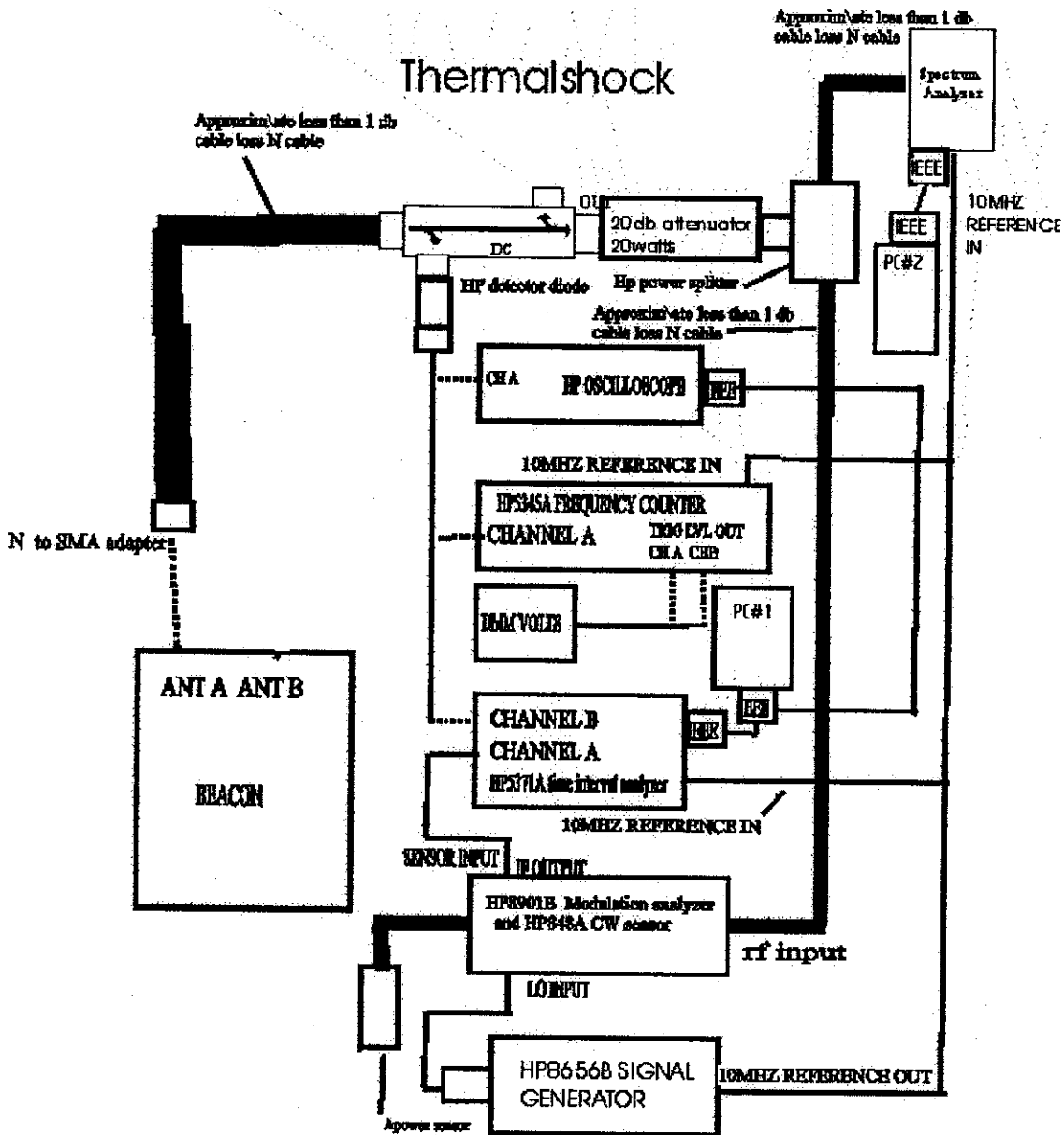


Attachment AK
Thermal Shock Test Results

DO204 Thermal Shock Test Method

Paragraph 2.3.2.4

- 1) OBTAIN dme DOC Y1-02-1053 and DO-204 documents FOR REFERENCE AND SET UP.
- 2) CONNECT EQUIPMENT UP AS INDICATED IN PARAGRAPH 3.1 of Y1-02-1053
- 3) Perform para. 3.1 through 3.10 of Y1-02-1053
- 4) Instead of connecting equipment as shown in figure 1A of Y1-02-1053, set up as shown here in this attachment appendix A called "Thermalshock" setup using a fresh battery in the beacon and placing the beacon in a cardboard box with open cover to allow the cover to be quickly closed when removed from chamber "A" and brought and just taken out of the box to go into chamber "B" for the most rapid thermal shock effect.
- 5) Set a fixed chamber "A" to -20 degree C and the secondary chamber "B" to +10 degree C as indicated by DO204 para 2.3.2.4.
- 6) Set up thermal data acquisition unit with separate PC to monitor chamber temperature and beacon temperature in chamber A but attach it to an UPS to allow movement to chamber B Program it for at least 30 second intervals but don't have it start acquiring data yet.
- 7) Initiate PC software called FREQUENCY4.EXE on PC#1 and insert 252 (3.5 hr*3600sec/50sec) for the data acquisition count. Set the **HP8656B** to **407.528 Mhz** at **0.0 dbm**. Set the **HP8901B** to frequency mode at **406.028 Mhz with range hold on**. Start running the software after the beacon has been on for more than 15 minutes.
- 8) Initiate data acquiring on the thermal data acquisition unit and execute the programmed temperatures for both chambers for an overnight soak of about 11 hours. The beacon and the box its held in is removed and carried over with thermal data acquisition unit and UPS and just taken out of the box to go into chamber "B" for the most rapid thermal shock effect. The beacon is just turned on at that point by a magnet pulled out after the Antenna A is connected to the test equipment. Note the transfer must be done fairly quickly.
- 9) After the 15 minute warm up, start the data collection on the FREQUENCY4.EXE program on PC#1 and the "burn_in_test_select2.vi" on PC#2 with the 121.5, 243 and 406 power level annunciation points turned on with a 14 minute interval and a thermal shock file name for the beacon in question.
- 10) Let the program continue for the 3.5 hours until it accumulated all of the "thermal shock data" for frequency and power. Then stop the thermal data acquisition unit, the "burn_in_test_select2.vi" and turn the beacon off (magnet back in)
- 11) Copy the "binarydata1.txt" through "binarydata252.txt" files to a working directory elsewhere on the hard drive. Copy the tr.exe file and hexid.exe to that directory too.
- 12) Go to the dos window and execute this string in the working directory as follows: "tr binarydata 252 18"
- 13) Copy and rename the resulting file "stability.txt" to "stability18.txt" (or equiv) and plot the **medium term residual, and medium slope** in Excel spreadsheet with the temperature data of the data acquisition unit PC for that same time interval. This will be the medium term thermal shock graphs.
- 14) Go to the dos window and execute this string in the working directory as follows: "tr binarydata 252 10"
- 15) Copy and rename the resulting file "stability.txt" to "stability10.txt" (or equiv) and plot the **frequency and short term**, in Excel spreadsheet with the temperature data of the data acquisition unit PC for that same time interval. This will be the frequency and short term thermal shock graphs.
- 16) Go to the dos window and execute this string in the working directory as follows: "hexid binarydata1.txt"
- 17) Copy and rename the resulting file "hexid.txt" to "binarydata1timezero.txt" (or equiv).
- 18) Do the same in paragraph 16 and 17 but with the binarydata # 36,72,108,144,180,216,252 renaming each time for every 30 minutes. Verify the Hex ID is correct for each.
- 19) Print out the "burn_in_test_select2.vi" output text file and check the 406 power exceeds 35 dbm for each 30 min interval.



Qualification Data Sheet

Date: 12/31/02	Test: TITELMAC SHOCK TEST
Test Unit Description	SRB-406 ELT, PN P3-03-0041-001, revision 05, Serial # 2007
Test Unit Configuration	Antenna "A" PN A3-06-2053-001 rev 02 SN N/A Antenna "B" PN A3-06-2053-001 rev 02 SN N/A Digital CCA PN A3-07-0038-800 rev 07 SN 0016 RF CCA PN A3-07-0039-800 rev 07 SN 0002 Battery pack A3-03-1006-001 rev 04 SN 020143 Lanyard PN A3-05-0099-001 rev 03.
Description of Test Method (ex: Eurocae ED-62, para x.x)	DO-204 2,3,2,4
Pass/Fail Criteria	DO-204. 2,3,2,4
Authorized Deviations	NONE
Test Location	DME ORLANDO
Purchase Order #	N/A
Test Equipment Arrangement (if necessary)	SEE ATTACHED DATA TEST METHOD SHEET
List of Calibrated Equipment	SEE ATTACHED DATA SHEETS
DME Test Engineer	KEN HEPP
DME QA Representative	KEN KOTYK
Lab Test Engineer/Technician	NONE
Other Witness	NONE
Test Unit Authorized Deviations	NONE
Test Data	SEE ATTACHED STABILITY GRAPHS ALL PASS KWH/MPH
Data Reduction/Calculations	SEE ATTACHED GRAPHS
Test Deviations	NONE
Test Performed Prior to this Test	POST VSWR
Next Test to be Performed	
Test Engineer Signature	K. HEPP
QA Signature	K. KOTYK
Other Witness Signature	N/A
NMR #	N/A
Notes	N/A

Thermal Shock

TEST EQUIPMENT LIST CALC SHEET

Robert

DO 204-2,3,24

NO ANTENNAS

12/31/02

BAF = 020143

0002

0016

TEST DATA SHEETS
RF BEACON ASSEMBLY
A3-07-1032

SPECTRUM ANALYZER OFFSET DETERMINATION AND PRETEST					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
3.3	HP8656 setting for 121.5MHZ	-0.5	+0.3 dBm	+0.5	P F
3.4	HP8656 setting for 243 MHz	-0.5	+0.3 dBm	+0.5	P F
3.5	HP8656 setting for 406.028 MHZ	-0.5	+0.3 dBm	+0.5	P F

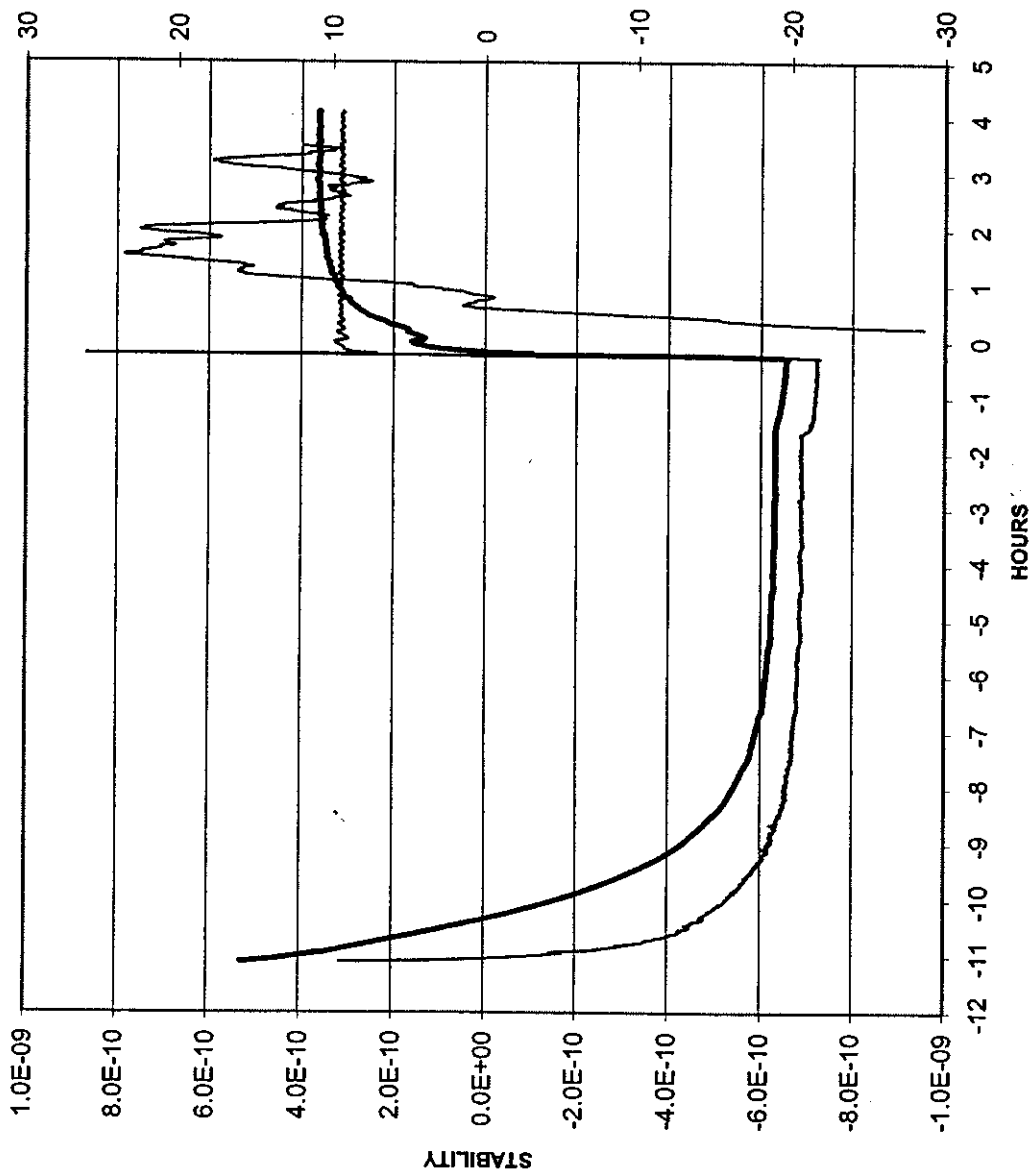
RF beacon 121.5/243 Mhz Tests

Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.1.1	Peak Power at 121.5 MHz	17.0dBm	_____ dBm	N/A	P F
	UUT current during 121.5/243 Mhz broadcast	N/A	_____ mA	100mA	P F
4.1.2	Frequency 121.5 MHz $\pm$ 6 kHz	121.494	_____ MHz	121.506	P F
4.1.3	121.5 MHz Bandwidth $\geq$ +12.5 kHz	N/A	_____ dBc	-25dBc	P F
	121.5 MHz Bandwidth $\leq$ -12.5 kHz	N/A	_____ dBc	-25dBc	P F
	121.5 MHz Bandwidth $\geq$ +25 kHz	N/A	_____ dBc	-30dBc	P F
	121.5 MHz Bandwidth $\leq$ -25 kHz	N/A	_____ dBc	-30dBc	P F
4.1.4	Peak Power at 243 MHz	17.0dBm	_____ dBm	N/A	P F
4.1.5	Frequency 243 MHz $\pm$ 12 kHz	242.988	_____ MHz	243.012	P F
4.1.6	243 MHz Bandwidth $\geq$ +12.5 kHz	N/A	_____ dBc	-25dBc	P F
	243 MHz Bandwidth $\leq$ -12.5 kHz	N/A	_____ dBc	-25dBc	P F
	243 MHz Bandwidth $\geq$ +25 kHz	N/A	_____ dBc	-30dBc	P F
	243 MHz Bandwidth $\leq$ -25 kHz	N/A	_____ dBc	-30dBc	P F
4.1.7	121.5 Mhz Modulation depth	N/A	_____ dBc	-22dBc	P F
4.1.8	364.5 MHz harmonic	N/A	_____ dBc	-30dBc	P F
	486 MHz harmonic	N/A	_____ dBc	-30dBc	P F
4.1.9	121.5 /243 Mhz Duty cycle	45%	_____ %	67%	P F

N/A

NO DATA TAKEN
HERE

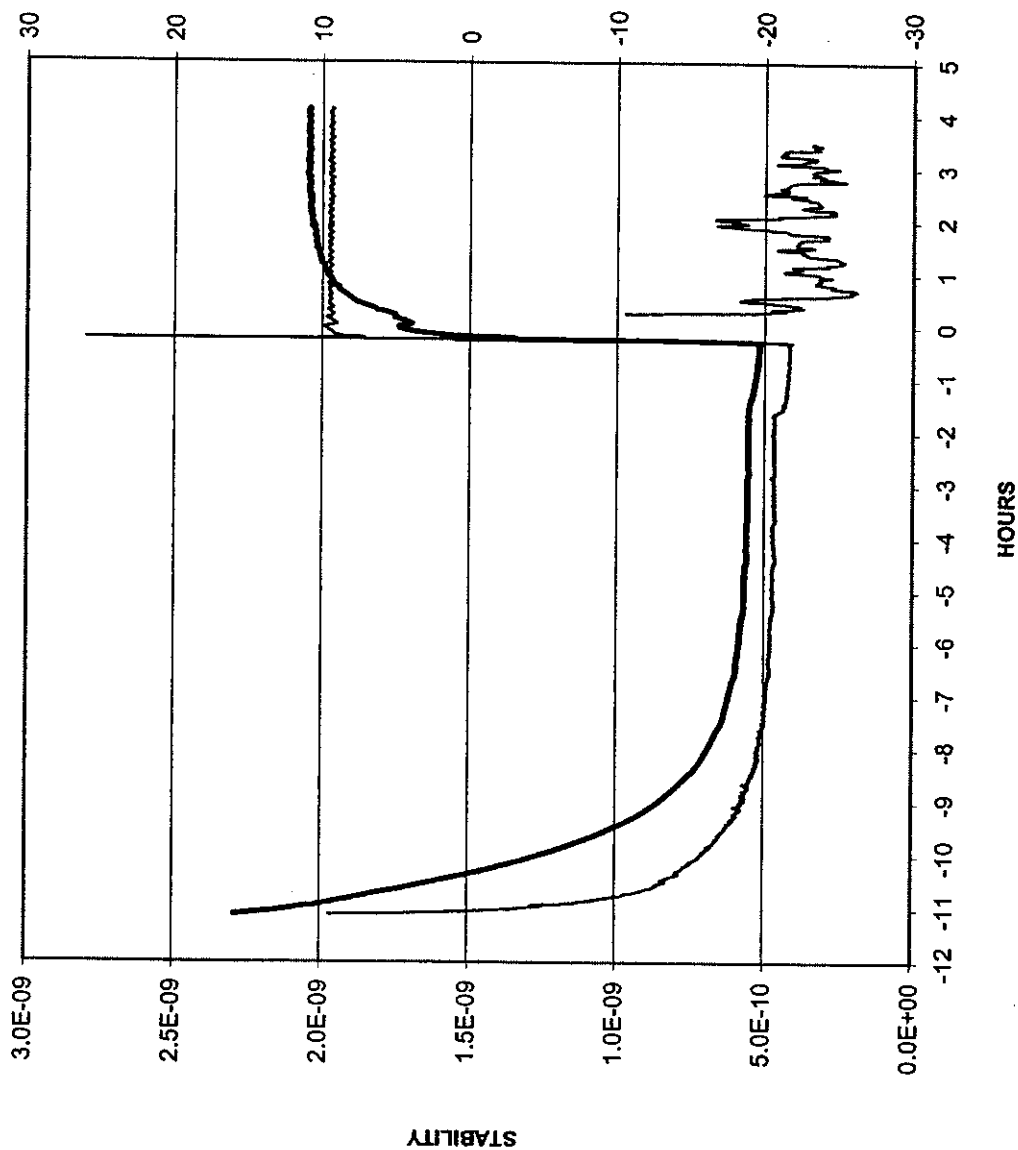
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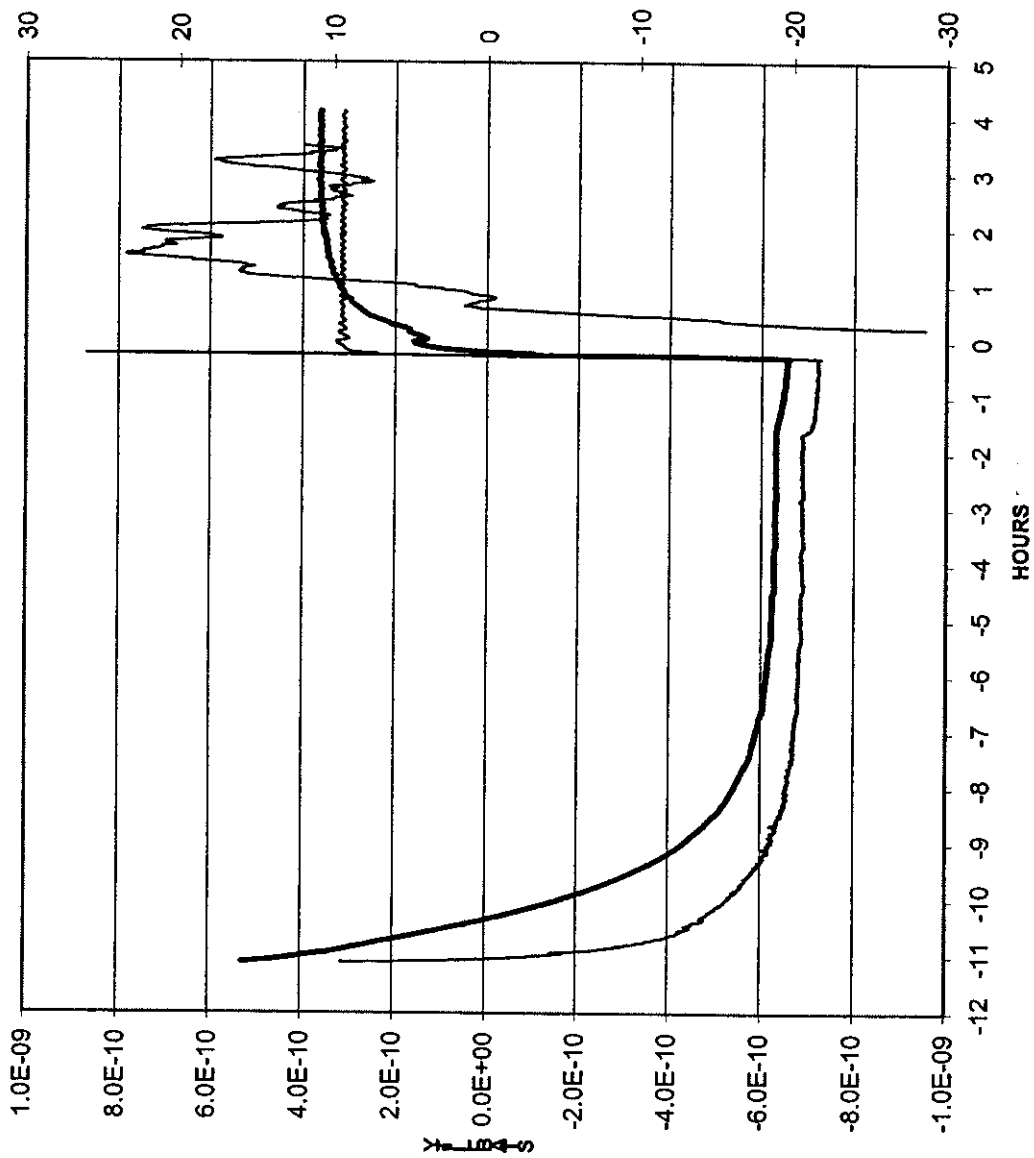
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Kut H. H. H. H. H.



