.61	1D0298 722	1JSTT34 246	1JSTT39 113.6	1JSPD46A 2.89	1BBSTFAN 188.4	?
Group 400 08:34:43	1AI1540 428.4	1BM1P10 2761.0	1FD3C03 2.68	1D0298 721	1JSTT34 246	1JSTT39 113.7	1JSPD46A 2.89	1BBSTFAN 186.8	?
Group 400 08:35:03	1AI1540 427.5	1BM1P10 2757.2	1FD3C03 2.53	1D0298 721	1JSTT34 246	1JSTT39 113.7	1JSPD46A 2.90	1BBSTFAN 187.5	?
Group 400 08:35:23	1AI1540 427.5	1BM1P10 2757.9	1FD3C03 2.41	1D0298 721	1JSTT34 246	1JSTT39 113.8	1JSPD46A 2.91	1BBSTFAN 187.2	?
Group 400 08:35:43	1AI1540 428.2	1BM1P10 2757.6	1FD3C03 2.24	1D0298 721	1JSTT34 246	1JSTT39 113.8	1JSPD46A 2.89	1BBSTFAN 187.5	?
Group 400 08:36:03	1AI1540 428.3	1BM1P10 2759.1	1FD3C03 2.08	1D0298 721	1JSTT34 246	1JSTT39 113.8	1JSPD46A 2.89	1BBSTFAN 187.6	?
Group 400 08:36:23	1AI1540 428.7	1BM1P10 2757.8	1FD3C03 2.25	1D0298 721	1JSTT34 246	1JSTT39 113.9	1JSPD46A 2.90	1BBSTFAN 187.7	?
Group 400 08:36:43	1AI1540 430.2	1BM1P10 2763.4	1FD3C03 2.25	1D0298 722	1JSTT34 247	1JSTT39 113.9	1JSPD46A 2.90	1BBSTFAN 188.1	?
Group 400 08:37:03	1AI1540 430.8	1BM1P10 2764.4	1FD3C03 2.20	1D0298 722	1JSTT34 247	1JSTT39 114.0	1JSPD46A 2.88	1BBSTFAN 186.7	?
Group 400 08:37:23	1AI1540 432.1	1BM1P10 2768.7	1FD3C03 2.32	1D0298 722	1JSTT34 247	1JSTT39 114.0	1JSPD46A 2.89	1BBSTFAN 188.1	?
Group 400 08:37:43	1AI1540 431.9	1BM1P10 2767.6	1FD3C03 2.33	1D0298 722	1JSTT34 247	1JSTT39 114.1	1JSPD46A 2.90	1BBSTFAN 187.3	?

08:38:23	429.2	2763.4	2.64	722	247	114.1	2.89	187.4	
Group 400 08:38:43	1AI1540 428.5	1BM1P10 2763.6	1FD3C03 2.71	1D0298 722	1JSTT34 247	1JSTT39 114.2	1JSPD46A 2.88	1BBSTFAN 188.7	?
Group 400 08:39:03	1AI1540 428.4	1BM1P10 2761.3	1FD3C03 2.57	1D0298 722	1JSTT34 248	1JSTT39 114.2	1JSPD46A 2.90	1BBSTFAN 186.4	?
Group 400 08:39:23	1AI1540 428.7	1BM1P10 2759.2	1FD3C03 2.53	1D0298 721	1JSTT34 248	1JSTT39 114.2	1JSPD46A 2.89	1BBSTFAN 187.4	?
Group 400 08:39:43	1AI1540 428.8	1BM1P10 2761.1	1FD3C03 2.36	1D0298 721	1JSTT34 248	1JSTT39 114.1	1JSPD46A 2.90	1BBSTFAN 188.2	?
Group 400 08:40:03	1AI1540 429.1	1BM1P10 2760.5	1FD3C03 2.34	1D0298 721	1JSTT34 248	1JSTT39 114.1	1JSPD46A 2.87	1BBSTFAN 187.4	?
Group 400 08:40:23	1AI1540 429.6	1BM1P10 2760.5	1FD3C03 2.31	1D0298 722	1JSTT34 248	1JSTT39 114.1	1JSPD46A 2.87	1BBSTFAN 187.3	?
Group 400 08:40:43	1AI1540 429.8	1BM1P10 2760.6	1FD3C03 2.41	1D0298 722	1JSTT34 248	1JSTT39 114.1	1JSPD46A 2.87	1BBSTFAN 187.9	?
Group 400 08:41:03	1AI1540 430.6	1BM1P10 2764.4	1FD3C03 2.26	1D0298 722	1JSTT34 248	1JSTT39 114.1	1JSPD46A 2.85	1BBSTFAN 188.1	?
Group 400 08:41:23	1AI1540 430.1	1BM1P10 2759.2	1FD3C03 2.30	1D0298 722	1JSTT34 248	1JSTT39 114.2	1JSPD46A 2.86	1BBSTFAN 187.1	?
Group 400 08:41:43	1AI1540 429.8	1BM1P10 2762.2	1FD3C03 2.38	1D0298 722	1JSTT34 249	1JSTT39 114.2	1JSPD46A 2.87	1BBSTFAN 187.9	?
Group 400 08:42:03	1AI1540 429.1	1BM1P10 2761.4	1FD3C03 2.42	1D0298 722	1JSTT34 249	1JSTT39 114.3	1JSPD46A 2.89	1BBSTFAN 187.8	?
Group 400 08:42:23	1AI1540 428.3	1BM1P10 2760.4	1FD3C03 2.58	1D0298 722	1JSTT34 249	1JSTT39 114.3	1JSPD46A 0.00	1BBSTFAN 187.4	?
Group 400 08:42:43	1AI1540 428.7	1BM1P10 2760.1	1FD3C03 2.63	1D0298 722	1JSTT34 249	1JSTT39 114.3	1JSPD46A 0.00	1BBSTFAN 186.9	?
Group 400 08:43:03	1AI1540 429.0	1BM1P10 2758.6	1FD3C03 2.56	1D0298 722	1JSTT34 249	1JSTT39 114.4	1JSPD46A 0.00	1BBSTFAN 187.1	?
Group 400 08:43:23	1AI1540 430.4	1BM1P10 2763.7	1FD3C03 2.35	1D0298 722	1JSTT34 249	1JSTT39 114.4	1JSPD46A 0.00	1BBSTFAN 189.0	?
Group 400 08:43:43	1AI1540 431.6	1BM1P10 2765.1	1FD3C03 2.00	1D0298 722	1JSTT34 249	1JSTT39 114.4	1JSPD46A 0.00	1BBSTFAN 188.0	?
Group 400 08:44:03	1AI1540 432.6	1BM1P10 2770.1	1FD3C03 1.99	1D0298 722	1JSTT34 249	1JSTT39 114.5	1JSPD46A 2.86	1BBSTFAN 187.7	?
Group 400 08:44:23	1AI1540 432.5	1BM1P10 2768.9	1FD3C03 2.27	1D0298 722	1JSTT34 249	1JSTT39 114.5	1JSPD46A 2.85	1BBSTFAN 187.8	?
Group 400 08:44:43	1AI1540 431.9	1BM1P10 2770.9	1FD3C03 2.56	1D0298 722	1JSTT34 249	1JSTT39 114.5	1JSPD46A 2.85	1BBSTFAN 187.0	?
Group 400 08:45:03	1AI1540 431.0	1BM1P10 2767.7	1FD3C03 2.70	1D0298 722	1JSTT34 250	1JSTT39 114.5	1JSPD46A 2.85	1BBSTFAN 187.2	?
Group 400 08:45:23	1AI1540 429.0	1BM1P10 2766.8	1FD3C03 2.77	1D0298 722	1JSTT34 250	1JSTT39 114.5	1JSPD46A 2.83	1BBSTFAN 186.1	?
Group 400 08:45:43	1AI1540 428.5	1BM1P10 2762.6	1FD3C03 2.82	1D0298 722	1JSTT34 250	1JSTT39 114.6	1JSPD46A 2.84	1BBSTFAN 187.6	?
Group 400 08:46:03	1AI1540 428.1	1BM1P10 2759.1	1FD3C03 2.69	1D0298 721	1JSTT34 250	1JSTT39 114.5	1JSPD46A 2.84	1BBSTFAN 188.0	?
Group 400 08:46:22	1AI1540 428.3	1BM1P10 2759.6	1FD3C03 2.54	1D0298 721	1JSTT34 250	1JSTT39 114.5	1JSPD46A 2.85	1BBSTFAN 188.6	?
Group 400 08:46:42	1AI1540 429.4	1BM1P10 2760.9	1FD3C03 2.27	1D0298 721	1JSTT34 250	1JSTT39 114.6	1JSPD46A 2.79	1BBSTFAN 188.0	?
Group 400 08:47:02	1AI1540 430.7	1BM1P10 2765.3	1FD3C03 1.87	1D0298 721	1JSTT34 250	1JSTT39 114.6	1JSPD46A 2.76	1BBSTFAN 187.9	?
Group 400 08:47:22	1AI1540 431.4	1BM1P10 2763.1	1FD3C03 1.86	1D0298 722	1JSTT34 251	1JSTT39 114.5	1JSPD46A 2.75	1BBSTFAN 187.8	?
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	[illegible]	[illegible]	[illegible]	[illegible]	

Group 400 08:48:23	1AI1540 430.8	1BM1P10 2768.2	1FD3C03 2.41	1D0298 722	1JSTT34 251	1JSTT39 114.5	1JSPD46A 2.79	1BBSTFAN 187.3	?
Group 400 08:48:42	1AI1540 431.1	1BM1P10 2766.5	1FD3C03 2.40	1D0298 722	1JSTT34 251	1JSTT39 114.6	1JSPD46A 2.80	1BBSTFAN 186.6	?
Group 400 08:49:02	1AI1540 429.6	1BM1P10 2766.0	1FD3C03 2.56	1D0298 722	1JSTT34 251	1JSTT39 114.7	1JSPD46A 2.82	1BBSTFAN 188.6	?
Group 400 08:49:23	1AI1540 430.2	1BM1P10 2761.5	1FD3C03 2.62	1D0298 722	1JSTT34 251	1JSTT39 114.7	1JSPD46A 2.82	1BBSTFAN 187.9	?
Group 400 08:49:42	1AI1540 429.5	1BM1P10 2761.8	1FD3C03 2.61	1D0298 722	1JSTT34 251	1JSTT39 114.7	1JSPD46A 2.81	1BBSTFAN 187.1	?
Group 400 08:50:02	1AI1540 430.3	1BM1P10 2761.8	1FD3C03 2.50	1D0298 722	1JSTT34 251	1JSTT39 114.8	1JSPD46A 2.81	1BBSTFAN 186.3	?
Group 400 08:50:22	1AI1540 430.7	1BM1P10 2761.5	1FD3C03 2.16	1D0298 722	1JSTT34 251	1JSTT39 114.8	1JSPD46A 2.82	1BBSTFAN 186.7	?
Group 400 08:50:43	1AI1540 430.2	1BM1P10 2760.7	1FD3C03 2.07	1D0298 722	1JSTT34 251	1JSTT39 114.8	1JSPD46A 2.82	1BBSTFAN 187.1	?
Group 400 08:51:03	1AI1540 429.7	1BM1P10 2764.4	1FD3C03 2.23	1D0298 722	1JSTT34 251	1JSTT39 115.0	1JSPD46A 2.80	1BBSTFAN 188.3	?
Group 400 08:51:23	1AI1540 429.9	1BM1P10 2767.5	1FD3C03 2.21	1D0298 722	1JSTT34 251	1JSTT39 115.0	1JSPD46A 2.81	1BBSTFAN 187.7	?
Group 400 08:51:43	1AI1540 429.7	1BM1P10 2767.8	1FD3C03 2.13	1D0298 722	1JSTT34 251	1JSTT39 115.0	1JSPD46A 2.81	1BBSTFAN 187.8	?
Group 400 08:52:03	1AI1540 429.4	1BM1P10 2767.3	1FD3C03 2.32	1D0298 722	1JSTT34 252	1JSTT39 115.0	1JSPD46A 2.82	1BBSTFAN 188.3	?
Group 400 08:52:23	1AI1540 429.6	1BM1P10 2768.0	1FD3C03 2.37	1D0298 722	1JSTT34 252	1JSTT39 115.1	1JSPD46A 2.82	1BBSTFAN 188.2	?
Group 400 08:52:43	1AI1540 429.5	1BM1P10 2767.7	1FD3C03 2.45	1D0298 722	1JSTT34 252	1JSTT39 115.1	1JSPD46A 2.80	1BBSTFAN 186.9	?
Group 400 08:53:03	1AI1540 430.2	1BM1P10 2770.5	1FD3C03 2.40	1D0298 722	1JSTT34 252	1JSTT39 115.1	1JSPD46A 2.81	1BBSTFAN 186.7	?
Group 400 08:53:23	1AI1540 430.6	1BM1P10 2768.1	1FD3C03 2.30	1D0298 722	1JSTT34 252	1JSTT39 115.2	1JSPD46A 2.83	1BBSTFAN 188.6	?
Group 400 08:53:43	1AI1540 431.4	1BM1P10 2762.6	1FD3C03 2.37	1D0298 722	1JSTT34 252	1JSTT39 115.2	1JSPD46A 2.82	1BBSTFAN 187.8	?
Group 400 08:54:03	1AI1540 430.6	1BM1P10 2761.9	1FD3C03 2.37	1D0298 722	1JSTT34 252	1JSTT39 115.2	1JSPD46A 2.79	1BBSTFAN 187.7	?
Group 400 08:54:23	1AI1540 430.4	1BM1P10 2760.0	1FD3C03 2.37	1D0298 721	1JSTT34 252	1JSTT39 115.2	1JSPD46A 2.80	1BBSTFAN 187.5	?
Group 400 08:54:43	1AI1540 429.8	1BM1P10 2763.5	1FD3C03 2.11	1D0298 721	1JSTT34 252	1JSTT39 115.3	1JSPD46A 2.78	1BBSTFAN 188.4	?
Group 400 08:55:03	1AI1540 429.7	1BM1P10 2763.5	1FD3C03 2.09	1D0298 721	1JSTT34 252	1JSTT39 115.3	1JSPD46A 2.80	1BBSTFAN 187.0	?
Group 400 08:55:23	1AI1540 428.7	1BM1P10 2763.2	1FD3C03 2.26	1D0298 721	1JSTT34 252	1JSTT39 115.3	1JSPD46A 2.79	1BBSTFAN 187.2	?
Group 400 08:55:43	1AI1540 428.4	1BM1P10 2764.6	1FD3C03 2.35	1D0298 721	1JSTT34 252	1JSTT39 115.3	1JSPD46A 2.80	1BBSTFAN 186.6	?
Group 400 08:56:03	1AI1540 427.9	1BM1P10 2763.9	1FD3C03 2.34	1D0298 721	1JSTT34 252	1JSTT39 115.2	1JSPD46A 2.79	1BBSTFAN 187.4	?
Group 400 08:56:23	1AI1540 428.1	1BM1P10 2764.7	1FD3C03 2.35	1D0298 721	1JSTT34 253	1JSTT39 115.2	1JSPD46A 2.80	1BBSTFAN 188.1	?
Group 400 08:56:43	1AI1540 427.7	1BM1P10 2759.0	1FD3C03 2.36	1D0298 721	1JSTT34 253	1JSTT39 115.2	1JSPD46A 2.80	1BBSTFAN 188.4	?
Group 400 08:57:03	1AI1540 428.4	1BM1P10 2758.8	1FD3C03 2.40	1D0298 721	1JSTT34 253	1JSTT39 115.2	1JSPD46A 2.78	1BBSTFAN 186.9	?
Group 400 08:57:23	1AI1540 428.7	1BM1P10 2758.0	1FD3C03 2.29	1D0298 722	1JSTT34 253	1JSTT39 115.1	1JSPD46A 2.79	1BBSTFAN 188.1	?

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:58:03	431.4	2760.5	2.10	722	253	115.0	2.80	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:58:23	431.9	2762.7	2.18	722	253	115.0	2.80	187.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:58:43	432.2	2764.5	2.11	722	253	115.0	2.78	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:59:03	431.3	2767.2	2.32	722	253	115.0	2.78	187.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:59:23	430.7	2765.0	2.45	722	253	115.0	2.77	186.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
08:59:43	430.0	2769.5	2.53	722	253	115.0	2.76	187.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:00:03	429.9	2766.6	2.40	722	253	115.0	2.79	187.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:00:23	429.1	2767.7	2.45	722	253	115.0	2.79	187.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:00:43	429.0	2763.5	2.38	722	253	115.0	2.79	187.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:01:03	428.8	2762.0	2.43	722	253	115.0	2.79	187.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:01:22	429.6	2761.0	2.40	722	254	115.0	2.78	188.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:01:43	429.9	2760.2	2.28	722	254	115.0	2.77	187.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:02:03	431.0	2762.5	2.27	722	254	115.0	2.77	187.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:02:23	431.7	2761.9	2.13	722	254	115.0	0.00	187.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:02:43	431.6	2766.2	2.27	722	254	115.1	0.00	187.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:03:03	431.6	2765.0	2.31	722	254	115.1	0.00	187.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:03:23	430.4	2766.8	2.43	722	254	115.2	0.00	188.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:03:43	429.5	2761.9	2.48	722	254	115.2	0.00	187.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:04:03	428.4	2759.8	2.68	722	254	115.2	2.75	187.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:04:23	428.7	2759.2	2.66	722	254	115.2	2.75	187.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:04:43	429.2	2760.7	2.20	722	254	115.2	2.74	187.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:05:03	430.9	2765.7	1.99	722	254	115.2	2.74	187.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:05:23	432.2	2766.8	1.91	722	255	115.1	2.73	187.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:05:43	432.6	2767.0	2.02	723	255	115.1	2.72	187.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:06:03	431.7	2765.6	2.36	723	255	115.1	2.72	187.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:06:23	430.8	2766.4	2.47	723	255	115.1	2.70	188.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:06:43	430.1	2763.5	2.53	723	255	115.1	2.68	187.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:07:03	428.7	2762.1	2.60	722	255	115.1	2.66	187.0	

Group 400 09:08:03	1AI1540 428.3	1BM1P10 2757.1	1FD3C03 2.30	1D0298 722	1JSTT34 255	1JSTT39 115.1	1JSPD46A 2.69	1BBSTFAN 186.1	?
Group 400 09:08:22	1AI1540 428.5	1BM1P10 2758.4	1FD3C03 2.34	1D0298 722	1JSTT34 255	1JSTT39 115.1	1JSPD46A 2.70	1BBSTFAN 187.2	?
Group 400 09:08:43	1AI1540 429.7	1BM1P10 2762.1	1FD3C03 2.22	1D0298 722	1JSTT34 256	1JSTT39 115.1	1JSPD46A 2.71	1BBSTFAN 186.8	?
Group 400 09:09:03	1AI1540 429.8	1BM1P10 2763.2	1FD3C03 2.21	1D0298 722	1JSTT34 256	1JSTT39 115.1	1JSPD46A 2.73	1BBSTFAN 189.1	?
Group 400 09:09:23	1AI1540 430.4	1BM1P10 2763.7	1FD3C03 2.39	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.73	1BBSTFAN 188.5	?
Group 400 09:09:43	1AI1540 429.7	1BM1P10 2762.0	1FD3C03 2.52	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.73	1BBSTFAN 186.9	?
Group 400 09:10:03	1AI1540 429.3	1BM1P10 2757.4	1FD3C03 2.59	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.72	1BBSTFAN 186.9	?
Group 400 09:10:23	1AI1540 428.7	1BM1P10 2760.6	1FD3C03 2.62	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.74	1BBSTFAN 186.1	?
Group 400 09:10:43	1AI1540 428.9	1BM1P10 2758.1	1FD3C03 2.54	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.73	1BBSTFAN 188.1	?
Group 400 09:11:03	1AI1540 428.4	1BM1P10 2759.8	1FD3C03 2.52	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.73	1BBSTFAN 186.3	?
Group 400 09:11:23	1AI1540 429.7	1BM1P10 2760.4	1FD3C03 2.27	1D0298 722	1JSTT34 256	1JSTT39 115.2	1JSPD46A 2.73	1BBSTFAN 187.5	?
Group 400 09:11:43	1AI1540 430.2	1BM1P10 2765.9	1FD3C03 1.95	1D0298 722	1JSTT34 256	1JSTT39 115.3	1JSPD46A 2.73	1BBSTFAN 186.8	?
Group 400 09:12:03	1AI1540 430.8	1BM1P10 2765.9	1FD3C03 1.96	1D0298 723	1JSTT34 257	1JSTT39 115.3	1JSPD46A 2.72	1BBSTFAN 186.3	?
Group 400 09:12:23	1AI1540 431.2	1BM1P10 2767.9	1FD3C03 2.19	1D0298 723	1JSTT34 257	1JSTT39 115.3	1JSPD46A 2.72	1BBSTFAN 187.1	?
Group 400 09:12:43	1AI1540 430.9	1BM1P10 2766.7	1FD3C03 2.49	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.72	1BBSTFAN 187.0	?
Group 400 09:13:03	1AI1540 430.8	1BM1P10 2765.5	1FD3C03 2.56	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.72	1BBSTFAN 186.8	?
Group 400 09:13:23	1AI1540 430.3	1BM1P10 2763.2	1FD3C03 2.63	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.72	1BBSTFAN 186.8	?
Group 400 09:13:43	1AI1540 430.3	1BM1P10 2760.5	1FD3C03 2.62	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.71	1BBSTFAN 186.5	?
Group 400 09:14:03	1AI1540 429.5	1BM1P10 2759.0	1FD3C03 2.64	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.73	1BBSTFAN 186.8	?
Group 400 09:14:23	1AI1540 429.4	1BM1P10 2756.6	1FD3C03 2.63	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.71	1BBSTFAN 187.0	?
Group 400 09:14:43	1AI1540 429.6	1BM1P10 2755.9	1FD3C03 2.53	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.71	1BBSTFAN 186.4	?
Group 400 09:15:03	1AI1540 430.5	1BM1P10 2759.1	1FD3C03 2.43	1D0298 723	1JSTT34 257	1JSTT39 115.4	1JSPD46A 2.68	1BBSTFAN 187.3	?
Group 400 09:15:23	1AI1540 430.9	1BM1P10 2761.7	1FD3C03 2.20	1D0298 723	1JSTT34 257	1JSTT39 115.5	1JSPD46A 2.69	1BBSTFAN 186.0	?
Group 400 09:15:43	1AI1540 429.9	1BM1P10 2761.6	1FD3C03 2.33	1D0298 723	1JSTT34 258	1JSTT39 115.5	1JSPD46A 2.70	1BBSTFAN 186.2	?
Group 400 09:16:03	1AI1540 429.5	1BM1P10 2760.1	1FD3C03 2.57	1D0298 723	1JSTT34 258	1JSTT39 115.5	1JSPD46A 2.70	1BBSTFAN 186.7	?
Group 400 09:16:23	1AI1540 429.1	1BM1P10 2761.8	1FD3C03 2.62	1D0298 723	1JSTT34 258	1JSTT39 115.5	1JSPD46A 2.71	1BBSTFAN 186.4	?
Group 400 09:16:42	1AI1540 427.7	1BM1P10 2756.9	1FD3C03 2.62	1D0298 723	1JSTT34 258	1JSTT39 115.5	1JSPD46A 2.71	1BBSTFAN 186.3	?
Group 400 09:17:03	1AI1540 [illegible]	1BM1P10 [illegible]	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

Group 400 09:17:22	1AI1540 427.9	1BM1P10 2756.8	1FD3C03 2.52	[illegible] 722	[illegible] 258	[illegible]	115.5	2.70	[illegible]
Group 400 09:17:42	1AI1540 428.4	1BM1P10 2758.4	1FD3C03 2.43	1D0298 722	1JSTT34 258	1JSTT39 115.6	1JSPD46A 2.70	1BBSTFAN 186.5	7
Group 400 09:18:02	1AI1540 430.2	1BM1P10 2760.9	1FD3C03 2.34	1D0298 722	1JSTT34 258	1JSTT39 115.5	1JSPD46A 2.70	1BBSTFAN 185.6	7
Group 400 09:18:22	1AI1540 431.1	1BM1P10 2758.7	1FD3C03 2.38	1D0298 723	1JSTT34 258	1JSTT39 115.6	1JSPD46A 2.69	1BBSTFAN 186.7	7
Group 400 09:18:42	1AI1540 432.5	1BM1P10 2764.4	1FD3C03 2.45	1D0298 723	1JSTT34 258	1JSTT39 115.6	1JSPD46A 2.69	1BBSTFAN 185.1	7
Group 400 09:19:02	1AI1540 433.0	1BM1P10 2763.0	1FD3C03 2.41	1D0298 723	1JSTT34 258	1JSTT39 115.6	1JSPD46A 2.69	1BBSTFAN 186.0	7
Group 400 09:19:22	1AI1540 432.4	1BM1P10 2766.3	1FD3C03 2.47	1D0298 723	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.69	1BBSTFAN 186.4	7
Group 400 09:19:43	1AI1540 432.3	1BM1P10 2761.8	1FD3C03 2.46	1D0298 723	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.70	1BBSTFAN 187.2	7
Group 400 09:20:03	1AI1540 431.0	1BM1P10 2757.8	1FD3C03 2.72	1D0298 723	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.69	1BBSTFAN 186.5	7
Group 400 09:20:22	1AI1540 430.6	1BM1P10 2761.9	1FD3C03 2.73	1D0298 723	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.70	1BBSTFAN 186.5	7
Group 400 09:20:42	1AI1540 429.0	1BM1P10 2756.1	1FD3C03 2.84	1D0298 722	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.69	1BBSTFAN 187.3	7
Group 400 09:21:02	1AI1540 430.1	1BM1P10 2762.4	1FD3C03 2.67	1D0298 722	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.68	1BBSTFAN 186.5	7
Group 400 09:21:23	1AI1540 430.0	1BM1P10 2755.8	1FD3C03 2.51	1D0298 722	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.67	1BBSTFAN 186.6	7
Group 400 09:21:42	1AI1540 429.8	1BM1P10 2756.5	1FD3C03 2.55	1D0298 722	1JSTT34 259	1JSTT39 115.7	1JSPD46A 2.67	1BBSTFAN 188.1	7
Group 400 09:22:02	1AI1540 429.9	1BM1P10 2755.4	1FD3C03 2.52	1D0298 722	1JSTT34 259	1JSTT39 115.5	1JSPD46A 2.66	1BBSTFAN 187.5	7
Group 400 09:22:22	1AI1540 429.9	1BM1P10 2752.6	1FD3C03 2.48	1D0298 722	1JSTT34 259	1JSTT39 115.0	1JSPD46A 0.00	1BBSTFAN 186.8	7
Group 400 09:22:42	1AI1540 429.6	1BM1P10 2755.6	1FD3C03 2.38	1D0298 722	1JSTT34 259	1JSTT39 114.6	1JSPD46A 0.00	1BBSTFAN 187.2	7
Group 400 09:23:02	1AI1540 428.8	1BM1P10 2755.4	1FD3C03 2.50	1D0298 722	1JSTT34 259	1JSTT39 114.1	1JSPD46A 0.00	1BBSTFAN 187.2	7
Group 400 09:23:22	1AI1540 428.6	1BM1P10 2755.9	1FD3C03 2.55	1D0298 722	1JSTT34 259	1JSTT39 113.6	1JSPD46A 0.00	1BBSTFAN 186.1	7
Group 400 09:23:43	1AI1540 428.3	1BM1P10 2756.9	1FD3C03 2.52	1D0298 722	1JSTT34 259	1JSTT39 113.8	1JSPD46A 0.00	1BBSTFAN 187.2	7
Group 400 09:24:03	1AI1540 428.9	1BM1P10 2758.4	1FD3C03 2.46	1D0298 722	1JSTT34 259	1JSTT39 114.3	1JSPD46A 2.64	1BBSTFAN 185.8	7
Group 400 09:24:23	1AI1540 429.9	1BM1P10 2758.7	1FD3C03 2.36	1D0298 722	1JSTT34 259	1JSTT39 114.6	1JSPD46A 2.65	1BBSTFAN 186.6	7
Group 400 09:24:43	1AI1540 431.1	1BM1P10 2759.9	1FD3C03 2.38	1D0298 722	1JSTT34 259	1JSTT39 114.8	1JSPD46A 2.64	1BBSTFAN 187.1	7
Group 400 09:25:03	1AI1540 432.4	1BM1P10 2763.3	1FD3C03 2.34	1D0298 722	1JSTT34 259	1JSTT39 115.0	1JSPD46A 2.64	1BBSTFAN 186.2	7
Group 400 09:25:23	1AI1540 433.0	1BM1P10 2761.0	1FD3C03 2.27	1D0298 722	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.64	1BBSTFAN 186.5	7
Group 400 09:25:43	1AI1540 433.5	1BM1P10 2763.5	1FD3C03 2.38	1D0298 722	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.63	1BBSTFAN 186.7	7
Group 400 09:26:03	1AI1540 433.5	1BM1P10 2762.3	1FD3C03 2.39	1D0298 722	1JSTT34 259	1JSTT39 115.3	1JSPD46A 2.63	1BBSTFAN 186.5	7
Group 400 09:26:23	1AI1540 432.3	1BM1P10 2764.8	1FD3C03 2.52	1D0298 722	1JSTT34 259	1JSTT39 115.4	1JSPD46A 2.63	1BBSTFAN 186.9	7

09:27:23	428.8	2759.3	2.58	722	259	115.4	2.53	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:27:43	428.8	2757.2	2.63	721	258	115.4	2.46	187.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:28:03	428.3	2756.8	2.49	721	258	115.4	2.39	186.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:28:23	427.4	2753.9	2.42	721	258	115.4	2.34	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:28:43	427.3	2752.8	2.35	721	258	115.4	2.29	187.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:29:03	428.9	2756.1	2.38	721	258	115.3	2.25	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:29:23	428.8	2754.8	2.24	721	258	115.3	2.21	188.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:29:43	429.3	2761.5	1.81	721	258	115.3	2.19	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:30:03	429.1	2763.4	1.90	721	258	115.3	2.11	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:30:23	430.0	2768.4	1.75	722	258	115.3	2.09	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:30:43	429.2	2767.9	1.84	722	258	115.3	2.08	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:31:03	428.1	2763.0	2.39	722	258	115.3	2.12	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:31:23	426.3	2760.6	2.65	722	258	115.3	2.18	187.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:31:43	425.6	2756.7	2.82	721	258	115.3	2.21	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:32:03	425.0	2754.9	2.70	721	258	115.3	2.18	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:32:23	424.9	2752.0	2.63	721	258	115.2	2.27	186.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:32:43	425.2	2755.9	2.50	721	258	115.2	2.36	186.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:33:03	422.2	2756.9	2.37	721	258	115.2	2.40	186.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:33:23	424.5	2760.6	2.13	721	258	115.2	2.43	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:33:43	424.6	2765.0	2.03	722	258	115.2	2.43	186.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:34:03	426.9	2764.1	2.12	722	258	115.2	2.44	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:34:23	425.9	2767.8	2.22	722	258	115.2	2.45	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:34:43	427.7	2767.7	2.21	722	258	115.2	2.45	187.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:35:03	428.6	2769.2	2.01	722	258	115.2	2.44	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:35:23	428.9	2767.0	2.13	722	259	115.2	2.44	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:35:43	429.6	2766.2	2.21	722	259	115.2	2.45	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:36:03	429.8	2768.8	2.21	722	259	115.2	2.43	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
09:36:23	430.2	2766.0	2.12	723	259	115.2	2.40	186.1	

	[illegible]	2760.4	2.32	723	[illegible] 259	[illegible] 115.2	1JSPD46A 2.27	1BBSTFAN 185.9	?
Group 400 09:37:23	1AI1540 429.3	1BM1P10 2761.4	1FD3C03 2.44	1D0298 723	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.24	1BBSTFAN 185.0	?
Group 400 09:37:43	1AI1540 430.0	1BM1P10 2758.5	1FD3C03 2.24	1D0298 723	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.21	1BBSTFAN 185.6	?
Group 400 09:38:03	1AI1540 429.0	1BM1P10 2760.5	1FD3C03 2.39	1D0298 723	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.28	1BBSTFAN 185.8	?
Group 400 09:38:23	1AI1540 428.1	1BM1P10 2758.3	1FD3C03 2.46	1D0298 723	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.36	1BBSTFAN 185.9	?
Group 400 09:38:43	1AI1540 426.2	1BM1P10 2760.8	1FD3C03 2.48	1D0298 723	1JSTT34 259	1JSTT39 115.2	1JSPD46A 2.40	1BBSTFAN 185.3	?
Group 400 09:39:03	1AI1540 426.6	1BM1P10 2760.8	1FD3C03 2.47	1D0298 724	1JSTT34 260	1JSTT39 115.2	1JSPD46A 2.42	1BBSTFAN 185.8	?
Group 400 09:39:23	1AI1540 427.9	1BM1P10 2757.1	1FD3C03 2.53	1D0298 724	1JSTT34 260	1JSTT39 115.2	1JSPD46A 2.43	1BBSTFAN 185.5	?
Group 400 09:39:43	1AI1540 429.7	1BM1P10 2765.1	1FD3C03 2.45	1D0298 724	1JSTT34 260	1JSTT39 115.2	1JSPD46A 2.44	1BBSTFAN 187.0	?
Group 400 09:40:03	1AI1540 430.2	1BM1P10 2762.5	1FD3C03 2.38	1D0298 724	1JSTT34 260	1JSTT39 115.2	1JSPD46A 2.45	1BBSTFAN 184.3	?
Group 400 09:40:23	1AI1540 429.9	1BM1P10 2764.2	1FD3C03 2.67	1D0298 724	1JSTT34 260	1JSTT39 115.2	1JSPD46A 2.45	1BBSTFAN 185.4	?
Group 400 09:40:43	1AI1540 430.1	1BM1P10 2763.1	1FD3C03 2.68	1D0298 724	1JSTT34 260	1JSTT39 115.2	1JSPD46A 2.44	1BBSTFAN 184.6	?
Group 400 09:41:03	1AI1540 430.1	1BM1P10 2767.3	1FD3C03 2.59	1D0298 724	1JSTT34 260	1JSTT39 115.3	1JSPD46A 2.43	1BBSTFAN 185.1	?
Group 400 09:41:23	1AI1540 429.3	1BM1P10 2763.9	1FD3C03 2.59	1D0298 724	1JSTT34 260	1JSTT39 115.3	1JSPD46A 2.36	1BBSTFAN 185.9	?
Group 400 09:41:43	1AI1540 429.1	1BM1P10 2762.6	1FD3C03 2.68	1D0298 724	1JSTT34 260	1JSTT39 115.3	1JSPD46A 2.32	1BBSTFAN 185.6	?
Group 400 09:42:03	1AI1540 429.7	1BM1P10 2761.9	1FD3C03 2.77	1D0298 724	1JSTT34 260	1JSTT39 115.4	1JSPD46A 2.25	1BBSTFAN 185.4	?
Group 400 09:42:23	1AI1540 428.7	1BM1P10 2764.4	1FD3C03 2.54	1D0298 724	1JSTT34 260	1JSTT39 115.4	1JSPD46A 0.00	1BBSTFAN 186.0	?
Group 400 09:42:43	1AI1540 430.4	1BM1P10 2762.8	1FD3C03 2.51	1D0298 724	1JSTT34 260	1JSTT39 115.4	1JSPD46A 0.00	1BBSTFAN 186.8	?
Group 400 09:43:03	1AI1540 430.1	1BM1P10 2766.2	1FD3C03 2.49	1D0298 724	1JSTT34 260	1JSTT39 115.5	1JSPD46A 0.00	1BBSTFAN 185.4	?
Group 400 09:43:23	1AI1540 429.2	1BM1P10 2771.0	1FD3C03 2.36	1D0298 724	1JSTT34 260	1JSTT39 115.5	1JSPD46A 0.00	1BBSTFAN 184.9	?
Group 400 09:43:43	1AI1540 430.0	1BM1P10 2768.6	1FD3C03 2.29	1D0298 724	1JSTT34 260	1JSTT39 115.5	1JSPD46A 0.00	1BBSTFAN 185.4	?
Group 400 09:44:03	1AI1540 430.2	1BM1P10 2769.4	1FD3C03 2.48	1D0298 724	1JSTT34 261	1JSTT39 115.6	1JSPD46A 2.33	1BBSTFAN 185.6	?
Group 400 09:44:23	1AI1540 429.5	1BM1P10 2768.0	1FD3C03 2.71	1D0298 724	1JSTT34 261	1JSTT39 115.7	1JSPD46A 2.17	1BBSTFAN 185.7	?
Group 400 09:44:43	1AI1540 429.6	1BM1P10 2763.6	1FD3C03 2.73	1D0298 724	1JSTT34 261	1JSTT39 115.7	1JSPD46A 2.05	1BBSTFAN 185.7	?
Group 400 09:45:03	1AI1540 429.1	1BM1P10 2760.2	1FD3C03 2.73	1D0298 723	1JSTT34 261	1JSTT39 115.7	1JSPD46A 2.13	1BBSTFAN 185.5	?
Group 400 09:45:23	1AI1540 428.3	1BM1P10 2759.1	1FD3C03 2.67	1D0298 723	1JSTT34 261	1JSTT39 115.7	1JSPD46A 2.14	1BBSTFAN 186.0	?
Group 400 09:45:43	1AI1540 428.1	1BM1P10 2761.2	1FD3C03 2.46	1D0298 723	1JSTT34 261	1JSTT39 115.8	1JSPD46A 2.16	1BBSTFAN 184.6	?
Group 400 09:46:03	1AI1540 428.7	1BM1P10 2762.1	1FD3C03 2.34	1D0298 723	1JSTT34 261	1JSTT39 115.8	1JSPD46A 2.28	1BBSTFAN 184.7	?
Group 400	1AI1540	1BM1P10	[illegible]						

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:47:03	429.8	2774.5	2.23	725	261	115.9	2.31	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:47:23	432.0	2776.1	2.33	725	261	115.9	2.32	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:47:43	432.4	2777.2	2.49	725	261	116.0	2.37	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:48:03	432.2	2776.9	2.60	725	261	116.0	2.38	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:48:23	432.6	2769.9	2.74	725	261	116.0	2.38	186.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:48:43	432.6	2770.7	2.73	725	261	116.0	2.38	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:49:03	431.8	2765.5	2.73	724	261	116.1	2.37	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:49:23	431.2	2768.3	2.63	724	261	116.1	2.36	186.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:49:43	431.5	2765.9	2.37	724	261	116.1	2.37	186.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:50:03	431.1	2768.5	2.21	724	261	116.1	2.38	186.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:50:23	431.4	2770.3	2.08	724	261	116.1	2.38	186.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:50:43	431.3	2775.8	2.10	724	261	116.1	2.38	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:51:03	431.3	2773.3	2.21	724	261	116.2	2.39	185.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:51:23	430.4	2771.2	2.44	724	261	116.2	2.42	186.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:51:43	429.9	2767.2	2.58	724	261	116.2	2.42	186.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:52:03	429.6	2764.8	2.61	724	261	115.7	2.43	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:52:23	430.0	2763.3	2.53	724	261	115.4	2.44	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:52:43	431.0	2765.3	1.80	724	261	115.2	2.43	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:53:03	432.3	2770.9	1.65	724	261	114.7	2.43	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:53:23	434.1	2773.8	1.62	724	261	114.0	2.44	186.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:53:43	433.5	2774.2	1.74	725	261	113.8	2.45	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:54:03	432.8	2772.0	2.19	725	261	114.2	2.45	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:54:23	431.2	2765.3	2.60	725	261	114.6	2.45	185.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:54:43	430.2	2763.4	2.86	725	261	114.9	2.44	185.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:55:03	429.8	2757.6	2.84	724	261	115.1	2.43	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:55:23	429.5	2756.5	2.64	724	261	115.2	2.43	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:55:43	429.7	2755.9	2.46	724	261	115.2	2.43	186.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:56:03	430.5	2760.3	2.18	724	261	115.2	2.41	185.6	

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:56:43	430.9	2768.2	1.81	725	261	115.2	2.42	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:57:03	431.0	2770.7	2.06	725	261	115.2	2.41	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:57:23	431.5	2773.3	2.23	725	261	115.2	2.41	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:57:43	430.9	2772.0	2.45	725	261	115.1	2.41	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:58:03	429.9	2765.4	2.61	725	260	115.1	2.41	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:58:23	430.3	2764.1	2.69	725	260	115.0	2.41	186.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:58:43	430.7	2764.4	2.53	725	260	115.0	2.42	185.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:59:03	430.8	2763.0	2.33	724	260	114.9	2.42	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:59:23	430.4	2761.0	2.31	724	260	114.9	2.42	185.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
09:59:43	430.3	2763.0	2.20	724	260	114.8	2.43	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:00:03	430.0	2766.3	2.14	725	260	114.8	2.43	186.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:00:23	429.9	2766.0	2.22	725	260	114.8	2.43	185.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:00:43	429.1	2764.5	2.40	725	260	114.8	2.44	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:01:03	429.4	2768.0	2.46	725	260	114.8	2.44	185.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:01:23	429.5	2765.5	2.14	724	260	114.8	2.45	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:01:43	429.0	2766.5	2.12	724	260	114.8	2.45	187.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:02:03	429.7	2764.6	2.02	724	260	114.9	2.45	185.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:02:23	429.8	2765.2	1.86	724	260	114.9	0.00	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:02:43	429.7	2764.1	2.21	724	260	114.9	0.00	186.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:03:03	430.0	2759.8	2.45	724	260	114.9	0.00	185.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:03:23	429.9	2758.3	2.45	725	260	114.9	0.00	186.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:03:43	430.0	2761.7	2.13	725	260	114.9	0.00	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:04:03	430.1	2761.8	1.91	725	260	114.9	2.35	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:04:23	429.8	2763.8	2.03	725	260	114.9	2.34	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:04:43	429.4	2763.3	2.28	726	260	114.9	2.34	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:05:03	430.1	2766.8	2.37	726	260	114.8	2.34	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:05:23	428.8	2760.3	2.49	726	260	114.8	2.33	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:05:43	428.9	2760.2	2.70	726	261	114.8	2.32	185.8	