SN2007 THERMALSHOCK MEDIUM TERM RESIDUAL



SN2007 THERMALSHOCK MEDIUM TERM SLOPE



12/31/02

WAT PERRY

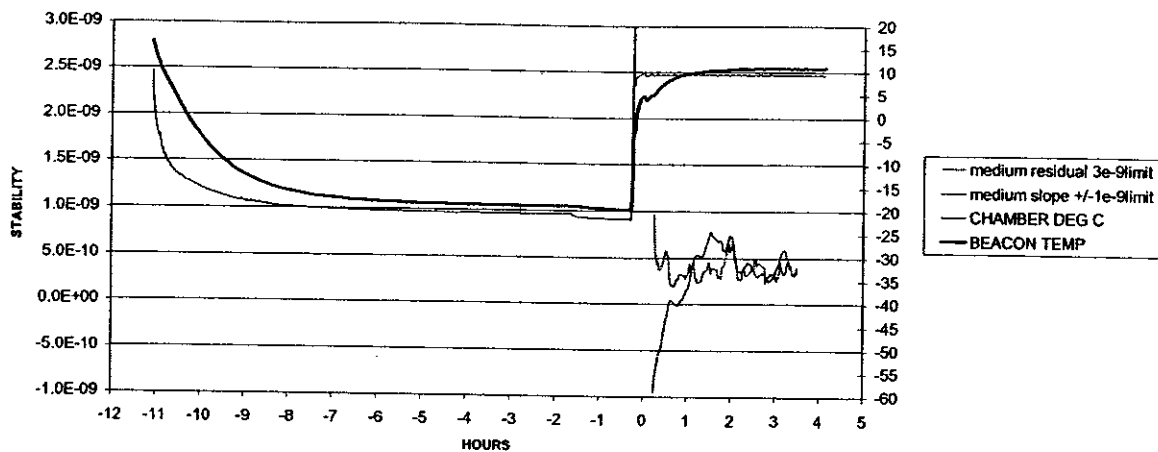


ORL
SOOT
DME

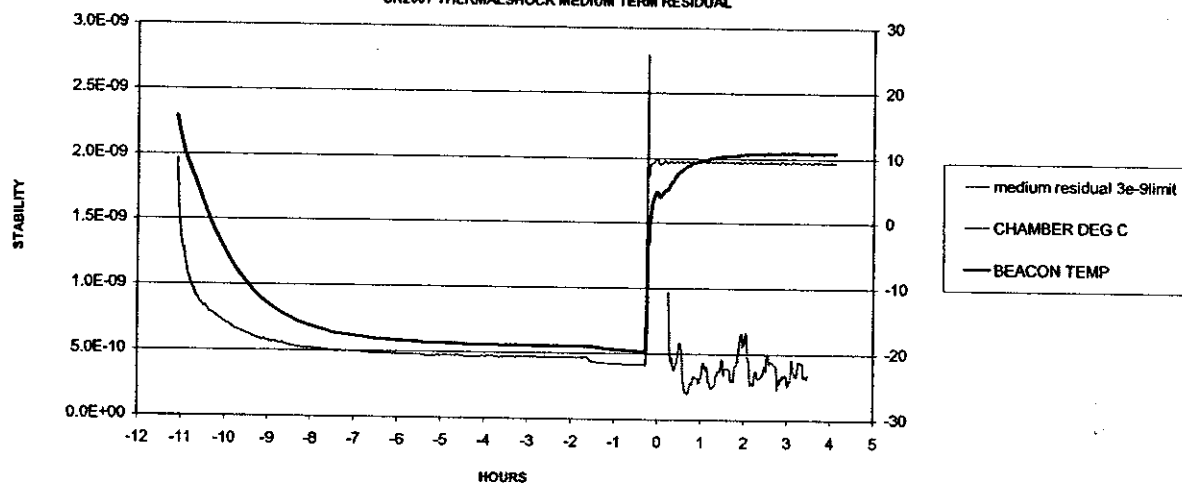
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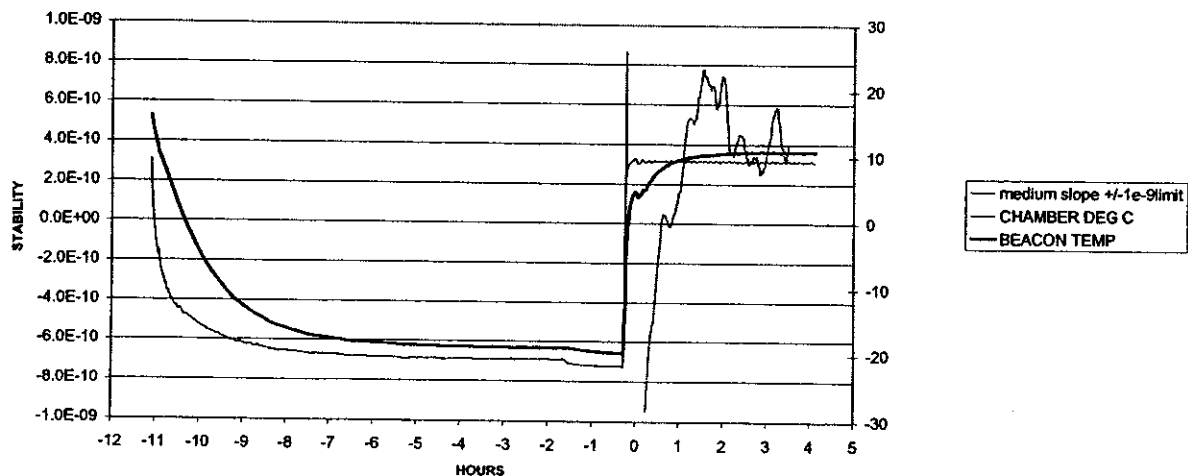
SN2007 THERMALSHOCK MEDIUM TERM GRADIENT GROUP



SN2007 THERMALSHOCK MEDIUM TERM RESIDUAL



SN2007 THERMALSHOCK MEDIUM TERM SLOPE



THERMALSHOCKMEDIUMTERM

TIMESEC	TIMEHR	Freq	Short	Medium	Mean_Slope	101(Time stamp)	101(Second hours)	101(C)	102(C)	102(Time : 102(Secon 102(C)	
12/30/02	22:32:50	0.018			0.000005	-11.099995	9.38E+00	1.58E+01	32.49.7	0.057	1.58E+01
12/30/02	22:33:20	30.002			0.008334	-11.091666	8.94E+00	1.54E+01	33.19.7	30.042	1.54E+01
12/30/02	22:33:50	60.002			0.016667	-11.083333	4.98E+00	1.51E+01	33.49.7	60.041	1.51E+01
12/30/02	22:34:20	90.002			0.025001	-11.074999	3.85E+00	1.48E+01	34.19.7	90.041	1.48E+01
12/30/02	22:34:50	120.002			0.033334	-11.066666	2.71E+00	1.45E+01	34.49.7	120.041	1.45E+01
12/30/02	22:35:20	150.002			0.041667	-11.058333	1.84E+00	1.42E+01	35.19.7	150.041	1.42E+01
12/30/02	22:35:50	180.002			0.050001	-11.049999	1.37E+00	1.39E+01	35.49.7	180.041	1.39E+01
12/30/02	22:36:20	210.002			0.058334	-11.041666	3.70E-01	1.36E+01	36.19.7	210.041	1.36E+01
12/30/02	22:36:50	240.002			0.066667	-11.033333	-4.50E-02	1.33E+01	36.49.7	240.041	1.33E+01
12/30/02	22:37:20	270.002			0.075001	-11.024999	-6.81E-01	1.31E+01	37.19.7	270.041	1.31E+01
12/30/02	22:37:50	300.002			0.083334	-11.016666	-1.30E+00	1.29E+01	37.49.7	300.042	1.29E+01
12/30/02	22:38:20	330.002			0.091667	-11.008333	-1.86E+00	1.27E+01	38.19.7	330.041	1.27E+01
12/30/02	22:38:50	360.002			0.100001	-10.999999	-2.45E+00	1.24E+01	38.49.7	360.041	1.24E+01
12/30/02	22:39:20	390.002			0.108334	-10.991666	-3.04E+00	1.22E+01	39.19.7	390.041	1.22E+01
12/30/02	22:39:50	420.002			0.116667	-10.983333	-3.12E+00	1.20E+01	39.49.7	420.041	1.20E+01
12/30/02	22:40:20	450.002			0.125001	-10.974999	-3.80E+00	1.18E+01	40.19.7	450.041	1.18E+01
12/30/02	22:40:50	480.002			0.133334	-10.966666	-3.84E+00	1.17E+01	40.49.7	480.041	1.17E+01
12/30/02	22:41:20	510.002			0.141667	-10.958333	-4.31E+00	1.15E+01	41.19.7	510.041	1.15E+01
12/30/02	22:41:50	540.002			0.150001	-10.949999	-4.81E+00	1.13E+01	41.49.7	540.041	1.13E+01
12/30/02	22:42:20	570.002			0.158334	-10.941666	-5.10E+00	1.11E+01	42.19.7	570.041	1.11E+01
12/30/02	22:42:50	600.002			0.166667	-10.933333	-4.86E+00	1.07E+01	42.49.7	600.041	1.07E+01
12/30/02	22:43:20	630.002			0.175001	-10.924999	-4.29E+00	1.04E+01	43.19.7	630.041	1.04E+01
12/30/02	22:43:50	660.002			0.183334	-10.916666	-4.88E+00	1.02E+01	43.49.7	660.041	1.02E+01
12/30/02	22:44:20	690.002			0.191667	-10.908333	-5.31E+00	1.01E+01	44.19.7	690.041	1.01E+01
12/30/02	22:44:50	720.002			0.200001	-10.899999	-6.14E+00	9.91E+00	44.49.7	720.041	9.91E+00
12/30/02	22:45:20	750.002			0.208334	-10.891666	-6.60E+00	9.77E+00	45.19.7	750.041	9.77E+00
12/30/02	22:45:50	780.002			0.216667	-10.883333	-6.87E+00	9.63E+00	45.49.7	780.041	9.63E+00
12/30/02	22:46:20	810.002			0.225001	-10.874999	-7.25E+00	9.50E+00	46.19.7	810.041	9.50E+00
12/30/02	22:46:50	840.002			0.233334	-10.866666	-7.43E+00	9.34E+00	46.49.7	840.041	9.34E+00
12/30/02	22:47:20	870.002			0.241667	-10.858333	-7.47E+00	9.21E+00	47.19.7	870.041	9.21E+00
12/30/02	22:47:50	900.002			0.250001	-10.849999	-7.95E+00	9.05E+00	47.49.7	900.041	9.05E+00
12/30/02	22:48:20	930.002			0.258334	-10.841666	-8.07E+00	8.90E+00	48.19.7	930.041	8.90E+00
12/30/02	22:48:50	960.002			0.266667	-10.833333	-8.59E+00	8.75E+00	48.49.7	960.041	8.75E+00
12/30/02	22:49:20	990.002			0.275001	-10.824999	-8.39E+00	8.64E+00	49.19.7	990.041	8.64E+00
12/30/02	22:49:50	1020.002			0.283334	-10.816666	-8.96E+00	8.46E+00	49.49.7	1020.041	8.46E+00
12/30/02	22:50:20	1050.002			0.291667	-10.808333	-8.81E+00	8.25E+00	50.19.7	1050.041	8.25E+00
12/30/02	22:51:20	1110.002			0.300001	-10.799999	-9.04E+00	8.13E+00	50.49.7	1080.041	8.13E+00
12/30/02	22:52:20	1170.002			0.308334	-10.791666	-9.12E+00	7.98E+00	51.19.7	1110.041	7.98E+00
12/30/02	22:53:20	1230.002			0.316667	-10.783333	-9.58E+00	7.83E+00	51.49.7	1140.041	7.83E+00
12/30/02	22:54:20	1290.002			0.325001	-10.774999	-9.24E+00	7.70E+00	52.19.7	1170.041	7.70E+00
12/30/02	22:55:20	1350.002			0.333334	-10.766666	-9.81E+00	7.54E+00	52.49.7	1200.041	7.54E+00
12/30/02	22:56:20	1410.002			0.341667	-10.758333	-9.84E+00	7.39E+00	53.19.7	1230.041	7.39E+00
12/30/02	22:57:20	1470.002			0.350001	-10.749999	-1.02E+01	7.26E+00	53.49.7	1260.041	7.26E+00
12/30/02	22:58:20	1530.002			0.358334	-10.741666	-1.04E+01	7.10E+00	54.19.7	1290.041	7.10E+00
12/30/02	22:59:20	1590.002			0.366667	-10.733333	-1.05E+01	6.98E+00	54.49.7	1320.041	6.98E+00
12/30/02	23:00:20	1650.002			0.375001	-10.724999	-1.05E+01	6.84E+00	55.19.7	1350.041	6.84E+00
12/30/02	23:01:20	1710.002			0.383334	-10.716666	-1.07E+01	6.69E+00	55.49.7	1380.042	6.69E+00
12/30/02	23:02:20	1770.002			0.391667	-10.708333	-1.06E+01	6.53E+00	56.19.7	1410.041	6.53E+00
12/30/02	23:03:20	1830.002			0.400001	-10.699999	-1.06E+01	6.39E+00	56.49.7	1440.041	6.39E+00
12/30/02	23:04:20	1890.002			0.408334	-10.691666	-1.12E+01	6.26E+00	57.19.7	1470.041	6.26E+00
12/30/02	23:05:20	1950.002			0.416667	-10.683333	-1.12E+01	6.11E+00	57.49.7	1500.041	6.11E+00
12/30/02	23:06:20	2010.002			0.425001	-10.674999	-1.13E+01	5.96E+00	58.19.7	1530.041	5.96E+00
12/30/02	23:07:20	2070.002			0.433334	-10.666666	-1.16E+01	5.81E+00	58.49.7	1560.041	5.81E+00
12/30/02	23:08:20	2130.002			0.441667	-10.658333	-1.17E+01	5.63E+00	59.19.7	1590.041	5.63E+00
12/30/02	23:09:20	2190.002			0.450001	-10.649999	-1.17E+01	5.47E+00	59.49.7	1620.041	5.47E+00
12/30/02	23:10:20	2250.002			0.458334	-10.641666	-1.19E+01	5.25E+00	60.19.7	1650.041	5.25E+00
12/30/02	23:11:20	2310.002			0.466667	-10.633333	-1.19E+01	5.11E+00	60.49.7	1680.041	5.11E+00
12/30/02	23:12:20	2370.002			0.475001	-10.624999	-1.20E+01	4.97E+00	61.19.7	1710.041	4.97E+00
12/30/02	23:13:20	2430.002			0.483334	-10.616666	-1.21E+01	4.80E+00	61.49.7	1740.041	4.80E+00
12/30/02	23:14:20	2490.002			0.491667	-10.608333	-1.21E+01	4.67E+00	62.19.7	1770.041	4.67E+00
12/30/02	23:15:20	2550.002			0.500001	-10.599999	-1.23E+01	4.52E+00	62.49.7	1800.041	4.52E+00
12/30/02	23:16:20	2610.002			0.508334	-10.591666	-1.25E+01	4.37E+00	63.19.7	1830.041	4.37E+00
12/30/02	23:17:20	2670.002			0.516667	-10.583333	-1.25E+01	4.21E+00	63.49.7	1860.041	4.21E+00
12/30/02	23:18:20	2730.002			0.525001	-10.574999	-1.26E+01	4.07E+00	64.19.7	1890.041	4.07E+00
12/30/02	23:19:20	2790.002			0.533334	-10.566666	-1.26E+01	3.93E+00	64.49.7	1920.041	3.93E+00
12/30/02	23:20:20	2850.002			0.541667	-10.558333	-1.27E+01	3.79E+00	65.19.7	1950.041	3.79E+00
12/30/02	23:21:20	2910.002			0.550001	-10.549999	-1.28E+01	3.65E+00	65.49.7	1980.041	3.65E+00
12/30/02	23:22:20	2970.002			0.558334	-10.541666	-1.29E+01	3.50E+00	66.19.7	2010.041	3.50E+00
12/30/02	23:23:20	3030.002			0.566667	-10.533333	-1.28E+01	3.35E+00	66.49.7	2040.041	3.35E+00
12/30/02	23:24:20	3090.002			0.575001	-10.524999	-1.27E+01	3.23E+00	67.19.7	2070.041	3.23E+00
12/30/02	23:25:20	3150.002			0.583334	-10.516666	-1.31E+01	3.06E+00	67.49.7	2100.041	3.06E+00
12/30/02	23:26:20	3210.002			0.591667	-10.508333	-1.31E+01	2.92E+00	68.19.7	2130.041	2.92E+00
12/30/02	23:27:20	3270.002			0.600001	-10.499999	-1.32E+01	2.80E+00	68.49.7	2160.041	2.80E+00
12/30/02	23:28:20	3330.002			0.608334	-10.491666	-1.34E+01	2.65E+00	69.19.7	2190.043	2.65E+00
12/30/02	23:29:20	3390.002			0.616667	-10.483333	-1.34E+01	2.51E+00	69.49.7	2220.041	2.51E+00
12/30/02	23:30:20	3450.002			0.625001	-10.474999	-1.34E+01	2.36E+00	70.19.7	2250.041	2.36E+00
12/30/02	23:31:20	3510.002			0.633334	-10.466666	-1.32E+01	2.21E+00	70.49.7	2280.041	2.21E+00
12/30/02	23:32:20	3570.002			0.641667	-10.458333	-1.33E+01	2.10E+00	71.19.7	2310.041	2.10E+00
12/30/02	23:33:20	3630.002			0.650001	-10.449999	-1.31E+01	1.94E+00	71.49.7	2340.041	1.94E+00
12/30/02	23:34:20	3690.002			0.658334	-10.441666	-1.33E+01	1.82E+00	72.19.7	2370.041	1.82E+00
12/30/02	23:35:20	3750.002			0.666667	-10.433333	-1.32E+01	1.68E+00	72.49.7	2400.041	1.68E+00
12/30/02	23:36:20	3810.002			0.675001	-10.424999	-1.34E+01	1.55E+00	73.19.7	2430.041	1.55E+00
12/30/02	23:37:20	3870.002			0.683334	-10.416666	-1.36E+01	1.39E+00	73.49.7	2460.041	1.39E+00
12/30/02	23:38:20	3930.002			0.691667	-10.408333	-1.34E+01	1.29E+00	74.19.7	2490.041	1.29E+00
12/30/02	23:39:20	3990.002			0.700001	-10.399999	-1.36E+01	1.16E+00	74.49.7	2520.042	1.16E+00
12/30/02	23:40:20	4050.002			0.708334	-10.391666	-1.37E+01	1.00E+00	75.19.7	2550.041	1.00E

THERMALSHOCKMEDIUMTERM

12/30/02 23:28:20	3210.002	0.991667	-10.208333	-1.47E+01	-1.84E+00	26.19.7	3210.041	-1.84E+00
12/30/02 23:28:50	3240.002	0.900001	-10.199999	-1.47E+01	-1.96E+00	26.49.7	3240.042	-1.96E+00
12/30/02 23:29:20	3270.002	0.908334	-10.191666	-1.46E+01	-2.07E+00	27.19.7	3270.041	-2.07E+00
12/30/02 23:29:50	3300.002	0.916667	-10.183333	-1.47E+01	-2.20E+00	27.49.7	3300.041	-2.20E+00
12/30/02 23:30:20	3330.002	0.925001	-10.174999	-1.47E+01	-2.30E+00	28.19.7	3330.041	-2.30E+00
12/30/02 23:30:50	3360.002	0.933334	-10.166666	-1.49E+01	-2.42E+00	28.49.7	3360.041	-2.42E+00
12/30/02 23:31:20	3390.002	0.941667	-10.158333	-1.49E+01	-2.54E+00	29.19.7	3390.041	-2.54E+00
12/30/02 23:31:50	3420.002	0.950001	-10.149999	-1.49E+01	-2.64E+00	29.49.7	3420.041	-2.64E+00
12/30/02 23:32:20	3450.002	0.958334	-10.141666	-1.51E+01	-2.75E+00	30.19.7	3450.041	-2.75E+00
12/30/02 23:32:50	3480.002	0.966667	-10.133333	-1.51E+01	-2.88E+00	30.49.7	3480.041	-2.88E+00
12/30/02 23:33:20	3510.002	0.975001	-10.124999	-1.50E+01	-2.98E+00	31.19.7	3510.041	-2.98E+00
12/30/02 23:33:50	3540.002	0.983334	-10.116666	-1.50E+01	-3.09E+00	31.49.7	3540.042	-3.09E+00
12/30/02 23:34:20	3570.002	0.991667	-10.108333	-1.51E+01	-3.20E+00	32.19.7	3570.041	-3.20E+00
12/30/02 23:34:50	3600.002	1.000001	-10.099999	-1.52E+01	-3.34E+00	32.49.7	3600.041	-3.34E+00
12/30/02 23:35:20	3630.002	1.008334	-10.091666	-1.53E+01	-3.43E+00	33.19.7	3630.041	-3.43E+00
12/30/02 23:35:50	3660.002	1.016667	-10.083333	-1.53E+01	-3.54E+00	33.49.7	3660.041	-3.54E+00
12/30/02 23:36:20	3690.002	1.025001	-10.074999	-1.53E+01	-3.65E+00	34.19.7	3690.041	-3.65E+00
12/30/02 23:36:50	3720.002	1.033334	-10.066666	-1.53E+01	-3.75E+00	34.49.7	3720.041	-3.75E+00
12/30/02 23:37:20	3750.002	1.041667	-10.058333	-1.55E+01	-3.86E+00	35.19.7	3750.041	-3.86E+00
12/30/02 23:37:50	3780.002	1.050001	-10.049999	-1.55E+01	-3.99E+00	35.49.7	3780.041	-3.99E+00
12/30/02 23:38:20	3810.002	1.058334	-10.041666	-1.56E+01	-4.05E+00	36.19.7	3810.041	-4.05E+00
12/30/02 23:38:50	3840.002	1.066667	-10.033333	-1.57E+01	-4.16E+00	36.49.7	3840.041	-4.16E+00
12/30/02 23:39:20	3870.002	1.075001	-10.024999	-1.56E+01	-4.27E+00	37.19.7	3870.041	-4.27E+00
12/30/02 23:39:50	3900.002	1.083334	-10.016666	-1.56E+01	-4.37E+00	37.49.7	3900.041	-4.37E+00
12/30/02 23:40:20	3930.002	1.091667	-10.008333	-1.56E+01	-4.47E+00	38.19.7	3930.041	-4.47E+00
12/30/02 23:40:50	3960.002	1.100001	-9.999999	-1.57E+01	-4.57E+00	38.49.7	3960.041	-4.57E+00
12/30/02 23:41:20	3990.002	1.108334	-9.991666	-1.57E+01	-4.67E+00	39.19.7	3990.041	-4.67E+00
12/30/02 23:41:50	4020.002	1.116667	-9.983333	-1.57E+01	-4.79E+00	39.49.7	4020.041	-4.79E+00
12/30/02 23:42:20	4050.002	1.125001	-9.974999	-1.57E+01	-4.88E+00	40.19.7	4050.041	-4.88E+00
12/30/02 23:42:50	4080.002	1.133334	-9.966666	-1.59E+01	-4.98E+00	40.49.7	4080.041	-4.98E+00
12/30/02 23:43:20	4110.002	1.141667	-9.958333	-1.59E+01	-5.07E+00	41.19.7	4110.041	-5.07E+00
12/30/02 23:43:50	4140.002	1.150001	-9.949999	-1.59E+01	-5.18E+00	41.49.7	4140.041	-5.18E+00
12/30/02 23:44:20	4170.002	1.158334	-9.941666	-1.59E+01	-5.28E+00	42.19.7	4170.041	-5.28E+00
12/30/02 23:44:50	4200.002	1.166667	-9.933333	-1.60E+01	-5.38E+00	42.49.7	4200.041	-5.38E+00
12/30/02 23:45:20	4230.002	1.175001	-9.924999	-1.60E+01	-5.48E+00	43.19.7	4230.041	-5.48E+00
12/30/02 23:45:50	4260.002	1.183334	-9.916666	-1.59E+01	-5.58E+00	43.49.7	4260.041	-5.58E+00
12/30/02 23:46:20	4290.002	1.191667	-9.908333	-1.59E+01	-5.67E+00	44.19.7	4290.041	-5.67E+00
12/30/02 23:46:50	4320.002	1.200001	-9.899999	-1.61E+01	-5.74E+00	44.49.7	4320.041	-5.74E+00
12/30/02 23:47:20	4350.002	1.208334	-9.891666	-1.61E+01	-5.85E+00	45.19.7	4350.042	-5.85E+00
12/30/02 23:47:50	4380.002	1.216667	-9.883333	-1.61E+01	-5.93E+00	45.49.7	4380.041	-5.93E+00
12/30/02 23:48:20	4410.002	1.225001	-9.874999	-1.61E+01	-6.02E+00	46.19.7	4410.041	-6.02E+00
12/30/02 23:48:50	4440.002	1.233334	-9.866666	-1.61E+01	-6.13E+00	46.49.7	4440.041	-6.13E+00
12/30/02 23:49:20	4470.002	1.241667	-9.858333	-1.63E+01	-6.20E+00	47.19.7	4470.041	-6.20E+00
12/30/02 23:49:50	4500.002	1.250001	-9.849999	-1.63E+01	-6.32E+00	47.49.7	4500.041	-6.32E+00
12/30/02 23:50:20	4530.002	1.258334	-9.841666	-1.62E+01	-6.40E+00	48.19.7	4530.041	-6.40E+00
12/30/02 23:50:50	4560.002	1.266667	-9.833333	-1.62E+01	-6.49E+00	48.49.7	4560.041	-6.49E+00
12/30/02 23:51:20	4590.002	1.275001	-9.824999	-1.63E+01	-6.58E+00	49.19.7	4590.041	-6.58E+00
12/30/02 23:51:50	4620.002	1.283334	-9.816666	-1.65E+01	-6.66E+00	49.49.7	4620.042	-6.66E+00
12/30/02 23:52:20	4650.002	1.291667	-9.808333	-1.64E+01	-6.76E+00	50.19.7	4650.042	-6.76E+00
12/30/02 23:52:50	4680.002	1.300001	-9.799999	-1.63E+01	-6.83E+00	50.49.7	4680.041	-6.83E+00
12/30/02 23:53:20	4710.002	1.308334	-9.791666	-1.66E+01	-6.92E+00	51.19.7	4710.041	-6.92E+00
12/30/02 23:53:50	4740.002	1.316667	-9.783333	-1.65E+01	-7.00E+00	51.49.7	4740.041	-7.00E+00
12/30/02 23:54:20	4770.002	1.325001	-9.774999	-1.67E+01	-7.07E+00	52.19.7	4770.041	-7.07E+00
12/30/02 23:54:50	4800.002	1.333334	-9.766666	-1.65E+01	-7.18E+00	52.49.7	4800.041	-7.18E+00
12/30/02 23:55:20	4830.002	1.341667	-9.758333	-1.66E+01	-7.25E+00	53.19.7	4830.041	-7.25E+00
12/30/02 23:55:50	4860.002	1.350001	-9.749999	-1.67E+01	-7.31E+00	53.49.7	4860.041	-7.31E+00
12/30/02 23:56:20	4890.002	1.358334	-9.741666	-1.66E+01	-7.43E+00	54.19.7	4890.041	-7.43E+00
12/30/02 23:56:50	4920.002	1.366667	-9.733333	-1.67E+01	-7.50E+00	54.49.7	4920.041	-7.50E+00
12/30/02 23:57:20	4950.002	1.375001	-9.724999	-1.68E+01	-7.57E+00	55.19.7	4950.041	-7.57E+00
12/30/02 23:57:50	4980.002	1.383334	-9.716666	-1.68E+01	-7.65E+00	55.49.7	4980.041	-7.65E+00
12/30/02 23:58:20	5010.002	1.391667	-9.708333	-1.68E+01	-7.74E+00	56.19.7	5010.041	-7.74E+00
12/30/02 23:58:50	5040.002	1.400001	-9.699999	-1.67E+01	-7.79E+00	56.49.7	5040.041	-7.79E+00
12/30/02 23:59:20	5070.002	1.408334	-9.691666	-1.68E+01	-7.88E+00	57.19.7	5070.041	-7.88E+00
12/30/02 23:59:50	5100.002	1.416667	-9.683333	-1.67E+01	-7.99E+00	57.49.7	5100.041	-7.99E+00
12/30/02 24:00:20	5130.002	1.425001	-9.674999	-1.69E+01	-8.04E+00	58.19.7	5130.041	-8.04E+00
12/30/02 24:00:50	5160.002	1.433334	-9.666666	-1.68E+01	-8.11E+00	58.49.7	5160.041	-8.11E+00
12/30/02 24:01:20	5190.002	1.441667	-9.658333	-1.69E+01	-8.19E+00	59.19.7	5190.041	-8.19E+00
12/30/02 24:01:50	5220.002	1.450001	-9.649999	-1.69E+01	-8.25E+00	59.49.7	5220.041	-8.25E+00
12/30/02 24:02:20	5250.002	1.458334	-9.641666	-1.70E+01	-8.34E+00	60.19.7	5250.041	-8.34E+00
12/30/02 24:02:50	5280.002	1.466667	-9.633333	-1.70E+01	-8.43E+00	60.49.7	5280.041	-8.43E+00
12/30/02 24:03:20	5310.002	1.475001	-9.624999	-1.70E+01	-8.49E+00	61.19.7	5310.041	-8.49E+00
12/30/02 24:03:50	5340.002	1.483334	-9.616666	-1.70E+01	-8.58E+00	61.49.7	5340.041	-8.58E+00
12/30/02 24:04:20	5370.002	1.491667	-9.608333	-1.70E+01	-8.63E+00	62.19.7	5370.041	-8.63E+00
12/30/02 24:04:50	5400.002	1.500001	-9.599999	-1.71E+01	-8.72E+00	62.49.7	5400.042	-8.72E+00
12/30/02 24:05:20	5430.002	1.508334	-9.591666	-1.69E+01	-8.78E+00	63.19.7	5430.041	-8.78E+00
12/30/02 24:05:50	5460.002	1.516667	-9.583333	-1.70E+01	-8.85E+00	63.49.7	5460.041	-8.85E+00
12/30/02 24:06:20	5490.002	1.525001	-9.574999	-1.71E+01	-8.91E+00	64.19.7	5490.041	-8.91E+00
12/30/02 24:06:50	5520.002	1.533334	-9.566666	-1.72E+01	-8.99E+00	64.49.7	5520.042	-8.99E+00
12/30/02 24:07:20	5550.002	1.541667	-9.558333	-1.72E+01	-9.03E+00	65.19.7	5550.041	-9.03E+00
12/30/02 24:07:50	5580.002	1.550001	-9.549999	-1.71E+01	-9.14E+00	65.49.7	5580.041	-9.14E+00
12/30/02 24:08:20	5610.002	1.558334	-9.541666	-1.72E+01	-9.18E+00	66.19.7	5610.041	-9.18E+00
12/30/02 24:08:50	5640.002	1.566667	-9.533333	-1.73E+01	-9.27E+00	66.49.7	5640.041	-9.27E+00
12/30/02 24:09:20	5670.002	1.575001	-9.524999	-1.73E+01	-9.32E+00	67.19.7	5670.041	-9.32E+00
12/30/02 24:09:50	5700.002	1.583334	-9.516666	-1.72E+01	-9.39E+00	67.49.7	5700.041	-9.39E+00
12/30/02 24:10:20	5730.002	1.591667	-9.508333	-1.74E+01	-9.45E+00	68.19.7	5730.041	-9.45E+00
12/30/02 24:10:50	5760.002	1.600001	-9.499999	-1.74E+01	-9.53E+00	68.49.7	5760.041	-9.53E+00
12/30/02 24:11:20	5790.002	1.608334	-9.491666	-1.75E+01	-9.59E+00	69.19.7	5790.042	-9.59E+00
12/30/02 24:11:50	5820.002	1.616667	-9.483333	-1.75E+01	-9.64E+00	69.49.7	5820.041	-9.64E+00
12/30/02 24:12:20	5850.002	1.625001	-9.474999	-1.74E+01	-9.69E+00	70.19.7	5850.041	-9.69E+00
12/30/02 24:12:50	5880.002	1.633334	-9.466666	-1.74E+01	-9.78E+00	70.49.7	5880.041	-9.78E+00
12/30/02 24:13:20	5910.002	1.641667	-9.458333	-1.75E+01	-9.85E+00	71.19.7	5910.041	-9.85E+00
12/30/02 24:13:50	5940.002	1.650001	-9.449999	-1.75E+01	-9.91E+00	71.49.7	5940.041	-9.91E+00
12/30/02 24:14:20	5970.002	1.658334	-9.441666	-1.74E+01	-9.97E+00	72.19.7	5970.041	-9.97E+00
12/30/02 24:14:50	6000.002	1.666667	-9.433333	-1.75E+01	-1.00E+01	72.49.7	6000.041	-1.00E+01
12/30/02 24:15:20	6030.002	1.675001	-9.424999	-1.76E+0				