10:06:23	429.3	2757.8	2.47	725	261	[illegible]	[illegible]	[illegible]	[illegible]
Group 400 10:06:43	1AI1540 429.8	1BM1P10 2760.0	1FD3C03 2.21	1D0298 725	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.30	1BBSTFAN 185.5	?
Group 400 10:07:03	1AI1540 430.4	1BM1P10 2759.2	1FD3C03 1.87	1D0298 726	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.32	1BBSTFAN 186.2	?
Group 400 10:07:23	1AI1540 430.8	1BM1P10 2765.5	1FD3C03 2.03	1D0298 726	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.32	1BBSTFAN 186.4	?
Group 400 10:07:43	1AI1540 431.2	1BM1P10 2767.0	1FD3C03 2.04	1D0298 726	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.34	1BBSTFAN 185.2	?
Group 400 10:08:03	1AI1540 430.2	1BM1P10 2761.3	1FD3C03 2.42	1D0298 727	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.32	1BBSTFAN 185.2	?
Group 400 10:08:23	1AI1540 430.3	1BM1P10 2765.5	1FD3C03 2.59	1D0298 727	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.33	1BBSTFAN 184.9	?
Group 400 10:08:43	1AI1540 430.2	1BM1P10 2762.5	1FD3C03 2.48	1D0298 727	1JSTT34 261	1JSTT39 114.8	1JSPD46A 2.33	1BBSTFAN 185.7	?
Group 400 10:09:03	1AI1540 430.4	1BM1P10 2762.2	1FD3C03 2.60	1D0298 727	1JSTT34 261	1JSTT39 114.9	1JSPD46A 2.34	1BBSTFAN 185.2	?
Group 400 10:09:23	1AI1540 431.0	1BM1P10 2761.0	1FD3C03 2.43	1D0298 727	1JSTT34 261	1JSTT39 114.9	1JSPD46A 2.33	1BBSTFAN 186.1	?
Group 400 10:09:43	1AI1540 431.1	1BM1P10 2760.6	1FD3C03 2.36	1D0298 727	1JSTT34 261	1JSTT39 114.9	1JSPD46A 2.31	1BBSTFAN 184.9	?
Group 400 10:10:03	1AI1540 431.3	1BM1P10 2757.2	1FD3C03 2.33	1D0298 727	1JSTT34 261	1JSTT39 115.0	1JSPD46A 2.31	1BBSTFAN 184.8	?
Group 400 10:10:23	1AI1540 430.2	1BM1P10 2758.9	1FD3C03 2.42	1D0298 727	1JSTT34 261	1JSTT39 115.0	1JSPD46A 2.31	1BBSTFAN 185.0	?
Group 400 10:10:43	1AI1540 430.9	1BM1P10 2762.6	1FD3C03 2.34	1D0298 727	1JSTT34 261	1JSTT39 115.0	1JSPD46A 2.31	1BBSTFAN 185.9	?
Group 400 10:11:03	1AI1540 429.9	1BM1P10 2759.5	1FD3C03 2.27	1D0298 727	1JSTT34 261	1JSTT39 115.1	1JSPD46A 2.31	1BBSTFAN 185.6	?
Group 400 10:11:23	1AI1540 428.2	1BM1P10 2758.9	1FD3C03 2.38	1D0298 726	1JSTT34 261	1JSTT39 115.1	1JSPD46A 2.32	1BBSTFAN 185.5	?
Group 400 10:11:43	1AI1540 428.1	1BM1P10 2756.7	1FD3C03 2.59	1D0298 726	1JSTT34 261	1JSTT39 115.1	1JSPD46A 2.33	1BBSTFAN 185.7	?
Group 400 10:12:03	1AI1540 427.5	1BM1P10 2756.6	1FD3C03 2.67	1D0298 726	1JSTT34 261	1JSTT39 115.1	1JSPD46A 2.36	1BBSTFAN 184.8	?
Group 400 10:12:23	1AI1540 428.5	1BM1P10 2757.3	1FD3C03 2.59	1D0298 726	1JSTT34 261	1JSTT39 115.1	1JSPD46A 2.37	1BBSTFAN 184.8	?
Group 400 10:12:43	1AI1540 428.1	1BM1P10 2754.5	1FD3C03 2.40	1D0298 726	1JSTT34 261	1JSTT39 115.1	1JSPD46A 2.36	1BBSTFAN 184.8	?
Group 400 10:13:03	1AI1540 428.5	1BM1P10 2755.6	1FD3C03 2.26	1D0298 726	1JSTT34 261	1JSTT39 115.2	1JSPD46A 2.33	1BBSTFAN 186.7	?
Group 400 10:13:23	1AI1540 430.1	1BM1P10 2760.9	1FD3C03 2.09	1D0298 727	1JSTT34 261	1JSTT39 115.2	1JSPD46A 2.32	1BBSTFAN 184.1	?
Group 400 10:13:43	1AI1540 431.4	1BM1P10 2762.3	1FD3C03 2.02	1D0298 727	1JSTT34 261	1JSTT39 115.2	1JSPD46A 2.32	1BBSTFAN 186.8	?
Group 400 10:14:03	1AI1540 432.3	1BM1P10 2766.6	1FD3C03 2.19	1D0298 728	1JSTT34 261	1JSTT39 115.2	1JSPD46A 2.32	1BBSTFAN 184.4	?
Group 400 10:14:23	1AI1540 432.8	1BM1P10 2765.9	1FD3C03 2.40	1D0298 728	1JSTT34 261	1JSTT39 115.2	1JSPD46A 2.31	1BBSTFAN 184.2	?
Group 400 10:14:43	1AI1540 431.3	1BM1P10 2761.2	1FD3C03 2.74	1D0298 728	1JSTT34 262	1JSTT39 115.2	1JSPD46A 2.31	1BBSTFAN 186.4	?
Group 400 10:15:03	1AI1540 429.9	1BM1P10 2757.7	1FD3C03 3.01	1D0298 728	1JSTT34 262	1JSTT39 115.2	1JSPD46A 2.31	1BBSTFAN 185.3	?
Group 400 10:15:23	1AI1540 429.1	1BM1P10 2754.3	1FD3C03 2.95	1D0298 727	1JSTT34 262	1JSTT39 115.2	1JSPD46A 2.31	1BBSTFAN 187.0	?
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:16:23	429.5	2756.3	2.37	727	262	115.2	2.29	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:16:43	429.4	2754.7	2.33	727	262	115.2	2.30	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:17:03	429.6	2758.4	2.41	727	262	115.2	2.31	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:17:23	430.6	2760.2	2.41	727	262	115.2	2.34	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:17:43	430.0	2760.3	2.37	728	262	115.3	2.37	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:18:03	430.7	2760.1	2.56	728	262	115.3	2.37	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:18:23	430.4	2759.0	2.53	728	262	115.4	2.38	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:18:43	430.7	2756.8	2.59	728	262	115.4	2.38	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:19:03	431.4	2757.5	2.52	728	262	115.5	2.38	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:19:23	431.1	2753.8	2.64	728	262	115.5	2.39	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:19:43	431.6	2756.9	2.73	727	262	115.6	2.39	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:20:03	431.6	2754.7	2.60	727	262	115.6	2.41	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:20:23	430.8	2756.9	2.65	727	262	115.7	2.41	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:20:43	430.8	2756.1	2.53	727	262	115.7	2.41	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:21:03	429.7	2756.3	2.58	727	262	115.7	2.39	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:21:23	429.0	2754.0	2.77	727	262	115.7	2.38	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:21:43	428.7	2754.4	2.85	727	261	115.7	2.38	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:22:03	428.6	2754.8	2.74	727	261	115.7	2.39	185.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:22:23	429.3	2755.6	2.52	727	261	115.7	0.00	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:22:43	430.6	2759.3	2.18	727	261	115.7	0.00	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:23:03	431.1	2758.2	2.23	727	261	115.7	0.00	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:23:23	431.4	2760.8	2.45	727	261	115.7	0.00	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:23:43	431.0	2759.5	2.54	727	261	115.7	0.00	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:24:03	430.5	2759.0	2.64	727	261	115.7	2.36	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:24:23	429.9	2757.4	2.71	726	261	115.7	2.38	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:24:43	429.2	2756.0	2.59	726	261	115.6	2.37	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:25:03	429.0	2756.2	2.51	726	261	115.6	2.39	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
[illegible]	428.8	2752.8	2.48	726	261	115.6	2.37	185.7	

10:26:03	430.4	2756.3	2.09	726	260	115.5	2.37	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:26:23	431.2	2760.2	1.97	726	260	115.5	2.35	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:26:43	431.1	2760.7	1.74	726	260	115.5	2.33	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:27:03	431.5	2762.2	1.98	726	260	115.5	2.31	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:27:23	430.2	2761.1	2.14	726	260	115.5	2.31	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:27:43	429.8	2761.8	2.38	726	260	115.5	2.32	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:28:03	430.2	2761.3	2.45	726	260	115.5	2.34	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:28:23	430.6	2760.7	2.31	726	260	115.4	2.34	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:28:43	430.2	2756.8	2.35	726	260	115.4	2.35	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:29:03	430.5	2758.3	2.29	726	259	115.4	2.35	185.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:29:23	430.3	2754.9	2.22	726	259	115.5	2.35	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:29:43	430.3	2756.4	2.27	726	259	115.5	2.36	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:30:03	431.3	2757.6	2.14	726	259	115.5	2.35	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:30:23	430.9	2758.8	2.08	726	259	115.5	2.32	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:30:43	430.9	2757.9	2.13	727	259	115.5	2.33	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:31:03	430.4	2761.7	2.23	727	259	115.5	2.34	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:31:23	430.1	2758.6	2.27	727	259	115.5	2.34	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:31:43	429.8	2760.3	2.36	726	259	115.5	2.33	186.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:32:03	429.4	2756.3	2.44	726	259	115.5	2.33	185.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:32:23	428.8	2755.4	2.46	726	258	115.5	2.32	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:32:43	428.4	2752.5	2.43	726	258	115.5	2.34	186.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:33:03	428.2	2752.2	2.29	726	258	115.5	2.34	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:33:23	428.5	2752.9	2.12	726	258	115.5	2.34	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:33:43	430.1	2757.3	2.11	726	258	115.5	2.33	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:34:03	430.5	2758.7	2.14	726	258	115.5	2.33	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:34:23	430.4	2759.8	2.26	727	258	115.5	2.34	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:34:43	430.3	2765.2	2.42	727	258	115.6	2.34	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
10:35:03	429.6	2758.5	2.55	726	258	115.6	2.34	185.9	

10:35:43	428.8	2756.3	2.73	726	258	115.7	2.35	185.7	
Group 400 10:36:03	1AI1540 428.5	1BM1P10 2756.9	1FD3C03 2.41	1D0298 726	1JSTT34 258	1JSTT39 115.8	1JSPD46A 2.35	1BBSTFAN 185.6	7
Group 400 10:36:23	1AI1540 428.3	1BM1P10 2753.4	1FD3C03 2.39	1D0298 725	1JSTT34 258	1JSTT39 115.8	1JSPD46A 2.34	1BBSTFAN 185.5	7
Group 400 10:36:43	1AI1540 428.8	1BM1P10 2758.7	1FD3C03 2.33	1D0298 725	1JSTT34 258	1JSTT39 115.9	1JSPD46A 2.33	1BBSTFAN 185.3	7
Group 400 10:37:03	1AI1540 428.5	1BM1P10 2758.6	1FD3C03 2.04	1D0298 725	1JSTT34 258	1JSTT39 116.0	1JSPD46A 2.33	1BBSTFAN 185.2	7
Group 400 10:37:23	1AI1540 428.6	1BM1P10 2760.0	1FD3C03 2.24	1D0298 725	1JSTT34 258	1JSTT39 116.0	1JSPD46A 2.31	1BBSTFAN 184.6	7
Group 400 10:37:43	1AI1540 428.7	1BM1P10 2763.5	1FD3C03 2.36	1D0298 726	1JSTT34 258	1JSTT39 116.1	1JSPD46A 2.29	1BBSTFAN 186.0	7
Group 400 10:38:03	1AI1540 429.1	1BM1P10 2763.4	1FD3C03 2.44	1D0298 726	1JSTT34 258	1JSTT39 116.1	1JSPD46A 2.30	1BBSTFAN 185.5	7
Group 400 10:38:23	1AI1540 429.3	1BM1P10 2761.7	1FD3C03 2.38	1D0298 726	1JSTT34 258	1JSTT39 116.2	1JSPD46A 2.32	1BBSTFAN 185.0	7
Group 400 10:38:43	1AI1540 429.1	1BM1P10 2762.5	1FD3C03 2.41	1D0298 726	1JSTT34 258	1JSTT39 116.2	1JSPD46A 2.31	1BBSTFAN 184.4	7
Group 400 10:39:03	1AI1540 429.8	1BM1P10 2765.3	1FD3C03 2.37	1D0298 726	1JSTT34 258	1JSTT39 116.3	1JSPD46A 2.31	1BBSTFAN 183.5	7
Group 400 10:39:23	1AI1540 430.2	1BM1P10 2763.0	1FD3C03 2.28	1D0298 726	1JSTT34 257	1JSTT39 116.4	1JSPD46A 2.31	1BBSTFAN 185.0	7
Group 400 10:39:43	1AI1540 430.3	1BM1P10 2761.0	1FD3C03 2.45	1D0298 725	1JSTT34 257	1JSTT39 116.4	1JSPD46A 2.32	1BBSTFAN 184.1	7
Group 400 10:40:03	1AI1540 430.9	1BM1P10 2761.6	1FD3C03 2.35	1D0298 725	1JSTT34 257	1JSTT39 116.5	1JSPD46A 2.32	1BBSTFAN 185.1	7
Group 400 10:40:23	1AI1540 430.8	1BM1P10 2760.0	1FD3C03 2.19	1D0298 725	1JSTT34 257	1JSTT39 116.6	1JSPD46A 2.32	1BBSTFAN 185.4	7
Group 400 10:40:43	1AI1540 429.8	1BM1P10 2759.9	1FD3C03 2.18	1D0298 725	1JSTT34 257	1JSTT39 116.6	1JSPD46A 2.33	1BBSTFAN 185.6	7
Group 400 10:41:03	1AI1540 429.1	1BM1P10 2756.7	1FD3C03 2.39	1D0298 725	1JSTT34 257	1JSTT39 116.7	1JSPD46A 2.32	1BBSTFAN 185.7	7
Group 400 10:41:23	1AI1540 428.6	1BM1P10 2759.5	1FD3C03 2.34	1D0298 726	1JSTT34 257	1JSTT39 116.7	1JSPD46A 2.33	1BBSTFAN 184.3	7
Group 400 10:41:43	1AI1540 428.2	1BM1P10 2758.8	1FD3C03 2.29	1D0298 726	1JSTT34 257	1JSTT39 116.8	1JSPD46A 2.33	1BBSTFAN 184.4	7
Group 400 10:42:03	1AI1540 427.9	1BM1P10 2756.5	1FD3C03 2.32	1D0298 726	1JSTT34 258	1JSTT39 116.8	1JSPD46A 2.32	1BBSTFAN 185.4	7
Group 400 10:42:23	1AI1540 428.1	1BM1P10 2756.4	1FD3C03 2.40	1D0298 726	1JSTT34 258	1JSTT39 116.8	1JSPD46A 0.00	1BBSTFAN 185.2	7
Group 400 10:42:43	1AI1540 427.9	1BM1P10 2758.0	1FD3C03 2.50	1D0298 726	1JSTT34 258	1JSTT39 116.8	1JSPD46A 0.00	1BBSTFAN 185.1	7
Group 400 10:43:03	1AI1540 428.1	1BM1P10 2759.1	1FD3C03 2.40	1D0298 726	1JSTT34 258	1JSTT39 116.9	1JSPD46A 0.00	1BBSTFAN 185.0	7
Group 400 10:43:23	1AI1540 429.5	1BM1P10 2756.3	1FD3C03 2.34	1D0298 727	1JSTT34 258	1JSTT39 116.9	1JSPD46A 0.00	1BBSTFAN 184.7	7
Group 400 10:43:43	1AI1540 430.1	1BM1P10 2760.1	1FD3C03 2.26	1D0298 727	1JSTT34 258	1JSTT39 117.0	1JSPD46A 0.00	1BBSTFAN 185.5	7
Group 400 10:44:03	1AI1540 430.6	1BM1P10 2760.5	1FD3C03 2.07	1D0298 727	1JSTT34 258	1JSTT39 117.0	1JSPD46A 2.27	1BBSTFAN 185.0	7
Group 400 10:44:23	1AI1540 429.9	1BM1P10 2757.4	1FD3C03 2.15	1D0298 728	1JSTT34 258	1JSTT39 117.0	1JSPD46A 2.26	1BBSTFAN 185.4	7
Group 400 10:44:43	1AI1540 430.1	1BM1P10 2760.8	1FD3C03 2.39	1D0298 728	1JSTT34 258	1JSTT39 117.0	1JSPD46A 2.26	1BBSTFAN 184.7	7
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7

Group 400 10:45:43	1AI1540 429.7	1BM1P10 2757.5	1FD3C03 2.57	1D0298 728	1JSTT34 258	1JSTT39 117.0	1JSPD46A 2.26	1BBSTFAN 184.1	?
Group 400 10:46:03	1AI1540 429.9	1BM1P10 2758.9	1FD3C03 2.21	1D0298 728	1JSTT34 258	1JSTT39 117.0	1JSPD46A 2.26	1BBSTFAN 185.1	?
Group 400 10:46:23	1AI1540 429.3	1BM1P10 2756.5	1FD3C03 2.29	1D0298 728	1JSTT34 258	1JSTT39 117.0	1JSPD46A 2.25	1BBSTFAN 183.9	?
Group 400 10:46:43	1AI1540 429.7	1BM1P10 2759.0	1FD3C03 2.36	1D0298 729	1JSTT34 258	1JSTT39 116.9	1JSPD46A 2.21	1BBSTFAN 184.1	?
Group 400 10:47:03	1AI1540 429.0	1BM1P10 2756.4	1FD3C03 2.34	1D0298 729	1JSTT34 258	1JSTT39 116.9	1JSPD46A 2.20	1BBSTFAN 184.9	?
Group 400 10:47:23	1AI1540 429.4	1BM1P10 2755.7	1FD3C03 2.48	1D0298 729	1JSTT34 258	1JSTT39 116.8	1JSPD46A 2.20	1BBSTFAN 184.5	?
Group 400 10:47:43	1AI1540 429.7	1BM1P10 2755.2	1FD3C03 2.47	1D0298 729	1JSTT34 258	1JSTT39 116.8	1JSPD46A 2.22	1BBSTFAN 183.4	?
Group 400 10:48:03	1AI1540 429.7	1BM1P10 2753.0	1FD3C03 2.38	1D0298 729	1JSTT34 258	1JSTT39 116.7	1JSPD46A 2.24	1BBSTFAN 184.3	?
Group 400 10:48:23	1AI1540 430.5	1BM1P10 2756.6	1FD3C03 2.35	1D0298 730	1JSTT34 258	1JSTT39 116.6	1JSPD46A 2.25	1BBSTFAN 183.8	?
Group 400 10:48:43	1AI1540 431.3	1BM1P10 2756.4	1FD3C03 2.35	1D0298 730	1JSTT34 258	1JSTT39 116.6	1JSPD46A 2.25	1BBSTFAN 185.8	?
Group 400 10:49:03	1AI1540 431.4	1BM1P10 2756.9	1FD3C03 2.41	1D0298 730	1JSTT34 258	1JSTT39 116.5	1JSPD46A 2.26	1BBSTFAN 183.4	?
Group 400 10:49:23	1AI1540 430.9	1BM1P10 2754.2	1FD3C03 2.54	1D0298 730	1JSTT34 258	1JSTT39 116.4	1JSPD46A 2.27	1BBSTFAN 184.3	?
Group 400 10:49:43	1AI1540 431.4	1BM1P10 2757.1	1FD3C03 2.54	1D0298 730	1JSTT34 258	1JSTT39 116.4	1JSPD46A 2.25	1BBSTFAN 184.9	?
Group 400 10:50:03	1AI1540 432.2	1BM1P10 2758.7	1FD3C03 2.51	1D0298 730	1JSTT34 258	1JSTT39 116.3	1JSPD46A 2.25	1BBSTFAN 183.8	?
Group 400 10:50:23	1AI1540 431.9	1BM1P10 2754.0	1FD3C03 2.47	1D0298 730	1JSTT34 258	1JSTT39 116.3	1JSPD46A 2.26	1BBSTFAN 185.2	?
Group 400 10:50:43	1AI1540 431.2	1BM1P10 2754.0	1FD3C03 2.66	1D0298 730	1JSTT34 258	1JSTT39 116.2	1JSPD46A 2.25	1BBSTFAN 184.6	?
Group 400 10:51:03	1AI1540 430.9	1BM1P10 2751.9	1FD3C03 2.90	1D0298 730	1JSTT34 258	1JSTT39 116.2	1JSPD46A 2.25	1BBSTFAN 184.6	?
Group 400 10:51:23	1AI1540 430.5	1BM1P10 2753.4	1FD3C03 2.82	1D0298 730	1JSTT34 258	1JSTT39 116.2	1JSPD46A 2.24	1BBSTFAN 184.1	?
Group 400 10:51:43	1AI1540 429.9	1BM1P10 2752.0	1FD3C03 2.75	1D0298 729	1JSTT34 258	1JSTT39 116.1	1JSPD46A 2.24	1BBSTFAN 184.2	?
Group 400 10:52:03	1AI1540 430.0	1BM1P10 2754.2	1FD3C03 2.67	1D0298 729	1JSTT34 258	1JSTT39 116.1	1JSPD46A 2.25	1BBSTFAN 184.9	?
Group 400 10:52:23	1AI1540 430.7	1BM1P10 2760.8	1FD3C03 2.22	1D0298 729	1JSTT34 258	1JSTT39 116.0	1JSPD46A 2.25	1BBSTFAN 184.1	?
Group 400 10:52:43	1AI1540 430.6	1BM1P10 2759.7	1FD3C03 2.08	1D0298 729	1JSTT34 258	1JSTT39 116.0	1JSPD46A 2.25	1BBSTFAN 184.8	?
Group 400 10:53:03	1AI1540 430.4	1BM1P10 2761.8	1FD3C03 2.36	1D0298 729	1JSTT34 258	1JSTT39 116.0	1JSPD46A 2.25	1BBSTFAN 184.8	?
Group 400 10:53:23	1AI1540 431.0	1BM1P10 2764.9	1FD3C03 2.38	1D0298 729	1JSTT34 258	1JSTT39 116.0	1JSPD46A 2.25	1BBSTFAN 184.2	?
Group 400 10:53:43	1AI1540 431.0	1BM1P10 2765.1	1FD3C03 2.13	1D0298 730	1JSTT34 257	1JSTT39 116.0	1JSPD46A 2.25	1BBSTFAN 183.6	?
Group 400 10:54:03	1AI1540 430.1	1BM1P10 2765.7	1FD3C03 2.42	1D0298 729	1JSTT34 257	1JSTT39 115.9	1JSPD46A 2.24	1BBSTFAN 185.2	?
Group 400 10:54:23	1AI1540 429.4	1BM1P10 2759.1	1FD3C03 2.62	1D0298 729	1JSTT34 257	1JSTT39 115.9	1JSPD46A 2.25	1BBSTFAN 184.7	?
Group 400 10:54:43	1AI1540 429.4	1BM1P10 2760.1	1FD3C03 2.77	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A [illegible]	1BBSTFAN [illegible]	?

Group 400 10:55:23	1AI1540 430.4	1BM1P10 2761.1	1FD3C03 2.01	1D0298 728	1JSTT34 257	1JSTT39 115.9	1JSPD46A 2.23	1BBSTFAN 184.9	7
Group 400 10:55:43	1AI1540 431.0	1BM1P10 2760.4	1FD3C03 1.98	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.24	1BBSTFAN 184.4	7
Group 400 10:56:03	1AI1540 431.2	1BM1P10 2761.9	1FD3C03 2.09	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.24	1BBSTFAN 185.4	7
Group 400 10:56:23	1AI1540 432.1	1BM1P10 2764.6	1FD3C03 2.03	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.24	1BBSTFAN 184.4	7
Group 400 10:56:43	1AI1540 431.3	1BM1P10 2760.9	1FD3C03 2.14	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.24	1BBSTFAN 184.1	7
Group 400 10:57:03	1AI1540 431.0	1BM1P10 2761.7	1FD3C03 2.44	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.23	1BBSTFAN 184.5	7
Group 400 10:57:23	1AI1540 430.5	1BM1P10 2757.9	1FD3C03 2.52	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.24	1BBSTFAN 183.9	7
Group 400 10:57:43	1AI1540 430.1	1BM1P10 2757.3	1FD3C03 2.48	1D0298 729	1JSTT34 257	1JSTT39 115.8	1JSPD46A 2.25	1BBSTFAN 184.7	7
Group 400 10:58:03	1AI1540 430.3	1BM1P10 2756.8	1FD3C03 2.65	1D0298 729	1JSTT34 256	1JSTT39 115.8	1JSPD46A 2.24	1BBSTFAN 185.7	7
Group 400 10:58:23	1AI1540 430.3	1BM1P10 2758.1	1FD3C03 2.63	1D0298 729	1JSTT34 256	1JSTT39 115.8	1JSPD46A 2.23	1BBSTFAN 184.7	7
Group 400 10:58:43	1AI1540 431.1	1BM1P10 2757.8	1FD3C03 2.48	1D0298 729	1JSTT34 256	1JSTT39 115.8	1JSPD46A 2.23	1BBSTFAN 184.5	7
Group 400 10:59:03	1AI1540 430.5	1BM1P10 2753.2	1FD3C03 2.43	1D0298 729	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.24	1BBSTFAN 184.9	7
Group 400 10:59:23	1AI1540 430.5	1BM1P10 2755.5	1FD3C03 2.56	1D0298 729	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.25	1BBSTFAN 185.4	7
Group 400 10:59:43	1AI1540 430.9	1BM1P10 2755.5	1FD3C03 2.61	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.26	1BBSTFAN 184.6	7
Group 400 11:00:03	1AI1540 430.7	1BM1P10 2757.1	1FD3C03 2.48	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.23	1BBSTFAN 184.9	7
Group 400 11:00:23	1AI1540 430.5	1BM1P10 2757.8	1FD3C03 2.54	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.20	1BBSTFAN 184.8	7
Group 400 11:00:43	1AI1540 431.2	1BM1P10 2760.7	1FD3C03 2.50	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.20	1BBSTFAN 184.8	7
Group 400 11:01:03	1AI1540 430.9	1BM1P10 2761.0	1FD3C03 2.45	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.19	1BBSTFAN 185.2	7
Group 400 11:01:23	1AI1540 429.6	1BM1P10 2757.9	1FD3C03 2.62	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.19	1BBSTFAN 185.5	7
Group 400 11:01:43	1AI1540 429.4	1BM1P10 2758.7	1FD3C03 2.87	1D0298 728	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.19	1BBSTFAN 184.6	7
Group 400 11:02:03	1AI1540 428.6	1BM1P10 2755.5	1FD3C03 2.85	1D0298 727	1JSTT34 256	1JSTT39 115.7	1JSPD46A 2.22	1BBSTFAN 184.7	7
Group 400 11:02:23	1AI1540 428.4	1BM1P10 2754.2	1FD3C03 2.72	1D0298 727	1JSTT34 256	1JSTT39 115.7	1JSPD46A 0.00	1BBSTFAN 186.1	7
Group 400 11:02:43	1AI1540 429.0	1BM1P10 2752.3	1FD3C03 2.60	1D0298 727	1JSTT34 256	1JSTT39 115.7	1JSPD46A 0.00	1BBSTFAN 184.6	7
Group 400 11:03:03	1AI1540 429.5	1BM1P10 2758.6	1FD3C03 2.35	1D0298 727	1JSTT34 256	1JSTT39 115.8	1JSPD46A 0.00	1BBSTFAN 184.6	7
Group 400 11:03:23	1AI1540 430.4	1BM1P10 2762.5	1FD3C03 2.08	1D0298 727	1JSTT34 256	1JSTT39 115.9	1JSPD46A 0.00	1BBSTFAN 186.2	7
Group 400 11:03:43	1AI1540 430.9	1BM1P10 2765.6	1FD3C03 2.06	1D0298 726	1JSTT34 256	1JSTT39 115.8	1JSPD46A 0.00	1BBSTFAN 184.9	7
Group 400 11:04:03	1AI1540 431.2	1BM1P10 2770.8	1FD3C03 2.18	1D0298 726	1JSTT34 256	1JSTT39 115.8	1JSPD46A 2.19	1BBSTFAN 185.5	7
Group 400 11:04:23	1AI1540 430.0	1BM1P10 2765.0	1FD3C03 2.41	1D0298 726	1JSTT34 256	1JSTT39 115.8	1JSPD46A 2.20	1BBSTFAN 184.6	7

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:05:23	428.8	2758.0	2.89	725	256	115.9	2.16	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:05:43	429.0	2756.9	2.72	725	256	116.0	2.14	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:06:03	429.1	2753.8	2.60	725	256	115.9	2.15	185.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:06:23	429.7	2753.9	2.49	725	256	116.0	2.14	186.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:06:43	430.0	2758.5	1.85	725	256	116.0	2.10	184.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:07:03	430.5	2762.4	1.88	725	256	116.0	2.09	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:07:23	430.3	2762.6	2.23	726	256	116.0	2.08	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:07:43	430.0	2765.9	2.35	726	256	116.0	2.11	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:08:03	429.5	2765.5	2.53	726	256	116.0	2.12	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:08:23	428.6	2763.5	2.67	725	256	116.1	2.12	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:08:43	428.5	2759.9	2.73	725	256	116.1	2.14	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:09:03	428.6	2754.8	2.73	725	256	116.1	2.17	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:09:23	428.3	2752.2	2.66	725	256	116.1	2.19	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:09:43	428.9	2752.2	2.56	724	256	116.1	2.17	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:10:03	429.6	2749.7	2.46	724	257	116.1	2.16	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:10:23	429.7	2754.2	2.50	725	257	116.1	2.15	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:10:43	430.5	2760.3	2.15	725	257	116.1	2.16	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:11:03	430.4	2760.1	2.17	725	257	116.1	2.17	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:11:23	429.5	2761.1	2.34	725	257	116.1	2.16	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:11:43	429.7	2765.2	2.40	725	257	116.1	2.17	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:12:03	428.3	2764.3	2.36	725	258	116.1	2.17	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:12:23	428.8	2761.6	2.51	725	258	116.1	2.16	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:12:43	428.7	2759.9	2.65	725	258	116.2	2.15	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:13:03	429.6	2761.6	2.45	725	258	116.2	2.15	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:13:23	429.7	2757.9	2.29	725	258	116.2	2.14	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:13:43	430.2	2758.9	2.40	725	258	116.2	2.16	185.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?
11:14:03	430.5	2757.3	2.46	725	259	116.2	2.17	185.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:15:03	430.2	2759.8	2.36	726	259	116.4	2.18	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:15:23	429.1	2760.5	2.44	726	259	116.4	2.15	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:15:43	428.9	2758.6	2.59	726	260	116.4	2.15	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:16:03	428.2	2759.6	2.61	726	260	116.5	2.14	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:16:23	427.7	2759.8	2.60	726	260	116.5	2.14	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:16:43	429.0	2762.1	2.15	726	260	116.5	2.13	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:17:03	429.7	2763.3	2.11	726	260	116.5	2.13	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:17:23	430.8	2763.3	2.09	726	260	116.5	2.13	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:17:43	431.3	2765.2	2.18	727	260	116.5	2.12	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:18:03	432.3	2766.3	2.33	727	260	116.4	2.12	185.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:18:23	432.3	2767.4	2.33	727	260	116.4	2.11	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:18:43	432.3	2764.7	2.33	727	260	116.5	2.12	183.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:19:03	431.2	2762.7	2.43	727	260	116.5	2.13	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:19:23	430.2	2759.3	2.48	727	260	116.6	2.15	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:19:43	429.5	2756.2	2.59	727	260	116.6	2.17	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:20:03	429.6	2759.1	2.46	727	260	116.7	2.18	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:20:23	429.0	2757.6	2.36	727	260	116.7	2.19	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:20:43	430.2	2759.6	2.32	727	260	116.8	2.19	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:21:03	430.0	2759.8	2.28	728	260	116.9	2.19	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:21:23	430.4	2761.3	2.27	728	260	116.9	2.19	185.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:21:43	431.4	2764.9	2.29	728	260	117.0	2.20	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:22:03	431.2	2762.2	2.45	728	260	117.0	2.20	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:22:23	430.4	2760.8	2.59	728	260	117.1	0.00	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:22:43	429.9	2758.1	2.71	728	260	117.2	0.00	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:23:03	429.4	2755.5	2.79	728	260	117.2	0.00	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:23:23	430.1	2756.5	2.71	728	260	117.3	0.00	184.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:23:43	430.3	2755.8	2.46	728	260	117.4	0.00	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:24:03	430.8	2758.4	2.33	728	260	117.5	2.10	183.4	

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:54:03	430.8	2758.4	2.82	726	260	116.1	2.15	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:54:23	430.6	2760.9	2.64	726	260	116.3	2.15	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:54:43	429.9	2762.5	2.40	726	260	116.5	2.14	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:55:03	429.3	2763.4	2.54	726	260	116.6	2.15	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:55:23	429.3	2764.0	2.66	726	260	116.8	2.15	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:55:43	429.2	2765.1	2.62	726	260	116.8	2.15	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:56:03	429.0	2760.3	2.67	726	260	116.9	2.15	185.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:56:23	429.4	2762.2	2.63	725	260	116.9	2.15	184.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:56:43	430.7	2762.3	2.37	725	260	117.0	2.13	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:57:03	431.7	2762.5	2.25	725	260	117.0	2.14	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:57:23	432.2	2761.7	2.29	726	260	117.1	2.14	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:57:43	432.2	2762.8	2.44	726	260	117.1	2.14	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:58:03	432.8	2764.0	2.49	726	260	117.2	2.14	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:58:23	432.7	2766.5	2.55	726	260	117.3	2.15	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:58:43	431.6	2766.3	2.58	726	260	117.3	2.14	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:59:03	430.9	2763.1	2.71	725	260	117.4	2.16	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:59:23	429.8	2761.5	2.83	725	260	117.4	2.15	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
11:59:43	429.3	2761.9	2.60	725	260	117.4	2.16	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:00:03	428.4	2758.7	2.46	725	260	117.4	2.17	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:00:23	428.9	2759.4	2.52	725	260	117.5	2.16	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:00:43	429.4	2763.1	2.35	725	260	117.5	2.16	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:01:03	430.8	2767.2	2.20	725	260	117.5	2.15	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:01:23	432.5	2771.0	2.07	725	260	117.5	2.14	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:01:43	432.7	2770.8	2.07	725	260	117.5	2.13	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:02:03	432.3	2768.4	2.41	725	260	117.6	2.15	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:02:23	432.0	2767.1	2.68	725	260	117.6	0.00	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:02:43	431.0	2762.7	2.79	725	260	117.6	0.00	185.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:03:03	431.7	2760.9	2.68	725	260	117.6	0.00	184.6	

Run 3

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:04:03	432.1	2766.2	2.15	725	259	117.6	2.15	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:04:23	431.8	2765.6	2.26	725	259	117.6	2.15	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:04:43	431.3	2765.5	2.49	725	259	117.6	2.15	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:05:03	430.7	2759.8	2.60	724	259	117.6	2.14	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:05:23	429.8	2759.8	2.66	724	259	117.6	2.14	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:05:43	429.6	2761.8	2.54	724	259	117.6	2.15	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:06:03	431.0	2765.5	2.02	724	259	117.6	2.14	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:06:23	431.6	2765.6	1.76	724	259	117.6	2.14	183.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:06:43	432.2	2767.7	1.83	724	258	117.6	2.11	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:07:03	432.7	2768.5	2.11	724	258	117.7	2.10	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:07:23	432.3	2766.8	2.33	724	258	117.7	2.09	184.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:07:43	430.9	2764.3	2.53	724	258	117.7	2.12	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:08:03	429.9	2763.1	2.58	724	258	117.7	2.13	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:08:23	429.9	2762.4	2.49	723	258	117.7	2.13	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:08:43	430.0	2761.9	2.32	723	258	117.7	2.13	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:09:03	429.6	2762.1	2.28	723	258	117.7	2.13	185.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:09:23	429.2	2758.8	2.33	723	257	117.7	2.14	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:09:43	429.0	2763.4	2.42	723	257	117.7	2.14	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:10:03	429.1	2760.9	2.41	723	257	117.7	2.14	185.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:10:23	429.7	2764.5	2.50	723	257	117.7	2.14	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:10:43	430.0	2765.1	2.43	723	257	117.7	2.15	184.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:11:03	430.2	2764.8	2.42	723	257	117.7	2.16	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:11:23	430.5	2767.7	2.40	723	257	117.7	2.15	184.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:11:43	430.6	2764.8	2.32	723	257	117.7	2.15	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:12:03	430.4	2764.6	2.45	723	257	117.7	2.15	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:12:23	430.4	2764.0	2.49	723	257	117.7	2.15	184.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:12:43	430.1	2758.5	2.43	723	257	117.7	2.15	184.1	

12:13:23	427.2	2752.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Group 400 12:13:43	1AI1540 428.8	1BM1P10 2756.9	1FD3C03 2.47	1D0298 722	1JSTT34 257	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 184.9	7	
Group 400 12:14:03	1AI1540 429.3	1BM1P10 2756.6	1FD3C03 2.00	1D0298 722	1JSTT34 257	1JSTT39 117.7	1JSPD46A 2.17	1BBSTFAN 184.1	7	
Group 400 12:14:23	1AI1540 428.9	1BM1P10 2763.3	1FD3C03 1.98	1D0298 722	1JSTT34 257	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 184.0	7	
Group 400 12:14:43	1AI1540 429.0	1BM1P10 2762.2	1FD3C03 2.07	1D0298 723	1JSTT34 257	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 184.7	7	
Group 400 12:15:03	1AI1540 428.5	1BM1P10 2764.4	1FD3C03 2.26	1D0298 723	1JSTT34 258	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 183.2	7	
Group 400 12:15:23	1AI1540 429.1	1BM1P10 2765.6	1FD3C03 2.20	1D0298 723	1JSTT34 258	1JSTT39 117.7	1JSPD46A 2.15	1BBSTFAN 184.7	7	
Group 400 12:15:43	1AI1540 429.1	1BM1P10 2765.1	1FD3C03 2.14	1D0298 723	1JSTT34 258	1JSTT39 117.7	1JSPD46A 2.14	1BBSTFAN 183.6	7	
Group 400 12:16:03	1AI1540 429.6	1BM1P10 2766.9	1FD3C03 2.15	1D0298 723	1JSTT34 258	1JSTT39 117.7	1JSPD46A 2.13	1BBSTFAN 183.7	7	
Group 400 12:16:23	1AI1540 429.7	1BM1P10 2761.2	1FD3C03 2.24	1D0298 723	1JSTT34 258	1JSTT39 117.7	1JSPD46A 2.14	1BBSTFAN 184.2	7	
Group 400 12:16:43	1AI1540 429.6	1BM1P10 2758.7	1FD3C03 2.38	1D0298 723	1JSTT34 259	1JSTT39 117.7	1JSPD46A 2.15	1BBSTFAN 182.8	7	
Group 400 12:17:03	1AI1540 429.9	1BM1P10 2757.9	1FD3C03 2.23	1D0298 723	1JSTT34 259	1JSTT39 117.7	1JSPD46A 2.15	1BBSTFAN 183.7	7	
Group 400 12:17:23	1AI1540 430.3	1BM1P10 2755.2	1FD3C03 2.20	1D0298 723	1JSTT34 259	1JSTT39 117.8	1JSPD46A 2.16	1BBSTFAN 183.5	7	
Group 400 12:17:43	1AI1540 429.9	1BM1P10 2756.2	1FD3C03 2.22	1D0298 724	1JSTT34 259	1JSTT39 117.8	1JSPD46A 2.15	1BBSTFAN 184.1	7	
Group 400 12:18:03	1AI1540 429.9	1BM1P10 2759.4	1FD3C03 2.13	1D0298 724	1JSTT34 259	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 185.4	7	
Group 400 12:18:23	1AI1540 429.6	1BM1P10 2760.7	1FD3C03 2.11	1D0298 724	1JSTT34 259	1JSTT39 117.7	1JSPD46A 2.17	1BBSTFAN 184.0	7	
Group 400 12:18:43	1AI1540 429.5	1BM1P10 2760.7	1FD3C03 2.23	1D0298 725	1JSTT34 259	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 183.6	7	
Group 400 12:19:03	1AI1540 429.0	1BM1P10 2760.8	1FD3C03 2.40	1D0298 725	1JSTT34 260	1JSTT39 117.7	1JSPD46A 2.17	1BBSTFAN 184.8	7	
Group 400 12:19:23	1AI1540 429.4	1BM1P10 2760.1	1FD3C03 2.54	1D0298 725	1JSTT34 260	1JSTT39 117.7	1JSPD46A 2.16	1BBSTFAN 183.3	7	
Group 400 12:19:43	1AI1540 429.7	1BM1P10 2759.8	1FD3C03 2.61	1D0298 725	1JSTT34 260	1JSTT39 117.7	1JSPD46A 2.17	1BBSTFAN 183.6	7	
Group 400 12:20:03	1AI1540 429.1	1BM1P10 2758.0	1FD3C03 2.53	1D0298 725	1JSTT34 260	1JSTT39 117.7	1JSPD46A 2.17	1BBSTFAN 183.6	7	
Group 400 12:20:23	1AI1540 430.5	1BM1P10 2753.3	1FD3C03 2.69	1D0298 725	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.17	1BBSTFAN 182.9	7	
Group 400 12:20:43	1AI1540 431.0	1BM1P10 2757.9	1FD3C03 2.45	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.17	1BBSTFAN 183.8	7	
Group 400 12:21:03	1AI1540 430.8	1BM1P10 2754.8	1FD3C03 2.43	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.17	1BBSTFAN 184.5	7	
Group 400 12:21:23	1AI1540 431.4	1BM1P10 2759.3	1FD3C03 2.55	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.16	1BBSTFAN 183.2	7	
Group 400 12:21:43	1AI1540 431.6	1BM1P10 2760.9	1FD3C03 2.51	1D0298 726	1JSTT34 260	1JSTT39 117.7	1JSPD46A 2.17	1BBSTFAN 184.9	7	
Group 400 12:22:03	1AI1540 430.5	1BM1P10 2760.3	1FD3C03 2.66	1D0298 726	1JSTT34 261	1JSTT39 117.4	1JSPD46A 2.17	1BBSTFAN 184.9	7	
Group 400 12:22:23	1AI1540 429.5	1BM1P10 2758.5	1FD3C03 2.85	1D0298 726	1JSTT34 261	1JSTT39 117.2	1JSPD46A 0.00	1BBSTFAN 183.6	7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7	