THERMALSHOCKMEDIUMTERM

12/31/02 0:22:50	8600.002	1.833334	-9.266666	-1.82E+01	-1.13E+01	22.49.7	8600.041	-1.13E+01
12/31/02 0:23:20	8630.002	1.841667	-9.258333	-1.80E+01	-1.14E+01	23.19.7	8630.041	-1.14E+01
12/31/02 0:23:50	8660.002	1.850001	-9.249999	-1.81E+01	-1.14E+01	23.49.7	8660.041	-1.14E+01
12/31/02 0:24:20	8690.002	1.858334	-9.241666	-1.81E+01	-1.14E+01	24.19.7	8690.041	-1.14E+01
12/31/02 0:24:50	8720.002	1.866667	-9.233333	-1.82E+01	-1.15E+01	24.49.7	8720.041	-1.15E+01
12/31/02 0:25:20	8750.002	1.875001	-9.224999	-1.81E+01	-1.16E+01	25.19.7	8750.041	-1.16E+01
12/31/02 0:25:50	8780.002	1.883334	-9.216666	-1.81E+01	-1.16E+01	25.49.7	8780.041	-1.16E+01
12/31/02 0:26:20	8810.002	1.891667	-9.208333	-1.81E+01	-1.17E+01	26.19.7	8810.041	-1.17E+01
12/31/02 0:26:50	8840.002	1.900001	-9.199999	-1.80E+01	-1.17E+01	26.49.7	8840.041	-1.17E+01
12/31/02 0:27:20	8870.002	1.908334	-9.191666	-1.81E+01	-1.18E+01	27.19.7	8870.041	-1.18E+01
12/31/02 0:27:50	8900.002	1.916667	-9.183333	-1.82E+01	-1.18E+01	27.49.7	8900.041	-1.18E+01
12/31/02 0:28:20	8930.002	1.925001	-9.174999	-1.82E+01	-1.19E+01	28.19.7	8930.041	-1.19E+01
12/31/02 0:28:50	8960.002	1.933334	-9.166666	-1.82E+01	-1.19E+01	28.49.7	8960.041	-1.19E+01
12/31/02 0:29:20	8990.002	1.941667	-9.158333	-1.83E+01	-1.20E+01	29.19.7	8990.041	-1.20E+01
12/31/02 0:29:50	9020.002	1.950001	-9.149999	-1.84E+01	-1.20E+01	29.49.7	9020.041	-1.20E+01
12/31/02 0:30:20	9050.002	1.958334	-9.141666	-1.85E+01	-1.21E+01	30.19.7	9050.041	-1.21E+01
12/31/02 0:30:50	9080.002	1.966667	-9.133333	-1.83E+01	-1.21E+01	30.49.7	9080.041	-1.21E+01
12/31/02 0:31:20	9110.002	1.975001	-9.124999	-1.83E+01	-1.21E+01	31.19.7	9110.041	-1.21E+01
12/31/02 0:31:50	9140.002	1.983334	-9.116666	-1.85E+01	-1.22E+01	31.49.7	9140.042	-1.22E+01
12/31/02 0:32:20	9170.002	1.991667	-9.108333	-1.84E+01	-1.22E+01	32.19.7	9170.041	-1.22E+01
12/31/02 0:32:50	9200.002	2.000001	-9.099999	-1.85E+01	-1.23E+01	32.49.7	9200.041	-1.23E+01
12/31/02 0:33:20	9230.002	2.008334	-9.091666	-1.84E+01	-1.23E+01	33.19.7	9230.041	-1.23E+01
12/31/02 0:33:50	9260.002	2.016667	-9.083333	-1.83E+01	-1.24E+01	33.49.7	9260.041	-1.24E+01
12/31/02 0:34:20	9290.002	2.025001	-9.074999	-1.82E+01	-1.24E+01	34.19.7	9290.041	-1.24E+01
12/31/02 0:34:50	9320.002	2.033334	-9.066666	-1.80E+01	-1.25E+01	34.49.7	9320.041	-1.25E+01
12/31/02 0:35:20	9350.002	2.041667	-9.058333	-1.84E+01	-1.25E+01	35.19.7	9350.041	-1.25E+01
12/31/02 0:35:50	9380.002	2.050001	-9.049999	-1.85E+01	-1.26E+01	35.49.7	9380.041	-1.26E+01
12/31/02 0:36:20	9410.002	2.058334	-9.041666	-1.83E+01	-1.26E+01	36.19.7	9410.042	-1.26E+01
12/31/02 0:36:50	9440.002	2.066667	-9.033333	-1.84E+01	-1.26E+01	36.49.7	9440.041	-1.26E+01
12/31/02 0:37:20	9470.002	2.075001	-9.024999	-1.85E+01	-1.27E+01	37.19.7	9470.041	-1.27E+01
12/31/02 0:37:50	9500.002	2.083334	-9.016666	-1.85E+01	-1.27E+01	37.49.7	9500.041	-1.27E+01
12/31/02 0:38:20	9530.002	2.091667	-9.008333	-1.86E+01	-1.28E+01	38.19.7	9530.041	-1.28E+01
12/31/02 0:38:50	9560.002	2.100001	-9.000000	-1.85E+01	-1.28E+01	38.49.7	9560.042	-1.28E+01
12/31/02 0:39:20	9590.002	2.108334	-8.991666	-1.84E+01	-1.29E+01	39.19.7	9590.041	-1.29E+01
12/31/02 0:39:50	9620.002	2.116667	-8.983333	-1.85E+01	-1.29E+01	39.49.7	9620.041	-1.29E+01
12/31/02 0:40:20	9650.002	2.125001	-8.974999	-1.85E+01	-1.30E+01	40.19.7	9650.041	-1.30E+01
12/31/02 0:40:50	9680.002	2.133334	-8.966666	-1.86E+01	-1.30E+01	40.49.7	9680.041	-1.30E+01
12/31/02 0:41:20	9710.002	2.141667	-8.958333	-1.86E+01	-1.30E+01	41.19.7	9710.042	-1.30E+01
12/31/02 0:41:50	9740.002	2.150001	-8.949999	-1.87E+01	-1.31E+01	41.49.7	9740.041	-1.31E+01
12/31/02 0:42:20	9770.002	2.158334	-8.941666	-1.87E+01	-1.31E+01	42.19.7	9770.041	-1.31E+01
12/31/02 0:42:50	9800.002	2.166667	-8.933333	-1.85E+01	-1.31E+01	42.49.7	9800.041	-1.31E+01
12/31/02 0:43:20	9830.002	2.175001	-8.924999	-1.86E+01	-1.31E+01	43.19.7	9830.041	-1.31E+01
12/31/02 0:43:50	9860.002	2.183334	-8.916666	-1.87E+01	-1.32E+01	43.49.7	9860.041	-1.32E+01
12/31/02 0:44:20	9890.002	2.191667	-8.908333	-1.87E+01	-1.32E+01	44.19.7	9890.041	-1.32E+01
12/31/02 0:44:50	9920.002	2.200001	-8.899999	-1.88E+01	-1.33E+01	44.49.7	9920.041	-1.33E+01
12/31/02 0:45:20	9950.002	2.208334	-8.891666	-1.88E+01	-1.33E+01	45.19.7	9950.041	-1.33E+01
12/31/02 0:45:50	9980.002	2.216667	-8.883333	-1.88E+01	-1.33E+01	45.49.7	9980.041	-1.33E+01
12/31/02 0:46:20	8010.002	2.225001	-8.874999	-1.86E+01	-1.34E+01	46.19.7	8010.041	-1.34E+01
12/31/02 0:46:50	8040.002	2.233334	-8.866666	-1.88E+01	-1.34E+01	46.49.7	8040.041	-1.34E+01
12/31/02 0:47:20	8070.002	2.241667	-8.858333	-1.86E+01	-1.34E+01	47.19.7	8070.041	-1.34E+01
12/31/02 0:47:50	8100.002	2.250001	-8.849999	-1.85E+01	-1.35E+01	47.49.7	8100.041	-1.35E+01
12/31/02 0:48:20	8130.002	2.258334	-8.841666	-1.86E+01	-1.35E+01	48.19.7	8130.041	-1.35E+01
12/31/02 0:48:50	8160.002	2.266667	-8.833333	-1.87E+01	-1.36E+01	48.49.7	8160.041	-1.36E+01
12/31/02 0:49:20	8190.002	2.275001	-8.824999	-1.87E+01	-1.36E+01	49.19.7	8190.041	-1.36E+01
12/31/02 0:49:50	8220.002	2.283334	-8.816666	-1.87E+01	-1.36E+01	49.49.7	8220.041	-1.36E+01
12/31/02 0:50:20	8250.002	2.291667	-8.808333	-1.87E+01	-1.37E+01	50.19.7	8250.041	-1.37E+01
12/31/02 0:50:50	8280.002	2.300001	-8.799999	-1.87E+01	-1.37E+01	50.49.7	8280.041	-1.37E+01
12/31/02 0:51:20	8310.002	2.308334	-8.791666	-1.88E+01	-1.37E+01	51.19.7	8310.041	-1.37E+01
12/31/02 0:51:50	8340.002	2.316667	-8.783333	-1.87E+01	-1.38E+01	51.49.7	8340.041	-1.38E+01
12/31/02 0:52:20	8370.002	2.325001	-8.774999	-1.86E+01	-1.38E+01	52.19.7	8370.041	-1.38E+01
12/31/02 0:52:50	8400.002	2.333334	-8.766666	-1.88E+01	-1.38E+01	52.49.7	8400.041	-1.38E+01
12/31/02 0:53:20	8430.002	2.341667	-8.758333	-1.88E+01	-1.39E+01	53.19.7	8430.041	-1.39E+01
12/31/02 0:53:50	8460.002	2.350001	-8.749999	-1.89E+01	-1.39E+01	53.49.7	8460.041	-1.39E+01
12/31/02 0:54:20	8490.002	2.358334	-8.741666	-1.89E+01	-1.39E+01	54.19.7	8490.041	-1.39E+01
12/31/02 0:54:50	8520.002	2.366667	-8.733333	-1.89E+01	-1.40E+01	54.49.7	8520.041	-1.40E+01
12/31/02 0:55:20	8550.002	2.375001	-8.724999	-1.89E+01	-1.40E+01	55.19.7	8550.041	-1.40E+01
12/31/02 0:55:50	8580.002	2.383334	-8.716666	-1.90E+01	-1.40E+01	55.49.7	8580.041	-1.40E+01
12/31/02 0:56:20	8610.002	2.391667	-8.708333	-1.89E+01	-1.41E+01	56.19.7	8610.041	-1.41E+01
12/31/02 0:56:50	8640.002	2.400001	-8.699999	-1.89E+01	-1.41E+01	56.49.7	8640.041	-1.41E+01
12/31/02 0:57:20	8670.002	2.408334	-8.691666	-1.88E+01	-1.41E+01	57.19.7	8670.041	-1.41E+01
12/31/02 0:57:50	8700.002	2.416667	-8.683333	-1.88E+01	-1.42E+01	57.49.7	8700.041	-1.42E+01
12/31/02 0:58:20	8730.002	2.425001	-8.674999	-1.89E+01	-1.42E+01	58.19.7	8730.043	-1.42E+01
12/31/02 0:58:50	8760.002	2.433334	-8.666666	-1.89E+01	-1.42E+01	58.49.7	8760.041	-1.42E+01
12/31/02 0:59:20	8790.002	2.441667	-8.658333	-1.89E+01	-1.43E+01	59.19.7	8790.041	-1.43E+01
12/31/02 0:59:50	8820.002	2.450001	-8.649999	-1.90E+01	-1.43E+01	59.49.7	8820.041	-1.43E+01
12/31/02 1:00:20	8850.002	2.458334	-8.641666	-1.86E+01	-1.43E+01	00.19.7	8850.041	-1.43E+01
12/31/02 1:00:50	8880.002	2.466667	-8.633333	-1.86E+01	-1.43E+01	00.49.7	8880.041	-1.43E+01
12/31/02 1:01:20	8910.002	2.475001	-8.624999	-1.86E+01	-1.44E+01	01.19.7	8910.041	-1.44E+01
12/31/02 1:01:50	8940.002	2.483334	-8.616666	-1.90E+01	-1.44E+01	01.49.7	8940.042	-1.44E+01
12/31/02 1:02:20	8970.002	2.491667	-8.608333	-1.90E+01	-1.44E+01	02.19.7	8970.041	-1.44E+01
12/31/02 1:02:50	9000.002	2.500001	-8.599999	-1.91E+01	-1.45E+01	02.49.7	9000.041	-1.45E+01
12/31/02 1:03:20	9030.002	2.508334	-8.591666	-1.91E+01	-1.45E+01	03.19.7	9030.041	-1.45E+01
12/31/02 1:03:50	9060.002	2.516667	-8.583333	-1.91E+01	-1.45E+01	03.49.7	9060.041	-1.45E+01
12/31/02 1:04:20	9090.002	2.525001	-8.574999	-1.90E+01	-1.46E+01	04.19.7	9090.042	-1.46E+01
12/31/02 1:04:50	9120.002	2.533334	-8.566666	-1.90E+01	-1.46E+01	04.49.7	9120.041	-1.46E+01
12/31/02 1:05:20	9150.002	2.541667	-8.558333	-1.90E+01	-1.46E+01	05.19.7	9150.041	-1.46E+01
12/31/02 1:05:50	9180.002	2.550001	-8.549999	-1.91E+01	-1.46E+01	05.49.7	9180.041	-1.46E+01
12/31/02 1:06:20	9210.002	2.558334	-8.541666	-1.91E+01	-1.47E+01	06.19.7	9210.041	-1.47E+01
12/31/02 1:06:50	9240.002	2.566667	-8.533333	-1.91E+01	-1.47E+01	06.49.7	9240.041	-1.47E+01
12/31/02 1:07:20	9270.002	2.575001	-8.524999	-1.91E+01	-1.47E+01	07.19.7	9270.041	-1.47E+01
12/31/02 1:07:50	9300.002	2.583334	-8.516666	-1.92E+01	-1.47E+01	07.49.7	9300.041	-1.47E+01
12/31/02 1:08:20	9330.002	2.591667	-8.508333	-1.91E+01	-1.48E+01	08.19.7	9330.041	-1.48E+01
12/31/02 1:08:50	9360.002	2.600001	-8.499999	-1.93E+01	-1.48E+01	08.49.7	9360.041	-1.48E+01
12/31/02 1:09:20	9390.002	2.608334	-8.491666	-1.93E+01	-1.48E+01	09.19.7	9390.042	-1.48E+01
12/31/02 1:09:50	9420.002	2.616667	-8.483333	-1.92E+01	-1.49E+01	09.49.7	9420.041	-1.49E+01
12/31/02 1:10:20	9450.002	2.625001	-8.474999	-1.92E+01	-1.49E+01	10.19.7	9450.041	-1.49E+01
12/31/02 1:10:50	9480.00							