12:23:23	429.0	2760.6	2.87	725	261	116.4	0.00	183.7	7
Group 400 12:23:43	1AI1540 429.3	1BM1P10 2758.2	1FD3C03 2.79	1D0298 725	1JSTT34 261	1JSTT39 116.0	1JSPD46A 0.00	1BBSTFAN 183.9	7
Group 400 12:24:03	1AI1540 429.2	1BM1P10 2759.5	1FD3C03 2.64	1D0298 725	1JSTT34 261	1JSTT39 116.4	1JSPD46A 2.14	1BBSTFAN 183.8	7
Group 400 12:24:23	1AI1540 430.2	1BM1P10 2761.1	1FD3C03 2.42	1D0298 725	1JSTT34 261	1JSTT39 116.8	1JSPD46A 2.14	1BBSTFAN 183.2	7
Group 400 12:24:43	1AI1540 430.8	1BM1P10 2766.3	1FD3C03 2.17	1D0298 724	1JSTT34 261	1JSTT39 117.1	1JSPD46A 2.14	1BBSTFAN 183.5	7
Group 400 12:25:03	1AI1540 431.0	1BM1P10 2768.2	1FD3C03 2.14	1D0298 725	1JSTT34 262	1JSTT39 117.3	1JSPD46A 2.15	1BBSTFAN 184.1	7
Group 400 12:25:23	1AI1540 431.7	1BM1P10 2770.9	1FD3C03 2.26	1D0298 725	1JSTT34 262	1JSTT39 117.5	1JSPD46A 2.14	1BBSTFAN 183.9	7
Group 400 12:25:43	1AI1540 431.3	1BM1P10 2765.9	1FD3C03 2.48	1D0298 725	1JSTT34 262	1JSTT39 117.6	1JSPD46A 2.15	1BBSTFAN 183.6	7
Group 400 12:26:03	1AI1540 430.4	1BM1P10 2766.2	1FD3C03 2.66	1D0298 725	1JSTT34 262	1JSTT39 117.7	1JSPD46A 2.14	1BBSTFAN 184.3	7
Group 400 12:26:23	1AI1540 429.5	1BM1P10 2760.4	1FD3C03 2.69	1D0298 724	1JSTT34 262	1JSTT39 117.7	1JSPD46A 2.11	1BBSTFAN 183.4	7
Group 400 12:26:43	1AI1540 429.1	1BM1P10 2762.4	1FD3C03 2.67	1D0298 724	1JSTT34 262	1JSTT39 117.8	1JSPD46A 2.09	1BBSTFAN 184.0	7
Group 400 12:27:03	1AI1540 429.4	1BM1P10 2761.1	1FD3C03 2.60	1D0298 724	1JSTT34 262	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 183.7	7
Group 400 12:27:23	1AI1540 429.4	1BM1P10 2760.3	1FD3C03 2.39	1D0298 724	1JSTT34 262	1JSTT39 117.8	1JSPD46A 2.07	1BBSTFAN 183.9	7
Group 400 12:27:43	1AI1540 429.7	1BM1P10 2760.8	1FD3C03 2.30	1D0298 724	1JSTT34 262	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 184.6	7
Group 400 12:28:03	1AI1540 430.8	1BM1P10 2761.9	1FD3C03 2.26	1D0298 724	1JSTT34 262	1JSTT39 117.9	1JSPD46A 2.09	1BBSTFAN 183.5	7
Group 400 12:28:23	1AI1540 430.9	1BM1P10 2763.1	1FD3C03 2.38	1D0298 725	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.11	1BBSTFAN 184.0	7
Group 400 12:28:43	1AI1540 430.9	1BM1P10 2760.8	1FD3C03 2.50	1D0298 725	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.13	1BBSTFAN 183.7	7
Group 400 12:29:03	1AI1540 430.5	1BM1P10 2760.7	1FD3C03 2.70	1D0298 725	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.11	1BBSTFAN 183.9	7
Group 400 12:29:23	1AI1540 430.2	1BM1P10 2759.3	1FD3C03 2.76	1D0298 725	1JSTT34 263	1JSTT39 118.0	1JSPD46A 2.09	1BBSTFAN 183.2	7
Group 400 12:29:43	1AI1540 430.6	1BM1P10 2759.3	1FD3C03 2.79	1D0298 725	1JSTT34 263	1JSTT39 118.0	1JSPD46A 2.08	1BBSTFAN 183.7	7
Group 400 12:30:03	1AI1540 430.5	1BM1P10 2755.8	1FD3C03 2.64	1D0298 725	1JSTT34 262	1JSTT39 118.0	1JSPD46A 2.09	1BBSTFAN 184.3	7
Group 400 12:30:23	1AI1540 430.7	1BM1P10 2754.6	1FD3C03 2.50	1D0298 725	1JSTT34 262	1JSTT39 118.0	1JSPD46A 2.09	1BBSTFAN 183.5	7
Group 400 12:30:43	1AI1540 431.3	1BM1P10 2760.5	1FD3C03 2.20	1D0298 725	1JSTT34 262	1JSTT39 118.1	1JSPD46A 2.11	1BBSTFAN 183.6	7
Group 400 12:31:03	1AI1540 431.6	1BM1P10 2762.4	1FD3C03 1.89	1D0298 725	1JSTT34 262	1JSTT39 118.1	1JSPD46A 2.10	1BBSTFAN 184.1	7
Group 400 12:31:23	1AI1540 432.1	1BM1P10 2767.2	1FD3C03 1.82	1D0298 725	1JSTT34 262	1JSTT39 118.1	1JSPD46A 2.11	1BBSTFAN 183.6	7
Group 400 12:31:43	1AI1540 432.0	1BM1P10 2767.7	1FD3C03 1.96	1D0298 726	1JSTT34 262	1JSTT39 118.2	1JSPD46A 2.11	1BBSTFAN 184.1	7
Group 400 12:32:03	1AI1540 432.4	1BM1P10 2769.4	1FD3C03 2.25	1D0298 726	1JSTT34 262	1JSTT39 118.2	1JSPD46A 2.12	1BBSTFAN 183.1	7
Group 400 12:32:23	1AI1540 431.7	1BM1P10 2764.2	1FD3C03 2.43	1D0298 726	1JSTT34 262	1JSTT39 118.2	1JSPD46A 2.12	1BBSTFAN 183.5	7

[illegible]	431.1	2759.9	2.62	726	262	[illegible]	[illegible]	2.13	183.4 ?
Group 400 12:33:23	1AI1540 430.7	1BM1P10 2759.8	1FD3C03 2.54	1D0298 725	1JSTT34 262	1JSTT39 118.3	1JSPD46A 2.12	1BBSTFAN 183.7 ?	
Group 400 12:33:43	1AI1540 430.1	1BM1P10 2755.2	1FD3C03 2.53	1D0298 725	1JSTT34 262	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 184.2 ?	
Group 400 12:34:03	1AI1540 429.9	1BM1P10 2753.9	1FD3C03 2.56	1D0298 725	1JSTT34 262	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 184.0 ?	
Group 400 12:34:23	1AI1540 429.7	1BM1P10 2751.5	1FD3C03 2.51	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 184.0 ?	
Group 400 12:34:43	1AI1540 430.2	1BM1P10 2755.6	1FD3C03 2.24	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 183.8 ?	
Group 400 12:35:03	1AI1540 431.0	1BM1P10 2755.6	1FD3C03 1.93	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 184.1 ?	
Group 400 12:35:23	1AI1540 430.9	1BM1P10 2759.3	1FD3C03 2.08	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 184.8 ?	
Group 400 12:35:43	1AI1540 429.9	1BM1P10 2757.0	1FD3C03 2.34	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.13	1BBSTFAN 183.7 ?	
Group 400 12:36:03	1AI1540 430.2	1BM1P10 2761.3	1FD3C03 2.69	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.11	1BBSTFAN 184.1 ?	
Group 400 12:36:23	1AI1540 430.0	1BM1P10 2760.7	1FD3C03 2.64	1D0298 725	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.11	1BBSTFAN 183.8 ?	
Group 400 12:36:43	1AI1540 428.9	1BM1P10 2756.2	1FD3C03 2.68	1D0298 724	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.10	1BBSTFAN 183.1 ?	
Group 400 12:37:03	1AI1540 428.5	1BM1P10 2754.9	1FD3C03 2.77	1D0298 724	1JSTT34 261	1JSTT39 118.3	1JSPD46A 2.10	1BBSTFAN 185.2 ?	
Group 400 12:37:23	1AI1540 429.3	1BM1P10 2756.9	1FD3C03 2.09	1D0298 724	1JSTT34 261	1JSTT39 118.2	1JSPD46A 2.10	1BBSTFAN 183.6 ?	
Group 400 12:37:43	1AI1540 429.8	1BM1P10 2760.8	1FD3C03 1.75	1D0298 724	1JSTT34 261	1JSTT39 118.2	1JSPD46A 2.10	1BBSTFAN 183.8 ?	
Group 400 12:38:03	1AI1540 431.1	1BM1P10 2765.8	1FD3C03 1.64	1D0298 724	1JSTT34 261	1JSTT39 118.2	1JSPD46A 2.11	1BBSTFAN 184.1 ?	
Group 400 12:38:23	1AI1540 431.4	1BM1P10 2768.4	1FD3C03 1.58	1D0298 724	1JSTT34 261	1JSTT39 118.2	1JSPD46A 2.11	1BBSTFAN 184.9 ?	
Group 400 12:38:43	1AI1540 431.5	1BM1P10 2769.2	1FD3C03 1.84	1D0298 725	1JSTT34 261	1JSTT39 118.2	1JSPD46A 2.13	1BBSTFAN 184.2 ?	
Group 400 12:39:03	1AI1540 431.3	1BM1P10 2766.0	1FD3C03 2.09	1D0298 725	1JSTT34 260	1JSTT39 118.2	1JSPD46A 2.12	1BBSTFAN 184.1 ?	
Group 400 12:39:23	1AI1540 431.0	1BM1P10 2766.0	1FD3C03 2.32	1D0298 725	1JSTT34 260	1JSTT39 118.1	1JSPD46A 2.13	1BBSTFAN 183.0 ?	
Group 400 12:39:43	1AI1540 429.6	1BM1P10 2757.9	1FD3C03 2.70	1D0298 725	1JSTT34 260	1JSTT39 118.1	1JSPD46A 2.12	1BBSTFAN 184.3 ?	
Group 400 12:40:03	1AI1540 429.3	1BM1P10 2758.0	1FD3C03 2.81	1D0298 724	1JSTT34 260	1JSTT39 118.1	1JSPD46A 2.12	1BBSTFAN 183.9 ?	
Group 400 12:40:23	1AI1540 429.2	1BM1P10 2755.3	1FD3C03 2.71	1D0298 724	1JSTT34 260	1JSTT39 118.0	1JSPD46A 2.12	1BBSTFAN 184.6 ?	
Group 400 12:40:43	1AI1540 430.0	1BM1P10 2755.2	1FD3C03 2.41	1D0298 724	1JSTT34 260	1JSTT39 118.0	1JSPD46A 2.11	1BBSTFAN 183.0 ?	
Group 400 12:41:03	1AI1540 430.9	1BM1P10 2755.4	1FD3C03 2.00	1D0298 724	1JSTT34 260	1JSTT39 118.0	1JSPD46A 2.12	1BBSTFAN 184.3 ?	
Group 400 12:41:23	1AI1540 431.1	1BM1P10 2757.4	1FD3C03 1.91	1D0298 724	1JSTT34 260	1JSTT39 118.0	1JSPD46A 2.11	1BBSTFAN 184.3 ?	
Group 400 12:41:43	1AI1540 431.1	1BM1P10 2760.5	1FD3C03 2.17	1D0298 725	1JSTT34 260	1JSTT39 118.0	1JSPD46A 2.12	1BBSTFAN 184.4 ?	
Group 400 12:42:03	1AI1540 430.9	1BM1P10 2764.5	1FD3C03 2.23	1D0298 725	1JSTT34 260	1JSTT39 118.0	1JSPD46A 2.12	1BBSTFAN 184.3 ?	
Group 400	1AI1540	[illegible]	[illegible]						

Group 400 12:43:03	1AI1540 429.6	1BM1P10 2763.5	1FD3C03 2.28	1D0298 725	1JSTT34 260	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.9	?
Group 400 12:43:23	1AI1540 428.5	1BM1P10 2761.1	1FD3C03 2.36	1D0298 725	1JSTT34 260	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.6	?
Group 400 12:43:42	1AI1540 428.1	1BM1P10 2754.7	1FD3C03 2.47	1D0298 724	1JSTT34 260	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.9	?
Group 400 12:44:03	1AI1540 427.9	1BM1P10 2757.3	1FD3C03 2.48	1D0298 724	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 185.6	?
Group 400 12:44:22	1AI1540 428.2	1BM1P10 2753.2	1FD3C03 2.32	1D0298 724	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 183.5	?
Group 400 12:44:42	1AI1540 429.0	1BM1P10 2757.5	1FD3C03 2.10	1D0298 724	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 184.2	?
Group 400 12:45:02	1AI1540 430.1	1BM1P10 2755.9	1FD3C03 1.86	1D0298 725	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.07	1BBSTFAN 183.6	?
Group 400 12:45:22	1AI1540 430.9	1BM1P10 2762.0	1FD3C03 2.01	1D0298 725	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 184.2	?
Group 400 12:45:42	1AI1540 431.7	1BM1P10 2765.2	1FD3C03 2.03	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 184.6	?
Group 400 12:46:03	1AI1540 430.6	1BM1P10 2760.6	1FD3C03 2.26	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 183.4	?
Group 400 12:46:23	1AI1540 430.1	1BM1P10 2760.5	1FD3C03 2.60	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 183.7	?
Group 400 12:46:43	1AI1540 429.0	1BM1P10 2761.9	1FD3C03 2.56	1D0298 726	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.07	1BBSTFAN 184.0	?
Group 400 12:47:03	1AI1540 429.4	1BM1P10 2758.9	1FD3C03 2.62	1D0298 725	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.05	1BBSTFAN 183.6	?
Group 400 12:47:23	1AI1540 429.7	1BM1P10 2761.3	1FD3C03 2.51	1D0298 725	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.04	1BBSTFAN 183.7	?
Group 400 12:47:43	1AI1540 429.8	1BM1P10 2763.8	1FD3C03 2.38	1D0298 725	1JSTT34 260	1JSTT39 117.8	1JSPD46A 2.07	1BBSTFAN 183.4	?
Group 400 12:48:03	1AI1540 430.0	1BM1P10 2765.6	1FD3C03 2.08	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 183.3	?
Group 400 12:48:23	1AI1540 430.9	1BM1P10 2767.4	1FD3C03 2.10	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.08	1BBSTFAN 183.4	?
Group 400 12:48:43	1AI1540 430.7	1BM1P10 2765.6	1FD3C03 2.03	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.09	1BBSTFAN 184.8	?
Group 400 12:49:03	1AI1540 429.4	1BM1P10 2760.9	1FD3C03 2.42	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.09	1BBSTFAN 183.2	?
Group 400 12:49:23	1AI1540 428.4	1BM1P10 2756.3	1FD3C03 2.72	1D0298 725	1JSTT34 261	1JSTT39 117.9	1JSPD46A 2.10	1BBSTFAN 183.2	?
Group 400 12:49:43	1AI1540 427.4	1BM1P10 2751.2	1FD3C03 2.81	1D0298 724	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 184.0	?
Group 400 12:50:03	1AI1540 428.1	1BM1P10 2749.9	1FD3C03 2.66	1D0298 724	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 183.2	?
Group 400 12:50:23	1AI1540 428.6	1BM1P10 2752.3	1FD3C03 2.29	1D0298 724	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 183.9	?
Group 400 12:50:43	1AI1540 429.1	1BM1P10 2752.7	1FD3C03 2.09	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 183.9	?
Group 400 12:51:03	1AI1540 429.1	1BM1P10 2758.2	1FD3C03 2.14	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.09	1BBSTFAN 183.4	?
Group 400 12:51:23	1AI1540 429.6	1BM1P10 2759.4	1FD3C03 2.23	1D0298 725	1JSTT34 261	1JSTT39 117.8	1JSPD46A 2.10	1BBSTFAN 183.7	?
Group 400 12:51:43	1AI1540 429.2	1BM1P10 2757.3	1FD3C03 2.45	1D0298 726	1JSTT34 262	1JSTT39 117.9	1JSPD46A 2.11	1BBSTFAN 182.8	?
Group 400 12:52:03	1AI1540 428.9	1BM1P10 2758.1	1FD3C03 2.62	1D0298 726	1JSTT34 262	1JSTT39 117.8	1JSPD46A [illegible]	1BBSTFAN [illegible]	?

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:52:43	429.0	2759.6	2.56	726	262	118.0	2.07	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:53:03	429.1	2759.4	2.54	726	262	118.0	2.05	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:53:23	429.5	2761.4	2.54	726	262	118.0	2.04	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:53:43	429.8	2757.3	2.51	726	262	118.0	2.04	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:54:03	430.5	2760.3	2.58	726	262	118.0	2.04	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:54:23	430.4	2760.9	2.16	726	262	118.0	2.04	182.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:54:43	430.5	2759.4	2.37	726	262	118.0	2.05	181.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:55:03	430.2	2759.9	2.58	727	262	118.0	2.04	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:55:23	429.4	2755.8	2.71	727	262	118.0	2.05	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:55:43	430.0	2759.7	2.67	727	262	118.0	2.05	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:56:03	429.6	2755.7	2.65	727	262	117.9	2.05	183.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:56:23	429.9	2757.3	2.59	727	262	117.9	2.06	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:56:43	430.6	2758.6	2.53	727	262	117.9	2.09	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:57:03	430.8	2758.3	2.52	727	262	117.9	2.10	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:57:22	431.5	2760.7	2.53	728	262	117.9	2.10	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:57:42	431.9	2762.4	2.41	728	262	117.9	2.09	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:58:03	431.7	2762.6	2.50	728	262	117.9	2.04	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:58:22	431.4	2762.2	2.53	728	262	117.9	2.04	183.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:58:43	431.0	2761.7	2.76	728	262	117.9	2.04	183.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:59:03	431.0	2761.7	2.72	728	262	117.9	2.04	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:59:23	430.3	2758.0	2.65	727	262	117.9	2.05	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
12:59:43	430.4	2756.7	2.75	727	262	117.8	2.06	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:00:03	429.7	2755.8	2.67	727	262	117.8	2.07	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:00:22	429.9	2755.2	2.57	727	262	117.8	2.06	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:00:42	430.4	2756.7	2.48	727	261	117.8	2.06	182.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:01:03	431.3	2762.5	2.43	727	261	117.8	2.06	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:01:22	430.5	2761.6	2.39	727	261	117.8	2.04	183.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:01:43	430.4	2762.7	2.57	727	261	117.8	2.03	182.7	

Group 400 13:02:43	1AI1540 430.1	1BM1P10 2761.5	1FD3C03 2.68	1D0298 726	1JSTT34 261	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.4	?
Group 400 13:03:03	1AI1540 430.6	1BM1P10 2766.2	1FD3C03 2.57	1D0298 726	1JSTT34 261	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.5	?
Group 400 13:03:23	1AI1540 431.2	1BM1P10 2763.5	1FD3C03 2.34	1D0298 726	1JSTT34 261	1JSTT39 118.0	1JSPD46A 0.00	1BBSTFAN 184.5	?
Group 400 13:03:43	1AI1540 430.6	1BM1P10 2761.4	1FD3C03 2.26	1D0298 726	1JSTT34 261	1JSTT39 118.0	1JSPD46A 0.00	1BBSTFAN 183.8	?
Group 400 13:04:02	1AI1540 430.8	1BM1P10 2759.9	1FD3C03 2.38	1D0298 726	1JSTT34 261	1JSTT39 118.0	1JSPD46A 2.11	1BBSTFAN 183.2	?
Group 400 13:04:23	1AI1540 430.7	1BM1P10 2760.3	1FD3C03 2.48	1D0298 726	1JSTT34 261	1JSTT39 118.1	1JSPD46A 2.08	1BBSTFAN 182.3	?
Group 400 13:04:43	1AI1540 430.3	1BM1P10 2758.2	1FD3C03 2.55	1D0298 726	1JSTT34 261	1JSTT39 118.1	1JSPD46A 2.08	1BBSTFAN 183.5	?
Group 400 13:05:03	1AI1540 430.0	1BM1P10 2762.6	1FD3C03 2.53	1D0298 726	1JSTT34 260	1JSTT39 118.1	1JSPD46A 2.07	1BBSTFAN 183.2	?
Group 400 13:05:23	1AI1540 430.2	1BM1P10 2761.1	1FD3C03 2.34	1D0298 726	1JSTT34 260	1JSTT39 118.2	1JSPD46A 2.07	1BBSTFAN 183.0	?
Group 400 13:05:43	1AI1540 430.2	1BM1P10 2758.8	1FD3C03 2.28	1D0298 726	1JSTT34 260	1JSTT39 118.2	1JSPD46A 2.08	1BBSTFAN 183.6	?
Group 400 13:06:03	1AI1540 430.1	1BM1P10 2761.4	1FD3C03 2.25	1D0298 725	1JSTT34 260	1JSTT39 118.2	1JSPD46A 2.07	1BBSTFAN 184.1	?
Group 400 13:06:23	1AI1540 430.1	1BM1P10 2762.4	1FD3C03 2.15	1D0298 726	1JSTT34 260	1JSTT39 118.3	1JSPD46A 2.08	1BBSTFAN 182.8	?
Group 400 13:06:43	1AI1540 430.6	1BM1P10 2762.7	1FD3C03 2.17	1D0298 726	1JSTT34 260	1JSTT39 118.3	1JSPD46A 2.04	1BBSTFAN 183.9	?
Group 400 13:07:03	1AI1540 431.0	1BM1P10 2766.5	1FD3C03 2.11	1D0298 726	1JSTT34 260	1JSTT39 118.3	1JSPD46A 2.03	1BBSTFAN 183.5	?
Group 400 13:07:23	1AI1540 430.5	1BM1P10 2761.8	1FD3C03 2.17	1D0298 726	1JSTT34 260	1JSTT39 118.3	1JSPD46A 2.01	1BBSTFAN 184.1	?
Group 400 13:07:43	1AI1540 430.7	1BM1P10 2764.1	1FD3C03 2.29	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.04	1BBSTFAN 183.8	?
Group 400 13:08:03	1AI1540 431.0	1BM1P10 2762.0	1FD3C03 2.10	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.06	1BBSTFAN 183.1	?
Group 400 13:08:23	1AI1540 431.1	1BM1P10 2761.6	1FD3C03 2.03	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.06	1BBSTFAN 183.4	?
Group 400 13:08:43	1AI1540 430.6	1BM1P10 2756.4	1FD3C03 2.22	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.08	1BBSTFAN 183.1	?
Group 400 13:09:03	1AI1540 429.3	1BM1P10 2755.4	1FD3C03 2.54	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.07	1BBSTFAN 184.0	?
Group 400 13:09:23	1AI1540 429.6	1BM1P10 2754.3	1FD3C03 2.57	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.07	1BBSTFAN 182.1	?
Group 400 13:09:47	1AI1540 431.1	1BM1P10 2761.1	1FD3C03 2.35	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.08	1BBSTFAN 183.4	?
Group 400 13:10:08	1AI1540 432.1	1BM1P10 2761.9	1FD3C03 2.12	1D0298 726	1JSTT34 260	1JSTT39 118.4	1JSPD46A 2.08	1BBSTFAN 183.7	?
Group 400 13:10:29	1AI1540 431.6	1BM1P10 2762.8	1FD3C03 2.10	1D0298 727	1JSTT34 259	1JSTT39 118.4	1JSPD46A 2.08	1BBSTFAN 183.9	?
Group 400 13:10:49	1AI1540 431.7	1BM1P10 2764.6	1FD3C03 2.35	1D0298 727	1JSTT34 259	1JSTT39 118.4	1JSPD46A 2.08	1BBSTFAN 183.2	?
Group 400 13:11:10	1AI1540 431.5	1BM1P10 2764.3	1FD3C03 2.43	1D0298 727	1JSTT34 259	1JSTT39 118.5	1JSPD46A 2.08	1BBSTFAN 185.1	?
Group 400 13:11:30	1AI1540 431.1	1BM1P10 2762.7	1FD3C03 2.50	1D0298 726	1JSTT34 259	1JSTT39 118.5	1JSPD46A 2.08	1BBSTFAN 183.3	?
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	[illegible]	[illegible]	

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:12:30	428.5	2752.6	2.76	725	259	118.6	2.08	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:12:50	428.3	2752.1	2.79	725	259	118.6	2.10	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:13:10	428.3	2753.8	2.33	725	259	118.5	2.11	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:13:29	429.4	2753.8	2.14	725	259	118.6	2.11	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:13:49	430.0	2761.1	1.99	725	259	118.5	2.12	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:14:09	430.8	2762.8	1.83	725	260	118.6	2.12	184.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:14:29	430.3	2764.8	2.12	725	260	118.6	2.13	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:14:49	430.9	2765.3	2.30	726	260	118.6	2.13	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:15:09	430.4	2762.4	2.39	725	260	118.6	2.13	184.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:15:30	429.9	2762.7	2.56	725	260	118.6	2.14	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:15:49	430.0	2759.1	2.64	725	260	118.7	2.13	183.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:16:10	429.3	2760.0	2.54	725	260	118.6	2.13	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:16:29	429.9	2757.5	2.34	725	260	118.6	2.13	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:16:49	430.7	2759.8	2.15	725	260	118.6	2.12	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:17:09	430.7	2760.1	1.97	725	261	118.6	2.13	183.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:17:29	430.5	2761.1	2.00	725	261	118.6	2.14	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:17:49	430.3	2762.6	2.12	725	261	118.5	2.15	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:18:09	429.7	2761.9	2.14	725	261	118.5	2.15	184.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:18:29	429.1	2762.3	2.16	725	261	118.5	2.14	183.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:19:49	428.8	2762.8	2.21	725	261	118.4	2.14	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:19:09	428.0	2757.9	2.20	725	261	118.4	2.12	184.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:19:29	428.6	2757.1	2.24	725	261	118.3	2.11	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:19:49	428.0	2753.2	2.30	725	261	118.3	2.11	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:20:09	428.8	2754.4	2.26	725	261	118.2	2.12	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:20:29	428.6	2752.2	2.23	725	262	118.2	2.13	183.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:20:50	429.7	2757.2	2.08	726	262	118.1	2.13	183.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:21:09	430.7	2755.6	1.92	726	262	118.1	2.13	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:21:29	430.6	2758.6	1.94	727	262	118.0	2.13	183.7	

13:22:10	429.8	2757.6	2.51	727	262	118.0	0.00	183.6		
Group 400 13:22:30	1AI1540 429.4	1BM1P10 2754.3	1FD3C03 2.36	1D0298 727	1JSTT34 262	1JSTT39 118.0	1JSPD46A 0.00	1BBSTFAN 182.6	7	
Group 400 13:22:49	1AI1540 429.5	1BM1P10 2752.5	1FD3C03 2.55	1D0298 727	1JSTT34 262	1JSTT39 118.0	1JSPD46A 0.00	1BBSTFAN 183.1	7	
Group 400 13:23:09	1AI1540 429.3	1BM1P10 2754.5	1FD3C03 2.49	1D0298 728	1JSTT34 262	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.6	7	
Group 400 13:23:29	1AI1540 429.0	1BM1P10 2753.2	1FD3C03 2.45	1D0298 728	1JSTT34 262	1JSTT39 117.9	1JSPD46A 0.00	1BBSTFAN 183.2	7	
Group 400 13:23:49	1AI1540 429.2	1BM1P10 2754.4	1FD3C03 2.46	1D0298 728	1JSTT34 262	1JSTT39 117.9	1JSPD46A 2.11	1BBSTFAN 182.8	7	
Group 400 13:24:09	1AI1540 429.2	1BM1P10 2751.6	1FD3C03 2.45	1D0298 728	1JSTT34 262	1JSTT39 118.0	1JSPD46A 2.11	1BBSTFAN 182.1	7	
Group 400 13:24:35	1AI1540 430.2	1BM1P10 2753.3	1FD3C03 2.42	1D0298 728	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.06	1BBSTFAN 182.8	7	
Group 400 13:24:55	1AI1540 430.0	1BM1P10 2752.7	1FD3C03 2.43	1D0298 728	1JSTT34 263	1JSTT39 118.0	1JSPD46A 2.03	1BBSTFAN 184.6	7	
Group 400 13:25:15	1AI1540 430.2	1BM1P10 2755.4	1FD3C03 2.29	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.02	1BBSTFAN 183.1	7	
Group 400 13:25:35	1AI1540 430.3	1BM1P10 2754.1	1FD3C03 2.27	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.01	1BBSTFAN 182.3	7	
Group 400 13:25:56	1AI1540 430.9	1BM1P10 2757.5	1FD3C03 2.09	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 2.01	1BBSTFAN 183.0	7	
Group 400 13:26:16	1AI1540 430.5	1BM1P10 2756.3	1FD3C03 2.19	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 1.99	1BBSTFAN 183.8	7	
Group 400 13:26:36	1AI1540 430.5	1BM1P10 2756.0	1FD3C03 2.48	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 1.97	1BBSTFAN 183.7	7	
Group 400 13:26:56	1AI1540 429.6	1BM1P10 2753.3	1FD3C03 2.61	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.95	1BBSTFAN 183.0	7	
Group 400 13:27:16	1AI1540 429.6	1BM1P10 2752.0	1FD3C03 2.75	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.96	1BBSTFAN 183.9	7	
Group 400 13:27:36	1AI1540 429.3	1BM1P10 2750.7	1FD3C03 2.70	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.98	1BBSTFAN 183.0	7	
Group 400 13:27:56	1AI1540 428.6	1BM1P10 2750.9	1FD3C03 2.62	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.99	1BBSTFAN 184.1	7	
Group 400 13:28:16	1AI1540 429.1	1BM1P10 2752.0	1FD3C03 2.42	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.98	1BBSTFAN 181.8	7	
Group 400 13:28:36	1AI1540 428.9	1BM1P10 2751.6	1FD3C03 2.38	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 2.00	1BBSTFAN 182.6	7	
Group 400 13:28:56	1AI1540 429.7	1BM1P10 2757.3	1FD3C03 2.36	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 2.04	1BBSTFAN 182.4	7	
Group 400 13:29:16	1AI1540 429.7	1BM1P10 2757.7	1FD3C03 2.38	1D0298 729	1JSTT34 264	1JSTT39 118.0	1JSPD46A 2.04	1BBSTFAN 182.3	7	
Group 400 13:29:36	1AI1540 430.6	1BM1P10 2761.5	1FD3C03 2.37	1D0298 730	1JSTT34 264	1JSTT39 118.0	1JSPD46A 2.01	1BBSTFAN 184.7	7	
Group 400 13:29:56	1AI1540 430.8	1BM1P10 2758.1	1FD3C03 2.54	1D0298 730	1JSTT34 264	1JSTT39 118.0	1JSPD46A 2.00	1BBSTFAN 183.4	7	
Group 400 13:30:16	1AI1540 430.3	1BM1P10 2755.6	1FD3C03 2.67	1D0298 730	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.98	1BBSTFAN 182.7	7	
Group 400 13:30:36	1AI1540 431.1	1BM1P10 2757.9	1FD3C03 2.57	1D0298 730	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.98	1BBSTFAN 184.0	7	
Group 400 13:31:01	1AI1540 431.2	1BM1P10 2756.3	1FD3C03 2.37	1D0298 730	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.97	1BBSTFAN 183.5	7	
Group 400 13:31:21	1AI1540 430.1	1BM1P10 2753.4	1FD3C03 2.37	1D0298 730	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.98	1BBSTFAN 183.5	7	

Group 400 13:32:03	1AI1540 429.1	1BM1P10 2754.9	1FD3C03 2.71	1D0298 730	1JSTT34 264	1JSTT39 117.9	1JSPD46A 1.98	1BBSTFAN 182.7	?
Group 400 13:32:23	1AI1540 429.0	1BM1P10 2750.6	1FD3C03 2.70	1D0298 730	1JSTT34 264	1JSTT39 117.9	1JSPD46A 1.98	1BBSTFAN 182.4	?
Group 400 13:32:44	1AI1540 428.7	1BM1P10 2753.3	1FD3C03 2.70	1D0298 729	1JSTT34 264	1JSTT39 117.9	1JSPD46A 1.98	1BBSTFAN 182.8	?
Group 400 13:33:04	1AI1540 429.8	1BM1P10 2756.3	1FD3C03 2.31	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 1.96	1BBSTFAN 183.0	?
Group 400 13:33:23	1AI1540 429.9	1BM1P10 2755.2	1FD3C03 2.29	1D0298 729	1JSTT34 263	1JSTT39 117.9	1JSPD46A 1.99	1BBSTFAN 183.0	?
Group 400 13:33:49	1AI1540 430.6	1BM1P10 2757.0	1FD3C03 2.36	1D0298 729	1JSTT34 263	1JSTT39 117.8	1JSPD46A 2.01	1BBSTFAN 183.8	?
Group 400 13:34:09	1AI1540 430.5	1BM1P10 2757.5	1FD3C03 2.54	1D0298 729	1JSTT34 263	1JSTT39 117.8	1JSPD46A 2.00	1BBSTFAN 184.9	?
Group 400 13:34:29	1AI1540 430.7	1BM1P10 2754.5	1FD3C03 2.57	1D0298 729	1JSTT34 263	1JSTT39 117.8	1JSPD46A 1.99	1BBSTFAN 183.9	?
Group 400 13:34:49	1AI1540 431.0	1BM1P10 2755.0	1FD3C03 2.54	1D0298 729	1JSTT34 263	1JSTT39 117.8	1JSPD46A 1.99	1BBSTFAN 184.7	?
Group 400 13:35:09	1AI1540 430.5	1BM1P10 2755.5	1FD3C03 2.40	1D0298 729	1JSTT34 263	1JSTT39 117.8	1JSPD46A 1.98	1BBSTFAN 183.9	?
Group 400 13:35:29	1AI1540 430.8	1BM1P10 2755.1	1FD3C03 2.39	1D0298 729	1JSTT34 263	1JSTT39 117.7	1JSPD46A 1.98	1BBSTFAN 184.5	?
Group 400 13:35:49	1AI1540 431.3	1BM1P10 2755.7	1FD3C03 2.40	1D0298 729	1JSTT34 263	1JSTT39 117.7	1JSPD46A 1.98	1BBSTFAN 184.3	?
Group 400 13:36:09	1AI1540 430.6	1BM1P10 2754.5	1FD3C03 2.44	1D0298 729	1JSTT34 263	1JSTT39 117.7	1JSPD46A 1.98	1BBSTFAN 183.7	?
Group 400 13:36:29	1AI1540 430.7	1BM1P10 2756.9	1FD3C03 2.68	1D0298 729	1JSTT34 262	1JSTT39 117.7	1JSPD46A 1.99	1BBSTFAN 184.0	?
Group 400 13:36:49	1AI1540 430.4	1BM1P10 2758.6	1FD3C03 2.65	1D0298 728	1JSTT34 262	1JSTT39 117.7	1JSPD46A 1.98	1BBSTFAN 183.7	?
Group 400 13:37:09	1AI1540 430.3	1BM1P10 2760.9	1FD3C03 2.41	1D0298 728	1JSTT34 262	1JSTT39 117.7	1JSPD46A 1.97	1BBSTFAN 184.2	?
Group 400 13:37:35	1AI1540 429.4	1BM1P10 2754.5	1FD3C03 2.50	1D0298 728	1JSTT34 262	1JSTT39 117.6	1JSPD46A 1.98	1BBSTFAN 183.4	?
Group 400 13:37:55	1AI1540 429.1	1BM1P10 2756.6	1FD3C03 2.64	1D0298 728	1JSTT34 262	1JSTT39 117.6	1JSPD46A 1.99	1BBSTFAN 183.6	?
Group 400 13:38:17	1AI1540 429.0	1BM1P10 2756.7	1FD3C03 2.24	1D0298 728	1JSTT34 262	1JSTT39 117.6	1JSPD46A 2.02	1BBSTFAN 183.2	?
Group 400 13:38:38	1AI1540 428.2	1BM1P10 2753.3	1FD3C03 2.31	1D0298 727	1JSTT34 262	1JSTT39 117.5	1JSPD46A 2.03	1BBSTFAN 183.4	?
Group 400 13:38:58	1AI1540 428.7	1BM1P10 2764.1	1FD3C03 2.38	1D0298 727	1JSTT34 262	1JSTT39 117.5	1JSPD46A 2.03	1BBSTFAN 184.1	?
Group 400 13:39:23	1AI1540 428.3	1BM1P10 2773.6	1FD3C03 2.20	1D0298 727	1JSTT34 262	1JSTT39 117.5	1JSPD46A 2.00	1BBSTFAN 183.6	?
Group 400 13:39:43	1AI1540 428.3	1BM1P10 2775.7	1FD3C03 2.28	1D0298 727	1JSTT34 262	1JSTT39 117.5	1JSPD46A 1.99	1BBSTFAN 183.2	?
Group 400 13:40:03	1AI1540 429.4	1BM1P10 2777.9	1FD3C03 2.10	1D0298 727	1JSTT34 262	1JSTT39 117.5	1JSPD46A 1.98	1BBSTFAN 182.4	?
Group 400 13:40:23	1AI1540 430.5	1BM1P10 2781.8	1FD3C03 1.90	1D0298 727	1JSTT34 262	1JSTT39 117.6	1JSPD46A 1.97	1BBSTFAN 184.2	?
Group 400 13:40:43	1AI1540 430.7	1BM1P10 2781.6	1FD3C03 1.75	1D0298 727	1JSTT34 262	1JSTT39 117.7	1JSPD46A 1.99	1BBSTFAN 182.7	?
Group 400 13:41:03	1AI1540 430.9	1BM1P10 2784.8	1FD3C03 1.95	1D0298 727	1JSTT34 262	1JSTT39 117.7	1JSPD46A 2.00	1BBSTFAN 183.2	?
Group 400 13:41:23	1AI1540 431.8	1BM1P10 2785.5	1FD3C03 1.95	1D0298 727	1JSTT34 262	1JSTT39 117.8	1JSPD46A 2.00	1BBSTFAN 182.2	?