THERMALSHOCKMEDIUMTERM

12/31/02 1:19:20	9990.002	2.775001	-8.324999 -1.94E+01 -1.54E+01	19:19.7	9990.041 -1.54E+01
12/31/02 1:19:50	10020.002	2.783334	-8.318666 -1.94E+01 -1.54E+01	19:49.7	10020.04 -1.54E+01
12/31/02 1:20:20	10050.002	2.791667	-8.308333 -1.95E+01 -1.55E+01	20:19.7	10050.04 -1.55E+01
12/31/02 1:20:50	10080.002	2.800001	-8.299999 -1.96E+01 -1.55E+01	20:49.7	10080.04 -1.55E+01
12/31/02 1:21:20	10110.002	2.808334	-8.291666 -1.96E+01 -1.55E+01	21:19.7	10110.04 -1.55E+01
12/31/02 1:21:50	10140.002	2.816667	-8.283333 -1.95E+01 -1.55E+01	21:49.7	10140.04 -1.55E+01
12/31/02 1:22:20	10170.002	2.825001	-8.274999 -1.94E+01 -1.56E+01	22:19.7	10170.04 -1.56E+01
12/31/02 1:22:50	10200.002	2.833334	-8.266666 -1.95E+01 -1.56E+01	22:49.7	10200.04 -1.56E+01
12/31/02 1:23:20	10230.002	2.841667	-8.258333 -1.94E+01 -1.56E+01	23:19.7	10230.04 -1.56E+01
12/31/02 1:23:50	10260.002	2.850001	-8.249999 -1.95E+01 -1.56E+01	23:49.7	10260.04 -1.56E+01
12/31/02 1:24:20	10290.002	2.858334	-8.241666 -1.95E+01 -1.57E+01	24:19.7	10290.04 -1.57E+01
12/31/02 1:24:50	10320.002	2.866667	-8.233333 -1.95E+01 -1.57E+01	24:49.7	10320.04 -1.57E+01
12/31/02 1:25:20	10350.002	2.875001	-8.224999 -1.95E+01 -1.57E+01	25:19.7	10350.04 -1.57E+01
12/31/02 1:25:50	10380.002	2.883334	-8.216666 -1.95E+01 -1.57E+01	25:49.7	10380.04 -1.57E+01
12/31/02 1:26:20	10410.002	2.891667	-8.208333 -1.96E+01 -1.58E+01	26:19.7	10410.04 -1.58E+01
12/31/02 1:26:50	10440.002	2.900001	-8.199999 -1.95E+01 -1.58E+01	26:49.7	10440.04 -1.58E+01
12/31/02 1:27:20	10470.002	2.908334	-8.191666 -1.96E+01 -1.58E+01	27:19.7	10470.04 -1.58E+01
12/31/02 1:27:50	10500.002	2.916667	-8.183333 -1.96E+01 -1.58E+01	27:49.7	10500.04 -1.58E+01
12/31/02 1:28:20	10530.002	2.925001	-8.174999 -1.96E+01 -1.58E+01	28:19.7	10530.04 -1.58E+01
12/31/02 1:28:50	10560.002	2.933334	-8.166666 -1.97E+01 -1.59E+01	28:49.7	10560.04 -1.58E+01
12/31/02 1:29:20	10590.002	2.941667	-8.158333 -1.97E+01 -1.59E+01	29:19.7	10590.04 -1.59E+01
12/31/02 1:29:50	10620.002	2.950001	-8.149999 -1.97E+01 -1.59E+01	29:49.7	10620.04 -1.59E+01
12/31/02 1:30:20	10650.002	2.958334	-8.141666 -1.97E+01 -1.59E+01	30:19.7	10650.04 -1.59E+01
12/31/02 1:30:50	10680.002	2.966667	-8.133333 -1.95E+01 -1.59E+01	30:49.7	10680.04 -1.59E+01
12/31/02 1:31:20	10710.002	2.975001	-8.124999 -1.95E+01 -1.59E+01	31:19.7	10710.04 -1.59E+01
12/31/02 1:31:50	10740.002	2.983334	-8.116666 -1.95E+01 -1.60E+01	31:49.7	10740.04 -1.60E+01
12/31/02 1:32:20	10770.002	2.991667	-8.108333 -1.95E+01 -1.59E+01	32:19.7	10770.04 -1.59E+01
12/31/02 1:32:50	10800.002	3.000001	-8.099999 -1.96E+01 -1.60E+01	32:49.7	10800.04 -1.60E+01
12/31/02 1:33:20	10830.002	3.008334	-8.091666 -1.96E+01 -1.60E+01	33:19.7	10830.04 -1.60E+01
12/31/02 1:33:50	10860.002	3.016667	-8.083333 -1.96E+01 -1.60E+01	33:49.7	10860.04 -1.60E+01
12/31/02 1:34:20	10890.002	3.025001	-8.074999 -1.97E+01 -1.60E+01	34:19.7	10890.04 -1.60E+01
12/31/02 1:34:50	10920.002	3.033334	-8.066666 -1.97E+01 -1.60E+01	34:49.7	10920.04 -1.60E+01
12/31/02 1:35:20	10950.002	3.041667	-8.058333 -1.98E+01 -1.61E+01	35:19.7	10950.04 -1.61E+01
12/31/02 1:35:50	10980.002	3.050001	-8.049999 -1.95E+01 -1.61E+01	35:49.7	10980.04 -1.61E+01
12/31/02 1:36:20	11010.002	3.058334	-8.041666 -1.95E+01 -1.61E+01	36:19.7	11010.04 -1.61E+01
12/31/02 1:36:50	11040.002	3.066667	-8.033333 -1.95E+01 -1.61E+01	36:49.7	11040.04 -1.61E+01
12/31/02 1:37:20	11070.002	3.075001	-8.024999 -1.95E+01 -1.61E+01	37:19.7	11070.04 -1.61E+01
12/31/02 1:37:50	11100.002	3.083334	-8.016666 -1.96E+01 -1.62E+01	37:49.7	11100.04 -1.62E+01
12/31/02 1:38:20	11130.002	3.091667	-8.008333 -1.95E+01 -1.61E+01	38:19.7	11130.04 -1.61E+01
12/31/02 1:38:50	11160.002	3.100001	-7.999999 -1.96E+01 -1.62E+01	38:49.7	11160.04 -1.62E+01
12/31/02 1:39:20	11190.002	3.108334	-7.991666 -1.95E+01 -1.62E+01	39:19.7	11190.04 -1.62E+01
12/31/02 1:39:50	11220.002	3.116667	-7.983333 -1.96E+01 -1.62E+01	39:49.7	11220.04 -1.62E+01
12/31/02 1:40:20	11250.002	3.125001	-7.974999 -1.96E+01 -1.62E+01	40:19.7	11250.04 -1.62E+01
12/31/02 1:40:50	11280.002	3.133334	-7.966666 -1.96E+01 -1.63E+01	40:49.7	11280.04 -1.63E+01
12/31/02 1:41:20	11310.002	3.141667	-7.958333 -1.97E+01 -1.63E+01	41:19.7	11310.04 -1.63E+01
12/31/02 1:41:50	11340.002	3.150001	-7.949999 -1.97E+01 -1.63E+01	41:49.7	11340.04 -1.63E+01
12/31/02 1:42:20	11370.002	3.158334	-7.941666 -1.97E+01 -1.63E+01	42:19.7	11370.04 -1.63E+01
12/31/02 1:42:50	11400.002	3.166667	-7.933333 -1.96E+01 -1.63E+01	42:49.7	11400.04 -1.63E+01
12/31/02 1:43:20	11430.002	3.175001	-7.924999 -1.96E+01 -1.63E+01	43:19.7	11430.04 -1.63E+01
12/31/02 1:43:50	11460.002	3.183334	-7.916666 -1.96E+01 -1.64E+01	43:49.7	11460.04 -1.64E+01
12/31/02 1:44:20	11490.002	3.191667	-7.908333 -1.97E+01 -1.63E+01	44:19.7	11490.04 -1.63E+01
12/31/02 1:44:50	11520.002	3.200001	-7.899999 -1.97E+01 -1.64E+01	44:49.7	11520.04 -1.64E+01
12/31/02 1:45:20	11550.002	3.208334	-7.891666 -1.97E+01 -1.64E+01	45:19.7	11550.04 -1.64E+01
12/31/02 1:45:50	11580.002	3.216667	-7.883333 -1.97E+01 -1.64E+01	45:49.7	11580.04 -1.64E+01
12/31/02 1:46:20	11610.002	3.225001	-7.874999 -1.97E+01 -1.64E+01	46:19.7	11610.04 -1.64E+01
12/31/02 1:46:50	11640.002	3.233334	-7.866666 -1.98E+01 -1.65E+01	46:49.7	11640.04 -1.65E+01
12/31/02 1:47:20	11670.002	3.241667	-7.858333 -1.97E+01 -1.65E+01	47:19.7	11670.04 -1.65E+01
12/31/02 1:47:50	11700.002	3.250001	-7.849999 -1.98E+01 -1.65E+01	47:49.7	11700.04 -1.65E+01
12/31/02 1:48:20	11730.002	3.258334	-7.841666 -1.97E+01 -1.65E+01	48:19.7	11730.04 -1.65E+01
12/31/02 1:48:50	11760.002	3.266667	-7.833333 -1.97E+01 -1.65E+01	48:49.7	11760.04 -1.65E+01
12/31/02 1:49:20	11790.002	3.275001	-7.824999 -1.97E+01 -1.65E+01	49:19.7	11790.04 -1.65E+01
12/31/02 1:49:50	11820.002	3.283334	-7.816666 -1.97E+01 -1.65E+01	49:49.7	11820.04 -1.65E+01
12/31/02 1:50:20	11850.002	3.291667	-7.808333 -1.97E+01 -1.66E+01	50:19.7	11850.04 -1.66E+01
12/31/02 1:50:50	11880.002	3.300001	-7.799999 -1.97E+01 -1.66E+01	50:49.7	11880.04 -1.66E+01
12/31/02 1:51:20	11910.002	3.308334	-7.791666 -1.97E+01 -1.66E+01	51:19.7	11910.04 -1.66E+01
12/31/02 1:51:50	11940.002	3.316667	-7.783333 -1.97E+01 -1.66E+01	51:49.7	11940.04 -1.66E+01
12/31/02 1:52:20	11970.002	3.325001	-7.774999 -1.97E+01 -1.66E+01	52:19.7	11970.04 -1.66E+01
12/31/02 1:52:50	12000.002	3.333334	-7.766666 -1.97E+01 -1.66E+01	52:49.7	12000.04 -1.66E+01
12/31/02 1:53:20	12030.002	3.341667	-7.758333 -1.97E+01 -1.66E+01	53:19.7	12030.04 -1.66E+01
12/31/02 1:53:50	12060.002	3.350001	-7.749999 -1.96E+01 -1.67E+01	53:49.7	12060.04 -1.67E+01
12/31/02 1:54:20	12090.002	3.358334	-7.741666 -1.97E+01 -1.67E+01	54:19.7	12090.04 -1.67E+01
12/31/02 1:54:50	12120.002	3.366667	-7.733333 -1.98E+01 -1.67E+01	54:49.7	12120.04 -1.67E+01
12/31/02 1:55:20	12150.002	3.375001	-7.724999 -1.97E+01 -1.67E+01	55:19.7	12150.04 -1.67E+01
12/31/02 1:55:50	12180.002	3.383334	-7.716666 -1.98E+01 -1.67E+01	55:49.7	12180.04 -1.67E+01
12/31/02 1:56:20	12210.002	3.391667	-7.708333 -1.98E+01 -1.67E+01	56:19.7	12210.04 -1.67E+01
12/31/02 1:56:50	12240.002	3.400001	-7.699999 -1.98E+01 -1.67E+01	56:49.7	12240.04 -1.67E+01
12/31/02 1:57:20	12270.002	3.408334	-7.691666 -1.98E+01 -1.67E+01	57:19.7	12270.04 -1.67E+01
12/31/02 1:57:50	12300.002	3.416667	-7.683333 -1.98E+01 -1.67E+01	57:49.7	12300.04 -1.67E+01
12/31/02 1:58:20	12330.002	3.425001	-7.674999 -1.98E+01 -1.68E+01	58:19.7	12330.04 -1.68E+01
12/31/02 1:58:50	12360.002	3.433334	-7.666666 -1.98E+01 -1.68E+01	58:49.7	12360.04 -1.68E+01
12/31/02 1:59:20	12390.002	3.441667	-7.658333 -1.98E+01 -1.68E+01	59:19.7	12390.04 -1.68E+01
12/31/02 1:59:50	12420.002	3.450001	-7.649999 -1.98E+01 -1.68E+01	59:49.7	12420.04 -1.68E+01
12/31/02 2:00:20	12450.002	3.458334	-7.641666 -1.98E+01 -1.68E+01	00:19.7	12450.04 -1.68E+01
12/31/02 2:00:50	12480.002	3.466667	-7.633333 -1.98E+01 -1.69E+01	00:49.7	12480.04 -1.69E+01
12/31/02 2:01:20	12510.002	3.475001	-7.624999 -1.98E+01 -1.69E+01	01:19.7	12510.04 -1.69E+01
12/31/02 2:01:50	12540.002	3.483334	-7.616666 -1.97E+01 -1.69E+01	01:49.7	12540.04 -1.69E+01
12/31/02 2:02:20	12570.002	3.491667	-7.608333 -1.99E+01 -1.69E+01	02:19.7	12570.04 -1.69E+01
12/31/02 2:02:50	12600.002	3.500001	-7.599999 -1.99E+01 -1.69E+01	02:49.7	12600.04 -1.69E+01
12/31/02 2:03:20	12630.002	3.508334	-7.591666 -1.99E+01 -1.69E+01	03:19.7	12630.04 -1.69E+01
12/31/02 2:03:50	12660.002	3.516667	-7.583333 -1.99E+01 -1.69E+01	03:49.7	12660.04 -1.69E+01
12/31/02 2:04:20	12690.002	3.525001	-7.574999 -1.99E+01 -1.70E+01	04:19.7	12690.04 -1.70E+01
12/31/02 2:04:50	12720.002	3.533334	-7.566666 -1.99E+01 -1.70E+01	04:49.7	12720.04 -1.70E+01
12/31/02 2:05:20	12750.002	3.541667	-7.558333 -1.99E+01 -1.70E+01	05:19.7	12750.04 -1.70E+01
12/31/02 2:05:50	12780.002	3.550001	-7.549999 -2.00E+01 -1.71E+01	05:49.7	12780.04 -1.71E+01
12/31/02 2:06:20	12810.002	3.558334	-7.541666 -2.00E+01 -1.71E+01	06:19.7	12810.04 -1.71E+01
12/31/02 2:06:50	12840.002	3.566667	-7.533333 -2.00E+01 -1.71E+01	06:49.7	12840.04 -1.71E+01
12/31/02 2:07:20	12870.002	3.575001	-7.524999 -2.00E+01 -1.71E+01	07:19.7	12870.04 -1.71E+01
12/31/02 2:07:50	12900.002	3.583334	-7.516666 -2.00E+01 -1.71E+01	07:49.7	12900.04 -1.71E+01
12/31/02 2:08:20	12930.002	3.591667	-7.508333 -2.00E+01 -1.71E+01	08:19.7	12930.04 -1.71E+01
12/31/02 2:08:50	12960.002	3.600001	-7.499999 -2.00E+01 -1.71E+01	08:49.7	12960.04 -1.71E+01
12/31/02 2:09:20	12990.002	3.608334	-7.491666 -1.99E+01 -1.71E+01	09:19.7	12990.04 -1.71E+01
12/31/02 2:09:50	13020.002	3.616667	-7.483333 -1.99E+01 -1.72E+01	09:49.7	13020.04 -1.72E+01
12/31/02 2:10:20	13050.002	3.625001	-7.474999 -1.99E+01 -1.72E+01	10:19.7	13050.04 -1.72E+01
12/31/02 2:10:50	13080.002	3.633334	-7.466666 -2.00E+01 -1.72E+01	10:49.7	13080.04 -1.72E+01
12/31/02 2:11:20	13110.002	3.64166			

THERMALSHOCKMEDIUMTERM

12/31/02 2:15:50	13380.002	3.716667	-7.383333 -2.01E+01 -1.73E+01	15:49.7	13380.04 -1.73E+01
12/31/02 2:16:20	13410.002	3.725001	-7.374999 -2.00E+01 -1.73E+01	16:19.7	13410.04 -1.73E+01
12/31/02 2:16:50	13440.002	3.733334	-7.366666 -2.00E+01 -1.73E+01	16:49.7	13440.04 -1.73E+01
12/31/02 2:17:20	13470.002	3.741667	-7.358333 -2.00E+01 -1.73E+01	17:19.7	13470.04 -1.73E+01
12/31/02 2:17:50	13500.002	3.750001	-7.349999 -2.01E+01 -1.73E+01	17:49.7	13500.04 -1.73E+01
12/31/02 2:18:20	13530.002	3.758334	-7.341666 -2.01E+01 -1.73E+01	18:19.7	13530.04 -1.73E+01
12/31/02 2:18:50	13560.002	3.766667	-7.333333 -2.01E+01 -1.73E+01	18:49.7	13560.04 -1.73E+01
12/31/02 2:19:20	13590.002	3.775001	-7.324999 -2.01E+01 -1.73E+01	19:19.7	13590.04 -1.73E+01
12/31/02 2:19:50	13620.002	3.783334	-7.316666 -2.00E+01 -1.73E+01	19:49.7	13620.04 -1.73E+01
12/31/02 2:20:20	13650.002	3.791667	-7.308333 -2.00E+01 -1.73E+01	20:19.7	13650.04 -1.73E+01
12/31/02 2:20:50	13680.002	3.800001	-7.299999 -1.99E+01 -1.73E+01	20:49.7	13680.04 -1.73E+01
12/31/02 2:21:20	13710.002	3.808334	-7.291666 -2.00E+01 -1.74E+01	21:19.7	13710.04 -1.74E+01
12/31/02 2:21:50	13740.002	3.816667	-7.283333 -2.00E+01 -1.74E+01	21:49.7	13740.04 -1.74E+01
12/31/02 2:22:20	13770.002	3.825001	-7.274999 -2.01E+01 -1.74E+01	22:19.7	13770.04 -1.74E+01
12/31/02 2:22:50	13800.002	3.833334	-7.266666 -2.01E+01 -1.74E+01	22:49.7	13800.04 -1.74E+01
12/31/02 2:23:20	13830.002	3.841667	-7.258333 -2.00E+01 -1.74E+01	23:19.7	13830.04 -1.74E+01
12/31/02 2:23:50	13860.002	3.850001	-7.249999 -2.00E+01 -1.74E+01	23:49.7	13860.04 -1.74E+01
12/31/02 2:24:20	13890.002	3.858334	-7.241666 -2.00E+01 -1.74E+01	24:19.7	13890.04 -1.74E+01
12/31/02 2:24:50	13920.002	3.866667	-7.233333 -2.01E+01 -1.74E+01	24:49.7	13920.04 -1.74E+01
12/31/02 2:25:20	13950.002	3.875001	-7.224999 -2.00E+01 -1.74E+01	25:19.7	13950.04 -1.74E+01
12/31/02 2:25:50	13980.002	3.883334	-7.216666 -2.01E+01 -1.74E+01	25:49.7	13980.04 -1.74E+01
12/31/02 2:26:20	14010.002	3.891667	-7.208333 -2.00E+01 -1.74E+01	26:19.7	14010.04 -1.74E+01
12/31/02 2:26:50	14040.002	3.900001	-7.199999 -2.01E+01 -1.75E+01	26:49.7	14040.04 -1.75E+01
12/31/02 2:27:20	14070.002	3.908334	-7.191666 -2.01E+01 -1.75E+01	27:19.7	14070.04 -1.75E+01
12/31/02 2:27:50	14100.002	3.916667	-7.183333 -2.01E+01 -1.74E+01	27:49.7	14100.04 -1.74E+01
12/31/02 2:28:20	14130.002	3.925001	-7.174999 -2.01E+01 -1.75E+01	28:19.7	14130.04 -1.75E+01
12/31/02 2:28:50	14160.002	3.933334	-7.166666 -2.01E+01 -1.75E+01	28:49.7	14160.04 -1.75E+01
12/31/02 2:29:20	14190.002	3.941667	-7.158333 -2.01E+01 -1.75E+01	29:19.7	14190.04 -1.75E+01
12/31/02 2:29:50	14220.002	3.950001	-7.149999 -2.00E+01 -1.75E+01	29:49.7	14220.04 -1.75E+01
12/31/02 2:30:20	14250.002	3.958334	-7.141666 -2.00E+01 -1.75E+01	30:19.7	14250.04 -1.75E+01
12/31/02 2:30:50	14280.002	3.966667	-7.133333 -2.00E+01 -1.75E+01	30:49.7	14280.04 -1.75E+01
12/31/02 2:31:20	14310.002	3.975001	-7.124999 -2.00E+01 -1.75E+01	31:19.7	14310.04 -1.75E+01
12/31/02 2:31:50	14340.002	3.983334	-7.116666 -2.00E+01 -1.75E+01	31:49.7	14340.04 -1.75E+01
12/31/02 2:32:20	14370.002	3.991667	-7.108333 -2.01E+01 -1.75E+01	32:19.7	14370.04 -1.75E+01
12/31/02 2:32:50	14400.002	4.000001	-7.099999 -2.00E+01 -1.75E+01	32:49.7	14400.04 -1.75E+01
12/31/02 2:33:20	14430.002	4.008334	-7.091666 -2.01E+01 -1.76E+01	33:19.7	14430.04 -1.76E+01
12/31/02 2:33:50	14460.002	4.016667	-7.083333 -2.01E+01 -1.76E+01	33:49.7	14460.04 -1.76E+01
12/31/02 2:34:20	14490.002	4.025001	-7.074999 -2.01E+01 -1.76E+01	34:19.7	14490.04 -1.76E+01
12/31/02 2:34:50	14520.002	4.033334	-7.066666 -2.01E+01 -1.76E+01	34:49.7	14520.04 -1.76E+01
12/31/02 2:35:20	14550.002	4.041667	-7.058333 -2.01E+01 -1.76E+01	35:19.7	14550.04 -1.76E+01
12/31/02 2:35:50	14580.002	4.050001	-7.049999 -2.01E+01 -1.76E+01	35:49.7	14580.04 -1.76E+01
12/31/02 2:36:20	14610.002	4.058334	-7.041666 -2.01E+01 -1.76E+01	36:19.7	14610.04 -1.76E+01
12/31/02 2:36:50	14640.002	4.066667	-7.033333 -2.01E+01 -1.76E+01	36:49.7	14640.04 -1.76E+01
12/31/02 2:37:20	14670.002	4.075001	-7.024999 -2.00E+01 -1.76E+01	37:19.7	14670.04 -1.76E+01
12/31/02 2:37:50	14700.002	4.083334	-7.016666 -2.01E+01 -1.76E+01	37:49.7	14700.04 -1.76E+01
12/31/02 2:38:20	14730.002	4.091667	-7.008333 -2.02E+01 -1.76E+01	38:19.7	14730.04 -1.76E+01
12/31/02 2:38:50	14760.002	4.100001	-6.999999 -2.01E+01 -1.76E+01	38:49.7	14760.04 -1.76E+01
12/31/02 2:39:20	14790.002	4.108334	-6.991666 -2.01E+01 -1.76E+01	39:19.7	14790.04 -1.76E+01
12/31/02 2:39:50	14820.002	4.116667	-6.983333 -2.00E+01 -1.77E+01	39:49.7	14820.04 -1.77E+01
12/31/02 2:40:20	14850.002	4.125001	-6.974999 -2.01E+01 -1.77E+01	40:19.7	14850.04 -1.77E+01
12/31/02 2:40:50	14880.002	4.133334	-6.966666 -2.01E+01 -1.77E+01	40:49.7	14880.04 -1.77E+01
12/31/02 2:41:20	14910.002	4.141667	-6.958333 -2.02E+01 -1.77E+01	41:19.7	14910.04 -1.77E+01
12/31/02 2:41:50	14940.002	4.150001	-6.949999 -2.01E+01 -1.77E+01	41:49.7	14940.04 -1.77E+01
12/31/02 2:42:20	14970.002	4.158334	-6.941666 -2.01E+01 -1.77E+01	42:19.7	14970.04 -1.77E+01
12/31/02 2:42:50	15000.002	4.166667	-6.933333 -2.00E+01 -1.77E+01	42:49.7	15000.04 -1.77E+01
12/31/02 2:43:20	15030.002	4.175001	-6.924999 -2.01E+01 -1.77E+01	43:19.7	15030.04 -1.77E+01
12/31/02 2:43:50	15060.002	4.183334	-6.916666 -2.01E+01 -1.77E+01	43:49.7	15060.04 -1.77E+01
12/31/02 2:44:20	15090.002	4.191667	-6.908333 -2.01E+01 -1.77E+01	44:19.7	15090.04 -1.77E+01
12/31/02 2:44:50	15120.002	4.200001	-6.899999 -2.01E+01 -1.77E+01	44:49.7	15120.04 -1.77E+01
12/31/02 2:45:20	15150.002	4.208334	-6.891666 -2.02E+01 -1.77E+01	45:19.7	15150.04 -1.77E+01
12/31/02 2:45:50	15180.002	4.216667	-6.883333 -2.02E+01 -1.77E+01	45:49.7	15180.04 -1.77E+01
12/31/02 2:46:20	15210.002	4.225001	-6.874999 -2.01E+01 -1.78E+01	46:19.7	15210.04 -1.78E+01
12/31/02 2:46:50	15240.002	4.233334	-6.866666 -2.01E+01 -1.78E+01	46:49.7	15240.04 -1.78E+01
12/31/02 2:47:20	15270.002	4.241667	-6.858333 -2.01E+01 -1.78E+01	47:19.7	15270.04 -1.78E+01
12/31/02 2:47:50	15300.002	4.250001	-6.849999 -2.02E+01 -1.78E+01	47:49.7	15300.04 -1.78E+01
12/31/02 2:48:20	15330.002	4.258334	-6.841666 -2.02E+01 -1.78E+01	48:19.7	15330.04 -1.78E+01
12/31/02 2:48:50	15360.002	4.266667	-6.833333 -2.01E+01 -1.78E+01	48:49.7	15360.04 -1.78E+01
12/31/02 2:49:20	15390.002	4.275001	-6.824999 -2.02E+01 -1.78E+01	49:19.7	15390.04 -1.78E+01
12/31/02 2:49:50	15420.002	4.283334	-6.816666 -2.01E+01 -1.78E+01	49:49.7	15420.04 -1.78E+01
12/31/02 2:50:20	15450.002	4.291667	-6.808333 -2.02E+01 -1.78E+01	50:19.7	15450.04 -1.78E+01
12/31/02 2:50:50	15480.002	4.300001	-6.799999 -2.02E+01 -1.78E+01	50:49.7	15480.04 -1.78E+01
12/31/02 2:51:20	15510.002	4.308334	-6.791666 -2.01E+01 -1.78E+01	51:19.7	15510.04 -1.78E+01
12/31/02 2:51:50	15540.002	4.316667	-6.783333 -2.01E+01 -1.78E+01	51:49.7	15540.04 -1.78E+01
12/31/02 2:52:20	15570.002	4.325001	-6.774999 -2.02E+01 -1.78E+01	52:19.7	15570.04 -1.78E+01
12/31/02 2:52:50	15600.002	4.333334	-6.766666 -2.01E+01 -1.78E+01	52:49.7	15600.04 -1.78E+01
12/31/02 2:53:20	15630.002	4.341667	-6.758333 -2.02E+01 -1.78E+01	53:19.7	15630.04 -1.78E+01
12/31/02 2:53:50	15660.002	4.350001	-6.749999 -2.02E+01 -1.78E+01	53:49.7	15660.04 -1.78E+01
12/31/02 2:54:20	15690.002	4.358334	-6.741666 -2.02E+01 -1.79E+01	54:19.7	15690.04 -1.79E+01
12/31/02 2:54:50	15720.002	4.366667	-6.733333 -2.02E+01 -1.79E+01	54:49.7	15720.04 -1.79E+01
12/31/02 2:55:20	15750.002	4.375001	-6.724999 -2.02E+01 -1.79E+01	55:19.7	15750.04 -1.79E+01
12/31/02 2:55:50	15780.002	4.383334	-6.716666 -2.02E+01 -1.79E+01	55:49.7	15780.04 -1.79E+01
12/31/02 2:56:20	15810.002	4.391667	-6.708333 -2.02E+01 -1.79E+01	56:19.7	15810.04 -1.79E+01
12/31/02 2:56:50	15840.002	4.400001	-6.699999 -2.02E+01 -1.79E+01	56:49.7	15840.04 -1.79E+01
12/31/02 2:57:20	15870.002	4.408334	-6.691666 -2.02E+01 -1.79E+01	57:19.7	15870.04 -1.79E+01
12/31/02 2:57:50	15900.002	4.416667	-6.683333 -2.03E+01 -1.79E+01	57:49.7	15900.04 -1.79E+01
12/31/02 2:58:20	15930.002	4.425001	-6.674999 -2.02E+01 -1.79E+01	58:19.7	15930.04 -1.79E+01
12/31/02 2:58:50	15960.002	4.433334	-6.666666 -2.03E+01 -1.80E+01	58:49.7	15960.04 -1.80E+01
12/31/02 2:59:20	15990.002	4.441667	-6.658333 -2.02E+01 -1.80E+01	59:19.7	15990.04 -1.80E+01
12/31/02 2:59:50	16020.002	4.450001	-6.649999 -2.03E+01 -1.80E+01	59:49.7	16020.04 -1.80E+01
12/31/02 3:00:20	16050.002	4.458334	-6.641666 -2.03E+01 -1.80E+01	00:19.7	16050.04 -1.80E+01
12/31/02 3:00:50	16080.002	4.466667	-6.633333 -2.03E+01 -1.80E+01	00:49.7	16080.04 -1.80E+01
12/31/02 3:01:20	16110.002	4.475001	-6.624999 -2.03E+01 -1.80E+01	01:19.7	16110.04 -1.80E+01
12/31/02 3:01:50	16140.002	4.483334	-6.616666 -2.03E+01 -1.81E+01	01:49.7	16140.04 -1.81E+01
12/31/02 3:02:20	16170.002	4.491667	-6.608333 -2.03E+01 -1.81E+01	02:19.7	16170.04 -1.81E+01
12/31/02 3:02:50	16200.002	4.500001	-6.599999 -2.03E+01 -1.80E+01	02:49.7	16200.04 -1.80E+01
12/31/02 3:03:20	16230.002	4.508334	-6.591666 -2.04E+01 -1.81E+01	03:19.7	16230.04 -1.81E+01
12/31/02 3:03:50	16260.002	4.516667	-6.583333 -2.04E+01 -1.81E+01	03:49.7	16260.04 -1.81E+01
12/31/02 3:04:20	16290.002	4.525001	-6.574999 -2.04E+01 -1.81E+01	04:19.7	16290.04 -1.81E+01
12/31/02 3:04:50	16320.002	4.533334	-6.566666 -2.03E+01 -1.81E+01	04:49.7	16320.04 -1.81E+01
12/31/02 3:05:20	16350.002	4.541667	-6.558333 -2.04E+01 -1.81E+01	05:19.7	16350.04 -1.81E+01
12/31/02 3:05:50	16380.002	4.550001	-6.549999 -2.04E+01 -1.81E+01	05:49.7	16380.04 -1.81E+01
12/31/02 3:06:20	16410.002	4.558334	-6.541666 -2.04E+01 -1.81E+01	06:19.7	16410.04 -1.81E+01
12/31/02 3:06:50	16440.002	4.566667	-6.533333 -2.04E+01 -1.81E+01	06:49.7	16440.04 -1.81E+01
12/31/02 3:07:20	16470.002	4.575001	-6.524999 -2.04E+01 -1.81E+01	07:19.7	16470.04 -1.81E+01
12/31/02 3:07:50	16500.002	4.583334	-6.516666 -2.04E+01 -1.81E+01	07:49.7	16500.04 -1.81E+01
12/31/02 3:08:20	16530.002</				

THERMALSHOCKMEDIUMTERM

12/31/02 3:12:20	16770.002	4.658334	-6.441666 -2.04E+01 -1.81E+01	12/19/7	16770.04 -1.81E+01
12/31/02 3:12:50	16800.002	4.666667	-6.433333 -2.04E+01 -1.82E+01	12/19/7	16800.04 -1.82E+01
12/31/02 3:13:20	16830.002	4.675001	-6.424999 -2.03E+01 -1.81E+01	13/19/7	16830.04 -1.81E+01
12/31/02 3:13:50	16860.002	4.683334	-6.416666 -2.03E+01 -1.81E+01	13/19/7	16860.04 -1.81E+01
12/31/02 3:14:20	16890.002	4.691667	-6.408333 -2.03E+01 -1.81E+01	14/19/7	16890.04 -1.81E+01
12/31/02 3:14:50	16920.002	4.700001	-6.399999 -2.03E+01 -1.82E+01	14/19/7	16920.04 -1.82E+01
12/31/02 3:15:20	16950.002	4.708334	-6.391666 -2.04E+01 -1.82E+01	15/19/7	16950.04 -1.82E+01
12/31/02 3:15:50	16980.002	4.716667	-6.383333 -2.03E+01 -1.82E+01	15/19/7	16980.04 -1.82E+01
12/31/02 3:16:20	17010.002	4.725001	-6.374999 -2.03E+01 -1.82E+01	16/19/7	17010.04 -1.82E+01
12/31/02 3:16:50	17040.002	4.733334	-6.366666 -2.03E+01 -1.81E+01	16/19/7	17040.04 -1.81E+01
12/31/02 3:17:20	17070.002	4.741667	-6.358333 -2.03E+01 -1.81E+01	17/19/7	17070.04 -1.81E+01
12/31/02 3:17:50	17100.002	4.750001	-6.349999 -2.03E+01 -1.81E+01	17/19/7	17100.04 -1.81E+01
12/31/02 3:18:20	17130.002	4.758334	-6.341666 -2.03E+01 -1.81E+01	18/19/7	17130.04 -1.81E+01
12/31/02 3:18:50	17160.002	4.766667	-6.333333 -2.04E+01 -1.82E+01	18/19/7	17160.04 -1.82E+01
12/31/02 3:19:20	17190.002	4.775001	-6.324999 -2.03E+01 -1.82E+01	19/19/7	17190.04 -1.82E+01
12/31/02 3:19:50	17220.002	4.783334	-6.316666 -2.04E+01 -1.82E+01	19/19/7	17220.04 -1.82E+01
12/31/02 3:20:20	17250.002	4.791667	-6.308333 -2.03E+01 -1.82E+01	20/19/7	17250.04 -1.82E+01
12/31/02 3:20:50	17280.002	4.800001	-6.299999 -2.03E+01 -1.82E+01	20/19/7	17280.04 -1.82E+01
12/31/02 3:21:20	17310.002	4.808334	-6.291666 -2.03E+01		
12/31/02 3:21:50	17340.002	4.816667	-6.283333 -2.04E+01 -1.82E+01	21/19/7	17340.04 -1.82E+01
12/31/02 3:22:20	17370.002	4.825001	-6.274999 -2.03E+01 -1.82E+01	22/19/7	17370.04 -1.82E+01
12/31/02 3:22:50	17400.002	4.833334	-6.266666 -2.03E+01 -1.82E+01	22/19/7	17400.04 -1.82E+01
12/31/02 3:23:20	17430.002	4.841667	-6.258333 -2.03E+01 -1.82E+01	23/19/7	17430.04 -1.82E+01
12/31/02 3:23:50	17460.002	4.850001	-6.249999 -2.04E+01 -1.82E+01	23/19/7	17460.04 -1.82E+01
12/31/02 3:24:20	17490.002	4.858334	-6.241666 -2.04E+01 -1.82E+01	24/19/7	17490.04 -1.82E+01
12/31/02 3:24:50	17520.002	4.866667	-6.233333 -2.03E+01 -1.82E+01	24/19/7	17520.04 -1.82E+01
12/31/02 3:25:20	17550.002	4.875001	-6.224999 -2.03E+01 -1.82E+01	25/19/7	17550.04 -1.82E+01
12/31/02 3:25:50	17580.002	4.883334	-6.216666 -2.04E+01 -1.82E+01	25/19/7	17580.04 -1.82E+01
12/31/02 3:26:20	17610.002	4.891667	-6.208333 -2.04E+01 -1.82E+01	26/19/7	17610.04 -1.82E+01
12/31/02 3:26:50	17640.002	4.900001	-6.199999 -2.04E+01 -1.82E+01	26/19/7	17640.04 -1.82E+01
12/31/02 3:27:20	17670.002	4.908334	-6.191666 -2.04E+01 -1.82E+01	27/19/7	17670.04 -1.82E+01
12/31/02 3:27:50	17700.002	4.916667	-6.183333 -2.03E+01 -1.83E+01	27/19/7	17700.04 -1.83E+01
12/31/02 3:28:20	17730.002	4.925001	-6.174999 -2.04E+01 -1.82E+01	28/19/7	17730.04 -1.82E+01
12/31/02 3:28:50	17760.002	4.933334	-6.166666 -2.04E+01 -1.82E+01	28/19/7	17760.04 -1.82E+01
12/31/02 3:29:20	17790.002	4.941667	-6.158333 -2.03E+01 -1.82E+01	29/19/7	17790.04 -1.82E+01
12/31/02 3:29:50	17820.002	4.950001	-6.149999 -2.04E+01 -1.83E+01	29/19/7	17820.04 -1.83E+01
12/31/02 3:30:20	17850.002	4.958334	-6.141666 -2.04E+01 -1.83E+01	30/19/7	17850.04 -1.83E+01
12/31/02 3:30:50	17880.002	4.966667	-6.133333 -2.04E+01 -1.83E+01	30/19/7	17880.04 -1.83E+01
12/31/02 3:31:20	17910.002	4.975001	-6.124999 -2.04E+01 -1.83E+01	31/19/7	17910.04 -1.83E+01
12/31/02 3:31:50	17940.002	4.983334	-6.116666 -2.04E+01 -1.83E+01	31/19/7	17940.04 -1.83E+01
12/31/02 3:32:20	17970.002	4.991667	-6.108333 -2.04E+01 -1.83E+01	32/19/7	17970.04 -1.83E+01
12/31/02 3:32:50	18000.002	5.000001	-6.099999 -2.03E+01 -1.83E+01	32/19/7	18000.04 -1.83E+01
12/31/02 3:33:20	18030.002	5.008334	-6.091666 -2.04E+01 -1.83E+01	33/19/7	18030.04 -1.83E+01
12/31/02 3:33:50	18060.002	5.016667	-6.083333 -2.04E+01 -1.83E+01	33/19/7	18060.04 -1.83E+01
12/31/02 3:34:20	18090.002	5.025001	-6.074999 -2.04E+01 -1.83E+01	34/19/7	18090.04 -1.83E+01
12/31/02 3:34:50	18120.002	5.033334	-6.066666 -2.04E+01 -1.83E+01	34/19/7	18120.04 -1.83E+01
12/31/02 3:35:20	18150.002	5.041667	-6.058333 -2.04E+01 -1.83E+01	35/19/7	18150.04 -1.83E+01
12/31/02 3:35:50	18180.002	5.050001	-6.049999 -2.04E+01 -1.83E+01	35/19/7	18180.04 -1.83E+01
12/31/02 3:36:20	18210.002	5.058334	-6.041666 -2.04E+01 -1.83E+01	36/19/7	18210.04 -1.83E+01
12/31/02 3:36:50	18240.002	5.066667	-6.033333 -2.04E+01 -1.83E+01	36/19/7	18240.04 -1.83E+01
12/31/02 3:37:20	18270.002	5.075001	-6.024999 -2.04E+01 -1.83E+01	37/19/7	18270.04 -1.83E+01
12/31/02 3:37:50	18300.002	5.083334	-6.016666 -2.04E+01 -1.83E+01	37/19/7	18300.04 -1.83E+01
12/31/02 3:38:20	18330.002	5.091667	-6.008333 -2.05E+01 -1.83E+01	38/19/7	18330.04 -1.83E+01
12/31/02 3:38:50	18360.002	5.100001	-5.999999 -2.04E+01 -1.83E+01	38/19/7	18360.04 -1.83E+01
12/31/02 3:39:20	18390.002	5.108334	-5.991666 -2.04E+01 -1.83E+01	39/19/7	18390.04 -1.83E+01
12/31/02 3:39:50	18420.002	5.116667	-5.983333 -2.04E+01 -1.83E+01	39/19/7	18420.04 -1.83E+01
12/31/02 3:40:20	18450.002	5.125001	-5.974999 -2.04E+01 -1.83E+01	40/19/7	18450.04 -1.83E+01
12/31/02 3:40:50	18480.002	5.133334	-5.966666 -2.04E+01 -1.83E+01	40/19/7	18480.04 -1.83E+01
12/31/02 3:41:20	18510.002	5.141667	-5.958333 -2.04E+01 -1.83E+01	41/19/7	18510.04 -1.83E+01
12/31/02 3:41:50	18540.002	5.150001	-5.949999 -2.04E+01 -1.83E+01	41/19/7	18540.04 -1.83E+01
12/31/02 3:42:20	18570.002	5.158334	-5.941666 -2.05E+01 -1.83E+01	42/19/7	18570.04 -1.83E+01
12/31/02 3:42:50	18600.002	5.166667	-5.933333 -2.04E+01 -1.83E+01	42/19/7	18600.04 -1.83E+01
12/31/02 3:43:20	18630.002	5.175001	-5.924999 -2.04E+01 -1.83E+01	43/19/7	18630.04 -1.83E+01
12/31/02 3:43:50	18660.002	5.183334	-5.916666 -2.04E+01 -1.84E+01	43/19/7	18660.04 -1.84E+01
12/31/02 3:44:20	18690.002	5.191667	-5.908333 -2.04E+01 -1.84E+01	44/19/7	18690.04 -1.84E+01
12/31/02 3:44:50	18720.002	5.200001	-5.899999 -2.04E+01 -1.84E+01	44/19/7	18720.04 -1.84E+01
12/31/02 3:45:20	18750.002	5.208334	-5.891666 -2.04E+01 -1.84E+01	45/19/7	18750.04 -1.84E+01
12/31/02 3:45:50	18780.002	5.216667	-5.883333 -2.04E+01 -1.83E+01	45/19/7	18780.04 -1.83E+01
12/31/02 3:46:20	18810.002	5.225001	-5.874999 -2.04E+01 -1.84E+01	46/19/7	18810.04 -1.84E+01
12/31/02 3:46:50	18840.002	5.233334	-5.866666 -2.04E+01 -1.84E+01	46/19/7	18840.04 -1.84E+01
12/31/02 3:47:20	18870.002	5.241667	-5.858333 -2.04E+01 -1.84E+01	47/19/7	18870.04 -1.84E+01
12/31/02 3:47:50	18900.002	5.250001	-5.849999 -2.04E+01 -1.84E+01	47/19/7	18900.04 -1.84E+01
12/31/02 3:48:20	18930.002	5.258334	-5.841666 -2.04E+01 -1.84E+01	48/19/7	18930.04 -1.84E+01
12/31/02 3:48:50	18960.002	5.266667	-5.833333 -2.04E+01 -1.84E+01	48/19/7	18960.04 -1.84E+01
12/31/02 3:49:20	18990.002	5.275001	-5.824999 -2.04E+01 -1.84E+01	49/19/7	18990.04 -1.84E+01
12/31/02 3:49:50	19020.002	5.283334	-5.816666 -2.04E+01 -1.84E+01	49/19/7	19020.04 -1.84E+01
12/31/02 3:50:20	19050.002	5.291667	-5.808333 -2.04E+01 -1.84E+01	50/19/7	19050.04 -1.84E+01
12/31/02 3:50:50	19080.002	5.300001	-5.799999 -2.04E+01 -1.84E+01	50/19/7	19080.04 -1.84E+01
12/31/02 3:51:20	19110.002	5.308334	-5.791666 -2.04E+01 -1.84E+01	51/19/7	19110.04 -1.84E+01
12/31/02 3:51:50	19140.002	5.316667	-5.783333 -2.04E+01 -1.84E+01	51/19/7	19140.04 -1.84E+01
12/31/02 3:52:20	19170.002	5.325001	-5.774999 -2.03E+01 -1.84E+01	52/19/7	19170.04 -1.84E+01
12/31/02 3:52:50	19200.002	5.333334	-5.766666 -2.04E+01 -1.84E+01	52/19/7	19200.04 -1.84E+01
12/31/02 3:53:20	19230.002	5.341667	-5.758333 -2.04E+01 -1.84E+01	53/19/7	19230.04 -1.84E+01
12/31/02 3:53:50	19260.002	5.350001	-5.749999 -2.04E+01 -1.84E+01	53/19/7	19260.04 -1.84E+01
12/31/02 3:54:20	19290.002	5.358334	-5.741666 -2.04E+01 -1.84E+01	54/19/7	19290.04 -1.84E+01
12/31/02 3:54:50	19320.002	5.366667	-5.733333 -2.04E+01 -1.84E+01	54/19/7	19320.04 -1.84E+01
12/31/02 3:55:20	19350.002	5.375001	-5.724999 -2.04E+01 -1.84E+01	55/19/7	19350.04 -1.84E+01
12/31/02 3:55:50	19380.002	5.383334	-5.716666 -2.04E+01 -1.84E+01	55/19/7	19380.04 -1.84E+01
12/31/02 3:56:20	19410.002	5.391667	-5.708333 -2.04E+01 -1.84E+01	56/19/7	19410.04 -1.84E+01
12/31/02 3:56:50	19440.002	5.400001	-5.699999 -2.03E+01 -1.84E+01	56/19/7	19440.04 -1.84E+01
12/31/02 3:57:20	19470.002	5.408334	-5.691666 -2.04E+01 -1.84E+01	57/19/7	19470.04 -1.84E+01
12/31/02 3:57:50	19500.002	5.416667	-5.683333 -2.05E+01 -1.84E+01	57/19/7	19500.04 -1.84E+01
12/31/02 3:58:20	19530.002	5.425001	-5.674999 -2.05E+01 -1.84E+01	58/19/7	19530.04 -1.84E+01
12/31/02 3:58:50	19560.002	5.433334	-5.666666 -2.04E+01 -1.84E+01	58/19/7	19560.04 -1.84E+01
12/31/02 3:59:20	19590.002	5.441667	-5.658333 -2.05E+01 -1.84E+01	59/19/7	19590.04 -1.84E+01
12/31/02 3:59:50	19620.002	5.450001	-5.649999 -2.04E+01 -1.84E+01	59/19/7	19620.04 -1.84E+01
12/31/02 4:00:20	19650.002	5.458334	-5.641666 -2.04E+01 -1.84E+01	00/19/7	19650.04 -1.84E+01
12/31/02 4:00:50	19680.002	5.466667	-5.633333 -2.04E+01 -1.84E+01	00/19/7	19680.04 -1.84E+01
12/31/02 4:01:20	19710.002	5.475001	-5.624999 -2.04E+01 -1.84E+01	01/19/7	19710.04 -1.84E+01
12/31/02 4:01:50	19740.002	5.483334	-5.616666 -2.04E+01 -1.84E+01	01/19/7	19740.04 -1.84E+01
12/31/02 4:02:20	19770.002	5.491667	-5.608333 -2.05E+01 -1.84E+01	02/19/7	19770.04 -1.84E+01
12/31/02 4:02:50	19800.002	5.500001	-5.599999 -2.04E+01 -1.85E+01	02/19/7	19800.04 -1.85E+01
12/31/02 4:03:20	19830.002	5.508334	-5.591666 -2.04E+01 -1.84E+01	03/19/7	19830.04 -1.84E+01
12/31/02 4:03:50	19860.002	5.516667	-5.583333 -2.05E+01 -1.84E+01	03/19/7	19860.04 -1.84E+01
12/31/02 4:04:20	19890.002	5.525001	-5.574999 -2.04E+01 -1.84E+01	04/19/7	19890.04 -1.84E+01
12/31/02 4:04:50	19920.002	5.533334	-5.566666 -2.04E+01 -		

THERMALSHOCKMEDIUMTERM

12/31/02 4:08:50	20160.002	5.800001	-5.499999	-2.05E+01	-1.85E+01	08:49.7	20160.04	-1.85E+01
12/31/02 4:09:20	20190.002	5.808334	-5.491666	-2.05E+01	-1.85E+01	09:19.7	20190.04	-1.85E+01
12/31/02 4:09:50	20220.002	5.816667	-5.483333	-2.05E+01	-1.85E+01	09:49.7	20220.04	-1.85E+01
12/31/02 4:10:20	20250.002	5.825001	-5.474999	-2.05E+01	-1.85E+01	10:19.7	20250.04	-1.85E+01
12/31/02 4:10:50	20280.002	5.833334	-5.466666	-2.04E+01	-1.85E+01	10:49.7	20280.04	-1.85E+01
12/31/02 4:11:20	20310.002	5.841667	-5.458333	-2.05E+01	-1.85E+01	11:19.7	20310.04	-1.85E+01
12/31/02 4:11:50	20340.002	5.850001	-5.449999	-2.05E+01	-1.85E+01	11:49.7	20340.04	-1.85E+01
12/31/02 4:12:20	20370.002	5.858334	-5.441666	-2.05E+01	-1.85E+01	12:19.7	20370.04	-1.85E+01
12/31/02 4:12:50	20400.002	5.866667	-5.433333	-2.06E+01	-1.86E+01	12:49.7	20400.04	-1.86E+01
12/31/02 4:13:20	20430.002	5.875001	-5.424999	-2.05E+01	-1.86E+01	13:19.7	20430.04	-1.86E+01
12/31/02 4:13:50	20460.002	5.883334	-5.416666	-2.05E+01	-1.86E+01	13:49.7	20460.04	-1.86E+01
12/31/02 4:14:20	20490.002	5.891667	-5.408333	-2.05E+01	-1.86E+01	14:19.7	20490.04	-1.86E+01
12/31/02 4:14:50	20520.002	5.700001	-5.399999	-2.05E+01	-1.86E+01	14:49.7	20520.04	-1.86E+01
12/31/02 4:15:20	20550.002	5.708334	-5.391666	-2.06E+01	-1.86E+01	15:19.7	20550.04	-1.86E+01
12/31/02 4:15:50	20580.002	5.716667	-5.383333	-2.05E+01	-1.86E+01	15:49.7	20580.04	-1.86E+01
12/31/02 4:16:20	20610.002	5.725001	-5.374999	-2.06E+01	-1.86E+01	16:19.7	20610.04	-1.86E+01
12/31/02 4:16:50	20640.002	5.733334	-5.366666	-2.06E+01	-1.86E+01	16:49.7	20640.04	-1.86E+01
12/31/02 4:17:20	20670.002	5.741667	-5.358333	-2.06E+01	-1.86E+01	17:19.7	20670.04	-1.86E+01
12/31/02 4:17:50	20700.002	5.750001	-5.349999	-2.06E+01	-1.86E+01	17:49.7	20700.04	-1.86E+01
12/31/02 4:18:20	20730.002	5.758334	-5.341666	-2.06E+01	-1.86E+01	18:19.7	20730.04	-1.86E+01
12/31/02 4:18:50	20760.002	5.766667	-5.333333	-2.06E+01	-1.86E+01	18:49.7	20760.04	-1.86E+01
12/31/02 4:19:20	20790.002	5.775001	-5.324999	-2.05E+01	-1.86E+01	19:19.7	20790.04	-1.86E+01
12/31/02 4:19:50	20820.002	5.783334	-5.316666	-2.06E+01	-1.86E+01	19:49.7	20820.04	-1.86E+01
12/31/02 4:20:20	20850.002	5.791667	-5.308333	-2.06E+01	-1.86E+01	20:19.7	20850.04	-1.86E+01
12/31/02 4:20:50	20880.002	5.800001	-5.299999	-2.06E+01	-1.86E+01	20:49.7	20880.04	-1.86E+01
12/31/02 4:21:20	20910.002	5.808334	-5.291666	-2.06E+01	-1.87E+01	21:19.7	20910.04	-1.87E+01
12/31/02 4:21:50	20940.002	5.816667	-5.283333	-2.06E+01	-1.86E+01	21:49.7	20940.04	-1.86E+01
12/31/02 4:22:20	20970.002	5.825001	-5.274999	-2.06E+01	-1.86E+01	22:19.7	20970.04	-1.86E+01
12/31/02 4:22:50	21000.002	5.833334	-5.266666	-2.06E+01	-1.87E+01	22:49.7	21000.04	-1.87E+01
12/31/02 4:23:20	21030.002	5.841667	-5.258333	-2.06E+01	-1.87E+01	23:19.7	21030.04	-1.87E+01
12/31/02 4:23:50	21060.002	5.850001	-5.249999	-2.06E+01	-1.86E+01	23:49.7	21060.04	-1.86E+01
12/31/02 4:24:20	21090.002	5.858334	-5.241666	-2.06E+01	-1.86E+01	24:19.7	21090.04	-1.86E+01
12/31/02 4:24:50	21120.002	5.866667	-5.233333	-2.06E+01	-1.86E+01	24:49.7	21120.04	-1.86E+01
12/31/02 4:25:20	21150.002	5.875001	-5.224999	-2.06E+01	-1.86E+01	25:19.7	21150.04	-1.86E+01
12/31/02 4:25:50	21180.002	5.883334	-5.216666	-2.06E+01	-1.86E+01	25:49.7	21180.04	-1.86E+01
12/31/02 4:26:20	21210.002	5.891667	-5.208333	-2.06E+01	-1.86E+01	26:19.7	21210.04	-1.86E+01
12/31/02 4:26:50	21240.002	5.900001	-5.199999	-2.06E+01	-1.86E+01	26:49.7	21240.04	-1.86E+01
12/31/02 4:27:20	21270.002	5.908334	-5.191666	-2.06E+01	-1.86E+01	27:19.7	21270.04	-1.86E+01
12/31/02 4:27:50	21300.002	5.916667	-5.183333	-2.06E+01	-1.86E+01	27:49.7	21300.04	-1.86E+01
12/31/02 4:28:20	21330.002	5.925001	-5.174999	-2.06E+01	-1.86E+01	28:19.7	21330.04	-1.86E+01
12/31/02 4:28:50	21360.002	5.933334	-5.166666	-2.06E+01	-1.86E+01	28:49.7	21360.04	-1.86E+01
12/31/02 4:29:20	21390.002	5.941667	-5.158333	-2.06E+01	-1.87E+01	29:19.7	21390.04	-1.87E+01
12/31/02 4:29:50	21420.002	5.950001	-5.149999	-2.05E+01	-1.86E+01	29:49.7	21420.04	-1.86E+01
12/31/02 4:30:20	21450.002	5.958334	-5.141666	-2.06E+01	-1.86E+01	30:19.7	21450.04	-1.86E+01
12/31/02 4:30:50	21480.002	5.966667	-5.133333	-2.05E+01	-1.87E+01	30:49.7	21480.04	-1.87E+01
12/31/02 4:31:20	21510.002	5.975001	-5.124999	-2.06E+01	-1.86E+01	31:19.7	21510.04	-1.86E+01
12/31/02 4:31:50	21540.002	5.983334	-5.116666	-2.06E+01	-1.86E+01	31:49.7	21540.04	-1.86E+01
12/31/02 4:32:20	21570.002	5.991667	-5.108333	-2.06E+01	-1.86E+01	32:19.7	21570.04	-1.86E+01
12/31/02 4:32:50	21600.002	6.000001	-5.099999	-2.06E+01	-1.86E+01	32:49.7	21600.04	-1.86E+01
12/31/02 4:33:20	21630.002	6.008334	-5.091666	-2.06E+01	-1.86E+01	33:19.7	21630.04	-1.86E+01
12/31/02 4:33:50	21660.002	6.016667	-5.083333	-2.05E+01	-1.86E+01	33:49.7	21660.04	-1.86E+01
12/31/02 4:34:20	21690.002	6.025001	-5.074999	-2.05E+01	-1.86E+01	34:19.7	21690.04	-1.86E+01
12/31/02 4:34:50	21720.002	6.033334	-5.066666	-2.05E+01	-1.86E+01	34:49.7	21720.04	-1.86E+01
12/31/02 4:35:20	21750.002	6.041667	-5.058333	-2.06E+01	-1.86E+01	35:19.7	21750.04	-1.86E+01
12/31/02 4:35:50	21780.002	6.050001	-5.049999	-2.06E+01	-1.86E+01	35:49.7	21780.04	-1.86E+01
12/31/02 4:36:20	21810.002	6.058334	-5.041666	-2.06E+01	-1.86E+01	36:19.7	21810.04	-1.86E+01
12/31/02 4:36:50	21840.002	6.066667	-5.033333	-2.05E+01	-1.86E+01	36:49.7	21840.04	-1.86E+01
12/31/02 4:37:20	21870.002	6.075001	-5.024999	-2.06E+01	-1.87E+01	37:19.7	21870.04	-1.87E+01
12/31/02 4:37:50	21900.002	6.083334	-5.016666	-2.06E+01	-1.86E+01	37:49.7	21900.04	-1.86E+01
12/31/02 4:38:20	21930.002	6.091667	-5.008333	-2.06E+01	-1.86E+01	38:19.7	21930.04	-1.86E+01
12/31/02 4:38:50	21960.002	6.100001	-5.000000	-2.06E+01	-1.86E+01	38:49.7	21960.04	-1.86E+01
12/31/02 4:39:20	21990.002	6.108334	-4.991666	-2.05E+01	-1.86E+01	39:19.7	21990.04	-1.86E+01
12/31/02 4:39:50	22020.002	6.116667	-4.983333	-2.06E+01	-1.87E+01	39:49.7	22020.04	-1.87E+01
12/31/02 4:40:20	22050.002	6.125001	-4.974999	-2.06E+01	-1.87E+01	40:19.7	22050.04	-1.87E+01
12/31/02 4:40:50	22080.002	6.133334	-4.966666	-2.05E+01	-1.87E+01	40:49.7	22080.04	-1.87E+01
12/31/02 4:41:20	22110.002	6.141667	-4.958333	-2.05E+01	-1.86E+01	41:19.7	22110.04	-1.86E+01
12/31/02 4:41:50	22140.002	6.150001	-4.949999	-2.05E+01	-1.86E+01	41:49.7	22140.04	-1.86E+01
12/31/02 4:42:20	22170.002	6.158334	-4.941666	-2.05E+01	-1.87E+01	42:19.7	22170.04	-1.87E+01
12/31/02 4:42:50	22200.002	6.166667	-4.933333	-2.05E+01	-1.87E+01	42:49.7	22200.04	-1.87E+01
12/31/02 4:43:20	22230.002	6.175001	-4.924999	-2.05E+01	-1.87E+01	43:19.7	22230.04	-1.87E+01
12/31/02 4:43:50	22260.002	6.183334	-4.916666	-2.05E+01	-1.87E+01	43:49.7	22260.04	-1.87E+01
12/31/02 4:44:20	22290.002	6.191667	-4.908333	-2.05E+01	-1.87E+01	44:19.7	22290.04	-1.87E+01
12/31/02 4:44:50	22320.002	6.200001	-4.899999	-2.05E+01	-1.87E+01	44:49.7	22320.04	-1.87E+01
12/31/02 4:45:20	22350.002	6.208334	-4.891666	-2.06E+01	-1.87E+01	45:19.7	22350.04	-1.87E+01
12/31/02 4:45:50	22380.002	6.216667	-4.883333	-2.05E+01	-1.87E+01	45:49.7	22380.04	-1.87E+01
12/31/02 4:46:20	22410.002	6.225001	-4.874999	-2.06E+01	-1.87E+01	46:19.7	22410.04	-1.87E+01
12/31/02 4:46:50	22440.002	6.233334	-4.866666	-2.05E+01	-1.86E+01	46:49.7	22440.04	-1.86E+01
12/31/02 4:47:20	22470.002	6.241667	-4.858333	-2.05E+01	-1.87E+01	47:19.7	22470.04	-1.87E+01
12/31/02 4:47:50	22500.002	6.250001	-4.849999	-2.05E+01	-1.87E+01	47:49.7	22500.04	-1.87E+01
12/31/02 4:48:20	22530.002	6.258334	-4.841666	-2.06E+01	-1.87E+01	48:19.7	22530.04	-1.87E+01
12/31/02 4:48:50	22560.002	6.266667	-4.833333	-2.05E+01	-1.87E+01	48:49.7	22560.04	-1.87E+01
12/31/02 4:49:20	22590.002	6.275001	-4.824999	-2.05E+01	-1.87E+01	49:19.7	22590.04	-1.87E+01
12/31/02 4:49:50	22620.002	6.283334	-4.816666	-2.05E+01	-1.87E+01	49:49.7	22620.04	-1.87E+01
12/31/02 4:50:20	22650.002	6.291667	-4.808333	-2.06E+01	-1.87E+01	50:19.7	22650.04	-1.87E+01
12/31/02 4:50:50	22680.002	6.300001	-4.799999	-2.06E+01	-1.87E+01	50:49.7	22680.04	-1.87E+01
12/31/02 4:51:20	22710.002	6.308334	-4.791666	-2.05E+01	-1.87E+01	51:19.7	22710.04	-1.87E+01
12/31/02 4:51:50	22740.002	6.316667	-4.783333	-2.05E+01	-1.87E+01	51:49.7	22740.04	-1.87E+01
12/31/02 4:52:20	22770.002	6.325001	-4.774999	-2.06E+01	-1.87E+01	52:19.7	22770.04	-1.87E+01
12/31/02 4:52:50	22800.002	6.333334	-4.766666	-2.05E+01	-1.87E+01	52:49.7	22800.04	-1.87E+01
12/31/02 4:53:20	22830.002	6.341667	-4.758333	-2.05E+01	-1.87E+01	53:19.7	22830.04	-1.87E+01
12/31/02 4:53:50	22860.002	6.350001	-4.749999	-2.06E+01	-1.87E+01	53:49.7	22860.04	-1.87E+01
12/31/02 4:54:20	22890.002	6.358334	-4.741666	-2.06E+01	-1.87E+01	54:19.7	22890.04	-1.87E+01
12/31/02 4:54:50	22920.002	6.366667	-4.733333	-2.06E+01	-1.87E+01	54:49.7	22920.04	-1.87E+01
12/31/02 4:55:20	22950.002	6.375001	-4.724999	-2.05E+01	-1.87E+01	55:19.7	22950.04	-1.87E+01
12/31/02 4:55:50	22980.002	6.383334	-4.716666	-2.06E+01	-1.87E+01	55:49.7	22980.04	-1.87E+01
12/31/02 4:56:20	23010.002	6.391667	-4.708333	-				