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:42:23	430.0	2776.3	2.61	726	261	118.0	0.00	183.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:42:43	430.0	2780.5	2.54	725	261	118.0	0.00	182.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:43:03	430.7	2781.8	2.25	725	261	118.0	0.00	182.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:43:23	430.1	2781.6	2.10	725	261	118.0	0.00	182.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:43:43	430.0	2783.1	1.94	724	261	118.1	0.00	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:44:03	429.8	2785.9	1.82	724	261	118.1	2.01	182.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:44:23	429.0	2785.2	1.88	724	261	118.1	1.99	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:44:43	428.8	2783.6	2.26	724	261	118.2	1.99	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:45:03	427.8	2779.3	2.33	723	261	118.2	1.99	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:45:23	427.5	2776.8	2.46	723	261	118.2	1.98	183.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:45:43	427.7	2776.4	2.57	722	261	118.2	1.95	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:46:03	427.5	2772.1	2.32	722	261	118.2	1.95	182.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:46:23	427.4	2771.7	2.42	722	261	118.2	1.94	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:46:43	428.3	2776.0	2.34	722	261	118.2	1.90	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:47:03	429.2	2777.5	2.22	722	262	118.3	1.87	182.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:47:23	429.9	2763.7	2.08	722	262	118.3	1.85	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:47:43	430.2	2785.3	2.00	722	262	118.3	1.89	183.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:48:03	429.4	2786.3	2.34	722	262	118.3	1.94	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:48:23	428.7	2786.5	2.57	722	262	118.4	1.97	183.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:48:43	429.4	2786.3	2.54	722	262	118.4	1.99	182.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:49:03	428.9	2785.0	2.29	721	262	118.4	2.00	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:49:23	428.6	2783.7	2.42	721	262	118.5	2.01	182.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:49:43	427.8	2777.4	2.52	721	262	118.5	2.01	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:50:03	426.8	2776.0	2.59	721	262	118.5	2.03	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:50:23	426.9	2774.5	2.44	720	262	118.5	2.02	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:50:43	427.5	2778.0	2.32	720	262	118.6	2.04	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:51:03	427.4	2774.8	2.22	720	263	118.6	2.03	182.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:51:23	427.6	2778.1	2.35	721	263	118.4	2.03	182.5	

13:52:03	428.6	2781.2	2.42	721	263	118.7	2.03	183.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:52:23	428.2	2778.5	2.41	721	263	118.7	2.04	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:52:43	428.9	2782.1	2.54	721	263	118.7	2.04	181.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:53:03	428.3	2780.1	2.54	722	263	118.7	2.05	182.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:53:23	429.0	2779.8	2.65	722	263	118.7	2.04	182.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:53:43	429.1	2781.6	2.48	722	263	118.7	2.03	182.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:54:03	429.6	2782.7	2.53	722	263	118.7	2.02	182.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:54:23	430.5	2783.9	2.40	722	263	118.8	2.03	181.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:54:43	430.4	2784.4	2.36	722	263	118.8	2.04	182.4	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:55:03	430.9	2787.7	2.45	722	263	118.8	2.04	182.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:55:23	431.1	2787.9	2.54	722	263	118.8	2.04	181.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:55:43	430.9	2784.9	2.73	722	264	118.8	2.04	181.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:56:03	430.6	2766.4	2.75	722	264	118.9	2.05	181.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:56:22	430.4	2780.5	2.72	722	263	118.9	2.06	181.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:56:43	429.5	2778.5	2.78	721	264	118.9	2.05	183.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:57:03	429.1	2776.0	2.96	721	264	118.9	2.04	182.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:57:22	429.1	2776.8	2.74	721	264	119.0	2.04	182.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:57:43	429.8	2779.3	2.55	721	264	119.0	2.04	182.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:58:02	430.4	2782.6	2.51	722	264	119.1	2.04	181.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:58:23	430.4	2783.9	2.51	722	264	119.1	2.03	182.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:58:43	430.2	2785.3	2.67	722	264	119.1	2.03	181.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:59:03	429.5	2784.6	2.77	722	264	119.2	2.03	182.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:59:23	429.1	2781.1	2.87	721	264	119.2	2.04	182.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
13:59:43	429.1	2785.8	2.82	721	264	119.2	2.02	181.9	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:00:03	429.5	2784.2	2.59	721	264	119.3	2.03	182.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:00:23	430.0	2782.5	2.52	720	264	119.3	2.02	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:00:43	430.8	2783.5	2.44	720	264	119.3	2.02	182.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:01:03	431.1	2782.7	2.39	720	264	119.3	2.01	184.1	

Group 400 14:02:03	1AI1540 430.9	1BM1P10 2782.4	1FD3C03 2.64	1D0298 720	1JSTT34 264	1JSTT39 119.5	1JSPD46A 2.04	1BBSTFAN 182.0	?
Group 400 14:02:22	1AI1540 430.5	1BM1P10 2786.0	1FD3C03 2.41	1D0298 720	1JSTT34 264	1JSTT39 119.5	1JSPD46A 0.00	1BBSTFAN 182.4	?
Group 400 14:02:43	1AI1540 429.4	1BM1P10 2785.2	1FD3C03 2.41	1D0298 720	1JSTT34 264	1JSTT39 119.6	1JSPD46A 0.00	1BBSTFAN 182.8	?
Group 400 14:03:03	1AI1540 429.0	1BM1P10 2784.7	1FD3C03 2.62	1D0298 720	1JSTT34 264	1JSTT39 119.5	1JSPD46A 0.00	1BBSTFAN 182.7	?
Group 400 14:03:23	1AI1540 428.4	1BM1P10 2779.7	1FD3C03 2.68	1D0298 720	1JSTT34 264	1JSTT39 119.6	1JSPD46A 0.00	1BBSTFAN 182.6	?
Group 400 14:03:43	1AI1540 428.3	1BM1P10 2780.1	1FD3C03 2.66	1D0298 720	1JSTT34 264	1JSTT39 119.6	1JSPD46A 0.00	1BBSTFAN 182.6	?
Group 400 14:04:03	1AI1540 429.0	1BM1P10 2782.3	1FD3C03 2.48	1D0298 720	1JSTT34 264	1JSTT39 119.6	1JSPD46A 2.03	1BBSTFAN 182.6	?
Group 400 14:04:23	1AI1540 429.1	1BM1P10 2782.5	1FD3C03 2.38	1D0298 720	1JSTT34 263	1JSTT39 119.6	1JSPD46A 2.02	1BBSTFAN 182.4	?
Group 400 14:04:43	1AI1540 430.5	1BM1P10 2764.0	1FD3C03 2.00	1D0298 720	1JSTT34 263	1JSTT39 119.6	1JSPD46A 2.02	1BBSTFAN 183.2	?
Group 400 14:05:03	1AI1540 431.5	1BM1P10 2788.3	1FD3C03 1.97	1D0298 720	1JSTT34 263	1JSTT39 119.6	1JSPD46A 2.01	1BBSTFAN 181.5	?
Group 400 14:05:23	1AI1540 433.0	1BM1P10 2791.5	1FD3C03 2.02	1D0298 721	1JSTT34 263	1JSTT39 119.6	1JSPD46A 2.01	1BBSTFAN 182.3	?
Group 400 14:05:43	1AI1540 433.7	1BM1P10 2792.0	1FD3C03 2.17	1D0298 721	1JSTT34 263	1JSTT39 119.6	1JSPD46A 2.02	1BBSTFAN 183.3	?
Group 400 14:06:03	1AI1540 433.8	1BM1P10 2790.2	1FD3C03 2.40	1D0298 721	1JSTT34 263	1JSTT39 119.6	1JSPD46A 2.01	1BBSTFAN 182.3	?
Group 400 14:06:23	1AI1540 432.3	1BM1P10 2783.6	1FD3C03 2.67	1D0298 721	1JSTT34 263	1JSTT39 119.7	1JSPD46A 2.00	1BBSTFAN 183.0	?
Group 400 14:06:43	1AI1540 431.8	1BM1P10 2786.3	1FD3C03 2.89	1D0298 720	1JSTT34 263	1JSTT39 119.7	1JSPD46A 1.97	1BBSTFAN 183.3	?
Group 400 14:07:03	1AI1540 431.4	1BM1P10 2783.6	1FD3C03 2.86	1D0298 720	1JSTT34 263	1JSTT39 119.8	1JSPD46A 1.95	1BBSTFAN 182.1	?
Group 400 14:07:23	1AI1540 429.6	1BM1P10 2777.9	1FD3C03 2.75	1D0298 720	1JSTT34 263	1JSTT39 119.8	1JSPD46A 1.94	1BBSTFAN 183.4	?
Group 400 14:07:43	1AI1540 429.3	1BM1P10 2781.4	1FD3C03 2.59	1D0298 719	1JSTT34 263	1JSTT39 119.8	1JSPD46A 1.95	1BBSTFAN 183.3	?
Group 400 14:08:03	1AI1540 429.1	1BM1P10 2782.0	1FD3C03 2.34	1D0298 719	1JSTT34 263	1JSTT39 119.9	1JSPD46A 1.96	1BBSTFAN 181.9	?
Group 400 14:08:23	1AI1540 429.7	1BM1P10 2784.7	1FD3C03 2.38	1D0298 719	1JSTT34 263	1JSTT39 120.0	1JSPD46A 1.98	1BBSTFAN 183.5	?
Group 400 14:08:43	1AI1540 430.0	1BM1P10 2785.8	1FD3C03 2.18	1D0298 719	1JSTT34 263	1JSTT39 120.0	1JSPD46A 1.99	1BBSTFAN 182.8	?
Group 400 14:09:03	1AI1540 430.0	1BM1P10 2789.1	1FD3C03 2.37	1D0298 719	1JSTT34 263	1JSTT39 120.1	1JSPD46A 2.00	1BBSTFAN 183.3	?
Group 400 14:09:23	1AI1540 430.8	1BM1P10 2792.5	1FD3C03 2.34	1D0298 719	1JSTT34 263	1JSTT39 120.2	1JSPD46A 2.00	1BBSTFAN 182.0	?
Group 400 14:09:43	1AI1540 430.9	1BM1P10 2793.2	1FD3C03 2.39	1D0298 719	1JSTT34 262	1JSTT39 120.3	1JSPD46A 2.01	1BBSTFAN 183.0	?
Group 400 14:10:03	1AI1540 430.9	1BM1P10 2788.4	1FD3C03 2.43	1D0298 719	1JSTT34 262	1JSTT39 120.3	1JSPD46A 2.01	1BBSTFAN 183.3	?
Group 400 14:10:23	1AI1540 430.4	1BM1P10 2786.0	1FD3C03 2.60	1D0298 718	1JSTT34 262	1JSTT39 120.4	1JSPD46A 2.01	1BBSTFAN 183.1	?
Group 400 14:10:43	1AI1540 430.4	1BM1P10 2786.7	1FD3C03 2.69	1D0298 718	1JSTT34 262	1JSTT39 120.5	1JSPD46A 2.01	1BBSTFAN 183.3	?
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:11:43	431.7	2790.5	2.07	718	262	120.7	2.02	182.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:12:03	431.1	2791.8	1.92	718	262	120.8	2.02	182.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:12:23	430.8	2790.0	1.90	718	262	120.9	2.01	183.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:12:43	429.0	2790.1	2.06	718	262	120.9	2.02	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:13:02	428.4	2790.3	2.27	717	261	121.0	2.02	183.2	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:13:23	428.7	2768.6	2.33	717	261	121.1	2.02	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:13:43	429.6	2787.2	2.23	717	261	121.2	2.03	183.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:14:03	430.8	2788.3	2.20	717	261	121.2	2.03	182.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:14:23	431.5	2787.5	2.12	717	261	121.3	2.01	184.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:14:43	431.9	2788.7	2.08	718	261	121.3	2.01	183.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:15:03	432.6	2786.3	1.92	718	261	121.4	2.01	182.7	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:15:23	431.9	2785.2	2.05	718	261	121.4	2.02	184.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:15:43	430.9	2787.2	2.24	718	261	121.5	2.03	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:16:03	429.9	2783.3	2.33	717	261	121.6	2.02	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:16:23	429.3	2780.3	2.30	717	261	121.6	2.04	182.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:16:42	428.3	2779.8	2.21	717	262	121.6	2.03	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:17:02	427.7	2777.6	2.21	717	262	121.7	2.02	182.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:17:22	426.7	2774.2	2.36	717	262	121.7	2.03	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:17:42	426.0	2776.3	2.41	717	262	121.7	2.03	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:18:03	426.7	2779.4	2.27	717	262	121.8	2.05	182.8	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:18:23	428.2	2782.1	1.79	717	262	121.8	2.04	183.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:18:43	428.8	2783.4	1.48	717	262	121.8	2.05	182.5	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:19:03	429.1	2782.0	1.88	718	262	121.8	2.05	181.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:19:23	429.7	2786.8	2.10	718	262	121.8	2.05	181.6	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:19:43	430.4	2787.9	1.99	718	262	121.9	2.05	183.1	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:20:03	430.6	2786.5	2.03	718	262	121.9	2.05	182.0	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:20:23	428.6	2779.9	2.39	718	262	121.9	2.05	184.3	
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
14:20:43	428.5	2776.2	2.63	718	262	121.9	2.06	182.6	

[illegible]	427.2	2771.8	2.76	717	263	121.9	2.04	182.8	
Group 400 14:21:43	1AI1540 427.0	1BM1P10 2770.4	1FD3C03 2.58	1D0298 717	1JSTT34 263	1JSTT39 121.8	1JSPD46A 2.04	1BBSTFAN 182.2	?
Group 400 14:22:03	1AI1540 428.0	1BM1P10 2755.1	1FD3C03 2.42	1D0298 717	1JSTT34 263	1JSTT39 121.5	1JSPD46A 2.04	1BBSTFAN 182.9	?
Group 400 14:22:23	1AI1540 427.9	1BM1P10 2773.6	1FD3C03 2.33	1D0298 718	1JSTT34 263	1JSTT39 121.0	1JSPD46A 0.00	1BBSTFAN 182.6	?
Group 400 14:22:43	1AI1540 428.4	1BM1P10 2776.5	1FD3C03 2.48	1D0298 718	1JSTT34 263	1JSTT39 120.6	1JSPD46A 0.00	1BBSTFAN 182.0	?
Group 400 14:23:03	1AI1540 428.4	1BM1P10 2775.7	1FD3C03 2.49	1D0298 718	1JSTT34 263	1JSTT39 120.1	1JSPD46A 0.00	1BBSTFAN 182.2	?
Group 400 14:23:23	1AI1540 428.4	1BM1P10 2781.5	1FD3C03 2.46	1D0298 718	1JSTT34 263	1JSTT39 119.6	1JSPD46A 0.00	1BBSTFAN 182.1	?
Group 400 14:23:43	1AI1540 428.3	1BM1P10 2781.9	1FD3C03 2.39	1D0298 719	1JSTT34 264	1JSTT39 119.9	1JSPD46A 0.00	1BBSTFAN 182.4	?
Group 400 14:24:03	1AI1540 428.2	1BM1P10 2779.0	1FD3C03 2.51	1D0298 719	1JSTT34 264	1JSTT39 120.3	1JSPD46A 2.03	1BBSTFAN 182.5	?
Group 400 14:24:23	1AI1540 429.0	1BM1P10 2777.5	1FD3C03 2.64	1D0298 719	1JSTT34 264	1JSTT39 120.7	1JSPD46A 2.03	1BBSTFAN 181.4	?
Group 400 14:24:43	1AI1540 429.0	1BM1P10 2780.9	1FD3C03 2.64	1D0298 719	1JSTT34 264	1JSTT39 120.9	1JSPD46A 2.02	1BBSTFAN 183.0	?
Group 400 14:25:03	1AI1540 430.0	1BM1P10 2781.7	1FD3C03 2.62	1D0298 719	1JSTT34 264	1JSTT39 121.1	1JSPD46A 2.03	1BBSTFAN 180.9	?
Group 400 14:25:23	1AI1540 430.7	1BM1P10 2780.1	1FD3C03 2.54	1D0298 719	1JSTT34 264	1JSTT39 121.2	1JSPD46A 2.03	1BBSTFAN 181.1	?
Group 400 14:25:43	1AI1540 431.1	1BM1P10 2782.7	1FD3C03 2.45	1D0298 719	1JSTT34 264	1JSTT39 121.2	1JSPD46A 2.03	1BBSTFAN 182.8	?
Group 400 14:26:03	1AI1540 431.4	1BM1P10 2780.6	1FD3C03 2.48	1D0298 719	1JSTT34 264	1JSTT39 121.3	1JSPD46A 2.02	1BBSTFAN 181.3	?
Group 400 14:26:23	1AI1540 431.6	1BM1P10 2785.4	1FD3C03 2.54	1D0298 720	1JSTT34 265	1JSTT39 121.3	1JSPD46A 2.02	1BBSTFAN 181.8	?
Group 400 14:26:43	1AI1540 432.0	1BM1P10 2784.5	1FD3C03 2.59	1D0298 720	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.98	1BBSTFAN 181.4	?
Group 400 14:27:03	1AI1540 431.4	1BM1P10 2784.2	1FD3C03 2.63	1D0298 720	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 182.2	?
Group 400 14:27:23	1AI1540 429.8	1BM1P10 2782.5	1FD3C03 2.73	1D0298 720	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.91	1BBSTFAN 181.7	?
Group 400 14:27:43	1AI1540 430.2	1BM1P10 2785.8	1FD3C03 2.68	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.93	1BBSTFAN 181.7	?
Group 400 14:28:03	1AI1540 431.2	1BM1P10 2788.8	1FD3C03 2.45	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 181.8	?
Group 400 14:28:23	1AI1540 431.7	1BM1P10 2788.7	1FD3C03 2.44	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 183.1	?
Group 400 14:28:43	1AI1540 431.6	1BM1P10 2782.9	1FD3C03 2.54	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 183.4	?
Group 400 14:29:03	1AI1540 432.2	1BM1P10 2787.7	1FD3C03 2.63	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 182.9	?
Group 400 14:29:23	1AI1540 432.2	1BM1P10 2782.4	1FD3C03 2.59	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 182.0	?
Group 400 14:29:43	1AI1540 431.7	1BM1P10 2781.4	1FD3C03 2.72	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.95	1BBSTFAN 180.9	?
Group 400 14:30:03	1AI1540 431.0	1BM1P10 2784.0	1FD3C03 2.81	1D0298 721	1JSTT34 265	1JSTT39 121.4	1JSPD46A 1.95	1BBSTFAN 182.9	?
Group 400 14:30:23	1AI1540 431.4	1BM1P10 2779.7	1FD3C03 2.60	1D0298 721	1JSTT34 265	1JSTT39 121.3	1JSPD46A 1.93	1BBSTFAN 182.5	?
Group 400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	

14:31:03	432.0	2783.2	2.72	721	265	121.3	[illegible]	[illegible]	[illegible]
Group 400 14:31:23	1AI1540 431.3	1BM1P10 2785.5	1FD3C03 2.65	1D0298 721	1JSTT34 265	1JSTT39 121.3	1JSPD46A 1.97	1BBSTFAN 182.0	?
Group 400 14:31:43	1AI1540 430.7	1BM1P10 2786.1	1FD3C03 2.64	1D0298 721	1JSTT34 264	1JSTT39 121.3	1JSPD46A 1.98	1BBSTFAN 182.7	?
Group 400 14:32:03	1AI1540 431.6	1BM1P10 2788.3	1FD3C03 2.49	1D0298 721	1JSTT34 264	1JSTT39 121.3	1JSPD46A 1.96	1BBSTFAN 182.3	?
Group 400 14:32:23	1AI1540 431.7	1BM1P10 2792.9	1FD3C03 2.44	1D0298 721	1JSTT34 264	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 182.9	?
Group 400 14:32:43	1AI1540 432.0	1BM1P10 2790.0	1FD3C03 2.54	1D0298 721	1JSTT34 264	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 182.5	?
Group 400 14:33:03	1AI1540 431.1	1BM1P10 2790.0	1FD3C03 2.58	1D0298 721	1JSTT34 264	1JSTT39 121.3	1JSPD46A 1.93	1BBSTFAN 182.6	?
Group 400 14:33:22	1AI1540 431.0	1BM1P10 2783.6	1FD3C03 2.79	1D0298 720	1JSTT34 264	1JSTT39 121.3	1JSPD46A 1.93	1BBSTFAN 181.2	?
Group 400 14:33:43	1AI1540 430.1	1BM1P10 2780.5	1FD3C03 2.83	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.93	1BBSTFAN 181.9	?
Group 400 14:34:03	1AI1540 430.5	1BM1P10 2781.8	1FD3C03 2.77	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.93	1BBSTFAN 182.0	?
Group 400 14:34:23	1AI1540 431.0	1BM1P10 2783.0	1FD3C03 2.61	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 181.9	?
Group 400 14:34:42	1AI1540 431.1	1BM1P10 2778.0	1FD3C03 2.47	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.92	1BBSTFAN 182.8	?
Group 400 14:35:03	1AI1540 430.9	1BM1P10 2781.4	1FD3C03 2.37	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.91	1BBSTFAN 182.3	?
Group 400 14:35:23	1AI1540 430.7	1BM1P10 2782.9	1FD3C03 2.36	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.90	1BBSTFAN 182.0	?
Group 400 14:35:43	1AI1540 430.4	1BM1P10 2779.8	1FD3C03 2.47	1D0298 720	1JSTT34 264	1JSTT39 121.4	1JSPD46A 1.91	1BBSTFAN 182.4	?
Group 400 14:36:03	1AI1540 431.1	1BM1P10 2785.9	1FD3C03 2.45	1D0298 720	1JSTT34 263	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 182.9	?
Group 400 14:36:23	1AI1540 431.4	1BM1P10 2784.8	1FD3C03 2.28	1D0298 720	1JSTT34 263	1JSTT39 121.4	1JSPD46A 1.97	1BBSTFAN 182.2	?
Group 400 14:36:43	1AI1540 432.1	1BM1P10 2786.2	1FD3C03 2.33	1D0298 720	1JSTT34 263	1JSTT39 121.4	1JSPD46A 1.97	1BBSTFAN 183.0	?
Group 400 14:37:03	1AI1540 432.9	1BM1P10 2784.1	1FD3C03 2.26	1D0298 720	1JSTT34 263	1JSTT39 121.4	1JSPD46A 1.96	1BBSTFAN 182.4	?
Group 400 14:37:23	1AI1540 433.2	1BM1P10 2785.9	1FD3C03 2.16	1D0298 720	1JSTT34 263	1JSTT39 121.4	1JSPD46A 1.95	1BBSTFAN 183.1	?
Group 400 14:37:43	1AI1540 432.6	1BM1P10 2785.1	1FD3C03 2.29	1D0298 720	1JSTT34 263	1JSTT39 121.4	1JSPD46A 1.94	1BBSTFAN 182.5	?
Group 400 14:38:03	1AI1540 433.3	1BM1P10 2787.7	1FD3C03 2.40	1D0298 720	1JSTT34 263	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 182.0	?
Group 400 14:38:23	1AI1540 433.2	1BM1P10 2788.7	1FD3C03 2.24	1D0298 720	1JSTT34 263	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 182.6	?
Group 400 14:38:43	1AI1540 432.7	1BM1P10 2784.3	1FD3C03 2.23	1D0298 719	1JSTT34 263	1JSTT39 121.3	1JSPD46A 1.93	1BBSTFAN 182.8	?
Group 400 14:39:03	1AI1540 432.1	1BM1P10 2764.8	1FD3C03 2.43	1D0298 719	1JSTT34 263	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 183.8	?
Group 400 14:39:23	1AI1540 431.2	1BM1P10 2779.0	1FD3C03 2.77	1D0298 719	1JSTT34 263	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 184.2	?
Group 400 14:39:43	1AI1540 430.3	1BM1P10 2775.6	1FD3C03 2.68	1D0298 719	1JSTT34 263	1JSTT39 121.3	1JSPD46A 1.94	1BBSTFAN 182.8	?
Group 400 14:40:03	1AI1540 429.9	1BM1P10 2777.6	1FD3C03 2.53	1D0298 718	1JSTT34 262	1JSTT39 121.2	1JSPD46A 1.94	1BBSTFAN 182.9	?
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	?