THERMALSHOCKMEDIUMTERM

12/31/02 5:05:20	23550.002	6.541667	-4.558333 -2.05E+01 -1.87E+01	05:19.7	23550.04 -1.87E+01
12/31/02 5:05:50	23580.002	6.550001	-4.549999 -2.05E+01 -1.87E+01	05:49.7	23580.04 -1.87E+01
12/31/02 5:06:20	23610.002	6.558334	-4.541666 -2.06E+01 -1.87E+01	06:19.7	23610.04 -1.87E+01
12/31/02 5:06:50	23640.002	6.566667	-4.533333 -2.06E+01 -1.87E+01	06:49.7	23640.04 -1.87E+01
12/31/02 5:07:20	23670.002	6.575001	-4.524999 -2.06E+01 -1.87E+01	07:19.7	23670.04 -1.87E+01
12/31/02 5:07:50	23700.002	6.583334	-4.516666 -2.06E+01 -1.87E+01	07:49.7	23700.04 -1.87E+01
12/31/02 5:08:20	23730.002	6.591667	-4.508333 -2.06E+01 -1.87E+01	08:19.7	23730.04 -1.87E+01
12/31/02 5:08:50	23760.002	6.600001	-4.499999 -2.06E+01 -1.87E+01	08:49.7	23760.04 -1.87E+01
12/31/02 5:09:20	23790.002	6.608334	-4.491666 -2.06E+01 -1.87E+01	09:19.7	23790.04 -1.87E+01
12/31/02 5:09:50	23820.002	6.616667	-4.483333 -2.06E+01 -1.87E+01	09:49.7	23820.04 -1.87E+01
12/31/02 5:10:20	23850.002	6.625001	-4.474999 -2.06E+01 -1.88E+01	10:19.7	23850.04 -1.88E+01
12/31/02 5:10:50	23880.002	6.633334	-4.466666 -2.07E+01 -1.88E+01	10:49.7	23880.04 -1.88E+01
12/31/02 5:11:20	23910.002	6.641667	-4.458333 -2.06E+01 -1.88E+01	11:19.7	23910.04 -1.88E+01
12/31/02 5:11:50	23940.002	6.650001	-4.449999 -2.06E+01 -1.88E+01	11:49.7	23940.04 -1.88E+01
12/31/02 5:12:20	23970.002	6.658334	-4.441666 -2.07E+01 -1.88E+01	12:19.7	23970.04 -1.88E+01
12/31/02 5:12:50	24000.002	6.666667	-4.433333 -2.07E+01 -1.88E+01	12:49.7	24000.04 -1.88E+01
12/31/02 5:13:20	24030.002	6.675001	-4.424999 -2.07E+01 -1.88E+01	13:19.7	24030.04 -1.88E+01
12/31/02 5:13:50	24060.002	6.683334	-4.416666 -2.07E+01 -1.88E+01	13:49.7	24060.04 -1.88E+01
12/31/02 5:14:20	24090.002	6.691667	-4.408333 -2.07E+01 -1.88E+01	14:19.7	24090.04 -1.88E+01
12/31/02 5:14:50	24120.002	6.700001	-4.399999 -2.07E+01 -1.88E+01	14:49.7	24120.04 -1.88E+01
12/31/02 5:15:20	24150.002	6.708334	-4.391666 -2.07E+01 -1.88E+01	15:19.7	24150.04 -1.88E+01
12/31/02 5:15:50	24180.002	6.716667	-4.383333 -2.07E+01 -1.88E+01	15:49.7	24180.04 -1.88E+01
12/31/02 5:16:20	24210.002	6.725001	-4.374999 -2.07E+01 -1.88E+01	16:19.7	24210.04 -1.88E+01
12/31/02 5:16:50	24240.002	6.733334	-4.366666 -2.07E+01 -1.88E+01	16:49.7	24240.04 -1.88E+01
12/31/02 5:17:20	24270.002	6.741667	-4.358333 -2.07E+01 -1.88E+01	17:19.7	24270.04 -1.88E+01
12/31/02 5:17:50	24300.002	6.750001	-4.349999 -2.07E+01 -1.88E+01	17:49.7	24300.04 -1.88E+01
12/31/02 5:18:20	24330.002	6.758334	-4.341666 -2.07E+01 -1.88E+01	18:19.7	24330.04 -1.88E+01
12/31/02 5:18:50	24360.002	6.766667	-4.333333 -2.07E+01 -1.88E+01	18:49.7	24360.04 -1.88E+01
12/31/02 5:19:20	24390.002	6.775001	-4.324999 -2.07E+01 -1.88E+01	19:19.7	24390.04 -1.88E+01
12/31/02 5:19:50	24420.002	6.783334	-4.316666 -2.06E+01 -1.88E+01	19:49.7	24420.04 -1.88E+01
12/31/02 5:20:20	24450.002	6.791667	-4.308333 -2.06E+01 -1.88E+01	20:19.7	24450.04 -1.88E+01
12/31/02 5:20:50	24480.002	6.800001	-4.299999 -2.07E+01 -1.88E+01	20:49.7	24480.04 -1.88E+01
12/31/02 5:21:20	24510.002	6.808334	-4.291666 -2.07E+01 -1.88E+01	21:19.7	24510.04 -1.88E+01
12/31/02 5:21:50	24540.002	6.816667	-4.283333 -2.07E+01 -1.88E+01	21:49.7	24540.04 -1.88E+01
12/31/02 5:22:20	24570.002	6.825001	-4.274999 -2.07E+01 -1.88E+01	22:19.7	24570.04 -1.88E+01
12/31/02 5:22:50	24600.002	6.833334	-4.266666 -2.06E+01 -1.88E+01	22:49.7	24600.04 -1.88E+01
12/31/02 5:23:20	24630.002	6.841667	-4.258333 -2.06E+01 -1.88E+01	23:19.7	24630.04 -1.88E+01
12/31/02 5:23:50	24660.002	6.850001	-4.249999 -2.06E+01 -1.88E+01	23:49.7	24660.04 -1.88E+01
12/31/02 5:24:20	24690.002	6.858334	-4.241666 -2.07E+01 -1.88E+01	24:19.7	24690.04 -1.88E+01
12/31/02 5:24:50	24720.002	6.866667	-4.233333 -2.06E+01 -1.88E+01	24:49.7	24720.04 -1.88E+01
12/31/02 5:25:20	24750.002	6.875001	-4.224999 -2.07E+01 -1.88E+01	25:19.7	24750.04 -1.88E+01
12/31/02 5:25:50	24780.002	6.883334	-4.216666 -2.06E+01 -1.88E+01	25:49.7	24780.04 -1.88E+01
12/31/02 5:26:20	24810.002	6.891667	-4.208333 -2.06E+01 -1.88E+01	26:19.7	24810.04 -1.88E+01
12/31/02 5:26:50	24840.002	6.900001	-4.199999 -2.06E+01 -1.88E+01	26:49.7	24840.04 -1.88E+01
12/31/02 5:27:20	24870.002	6.908334	-4.191666 -2.06E+01 -1.88E+01	27:19.7	24870.04 -1.88E+01
12/31/02 5:27:50	24900.002	6.916667	-4.183333 -2.06E+01 -1.88E+01	27:49.7	24900.04 -1.88E+01
12/31/02 5:28:20	24930.002	6.925001	-4.174999 -2.06E+01 -1.88E+01	28:19.7	24930.04 -1.88E+01
12/31/02 5:28:50	24960.002	6.933334	-4.166666 -2.07E+01 -1.88E+01	28:49.7	24960.04 -1.88E+01
12/31/02 5:29:20	24990.002	6.941667	-4.158333 -2.06E+01 -1.88E+01	29:19.7	24990.04 -1.88E+01
12/31/02 5:29:50	25020.002	6.950001	-4.149999 -2.06E+01 -1.88E+01	29:49.7	25020.04 -1.88E+01
12/31/02 5:30:20	25050.002	6.958334	-4.141666 -2.06E+01 -1.88E+01	30:19.7	25050.04 -1.88E+01
12/31/02 5:30:50	25080.002	6.966667	-4.133333 -2.06E+01 -1.88E+01	30:49.7	25080.04 -1.88E+01
12/31/02 5:31:20	25110.002	6.975001	-4.124999 -2.06E+01 -1.88E+01	31:19.7	25110.04 -1.88E+01
12/31/02 5:31:50	25140.002	6.983334	-4.116666 -2.06E+01 -1.88E+01	31:49.7	25140.04 -1.88E+01
12/31/02 5:32:20	25170.002	6.991667	-4.108333 -2.06E+01 -1.88E+01	32:19.7	25170.04 -1.88E+01
12/31/02 5:32:50	25200.002	7.000001	-4.099999 -2.06E+01 -1.88E+01	32:49.7	25200.04 -1.88E+01
12/31/02 5:33:20	25230.002	7.008334	-4.091666 -2.06E+01 -1.88E+01	33:19.7	25230.04 -1.88E+01
12/31/02 5:33:50	25260.002	7.016667	-4.083333 -2.06E+01 -1.88E+01	33:49.7	25260.04 -1.88E+01
12/31/02 5:34:20	25290.002	7.025001	-4.074999 -2.06E+01 -1.88E+01	34:19.7	25290.04 -1.88E+01
12/31/02 5:34:50	25320.002	7.033334	-4.066666 -2.06E+01 -1.88E+01	34:49.7	25320.04 -1.88E+01
12/31/02 5:35:20	25350.002	7.041667	-4.058333 -2.06E+01 -1.88E+01	35:19.7	25350.04 -1.88E+01
12/31/02 5:35:50	25380.002	7.050001	-4.049999 -2.06E+01 -1.88E+01	35:49.7	25380.04 -1.88E+01
12/31/02 5:36:20	25410.002	7.058334	-4.041666 -2.06E+01 -1.88E+01	36:19.7	25410.04 -1.88E+01
12/31/02 5:36:50	25440.002	7.066667	-4.033333 -2.06E+01 -1.88E+01	36:49.7	25440.04 -1.88E+01
12/31/02 5:37:20	25470.002	7.075001	-4.024999 -2.06E+01 -1.88E+01	37:19.7	25470.04 -1.88E+01
12/31/02 5:37:50	25500.002	7.083334	-4.016666 -2.06E+01 -1.88E+01	37:49.7	25500.04 -1.88E+01
12/31/02 5:38:20	25530.002	7.091667	-4.008333 -2.06E+01 -1.88E+01	38:19.7	25530.04 -1.88E+01
12/31/02 5:38:50	25560.002	7.100001	-3.999999 -2.06E+01 -1.88E+01	38:49.7	25560.04 -1.88E+01
12/31/02 5:39:20	25590.002	7.108334	-3.991666 -2.06E+01 -1.88E+01	39:19.7	25590.04 -1.88E+01
12/31/02 5:39:50	25620.002	7.116667	-3.983333 -2.06E+01 -1.88E+01	39:49.7	25620.04 -1.88E+01
12/31/02 5:40:20	25650.002	7.125001	-3.974999 -2.06E+01 -1.88E+01	40:19.7	25650.04 -1.88E+01
12/31/02 5:40:50	25680.002	7.133334	-3.966666 -2.06E+01 -1.88E+01	40:49.7	25680.04 -1.88E+01
12/31/02 5:41:20	25710.002	7.141667	-3.958333 -2.06E+01 -1.88E+01	41:19.7	25710.04 -1.88E+01
12/31/02 5:41:50	25740.002	7.150001	-3.949999 -2.06E+01 -1.88E+01	41:49.7	25740.04 -1.88E+01
12/31/02 5:42:20	25770.002	7.158334	-3.941666 -2.06E+01 -1.88E+01	42:19.7	25770.04 -1.88E+01
12/31/02 5:42:50	25800.002	7.166667	-3.933333 -2.06E+01 -1.88E+01	42:49.7	25800.04 -1.88E+01
12/31/02 5:43:20	25830.002	7.175001	-3.924999 -2.06E+01 -1.88E+01	43:19.7	25830.04 -1.88E+01
12/31/02 5:43:50	25860.002	7.183334	-3.916666 -2.05E+01 -1.88E+01	43:49.7	25860.04 -1.88E+01
12/31/02 5:44:20	25890.002	7.191667	-3.908333 -2.05E+01 -1.88E+01	44:19.7	25890.04 -1.88E+01
12/31/02 5:44:50	25920.002	7.200001	-3.899999 -2.06E+01 -1.88E+01	44:49.7	25920.04 -1.88E+01
12/31/02 5:45:20	25950.002	7.208334	-3.891666 -2.06E+01 -1.88E+01	45:19.7	25950.04 -1.88E+01
12/31/02 5:45:50	25980.002	7.216667	-3.883333 -2.06E+01 -1.88E+01	45:49.7	25980.04 -1.88E+01
12/31/02 5:46:20	26010.002	7.225001	-3.874999 -2.06E+01 -1.88E+01	46:19.7	26010.04 -1.88E+01
12/31/02 5:46:50	26040.002	7.233334	-3.866666 -2.06E+01 -1.88E+01	46:49.7	26040.04 -1.88E+01
12/31/02 5:47:20	26070.002	7.241667	-3.858333 -2.06E+01 -1.88E+01	47:19.7	26070.04 -1.88E+01
12/31/02 5:47:50	26100.002	7.250001	-3.849999 -2.06E+01 -1.88E+01	47:49.7	26100.04 -1.88E+01
12/31/02 5:48:20	26130.002	7.258334	-3.841666 -2.06E+01 -1.88E+01	48:19.7	26130.04 -1.88E+01
12/31/02 5:48:50	26160.002	7.266667	-3.833333 -2.05E+01 -1.88E+01	48:49.7	26160.04 -1.88E+01
12/31/02 5:49:20	26190.002	7.275001	-3.824999 -2.06E+01 -1.88E+01	49:19.7	26190.04 -1.88E+01
12/31/02 5:49:50	26220.002	7.283334	-3.816666 -2.06E+01 -1.88E+01	49:49.7	26220.04 -1.88E+01
12/31/02 5:50:20	26250.002	7.291667	-3.808333 -2.05E+01 -1.88E+01	50:19.7	26250.04 -1.88E+01
12/31/02 5:50:50	26280.002	7.300001	-3.799999 -2.05E+01 -1.88E+01	50:49.7	26280.04 -1.88E+01
12/31/02 5:51:20	26310.002	7.308334	-3.791666 -2.06E+01 -1.88E+01	51:19.7	26310.04 -1.88E+01
12/31/02 5:51:50	26340.002	7.316667	-3.783333 -2.05E+01 -1.88E+01	51:49.7	26340.04 -1.88E+01
12/31/02 5:52:20	26370.002	7.325001	-3.774999 -2.05E+01 -1.88E+01	52:19.7	26370.04 -1.88E+01
12/31/02 5:52:50	26400.002	7.333334	-3.766666 -2.06E+01 -1.88E+01	52:49.7	26400.04 -1.88E+01
12/31/02 5:53:20	26430.002	7.341667	-3.758333 -2.06E+01 -1.88E+01	53:19.7	26430.04 -1.88E+01
12/31/02 5:53:50	26460.002	7.350001	-3.749999 -2.06E+01 -1.88E+01	53:49.7	26460.04 -1.88E+01
12/31/02 5:54:20	26490.002	7.358334	-3.741666 -2.05E+01 -1.88E+01	54:19.7	26490.04 -1.88E+01
12/31/02 5:54:50	26520.002	7.366667	-3.733333 -2.06E+01 -1.88E+01	54:49.7	26520.04 -1.88E+01
12/31/02 5:55:20	26550.002	7.375001	-3.724999 -2.06E+01 -1.88E+01	55:19.7	26550.04 -1.88E+01
12/31/02 5:55:50	26580.002	7.383334	-3.716666 -2.06E+01 -1.88E+01	55:49.7	26580.04 -1.88E+01
12/31/02 5:56:20	26610.002	7.391667	-3.708333 -2.06E+01 -1.88E+01	56:19.7	26610.04 -1.88E+01
12/31/02 5:56:50	26640.002	7.400001	-3.699999 -2.06E+01 -1.88E+01	56:49.7	26640.04 -1.88E+01
12/31/02 5:57:20	26670.002	7.4083			

THERMALSHOCKMEDIUMTERM

12/31/02 6:01:50	26940.002	7.483334	-3.616666	-2.07E+01	-1.89E+01	01:49.7	26940.04	-1.89E+01
12/31/02 6:02:20	26970.002	7.491667	-3.608333	-2.07E+01	-1.89E+01	02:19.7	26970.04	-1.89E+01
12/31/02 6:02:50	27000.002	7.500001	-3.599999	-2.06E+01	-1.89E+01	02:49.7	27000.04	-1.89E+01
12/31/02 6:03:20	27030.002	7.508334	-3.591666	-2.07E+01	-1.89E+01	03:19.7	27030.04	-1.89E+01
12/31/02 6:03:50	27060.002	7.516667	-3.583333	-2.07E+01	-1.89E+01	03:49.7	27060.04	-1.89E+01
12/31/02 6:04:20	27090.002	7.525001	-3.574999	-2.07E+01	-1.89E+01	04:19.7	27090.04	-1.89E+01
12/31/02 6:04:50	27120.002	7.533334	-3.566666	-2.07E+01	-1.89E+01	04:49.7	27120.04	-1.89E+01
12/31/02 6:05:20	27150.002	7.541667	-3.558333	-2.07E+01	-1.89E+01	05:19.7	27150.04	-1.89E+01
12/31/02 6:05:50	27180.002	7.550001	-3.549999	-2.07E+01	-1.89E+01	05:49.7	27180.04	-1.89E+01
12/31/02 6:06:20	27210.002	7.558334	-3.541666	-2.07E+01	-1.89E+01	06:19.7	27210.04	-1.89E+01
12/31/02 6:06:50	27240.002	7.566667	-3.533333	-2.06E+01	-1.89E+01	06:49.7	27240.04	-1.89E+01
12/31/02 6:07:20	27270.002	7.575001	-3.524999	-2.07E+01	-1.89E+01	07:19.7	27270.04	-1.89E+01
12/31/02 6:07:50	27300.002	7.583334	-3.516666	-2.06E+01	-1.89E+01	07:49.7	27300.04	-1.89E+01
12/31/02 6:08:20	27330.002	7.591667	-3.508333	-2.07E+01	-1.89E+01	08:19.7	27330.04	-1.89E+01
12/31/02 6:08:50	27360.002	7.600001	-3.499999	-2.07E+01	-1.89E+01	08:49.7	27360.04	-1.89E+01
12/31/02 6:09:20	27390.002	7.608334	-3.491666	-2.06E+01	-1.89E+01	09:19.7	27390.04	-1.89E+01
12/31/02 6:09:50	27420.002	7.616667	-3.483333	-2.07E+01	-1.89E+01	09:49.7	27420.04	-1.89E+01
12/31/02 6:10:20	27450.002	7.625001	-3.474999	-2.07E+01	-1.89E+01	10:19.7	27450.04	-1.89E+01
12/31/02 6:10:50	27480.002	7.633334	-3.466666	-2.07E+01	-1.89E+01	10:49.7	27480.04	-1.89E+01
12/31/02 6:11:20	27510.002	7.641667	-3.458333	-2.07E+01	-1.89E+01	11:19.7	27510.04	-1.89E+01
12/31/02 6:11:50	27540.002	7.650001	-3.449999	-2.07E+01	-1.89E+01	11:49.7	27540.04	-1.89E+01
12/31/02 6:12:20	27570.002	7.658334	-3.441666	-2.07E+01	-1.89E+01	12:19.7	27570.04	-1.89E+01
12/31/02 6:12:50	27600.002	7.666667	-3.433333	-2.06E+01	-1.89E+01	12:49.7	27600.04	-1.89E+01
12/31/02 6:13:20	27630.002	7.675001	-3.424999	-2.06E+01	-1.89E+01	13:19.7	27630.04	-1.89E+01
12/31/02 6:13:50	27660.002	7.683334	-3.416666	-2.06E+01	-1.89E+01	13:49.7	27660.04	-1.89E+01
12/31/02 6:14:20	27690.002	7.691667	-3.408333	-2.06E+01	-1.89E+01	14:19.7	27690.04	-1.89E+01
12/31/02 6:14:50	27720.002	7.700001	-3.399999	-2.06E+01	-1.89E+01	14:49.7	27720.04	-1.89E+01
12/31/02 6:15:20	27750.002	7.708334	-3.391666	-2.07E+01	-1.89E+01	15:19.7	27750.04	-1.89E+01
12/31/02 6:15:50	27780.002	7.716667	-3.383333	-2.07E+01	-1.89E+01	15:49.7	27780.04	-1.89E+01
12/31/02 6:16:20	27810.002	7.725001	-3.374999	-2.07E+01	-1.89E+01	16:19.7	27810.04	-1.89E+01
12/31/02 6:16:50	27840.002	7.733334	-3.366666	-2.07E+01	-1.89E+01	16:49.7	27840.04	-1.89E+01
12/31/02 6:17:20	27870.002	7.741667	-3.358333	-2.07E+01	-1.89E+01	17:19.7	27870.04	-1.89E+01
12/31/02 6:17:50	27900.002	7.750001	-3.349999	-2.06E+01	-1.89E+01	17:49.7	27900.04	-1.89E+01
12/31/02 6:18:20	27930.002	7.758334	-3.341666	-2.06E+01	-1.89E+01	18:19.7	27930.04	-1.89E+01
12/31/02 6:18:50	27960.002	7.766667	-3.333333	-2.06E+01	-1.89E+01	18:49.7	27960.04	-1.89E+01
12/31/02 6:19:20	27990.002	7.775001	-3.324999	-2.06E+01	-1.89E+01	19:19.7	27990.04	-1.89E+01
12/31/02 6:19:50	28020.002	7.783334	-3.316666	-2.06E+01	-1.89E+01	19:49.7	28020.04	-1.89E+01
12/31/02 6:20:20	28050.002	7.791667	-3.308333	-2.07E+01	-1.89E+01	20:19.7	28050.04	-1.89E+01
12/31/02 6:20:50	28080.002	7.800001	-3.299999	-2.07E+01	-1.89E+01	20:49.7	28080.04	-1.89E+01
12/31/02 6:21:20	28110.002	7.808334	-3.291666	-2.07E+01	-1.89E+01	21:19.7	28110.04	-1.89E+01
12/31/02 6:21:50	28140.002	7.816667	-3.283333	-2.07E+01	-1.89E+01	21:49.7	28140.04	-1.89E+01
12/31/02 6:22:20	28170.002	7.825001	-3.274999	-2.07E+01	-1.89E+01	22:19.7	28170.04	-1.89E+01
12/31/02 6:22:50	28200.002	7.833334	-3.266666	-2.07E+01	-1.89E+01	22:49.7	28200.04	-1.89E+01
12/31/02 6:23:20	28230.002	7.841667	-3.258333	-2.07E+01	-1.89E+01	23:19.7	28230.04	-1.89E+01
12/31/02 6:23:50	28260.002	7.850001	-3.249999	-2.07E+01	-1.89E+01	23:49.7	28260.04	-1.89E+01
12/31/02 6:24:20	28290.002	7.858334	-3.241666	-2.06E+01	-1.89E+01	24:19.7	28290.04	-1.89E+01
12/31/02 6:24:50	28320.002	7.866667	-3.233333	-2.06E+01	-1.89E+01	24:49.7	28320.04	-1.89E+01
12/31/02 6:25:20	28350.002	7.875001	-3.224999	-2.07E+01	-1.89E+01	25:19.7	28350.04	-1.89E+01
12/31/02 6:25:50	28380.002	7.883334	-3.216666	-2.06E+01	-1.89E+01	25:49.7	28380.04	-1.89E+01
12/31/02 6:26:20	28410.002	7.891667	-3.208333	-2.07E+01	-1.89E+01	26:19.7	28410.04	-1.89E+01
12/31/02 6:26:50	28440.002	7.900001	-3.199999	-2.07E+01	-1.89E+01	26:49.7	28440.04	-1.89E+01
12/31/02 6:27:20	28470.002	7.908334	-3.191666	-2.07E+01	-1.89E+01	27:19.7	28470.04	-1.89E+01
12/31/02 6:27:50	28500.002	7.916667	-3.183333	-2.07E+01	-1.89E+01	27:49.7	28500.04	-1.89E+01
12/31/02 6:28:20	28530.002	7.925001	-3.174999	-2.06E+01	-1.89E+01	28:19.7	28530.04	-1.89E+01
12/31/02 6:28:50	28560.002	7.933334	-3.166666	-2.07E+01	-1.89E+01	28:49.7	28560.04	-1.89E+01
12/31/02 6:29:20	28590.002	7.941667	-3.158333	-2.06E+01	-1.89E+01	29:19.7	28590.04	-1.89E+01
12/31/02 6:29:50	28620.002	7.950001	-3.149999	-2.06E+01	-1.89E+01	29:49.7	28620.04	-1.89E+01
12/31/02 6:30:20	28650.002	7.958334	-3.141666	-2.06E+01	-1.89E+01	30:19.7	28650.04	-1.89E+01
12/31/02 6:30:50	28680.002	7.966667	-3.133333	-2.07E+01	-1.89E+01	30:49.7	28680.04	-1.89E+01
12/31/02 6:31:20	28710.002	7.975001	-3.124999	-2.07E+01	-1.89E+01	31:19.7	28710.04	-1.89E+01
12/31/02 6:31:50	28740.002	7.983334	-3.116666	-2.06E+01	-1.89E+01	31:49.7	28740.04	-1.89E+01
12/31/02 6:32:20	28770.002	7.991667	-3.108333	-2.07E+01	-1.89E+01	32:19.7	28770.04	-1.89E+01
12/31/02 6:32:50	28800.002	8.000001	-3.099999	-2.06E+01	-1.89E+01	32:49.7	28800.04	-1.89E+01
12/31/02 6:33:20	28830.002	8.008334	-3.091666	-2.06E+01	-1.89E+01	33:19.7	28830.04	-1.89E+01
12/31/02 6:33:50	28860.002	8.016667	-3.083333	-2.06E+01	-1.89E+01	33:49.7	28860.04	-1.89E+01
12/31/02 6:34:20	28890.002	8.025001	-3.074999	-2.06E+01	-1.89E+01	34:19.7	28890.04	-1.89E+01
12/31/02 6:34:50	28920.002	8.033334	-3.066666	-2.06E+01	-1.89E+01	34:49.7	28920.04	-1.89E+01
12/31/02 6:35:20	28950.002	8.041667	-3.058333	-2.06E+01	-1.89E+01	35:19.7	28950.04	-1.89E+01
12/31/02 6:35:50	28980.002	8.050001	-3.049999	-2.07E+01	-1.89E+01	35:49.7	28980.04	-1.89E+01
12/31/02 6:36:20	29010.002	8.058334	-3.041666	-2.06E+01	-1.89E+01	36:19.7	29010.04	-1.89E+01
12/31/02 6:36:50	29040.002	8.066667	-3.033333	-2.07E+01	-1.89E+01	36:49.7	29040.04	-1.89E+01
12/31/02 6:37:20	29070.002	8.075001	-3.024999	-2.06E+01	-1.89E+01	37:19.7	29070.04	-1.89E+01
12/31/02 6:37:50	29100.002	8.083334	-3.016666	-2.06E+01	-1.89E+01	37:49.7	29100.04	-1.89E+01
12/31/02 6:38:20	29130.002	8.091667	-3.008333	-2.06E+01	-1.89E+01	38:19.7	29130.04	-1.89E+01
12/31/02 6:38:50	29160.002	8.100001	-2.999999	-2.06E+01	-1.89E+01	38:49.7	29160.04	-1.89E+01
12/31/02 6:39:20	29190.002	8.108334	-2.991666	-2.07E+01	-1.89E+01	39:19.7	29190.04	-1.89E+01
12/31/02 6:39:50	29220.002	8.116667	-2.983333	-2.06E+01	-1.89E+01	39:49.7	29220.04	-1.89E+01
12/31/02 6:40:20	29250.002	8.125001	-2.974999	-2.06E+01	-1.89E+01	40:19.7	29250.04	-1.89E+01
12/31/02 6:40:50	29280.002	8.133334	-2.966666	-2.06E+01	-1.89E+01	40:49.7	29280.04	-1.89E+01
12/31/02 6:41:20	29310.002	8.141667	-2.958333	-2.07E+01	-1.89E+01	41:19.7	29310.04	-1.89E+01
12/31/02 6:41:50	29340.002	8.150001	-2.949999	-2.06E+01	-1.89E+01	41:49.7	29340.04	-1.89E+01
12/31/02 6:42:20	29370.002	8.158334	-2.941666	-2.06E+01	-1.89E+01	42:19.7	29370.04	-1.89E+01
12/31/02 6:42:50	29400.002	8.166667	-2.933333	-2.06E+01	-1.89E+01	42:49.7	29400.04	-1.89E+01
12/31/02 6:43:20	29430.002	8.175001	-2.924999	-2.06E+01	-1.89E+01	43:19.7	29430.04	-1.89E+01
12/31/02 6:43:50	29460.002	8.183334	-2.916666	-2.06E+01	-1.89E+01	43:49.7	29460.04	-1.89E+01
12/31/02 6:44:20	29490.002	8.191667	-2.908333	-2.06E+01	-1.89E+01	44:19.7	29490.04	-1.89E+01
12/31/02 6:44:50	29520.002	8.200001	-2.899999	-2.06E+01	-1.89E+01	44:49.7	29520.04	-1.89E+01
12/31/02 6:45:20	29550.002	8.208334	-2.891666	-2.06E+01	-1.89E+01	45:19.7	29550.04	-1.89E+01
12/31/02 6:45:50	29580.002	8.216667	-2.883333	-2.06E+01	-1.89E+01	45:49.7	29580.04	-1.89E+01
12/31/02 6:46:20	29610.002	8.225001	-2.874999	-2.06E+01	-1.89E+01	46:19.7	29610.04	-1.89E+01
12/31/02 6:46:50	29640.002	8.233334	-2.866666	-2.06E+01	-1.89E+01	46:49.7	29640.04	-1.89E+01
12/31/02 6:47:20	29670.002	8.241667	-2.858333	-2.06E+01	-1.89E+01	47:19.7	29670.04	-1.89E+01
12/31/02 6:47:50	29700.002	8.250001	-2.849999	-2.06E+01	-1.89E+01	47:49.7	29700.04	-1.89E+01
12/31/02 6:48:20	29730.002	8.258334	-2.841666	-2.06E+01	-1.89E+01	48:19.7	29730.04	-1.89E+01
12/31/02 6:48:50	29760.002	8.266667	-2.833333	-2.05E+01	-1.89E+01	48:49.		

THERMALSHOCKMEDIUMTERM

12/31/02 6:58:20	30330.002	8.425001	-2.874999 -2.07E+01 -1.89E+01	58.19.7	30330.04 -1.89E+01
12/31/02 6:58:50	30360.002	8.433334	-2.866666 -2.07E+01 -1.89E+01	58.49.7	30360.04 -1.89E+01
12/31/02 6:59:20	30390.002	8.441667	-2.858333 -2.07E+01 -1.89E+01	59.19.7	30390.04 -1.89E+01
12/31/02 6:59:50	30420.002	8.450001	-2.849999 -2.07E+01 -1.89E+01	59.49.7	30420.04 -1.89E+01
12/31/02 7:00:20	30450.002	8.458334	-2.841666 -2.07E+01 -1.89E+01	00.19.7	30450.04 -1.89E+01
12/31/02 7:00:50	30480.002	8.466667	-2.833333 -2.07E+01 -1.89E+01	00.49.7	30480.04 -1.89E+01
12/31/02 7:01:20	30510.002	8.475001	-2.824999 -2.07E+01 -1.89E+01	01.19.7	30510.04 -1.89E+01
12/31/02 7:01:50	30540.002	8.483334	-2.816666 -2.07E+01 -1.89E+01	01.49.7	30540.04 -1.89E+01
12/31/02 7:02:20	30570.002	8.491667	-2.808333 -2.07E+01 -1.89E+01	02.19.7	30570.04 -1.89E+01
12/31/02 7:02:50	30600.002	8.500001	-2.799999 -2.07E+01 -1.89E+01	02.49.7	30600.04 -1.89E+01
12/31/02 7:03:20	30630.002	8.508334	-2.791666 -2.07E+01 -1.89E+01	03.19.7	30630.04 -1.89E+01
12/31/02 7:03:50	30660.002	8.516667	-2.783333 -2.06E+01 -1.89E+01	03.49.7	30660.04 -1.89E+01
12/31/02 7:04:20	30690.002	8.525001	-2.774999 -2.06E+01 -1.89E+01	04.19.7	30690.04 -1.89E+01
12/31/02 7:04:50	30720.002	8.533334	-2.766666 -2.06E+01 -1.89E+01	04.49.7	30720.04 -1.89E+01
12/31/02 7:05:20	30750.002	8.541667	-2.758333 -2.06E+01 -1.89E+01	05.19.7	30750.04 -1.89E+01
12/31/02 7:05:50	30780.002	8.550001	-2.749999 -2.06E+01 -1.89E+01	05.49.7	30780.04 -1.89E+01
12/31/02 7:06:20	30810.002	8.558334	-2.741666 -2.06E+01 -1.89E+01	06.19.7	30810.04 -1.89E+01
12/31/02 7:06:50	30840.002	8.566667	-2.733333 -2.06E+01 -1.89E+01	06.49.7	30840.04 -1.89E+01
12/31/02 7:07:20	30870.002	8.575001	-2.724999 -2.07E+01 -1.89E+01	07.19.7	30870.04 -1.89E+01
12/31/02 7:07:50	30900.002	8.583334	-2.716666 -2.07E+01 -1.89E+01	07.49.7	30900.04 -1.89E+01
12/31/02 7:08:20	30930.002	8.591667	-2.708333 -2.07E+01 -1.89E+01	08.19.7	30930.04 -1.89E+01
12/31/02 7:08:50	30960.002	8.600001	-2.699999 -2.07E+01 -1.89E+01	08.49.7	30960.04 -1.89E+01
12/31/02 7:09:20	30990.002	8.608334	-2.691666 -2.07E+01 -1.89E+01	09.19.7	30990.04 -1.89E+01
12/31/02 7:09:50	31020.002	8.616667	-2.683333 -2.07E+01 -1.89E+01	09.49.7	31020.04 -1.89E+01
12/31/02 7:10:20	31050.002	8.625001	-2.674999 -2.06E+01 -1.89E+01	10.19.7	31050.04 -1.89E+01
12/31/02 7:10:50	31080.002	8.633334	-2.666666 -2.07E+01 -1.89E+01	10.49.7	31080.04 -1.89E+01
12/31/02 7:11:20	31110.002	8.641667	-2.658333 -2.07E+01 -1.89E+01	11.19.7	31110.04 -1.89E+01
12/31/02 7:11:50	31140.002	8.650001	-2.649999 -2.07E+01 -1.89E+01	11.49.7	31140.04 -1.89E+01
12/31/02 7:12:20	31170.002	8.658334	-2.641666 -2.06E+01 -1.89E+01	12.19.7	31170.04 -1.89E+01
12/31/02 7:12:50	31200.002	8.666667	-2.633333 -2.06E+01 -1.89E+01	12.49.7	31200.04 -1.89E+01
12/31/02 7:13:20	31230.002	8.675001	-2.624999 -2.07E+01 -1.89E+01	13.19.7	31230.04 -1.89E+01
12/31/02 7:13:50	31260.002	8.683334	-2.616666 -2.07E+01 -1.89E+01	13.49.7	31260.04 -1.89E+01
12/31/02 7:14:20	31290.002	8.691667	-2.608333 -2.07E+01 -1.89E+01	14.19.7	31290.04 -1.89E+01
12/31/02 7:14:50	31320.002	8.700001	-2.599999 -2.06E+01 -1.89E+01	14.49.7	31320.04 -1.89E+01
12/31/02 7:15:20	31350.002	8.708334	-2.591666 -2.06E+01 -1.89E+01	15.19.7	31350.04 -1.89E+01
12/31/02 7:15:50	31380.002	8.716667	-2.583333 -2.06E+01 -1.89E+01	15.49.7	31380.04 -1.89E+01
12/31/02 7:16:20	31410.002	8.725001	-2.574999 -2.07E+01 -1.89E+01	16.19.7	31410.04 -1.89E+01
12/31/02 7:16:50	31440.002	8.733334	-2.566666 -2.06E+01 -1.89E+01	16.49.7	31440.04 -1.89E+01
12/31/02 7:17:20	31470.002	8.741667	-2.558333 -2.06E+01 -1.89E+01	17.19.7	31470.04 -1.89E+01
12/31/02 7:17:50	31500.002	8.750001	-2.549999 -2.06E+01 -1.89E+01	17.49.7	31500.04 -1.89E+01
12/31/02 7:18:20	31530.002	8.758334	-2.541666 -2.07E+01 -1.89E+01	18.19.7	31530.04 -1.89E+01
12/31/02 7:18:50	31560.002	8.766667	-2.533333 -2.07E+01 -1.89E+01	18.49.7	31560.04 -1.89E+01
12/31/02 7:19:20	31590.002	8.775001	-2.524999 -2.07E+01 -1.89E+01	19.19.7	31590.04 -1.89E+01
12/31/02 7:19:50	31620.002	8.783334	-2.516666 -2.06E+01 -1.89E+01	19.49.7	31620.04 -1.89E+01
12/31/02 7:20:20	31650.002	8.791667	-2.508333 -2.07E+01 -1.89E+01	20.19.7	31650.04 -1.89E+01
12/31/02 7:20:50	31680.002	8.800001	-2.499999 -2.06E+01 -1.89E+01	20.49.7	31680.04 -1.89E+01
12/31/02 7:21:20	31710.002	8.808334	-2.491666 -2.07E+01 -1.89E+01	21.19.7	31710.04 -1.89E+01
12/31/02 7:21:50	31740.002	8.816667	-2.483333 -2.06E+01 -1.89E+01	21.49.7	31740.04 -1.89E+01
12/31/02 7:22:20	31770.002	8.825001	-2.474999 -2.06E+01 -1.89E+01	22.19.7	31770.04 -1.89E+01
12/31/02 7:22:50	31800.002	8.833334	-2.466666 -2.06E+01 -1.89E+01	22.49.7	31800.04 -1.89E+01
12/31/02 7:23:20	31830.002	8.841667	-2.458333 -2.07E+01 -1.89E+01	23.19.7	31830.04 -1.89E+01
12/31/02 7:23:50	31860.002	8.850001	-2.449999 -2.07E+01 -1.89E+01	23.49.7	31860.04 -1.89E+01
12/31/02 7:24:20	31890.002	8.858334	-2.441666 -2.07E+01 -1.89E+01	24.19.7	31890.04 -1.89E+01
12/31/02 7:24:50	31920.002	8.866667	-2.433333 -2.06E+01 -1.89E+01	24.49.7	31920.04 -1.89E+01
12/31/02 7:25:20	31950.002	8.875001	-2.424999 -2.06E+01 -1.89E+01	25.19.7	31950.04 -1.89E+01
12/31/02 7:25:50	31980.002	8.883334	-2.416666 -2.06E+01 -1.89E+01	25.49.7	31980.04 -1.89E+01
12/31/02 7:26:20	32010.002	8.891667	-2.408333 -2.06E+01 -1.89E+01	26.19.7	32010.04 -1.89E+01
12/31/02 7:26:50	32040.002	8.900001	-2.399999 -2.07E+01 -1.89E+01	26.49.7	32040.04 -1.89E+01
12/31/02 7:27:20	32070.002	8.908334	-2.391666 -2.06E+01 -1.89E+01	27.19.7	32070.04 -1.89E+01
12/31/02 7:27:50	32100.002	8.916667	-2.383333 -2.07E+01 -1.89E+01	27.49.7	32100.04 -1.89E+01
12/31/02 7:28:20	32130.002	8.925001	-2.374999 -2.07E+01 -1.89E+01	28.19.7	32130.04 -1.89E+01
12/31/02 7:28:50	32160.002	8.933334	-2.366666 -2.07E+01 -1.89E+01	28.49.7	32160.04 -1.89E+01
12/31/02 7:29:20	32190.002	8.941667	-2.358333 -2.07E+01 -1.89E+01	29.19.7	32190.04 -1.89E+01
12/31/02 7:29:50	32220.002	8.950001	-2.349999 -2.06E+01 -1.89E+01	29.49.7	32220.04 -1.89E+01
12/31/02 7:30:20	32250.002	8.958334	-2.341666 -2.06E+01 -1.89E+01	30.19.7	32250.04 -1.89E+01
12/31/02 7:30:50	32280.002	8.966667	-2.333333 -2.06E+01 -1.89E+01	30.49.7	32280.04 -1.89E+01
12/31/02 7:31:20	32310.002	8.975001	-2.324999 -2.07E+01 -1.89E+01	31.19.7	32310.04 -1.89E+01
12/31/02 7:31:50	32340.002	8.983334	-2.316666 -2.06E+01 -1.89E+01	31.49.7	32340.04 -1.89E+01
12/31/02 7:32:20	32370.002	8.991667	-2.308333 -2.06E+01 -1.89E+01	32.19.7	32370.04 -1.89E+01
12/31/02 7:32:50	32400.002	9.000001	-2.299999 -2.06E+01 -1.89E+01	32.49.7	32400.04 -1.89E+01
12/31/02 7:33:20	32430.002	9.008334	-2.291666 -2.06E+01 -1.89E+01	33.19.7	32430.04 -1.89E+01
12/31/02 7:33:50	32460.002	9.016667	-2.283333 -2.06E+01 -1.89E+01	33.49.7	32460.04 -1.89E+01
12/31/02 7:34:20	32490.002	9.025001	-2.274999 -2.06E+01 -1.89E+01	34.19.7	32490.04 -1.89E+01
12/31/02 7:34:50	32520.002	9.033334	-2.266666 -2.06E+01 -1.89E+01	34.49.7	32520.04 -1.89E+01
12/31/02 7:35:20	32550.002	9.041667	-2.258333 -2.06E+01 -1.89E+01	35.19.7	32550.04 -1.89E+01
12/31/02 7:35:50	32580.002	9.050001	-2.249999 -2.07E+01 -1.89E+01	35.49.7	32580.04 -1.89E+01
12/31/02 7:36:20	32610.002	9.058334	-2.241666 -2.06E+01 -1.89E+01	36.19.7	32610.04 -1.89E+01
12/31/02 7:36:50	32640.002	9.066667	-2.233333 -2.06E+01 -1.89E+01	36.49.7	32640.04 -1.89E+01
12/31/02 7:37:20	32670.002	9.075001	-2.224999 -2.06E+01 -1.89E+01	37.19.7	32670.04 -1.89E+01
12/31/02 7:37:50	32700.002	9.083334	-2.216666 -2.06E+01 -1.89E+01	37.49.7	32700.04 -1.89E+01
12/31/02 7:38:20	32730.002	9.091667	-2.208333 -2.05E+01 -1.89E+01	38.19.7	32730.04 -1.89E+01
12/31/02 7:38:50	32760.002	9.100001	-2.199999 -2.06E+01 -1.89E+01	38.49.7	32760.04 -1.89E+01
12/31/02 7:39:20	32790.002	9.108334	-2.191666 -2.06E+01 -1.89E+01	39.19.7	32790.04 -1.89E+01
12/31/02 7:39:50	32820.002	9.116667	-2.183333 -2.07E+01 -1.89E+01	39.49.7	32820.04 -1.89E+01
12/31/02 7:40:20	32850.002	9.125001	-2.174999 -2.07E+01 -1.89E+01	40.19.7	32850.04 -1.89E+01
12/31/02 7:40:50	32880.002	9.133334	-2.166666 -2.07E+01 -1.89E+01	40.49.7	32880.04 -1.89E+01
12/31/02 7:41:20	32910.002	9.141667	-2.158333 -2.06E+01 -1.89E+01	41.19.7	32910.04 -1.89E+01
12/31/02 7:41:50	32940.002	9.150001	-2.149999 -2.06E+01 -1.89E+01	41.49.7	32940.04 -1.89E+01
12/31/02 7:42:20	32970.002	9.158334	-2.141666 -2.07E+01 -1.89E+01	42.19.7	32970.04 -1.89E+01
12/31/02 7:42:50	33000.002	9.166667	-2.133333 -2.07E+01 -1.89E+01	42.49.7	33000.04 -1.89E+01
12/31/02 7:43:20	33030.002	9.175001	-2.124999 -2.06E+01 -1.89E+01	43.19.7	33030.04 -1.89E+01
12/31/02 7:43:50	33060.002	9.183334	-2.116666 -2.06E+01 -1.89E+01	43.49.7	33060.04 -1.89E+01
12/31/02 7:44:20	33090.002	9.191667	-2.108333 -2.06E+01 -1.89E+01	44.19.7	33090.04 -1.89E+01
12/31/02 7:44:50	33120.002	9.200001	-2.099999 -2.07E+01 -1.89E+01	44.49.7	33120.04 -1.89E+01
12/31/02 7:45:20	33150.002	9.208334	-2.091666 -2.07E+01 -1.89E+01	45.19.7	33150.04 -1.89E+01
12/31/02 7:45:50	33180.002	9.216667	-2.083333 -2.07E+01 -1.89E+01	45.49.7	33180.04 -1.89E+01
12/31/02 7:46:20	33210.002	9.225001	-2.074999 -2.07E+01 -1.89E+01	46.19.7	33210.04 -1.89E+01
12/31/02 7:46:50	33240.002	9.233334	-2.066666 -2.07E+01 -1.89E+01	46.49.7	33240.04 -1.89E+01
12/31/02 7:47:20	33270.002	9.241667	-2.058333 -2.07E+01 -1.89E+01	47.19.7	33270.04 -1.89E+01
12/31/02 7:47:50	33300.002	9.250001	-2.049999 -2.07E+01 -1.89E+01	47.49.7	33300.04 -1.89E+01
12/31/02 7:48:20	33330.002	9.258334	-2.041666 -2.07E+01 -1.89E+01	48.19.7	33330.04 -1.89E+01
12/31/02 7:48:50	33360.002	9.266667	-2.033333 -2.07E+01 -1.89E+01	48.49.7	33360.04 -1.89E+01
12/31/02 7:49:20	33390.002	9.275001	-2.024999 -2.07E+01 -1.89E+01	49.19.7	33390.04 -1.89E+01
12/31/02 7:49:50	33420.002	9.283334	-2.016666 -2.07E+01 -1.89E+01	49.49.7	33420.04 -1.89E+01
12/31/02 7:50:20	33450.002	9.291667	-2.008333 -2.07E+01 -1.89E+01	50.19.7	33450.04 -1.89E+01
12/31/02 7:50:50	33480.002</				