[illegible]	[illegible]	2777.2	2.07	718	262	121.2	1.93	181.9	
Group 400 14:41:23	1AI1540 430.1	1BM1P10 2782.4	1FD3C03 2.00	1D0298 718	1JSTT34 262	1JSTT39 121.2	1JSPD46A 1.96	1BBSTFAN 182.1	?
Group 400 14:41:43	1AI1540 430.0	1BM1P10 2785.4	1FD3C03 1.79	1D0298 718	1JSTT34 262	1JSTT39 121.1	1JSPD46A 1.99	1BBSTFAN 183.2	?
Group 400 14:42:03	1AI1540 430.2	1BM1P10 2779.7	1FD3C03 1.86	1D0298 718	1JSTT34 262	1JSTT39 121.1	1JSPD46A 1.96	1BBSTFAN 182.9	?
Group 400 14:42:23	1AI1540 430.1	1BM1P10 2785.0	1FD3C03 2.14	1D0298 718	1JSTT34 262	1JSTT39 121.1	1JSPD46A 0.00	1BBSTFAN 183.1	?
Group 400 14:42:43	1AI1540 431.1	1BM1P10 2784.6	1FD3C03 2.12	1D0298 718	1JSTT34 262	1JSTT39 121.1	1JSPD46A 0.00	1BBSTFAN 183.2	?
Group 400 14:43:02	1AI1540 430.9	1BM1P10 2780.2	1FD3C03 2.12	1D0298 718	1JSTT34 262	1JSTT39 121.0	1JSPD46A 0.00	1BBSTFAN 183.9	?
Group 400 14:43:23	1AI1540 430.9	1BM1P10 2779.4	1FD3C03 2.31	1D0298 718	1JSTT34 262	1JSTT39 121.0	1JSPD46A 0.00	1BBSTFAN 184.2	?
Group 400 14:43:42	1AI1540 431.4	1BM1P10 2782.8	1FD3C03 2.18	1D0298 718	1JSTT34 262	1JSTT39 121.0	1JSPD46A 0.00	1BBSTFAN 183.4	?
Group 400 14:44:03	1AI1540 431.5	1BM1P10 2780.3	1FD3C03 1.86	1D0298 718	1JSTT34 261	1JSTT39 121.0	1JSPD46A 1.92	1BBSTFAN 184.1	?
Group 400 14:44:22	1AI1540 431.2	1BM1P10 2783.7	1FD3C03 1.83	1D0298 718	1JSTT34 261	1JSTT39 120.9	1JSPD46A 1.91	1BBSTFAN 182.5	?
Group 400 14:44:43	1AI1540 430.4	1BM1P10 2783.7	1FD3C03 1.95	1D0298 718	1JSTT34 261	1JSTT39 120.9	1JSPD46A 1.90	1BBSTFAN 183.4	?
Group 400 14:45:03	1AI1540 430.8	1BM1P10 2781.7	1FD3C03 2.11	1D0298 718	1JSTT34 261	1JSTT39 120.9	1JSPD46A 1.89	1BBSTFAN 183.4	?
Group 400 14:45:23	1AI1540 429.3	1BM1P10 2777.7	1FD3C03 2.19	1D0298 718	1JSTT34 261	1JSTT39 120.9	1JSPD46A 1.88	1BBSTFAN 184.6	?
Group 400 14:45:43	1AI1540 429.4	1BM1P10 2784.6	1FD3C03 2.23	1D0298 718	1JSTT34 261	1JSTT39 120.8	1JSPD46A 1.86	1BBSTFAN 183.5	?
Group 400 14:46:03	1AI1540 429.5	1BM1P10 2782.1	1FD3C03 2.23	1D0298 718	1JSTT34 261	1JSTT39 120.8	1JSPD46A 1.87	1BBSTFAN 182.8	?
Group 400 14:46:23	1AI1540 429.7	1BM1P10 2781.2	1FD3C03 2.16	1D0298 717	1JSTT34 261	1JSTT39 120.7	1JSPD46A 1.88	1BBSTFAN 182.6	?
Group 400 14:46:43	1AI1540 430.3	1BM1P10 2785.7	1FD3C03 1.70	1D0298 717	1JSTT34 261	1JSTT39 120.7	1JSPD46A 1.86	1BBSTFAN 182.9	?
Group 400 14:47:03	1AI1540 431.5	1BM1P10 2790.5	1FD3C03 1.63	1D0298 718	1JSTT34 261	1JSTT39 120.7	1JSPD46A 1.87	1BBSTFAN 182.2	?
Group 400 14:47:23	1AI1540 430.8	1BM1P10 2784.5	1FD3C03 1.84	1D0298 718	1JSTT34 261	1JSTT39 120.7	1JSPD46A 1.87	1BBSTFAN 184.1	?
Group 400 14:47:43	1AI1540 431.1	1BM1P10 2766.4	1FD3C03 2.30	1D0298 718	1JSTT34 261	1JSTT39 120.7	1JSPD46A 1.90	1BBSTFAN 182.6	?
Group 400 14:48:03	1AI1540 431.0	1BM1P10 2782.7	1FD3C03 2.35	1D0298 718	1JSTT34 261	1JSTT39 120.6	1JSPD46A 1.91	1BBSTFAN 183.4	?
Group 400 14:48:23	1AI1540 430.0	1BM1P10 2779.2	1FD3C03 2.36	1D0298 718	1JSTT34 261	1JSTT39 120.6	1JSPD46A 1.91	1BBSTFAN 182.5	?
Group 400 14:48:43	1AI1540 429.2	1BM1P10 2773.8	1FD3C03 2.62	1D0298 717	1JSTT34 261	1JSTT39 120.5	1JSPD46A 1.92	1BBSTFAN 182.4	?
Group 400 14:49:03	1AI1540 428.5	1BM1P10 2775.6	1FD3C03 2.64	1D0298 717	1JSTT34 261	1JSTT39 120.5	1JSPD46A 1.92	1BBSTFAN 182.8	?
Group 400 14:49:23	1AI1540 429.0	1BM1P10 2775.9	1FD3C03 2.50	1D0298 717	1JSTT34 261	1JSTT39 120.4	1JSPD46A 1.94	1BBSTFAN 182.2	?
Group 400 14:49:43	1AI1540 428.9	1BM1P10 2773.8	1FD3C03 2.00	1D0298 717	1JSTT34 262	1JSTT39 120.4	1JSPD46A 1.97	1BBSTFAN 182.7	?
Group 400 14:50:03	1AI1540 429.0	1BM1P10 2781.0	1FD3C03 1.95	1D0298 717	1JSTT34 262	1JSTT39 120.4	1JSPD46A 1.99	1BBSTFAN 183.1	?

14:50:43	428.6	2779.5	2.28	717	262	120.3	2.00	182.9	?
Group 400 14:51:03	1AI1540 428.3	1BM1P10 2781.3	1FD3C03 2.51	1D0298 717	1JSTT34 262	1JSTT39 120.3	1JSPD46A 2.00	1BBSTFAN 182.8	?
Group 400 14:51:23	1AI1540 427.8	1BM1P10 2779.7	1FD3C03 2.54	1D0298 717	1JSTT34 262	1JSTT39 120.3	1JSPD46A 2.00	1BBSTFAN 182.1	?
Group 400 14:51:43	1AI1540 428.2	1BM1P10 2780.6	1FD3C03 2.54	1D0298 717	1JSTT34 263	1JSTT39 120.3	1JSPD46A 2.01	1BBSTFAN 182.3	?
Group 400 14:52:03	1AI1540 428.3	1BM1P10 2777.6	1FD3C03 2.46	1D0298 717	1JSTT34 263	1JSTT39 119.8	1JSPD46A 1.98	1BBSTFAN 182.4	?
Group 400 14:52:23	1AI1540 428.1	1BM1P10 2776.8	1FD3C03 2.50	1D0298 716	1JSTT34 263	1JSTT39 119.4	1JSPD46A 1.97	1BBSTFAN 182.7	?
Group 400 14:52:43	1AI1540 427.7	1BM1P10 2772.0	1FD3C03 2.55	1D0298 716	1JSTT34 263	1JSTT39 119.2	1JSPD46A 1.96	1BBSTFAN 183.4	?
Group 400 14:53:03	1AI1540 427.6	1BM1P10 2769.8	1FD3C03 2.61	1D0298 716	1JSTT34 263	1JSTT39 118.6	1JSPD46A 1.94	1BBSTFAN 182.1	?
Group 400 14:53:23	1AI1540 428.6	1BM1P10 2772.7	1FD3C03 2.58	1D0298 716	1JSTT34 264	1JSTT39 118.0	1JSPD46A 1.92	1BBSTFAN 182.5	?
Group 400 14:53:43	1AI1540 429.3	1BM1P10 2774.4	1FD3C03 2.32	1D0298 717	1JSTT34 264	1JSTT39 117.7	1JSPD46A 1.91	1BBSTFAN 182.0	?
Group 400 14:54:03	1AI1540 429.3	1BM1P10 2776.3	1FD3C03 2.33	1D0298 717	1JSTT34 264	1JSTT39 118.2	1JSPD46A 1.90	1BBSTFAN 183.0	?
Group 400 14:54:23	1AI1540 429.0	1BM1P10 2778.2	1FD3C03 2.40	1D0298 718	1JSTT34 264	1JSTT39 118.6	1JSPD46A 1.90	1BBSTFAN 181.8	?
Group 400 14:54:43	1AI1540 428.7	1BM1P10 2776.3	1FD3C03 2.51	1D0298 718	1JSTT34 264	1JSTT39 118.9	1JSPD46A 1.88	1BBSTFAN 181.7	?
Group 400 14:55:03	1AI1540 428.4	1BM1P10 2776.2	1FD3C03 2.74	1D0298 718	1JSTT34 264	1JSTT39 119.1	1JSPD46A 1.86	1BBSTFAN 181.4	?
Group 400 14:55:23	1AI1540 429.5	1BM1P10 2783.6	1FD3C03 2.67	1D0298 718	1JSTT34 265	1JSTT39 119.3	1JSPD46A 1.85	1BBSTFAN 182.6	?
Group 400 14:55:43	1AI1540 430.9	1BM1P10 2786.0	1FD3C03 2.49	1D0298 718	1JSTT34 265	1JSTT39 119.4	1JSPD46A 1.83	1BBSTFAN 182.9	?
Group 400 14:56:03	1AI1540 431.3	1BM1P10 2781.8	1FD3C03 2.46	1D0298 718	1JSTT34 265	1JSTT39 119.4	1JSPD46A 1.81	1BBSTFAN 181.4	?
Group 400 14:56:23	1AI1540 431.2	1BM1P10 2760.1	1FD3C03 2.63	1D0298 718	1JSTT34 265	1JSTT39 119.5	1JSPD46A 1.80	1BBSTFAN 181.4	?
Group 400 14:56:42	1AI1540 431.0	1BM1P10 2778.9	1FD3C03 2.77	1D0298 718	1JSTT34 265	1JSTT39 119.5	1JSPD46A 1.78	1BBSTFAN 182.1	?
Group 400 14:57:02	1AI1540 431.4	1BM1P10 2777.8	1FD3C03 2.71	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.78	1BBSTFAN 183.2	?
Group 400 14:57:22	1AI1540 430.6	1BM1P10 2776.4	1FD3C03 2.73	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.76	1BBSTFAN 182.8	?
Group 400 14:57:43	1AI1540 430.9	1BM1P10 2779.1	1FD3C03 2.43	1D0298 718	1JSTT34 265	1JSTT39 119.5	1JSPD46A 1.75	1BBSTFAN 182.1	?
Group 400 14:58:02	1AI1540 430.3	1BM1P10 2783.7	1FD3C03 2.20	1D0298 718	1JSTT34 265	1JSTT39 119.5	1JSPD46A 1.74	1BBSTFAN 181.7	?
Group 400 14:58:23	1AI1540 430.1	1BM1P10 2785.0	1FD3C03 2.18	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.72	1BBSTFAN 182.1	?
Group 400 14:58:42	1AI1540 429.2	1BM1P10 2779.8	1FD3C03 2.39	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.72	1BBSTFAN 181.4	?
Group 400 14:59:02	1AI1540 428.3	1BM1P10 2777.9	1FD3C03 2.66	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.72	1BBSTFAN 183.7	?
Group 400 14:59:23	1AI1540 428.2	1BM1P10 2777.6	1FD3C03 2.90	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.70	1BBSTFAN 182.2	?
Group 400 14:59:43	1AI1540 428.5	1BM1P10 2773.6	1FD3C03 2.83	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.69	1BBSTFAN 182.6	?

Group 400 15:00:42	1AI1540 432.2	1BM1P10 2775.7	1FD3C03 2.40	1D0298 718	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.67	1BBSTFAN 182.6	?
Group 400 15:01:02	1AI1540 431.9	1BM1P10 2781.3	1FD3C03 2.49	1D0298 719	1JSTT34 265	1JSTT39 119.6	1JSPD46A 1.66	1BBSTFAN 181.5	?
Group 400 15:01:23	1AI1540 431.9	1BM1P10 2783.2	1FD3C03 2.57	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 1.65	1BBSTFAN 182.5	?
Group 400 15:01:43	1AI1540 431.9	1BM1P10 2784.5	1FD3C03 2.69	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 1.64	1BBSTFAN 182.0	?
Group 400 15:02:03	1AI1540 430.3	1BM1P10 2780.2	1FD3C03 2.83	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 1.64	1BBSTFAN 182.9	?
Group 400 15:02:23	1AI1540 430.4	1BM1P10 2779.9	1FD3C03 2.88	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 0.00	1BBSTFAN 181.8	?
Group 400 15:02:43	1AI1540 430.0	1BM1P10 2779.8	1FD3C03 2.73	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 0.00	1BBSTFAN 182.3	?
Group 400 15:03:02	1AI1540 429.6	1BM1P10 2778.1	1FD3C03 2.66	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 0.00	1BBSTFAN 183.5	?
Group 400 15:03:23	1AI1540 430.0	1BM1P10 2778.4	1FD3C03 2.66	1D0298 719	1JSTT34 265	1JSTT39 119.7	1JSPD46A 0.00	1BBSTFAN 181.9	?
Group 400 15:03:43	1AI1540 430.2	1BM1P10 2776.4	1FD3C03 2.67	1D0298 718	1JSTT34 265	1JSTT39 119.7	1JSPD46A 0.00	1BBSTFAN 182.8	?
Group 400 15:04:03	1AI1540 430.7	1BM1P10 2775.7	1FD3C03 2.65	1D0298 718	1JSTT34 265	1JSTT39 119.7	1JSPD46A 1.57	1BBSTFAN 182.2	?
Group 400 15:04:23	1AI1540 431.3	1BM1P10 2774.3	1FD3C03 2.63	1D0298 718	1JSTT34 265	1JSTT39 119.7	1JSPD46A 1.56	1BBSTFAN 182.5	?
Group 400 15:04:43	1AI1540 431.0	1BM1P10 2775.5	1FD3C03 2.66	1D0298 718	1JSTT34 265	1JSTT39 119.7	1JSPD46A 1.54	1BBSTFAN 181.9	?
Group 400 15:05:03	1AI1540 432.3	1BM1P10 2759.2	1FD3C03 2.71	1D0298 718	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.54	1BBSTFAN 182.1	?
Group 400 15:05:23	1AI1540 432.6	1BM1P10 2779.7	1FD3C03 2.66	1D0298 719	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.52	1BBSTFAN 181.8	?
Group 400 15:05:43	1AI1540 432.2	1BM1P10 2783.7	1FD3C03 2.63	1D0298 719	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.52	1BBSTFAN 182.2	?
Group 400 15:06:03	1AI1540 431.9	1BM1P10 2785.9	1FD3C03 2.61	1D0298 719	1JSTT34 264	1JSTT39 119.6	1JSPD46A 1.52	1BBSTFAN 183.7	?
Group 400 15:06:23	1AI1540 431.9	1BM1P10 2786.6	1FD3C03 2.59	1D0298 718	1JSTT34 264	1JSTT39 119.6	1JSPD46A 1.51	1BBSTFAN 182.0	?
Group 400 15:06:43	1AI1540 431.0	1BM1P10 2781.0	1FD3C03 2.46	1D0298 718	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.48	1BBSTFAN 181.6	?
Group 400 15:07:03	1AI1540 429.4	1BM1P10 2777.4	1FD3C03 2.69	1D0298 718	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.46	1BBSTFAN 182.8	?
Group 400 15:07:23	1AI1540 428.7	1BM1P10 2778.2	1FD3C03 2.93	1D0298 717	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.45	1BBSTFAN 182.7	?
Group 400 15:07:43	1AI1540 428.6	1BM1P10 2775.4	1FD3C03 2.65	1D0298 717	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.46	1BBSTFAN 179.0	?
Group 400 15:08:03	1AI1540 428.8	1BM1P10 2775.8	1FD3C03 2.49	1D0298 717	1JSTT34 264	1JSTT39 119.7	1JSPD46A 1.47	1BBSTFAN 179.2	?
Group 400 15:08:23	1AI1540 429.0	1BM1P10 2778.0	1FD3C03 2.55	1D0298 717	1JSTT34 263	1JSTT39 119.7	1JSPD46A 1.47	1BBSTFAN 177.6	?
Group 400 15:08:43	1AI1540 429.8	1BM1P10 2777.9	1FD3C03 2.49	1D0298 717	1JSTT34 263	1JSTT39 119.7	1JSPD46A 1.46	1BBSTFAN 173.7	?
Group 400 15:09:03	1AI1540 430.5	1BM1P10 2776.3	1FD3C03 2.40	1D0298 717	1JSTT34 263	1JSTT39 119.7	1JSPD46A 1.46	1BBSTFAN 173.8	?
Group 400 15:09:23	1AI1540 431.5	1BM1P10 2781.0	1FD3C03 2.27	1D0298 717	1JSTT34 263	1JSTT39 119.7	1JSPD46A 1.45	1BBSTFAN 174.1	?
Group 400 15:09:43	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	?

400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
23	431.7	2785.8	2.27	718	262	119.7	1.44	170.0	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
43	431.4	2784.4	2.40	718	262	119.7	1.45	169.7	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
03	431.4	2785.3	2.46	718	262	119.7	1.45	168.9	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
23	430.8	2781.8	2.24	717	262	119.7	1.45	168.8	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
43	430.8	2777.6	2.32	717	262	119.7	1.45	168.0	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
03	431.1	2777.7	2.46	717	262	119.6	1.44	168.7	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
23	430.8	2774.8	2.41	717	261	119.6	1.44	164.4	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
43	431.2	2774.6	2.41	717	261	119.6	1.44	164.0	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
03	431.4	2777.4	2.30	717	261	119.6	1.45	163.9	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
23	431.0	2775.2	2.26	717	261	119.6	1.45	164.4	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
43	431.1	2756.7	2.28	717	261	119.6	1.45	164.4	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
03	430.9	2777.9	2.18	717	260	119.6	1.46	163.9	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
23	430.9	2781.7	2.45	717	260	119.6	1.46	164.0	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
43	430.6	2778.0	2.35	716	260	119.6	1.46	163.9	
400	1AI1540	1BM1P10	1FD3C03	1D0298	1JSTT34	1JSTT39	1JSPD46A	1BBSTFAN	7
03	429.9	2775.3	2.34	716	260	119.6	1.45	164.4	