THERMALSHOCKMEDIUMTERM

12/31/02 7:54:50	33720.002	9.366687	-1.733333 -2.07E+01 -1.89E+01	54.40.7	33720.04 -1.89E+01
12/31/02 7:55:20	33750.002	9.375001	-1.724999 -2.07E+01 -1.89E+01	55:19.7	33750.04 -1.89E+01
12/31/02 7:55:50	33780.002	9.383334	-1.716666 -2.07E+01 -1.89E+01	55:49.7	33780.04 -1.89E+01
12/31/02 7:56:20	33810.002	9.391667	-1.708333 -2.06E+01 -1.89E+01	56:19.7	33810.04 -1.89E+01
12/31/02 7:56:50	33840.002	9.400001	-1.699999 -2.07E+01 -1.89E+01	56:49.7	33840.04 -1.89E+01
12/31/02 7:57:20	33870.002	9.408334	-1.691666 -2.07E+01 -1.89E+01	57:19.7	33870.04 -1.89E+01
12/31/02 7:57:50	33900.002	9.416667	-1.683333 -2.08E+01 -1.89E+01	57:49.7	33900.04 -1.89E+01
12/31/02 7:58:20	33930.002	9.425001	-1.674999 -2.08E+01 -1.89E+01	58:19.7	33930.04 -1.89E+01
12/31/02 7:58:50	33960.002	9.433334	-1.666666 -2.05E+01 -1.89E+01	58:49.7	33960.04 -1.89E+01
12/31/02 7:59:20	33990.002	9.441667	-1.658333 -2.06E+01 -1.89E+01	59:19.7	33990.04 -1.89E+01
12/31/02 7:59:50	34020.002	9.450001	-1.649999 -2.06E+01 -1.89E+01	59:49.7	34020.04 -1.89E+01
12/31/02 8:00:20	34050.002	9.458334	-1.641666 -2.06E+01 -1.89E+01	00:19.7	34050.04 -1.89E+01
12/31/02 8:00:50	34080.002	9.466667	-1.633333 -2.06E+01 -1.89E+01	00:49.7	34080.04 -1.89E+01
12/31/02 8:01:20	34110.002	9.475001	-1.624999 -2.07E+01 -1.89E+01	01:19.7	34110.04 -1.89E+01
12/31/02 8:01:50	34140.002	9.483334	-1.616666 -2.08E+01 -1.89E+01	01:49.7	34140.04 -1.89E+01
12/31/02 8:02:20	34170.002	9.491667	-1.608333 -2.08E+01 -1.89E+01	02:19.7	34170.04 -1.89E+01
12/31/02 8:02:50	34200.002	9.500001	-1.599999 -2.09E+01 -1.89E+01	02:49.7	34200.04 -1.89E+01
12/31/02 8:03:20	34230.002	9.508334	-1.591666 -2.10E+01 -1.89E+01	03:19.7	34230.04 -1.89E+01
12/31/02 8:03:50	34260.002	9.516667	-1.583333 -2.09E+01 -1.89E+01	03:49.7	34260.04 -1.89E+01
12/31/02 8:04:20	34290.002	9.525001	-1.574999 -2.10E+01 -1.89E+01	04:19.7	34290.04 -1.89E+01
12/31/02 8:04:50	34320.002	9.533334	-1.566666 -2.11E+01 -1.89E+01	04:49.7	34320.04 -1.89E+01
12/31/02 8:05:20	34350.002	9.541667	-1.558333 -2.12E+01 -1.89E+01	05:19.7	34350.04 -1.89E+01
12/31/02 8:05:50	34380.002	9.550001	-1.549999 -2.12E+01 -1.89E+01	05:49.7	34380.04 -1.89E+01
12/31/02 8:06:20	34410.002	9.558334	-1.541666 -2.12E+01 -1.89E+01	06:19.7	34410.04 -1.89E+01
12/31/02 8:06:50	34440.002	9.566667	-1.533333 -2.12E+01 -1.89E+01	06:49.7	34440.04 -1.89E+01
12/31/02 8:07:20	34470.002	9.575001	-1.524999 -2.13E+01 -1.90E+01	07:19.7	34470.04 -1.90E+01
12/31/02 8:07:50	34500.002	9.583334	-1.516666 -2.12E+01 -1.90E+01	07:49.7	34500.04 -1.90E+01
12/31/02 8:08:20	34530.002	9.591667	-1.508333 -2.12E+01 -1.90E+01	08:19.7	34530.04 -1.90E+01
12/31/02 8:08:50	34560.002	9.600001	-1.499999 -2.13E+01 -1.89E+01	08:49.7	34560.04 -1.89E+01
12/31/02 8:09:20	34590.002	9.608334	-1.491666 -2.13E+01 -1.90E+01	09:19.7	34590.04 -1.90E+01
12/31/02 8:09:50	34620.002	9.616667	-1.483333 -2.13E+01 -1.90E+01	09:49.7	34620.04 -1.90E+01
12/31/02 8:10:20	34650.002	9.625001	-1.474999 -2.14E+01 -1.90E+01	10:19.7	34650.04 -1.90E+01
12/31/02 8:10:50	34680.002	9.633334	-1.466666 -2.13E+01 -1.90E+01	10:49.7	34680.04 -1.90E+01
12/31/02 8:11:20	34710.002	9.641667	-1.458333 -2.12E+01 -1.90E+01	11:19.7	34710.04 -1.90E+01
12/31/02 8:11:50	34740.002	9.650001	-1.449999 -2.13E+01 -1.90E+01	11:49.7	34740.04 -1.90E+01
12/31/02 8:12:20	34770.002	9.658334	-1.441666 -2.13E+01 -1.90E+01	12:19.7	34770.04 -1.90E+01
12/31/02 8:12:50	34800.002	9.666667	-1.433333 -2.14E+01 -1.90E+01	12:49.7	34800.04 -1.90E+01
12/31/02 8:13:20	34830.002	9.675001	-1.424999 -2.13E+01 -1.90E+01	13:19.7	34830.04 -1.90E+01
12/31/02 8:13:50	34860.002	9.683334	-1.416666 -2.13E+01 -1.90E+01	13:49.7	34860.04 -1.90E+01
12/31/02 8:14:20	34890.002	9.691667	-1.408333 -2.14E+01 -1.91E+01	14:19.7	34890.04 -1.91E+01
12/31/02 8:14:50	34920.002	9.700001	-1.399999 -2.14E+01 -1.91E+01	14:49.7	34920.04 -1.91E+01
12/31/02 8:15:20	34950.002	9.708334	-1.391666 -2.14E+01 -1.91E+01	15:19.7	34950.04 -1.91E+01
12/31/02 8:15:50	34980.002	9.716667	-1.383333 -2.14E+01 -1.91E+01	15:49.7	34980.04 -1.91E+01
12/31/02 8:16:20	35010.002	9.725001	-1.374999 -2.14E+01 -1.91E+01	16:19.7	35010.04 -1.91E+01
12/31/02 8:16:50	35040.002	9.733334	-1.366666 -2.15E+01 -1.91E+01	16:49.7	35040.04 -1.91E+01
12/31/02 8:17:20	35070.002	9.741667	-1.358333 -2.14E+01 -1.91E+01	17:19.7	35070.04 -1.91E+01
12/31/02 8:17:50	35100.002	9.750001	-1.349999 -2.14E+01 -1.91E+01	17:49.7	35100.04 -1.91E+01
12/31/02 8:18:20	35130.002	9.758334	-1.341666 -2.14E+01 -1.91E+01	18:19.7	35130.04 -1.91E+01
12/31/02 8:18:50	35160.002	9.766667	-1.333333 -2.14E+01 -1.91E+01	18:49.7	35160.04 -1.91E+01
12/31/02 8:19:20	35190.002	9.775001	-1.324999 -2.14E+01 -1.91E+01	19:19.7	35190.04 -1.91E+01
12/31/02 8:19:50	35220.002	9.783334	-1.316666 -2.15E+01 -1.91E+01	19:49.7	35220.04 -1.91E+01
12/31/02 8:20:20	35250.002	9.791667	-1.308333 -2.14E+01 -1.92E+01	20:19.7	35250.04 -1.92E+01
12/31/02 8:20:50	35280.002	9.800001	-1.299999 -2.14E+01 -1.92E+01	20:49.7	35280.04 -1.92E+01
12/31/02 8:21:20	35310.002	9.808334	-1.291666 -2.14E+01 -1.92E+01	21:19.7	35310.04 -1.92E+01
12/31/02 8:21:50	35340.002	9.816667	-1.283333 -2.14E+01 -1.92E+01	21:49.7	35340.04 -1.92E+01
12/31/02 8:22:20	35370.002	9.825001	-1.274999 -2.15E+01 -1.92E+01	22:19.7	35370.04 -1.92E+01
12/31/02 8:22:50	35400.002	9.833334	-1.266666 -2.15E+01 -1.92E+01	22:49.7	35400.04 -1.92E+01
12/31/02 8:23:20	35430.002	9.841667	-1.258333 -2.15E+01 -1.92E+01	23:19.7	35430.04 -1.92E+01
12/31/02 8:23:50	35460.002	9.850001	-1.249999 -2.15E+01 -1.92E+01	23:49.7	35460.04 -1.92E+01
12/31/02 8:24:20	35490.002	9.858334	-1.241666 -2.15E+01 -1.92E+01	24:19.7	35490.04 -1.92E+01
12/31/02 8:24:50	35520.002	9.866667	-1.233333 -2.15E+01 -1.92E+01	24:49.7	35520.04 -1.92E+01
12/31/02 8:25:20	35550.002	9.875001	-1.224999 -2.15E+01 -1.92E+01	25:19.7	35550.04 -1.92E+01
12/31/02 8:25:50	35580.002	9.883334	-1.216666 -2.15E+01 -1.92E+01	25:49.7	35580.04 -1.92E+01
12/31/02 8:26:20	35610.002	9.891667	-1.208333 -2.15E+01 -1.92E+01	26:19.7	35610.04 -1.92E+01
12/31/02 8:26:50	35640.002	9.900001	-1.199999 -2.14E+01 -1.92E+01	26:49.7	35640.04 -1.92E+01
12/31/02 8:27:20	35670.002	9.908334	-1.191666 -2.15E+01 -1.92E+01	27:19.7	35670.04 -1.92E+01
12/31/02 8:27:50	35700.002	9.916667	-1.183333 -2.15E+01 -1.92E+01	27:49.7	35700.04 -1.92E+01
12/31/02 8:28:20	35730.002	9.925001	-1.174999 -2.15E+01 -1.93E+01	28:19.7	35730.04 -1.93E+01
12/31/02 8:28:50	35760.002	9.933334	-1.166666 -2.15E+01 -1.93E+01	28:49.7	35760.04 -1.93E+01
12/31/02 8:29:20	35790.002	9.941667	-1.158333 -2.15E+01 -1.93E+01	29:19.7	35790.04 -1.93E+01
12/31/02 8:29:50	35820.002	9.950001	-1.149999 -2.15E+01 -1.93E+01	29:49.7	35820.04 -1.93E+01
12/31/02 8:30:20	35850.002	9.958334	-1.141666 -2.15E+01 -1.93E+01	30:19.7	35850.04 -1.93E+01
12/31/02 8:30:50	35880.002	9.966667	-1.133333 -2.15E+01 -1.93E+01	30:49.7	35880.04 -1.93E+01
12/31/02 8:31:20	35910.002	9.975001	-1.124999 -2.15E+01 -1.93E+01	31:19.7	35910.04 -1.93E+01
12/31/02 8:31:50	35940.002	9.983334	-1.116666 -2.15E+01 -1.93E+01	31:49.7	35940.04 -1.93E+01
12/31/02 8:32:20	35970.002	9.991667	-1.108333 -2.15E+01 -1.93E+01	32:19.7	35970.04 -1.93E+01
12/31/02 8:32:50	36000.002	10.000001	-1.099999 -2.15E+01 -1.93E+01	32:49.7	36000.04 -1.93E+01
12/31/02 8:33:20	36030.002	10.008334	-1.091666 -2.15E+01 -1.93E+01	33:19.7	36030.04 -1.93E+01
12/31/02 8:33:50	36060.002	10.016667	-1.083333 -2.15E+01 -1.93E+01	33:49.7	36060.04 -1.93E+01
12/31/02 8:34:20	36090.002	10.025001	-1.074999 -2.15E+01 -1.93E+01	34:19.7	36090.04 -1.93E+01
12/31/02 8:34:50	36120.002	10.033334	-1.066666 -2.15E+01 -1.94E+01	34:49.7	36120.04 -1.94E+01
12/31/02 8:35:20	36150.002	10.041667	-1.058333 -2.15E+01 -1.93E+01	35:19.7	36150.04 -1.93E+01
12/31/02 8:35:50	36180.002	10.050001	-1.049999 -2.15E+01 -1.93E+01	35:49.7	36180.04 -1.93E+01
12/31/02 8:36:20	36210.002	10.058334	-1.041666 -2.15E+01 -1.94E+01	36:19.7	36210.04 -1.94E+01
12/31/02 8:36:50	36240.002	10.066667	-1.033333 -2.16E+01 -1.93E+01	36:49.7	36240.04 -1.93E+01
12/31/02 8:37:20	36270.002	10.075001	-1.024999 -2.15E+01 -1.93E+01	37:19.7	36270.04 -1.93E+01
12/31/02 8:37:50	36300.002	10.083334	-1.016666 -2.15E+01 -1.94E+01	37:49.7	36300.04 -1.94E+01
12/31/02 8:38:20	36330.002	10.091667	-1.008333 -2.15E+01 -1.94E+01	38:19.7	36330.04 -1.94E+01
12/31/02 8:38:50	36360.002	10.100001	-0.999999 -2.15E+01 -1.94E+01	38:49.7	36360.04 -1.94E+01
12/31/02 8:39:20	36390.002	10.108334	-0.991666 -2.15E+01 -1.94E+01	39:19.7	36390.04 -1.94E+01
12/31/02 8:39:50	36420.002	10.116667	-0.983333 -2.15E+01 -1.94E+01	39:49.7	36420.04 -1.94E+01
12/31/02 8:40:20	36450.002	10.125001	-0.974999 -2.16E+01 -1.94E+01	40:19.7	36450.04 -1.94E+01
12/31/02 8:40:50	36480.002	10.133334	-0.966666 -2.16E+01 -1.94E+01	40:49.7	36480.04 -1.94E+01
12/31/02 8:41:20	36510.002	10.141667	-0.958333 -2.15E+01 -1.94E+01	41:19.7	36510.04 -1.94E+01
12/31/02 8:41:50	36540.002	10.150001	-0.949999 -2.16E+01 -1.94E+01	41:49.7	36540.04 -1.94E+01
12/31/02 8:42:20	36570.002	10.158334	-0.941666 -2.16E+01 -1.94E+01	42:19.7	36570.04 -1.94E+01
12/31/02 8:42:50	36600.002	10.166667	-0.933333 -2.16E+01 -1.94E+01	42:49.7	36600.04 -1.94E+01
12/31/02 8:43:20	36630.002	10.175001	-0.924999 -2.16E+01 -1.94E+01	43:19.7	36630.04 -1.94E+01
12/31/02 8:43:50	36660.002	10.183334	-0.916666 -2.16E+01 -1.94E+01	43:49.7	36660.04 -1.94E+01
12/31/02 8:44:20	36690.002	10.191667	-0.908333 -2.16E+01 -1.94E+01	44:19.7	36690.04 -1.94E+01
12/31/02 8:44:50	36720.002	10.200001	-0.899999 -2.15E+01 -1.94E+01	44:49.7	36720.04 -1.94E+01
12/31/02 8:45:20	36750.002	10.208334	-0.891666 -2.16E+01 -1.94E+01	45:19.7	36750.04 -1.94E+01
12/31/02 8:45:50	36780.002	10.216667	-0.883333 -2.16E+01 -1.94E+01	45:49.7	36780.04 -1.94E+01
12/31/02 8:46:20	36810.002	10.225001	-0.874999 -2.16E+01 -1.94E+01	46:19.7	36810.04 -1.94E+01
12/31/02 8:46:50	36840.002	10.233334	-0.866666 -2.16E+01 -1.94E+01	46:49.7	36840.04 -1.94E+01
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THERMALSHOCKMEDIUMTERM

12/31/02 8:51:50	37140.002	10.316667	-0.783333 -2.16E+01 -1.95E+01	51:49.7	37140.04 -1.95E+01
12/31/02 8:52:20	37170.002	10.325001	-0.774999 -2.16E+01 -1.95E+01	52:19.7	37170.04 -1.95E+01
12/31/02 8:52:50	37200.002	10.333334	-0.766666 -2.16E+01 -1.95E+01	52:49.7	37200.04 -1.95E+01
12/31/02 8:53:20	37230.002	10.341667	-0.758333 -2.16E+01 -1.95E+01	53:19.7	37230.04 -1.95E+01
12/31/02 8:53:50	37260.002	10.350001	-0.749999 -2.16E+01 -1.95E+01	53:49.7	37260.04 -1.95E+01
12/31/02 8:54:20	37290.002	10.358334	-0.741666 -2.16E+01 -1.95E+01	54:19.7	37290.04 -1.95E+01
12/31/02 8:54:50	37320.002	10.366667	-0.733333 -2.17E+01 -1.95E+01	54:49.7	37320.04 -1.95E+01
12/31/02 8:55:20	37350.002	10.375001	-0.724999 -2.17E+01 -1.95E+01	55:19.7	37350.04 -1.95E+01
12/31/02 8:55:50	37380.002	10.383334	-0.716666 -2.16E+01 -1.95E+01	55:49.7	37380.04 -1.95E+01
12/31/02 8:56:20	37410.002	10.391667	-0.708333 -2.16E+01 -1.95E+01	56:19.7	37410.04 -1.95E+01
12/31/02 8:56:50	37440.002	10.400001	-0.699999 -2.17E+01 -1.95E+01	56:49.7	37440.04 -1.95E+01
12/31/02 8:57:20	37470.002	10.408334	-0.691666 -2.16E+01 -1.95E+01	57:19.7	37470.04 -1.95E+01
12/31/02 8:57:50	37500.002	10.416667	-0.683333 -2.16E+01 -1.95E+01	57:49.7	37500.04 -1.95E+01
12/31/02 8:58:20	37530.002	10.425001	-0.674999 -2.16E+01 -1.95E+01	58:19.7	37530.04 -1.95E+01
12/31/02 8:58:50	37560.002	10.433334	-0.666666 -2.16E+01 -1.95E+01	58:49.7	37560.04 -1.95E+01
12/31/02 8:59:20	37590.002	10.441667	-0.658333 -2.16E+01 -1.95E+01	59:19.7	37590.04 -1.95E+01
12/31/02 8:59:50	37620.002	10.450001	-0.649999 -2.16E+01 -1.95E+01	59:49.7	37620.04 -1.95E+01
12/31/02 9:00:20	37650.002	10.458334	-0.641666 -2.16E+01 -1.95E+01	60:19.7	37650.04 -1.95E+01
12/31/02 9:00:50	37680.002	10.466667	-0.633333 -2.17E+01 -1.96E+01	60:49.7	37680.04 -1.96E+01
12/31/02 9:01:20	37710.002	10.475001	-0.624999 -2.16E+01 -1.95E+01	61:19.7	37710.04 -1.95E+01
12/31/02 9:01:50	37740.002	10.483334	-0.616666 -2.16E+01 -1.95E+01	61:49.7	37740.04 -1.95E+01
12/31/02 9:02:20	37770.002	10.491667	-0.608333 -2.16E+01 -1.96E+01	62:19.7	37770.04 -1.96E+01
12/31/02 9:02:50	37800.002	10.500001	-0.599999 -2.16E+01 -1.95E+01	62:49.7	37800.04 -1.95E+01
12/31/02 9:03:20	37830.002	10.508334	-0.591666 -2.17E+01 -1.96E+01	63:19.7	37830.04 -1.96E+01
12/31/02 9:03:50	37860.002	10.516667	-0.583333 -2.17E+01 -1.95E+01	63:49.7	37860.04 -1.95E+01
12/31/02 9:04:20	37890.002	10.525001	-0.574999 -2.17E+01 -1.95E+01	64:19.7	37890.04 -1.95E+01
12/31/02 9:04:50	37920.002	10.533334	-0.566666 -2.17E+01 -1.96E+01	64:49.7	37920.04 -1.96E+01
12/31/02 9:05:20	37950.002	10.541667	-0.558333 -2.17E+01 -1.96E+01	65:19.7	37950.04 -1.96E+01
12/31/02 9:05:50	37980.002	10.550001	-0.549999 -2.17E+01 -1.96E+01	65:49.7	37980.04 -1.96E+01
12/31/02 9:06:20	38010.002	10.558334	-0.541666 -2.17E+01 -1.96E+01	66:19.7	38010.04 -1.96E+01
12/31/02 9:06:50	38040.002	10.566667	-0.533333 -2.17E+01 -1.96E+01	66:49.7	38040.04 -1.96E+01
12/31/02 9:07:20	38070.002	10.575001	-0.524999 -2.17E+01 -1.96E+01	67:19.7	38070.04 -1.96E+01
12/31/02 9:07:50	38100.002	10.583334	-0.516666 -2.17E+01 -1.96E+01	67:49.7	38100.04 -1.96E+01
12/31/02 9:08:20	38130.002	10.591667	-0.508333 -2.16E+01 -1.96E+01	68:19.7	38130.04 -1.96E+01
12/31/02 9:08:50	38160.002	10.600001	-0.499999 -2.17E+01 -1.96E+01	68:49.7	38160.04 -1.96E+01
12/31/02 9:09:20	38190.002	10.608334	-0.491666 -2.17E+01 -1.96E+01	69:19.7	38190.04 -1.96E+01
12/31/02 9:09:50	38220.002	10.616667	-0.483333 -2.17E+01 -1.96E+01	69:49.7	38220.04 -1.96E+01
12/31/02 9:10:20	38250.002	10.625001	-0.474999 -2.17E+01 -1.96E+01	70:19.7	38250.04 -1.96E+01
12/31/02 9:10:50	38280.002	10.633334	-0.466666 -2.17E+01 -1.96E+01	70:49.7	38280.04 -1.96E+01
12/31/02 9:11:20	38310.002	10.641667	-0.458333 -2.17E+01 -1.96E+01	71:19.7	38310.04 -1.96E+01
12/31/02 9:11:50	38340.002	10.650001	-0.449999 -2.17E+01 -1.96E+01	71:49.7	38340.04 -1.96E+01
12/31/02 9:12:20	38370.002	10.658334	-0.441666 -2.16E+01 -1.96E+01	72:19.7	38370.04 -1.96E+01
12/31/02 9:12:50	38400.002	10.666667	-0.433333 -2.17E+01 -1.96E+01	72:49.7	38400.04 -1.96E+01
12/31/02 9:13:20	38430.002	10.675001	-0.424999 -2.17E+01 -1.96E+01	73:19.7	38430.04 -1.96E+01
12/31/02 9:13:50	38460.002	10.683334	-0.416666 -2.17E+01 -1.96E+01	73:49.7	38460.04 -1.96E+01
12/31/02 9:14:20	38490.002	10.691667	-0.408333 -2.17E+01 -1.96E+01	74:19.7	38490.04 -1.96E+01
12/31/02 9:14:50	38520.002	10.700001	-0.399999 -2.17E+01 -1.96E+01	74:49.7	38520.04 -1.96E+01
12/31/02 9:15:20	38550.002	10.708334	-0.391666 -2.16E+01 -1.96E+01	75:19.7	38550.04 -1.96E+01
12/31/02 9:15:50	38580.002	10.716667	-0.383333 -2.16E+01 -1.96E+01	75:49.7	38580.04 -1.96E+01
12/31/02 9:16:20	38610.002	10.725001	-0.374999 -2.17E+01 -1.96E+01	76:19.7	38610.04 -1.96E+01
12/31/02 9:16:50	38640.002	10.733334	-0.366666 -2.17E+01 -1.96E+01	76:49.7	38640.04 -1.96E+01
12/31/02 9:17:20	38670.002	10.741667	-0.358333 -2.17E+01 -1.96E+01	77:19.7	38670.04 -1.96E+01
12/31/02 9:17:50	38700.002	10.750001	-0.349999 -2.16E+01 -1.96E+01	77:49.7	38700.04 -1.96E+01
12/31/02 9:18:20	38730.002	10.758334	-0.341666 -2.16E+01 -1.96E+01	78:19.7	38730.04 -1.96E+01
12/31/02 9:18:50	38760.002	10.766667	-0.333333 -2.16E+01 -1.96E+01	78:49.7	38760.04 -1.96E+01
12/31/02 9:19:20	38790.002	10.775001	-0.324999 -2.16E+01 -1.96E+01	79:19.7	38790.04 -1.96E+01
12/31/02 9:19:50	38820.002	10.783334	-0.316666 -2.16E+01 -1.96E+01	79:49.7	38820.04 -1.96E+01
12/31/02 9:20:20	38850.002	10.791667	-0.308333 -2.16E+01 -1.96E+01	80:19.7	38850.04 -1.96E+01
12/31/02 9:20:50	38880.002	10.800001	-0.299999 -2.17E+01 -1.97E+01	80:49.7	38880.04 -1.97E+01
12/31/02 9:21:20	38910.002	10.808334	-0.291666 -2.17E+01 -1.97E+01	81:19.7	38910.04 -1.97E+01
12/31/02 9:21:50	38940.002	10.816667	-0.283333 -2.16E+01 -1.97E+01	81:49.7	38940.04 -1.97E+01
12/31/02 9:22:20	38970.002	10.825001	-0.274999 -2.16E+01 -1.96E+01	82:19.7	38970.04 -1.96E+01
12/31/02 9:22:50	39000.002	10.833334	-0.266666 -2.01E+01 -1.87E+01	82:49.7	39000.04 -1.87E+01
12/31/02 9:23:20	39030.002	10.841667	-0.258333 -1.42E+01 -1.69E+01	83:19.7	39030.04 -1.69E+01
12/31/02 9:23:50	39060.002	10.850001	-0.249999 -1.20E+01 -1.48E+01	83:49.7	39060.04 -1.48E+01
12/31/02 9:24:20	39090.002	10.858334	-0.241666 -6.72E+00 -1.21E+01	84:19.7	39090.04 -1.21E+01
12/31/02 9:24:50	39120.002	10.866667	-0.233333 2.56E+01 6.79E-01	84:49.7	39120.04 6.79E-01
12/31/02 9:25:20	39150.002	10.875001	-0.224999 1.16E+01 -1.83E+00	85:19.7	39150.04 -1.83E+00
12/31/02 9:25:50	39180.002	10.883334	-0.216666 7.48E+00 -2.95E+00	85:49.7	39180.04 -2.95E+00
12/31/02 9:26:20	39210.002	10.891667	-0.208333 7.16E+00 -3.05E+00	86:19.7	39210.04 -3.05E+00
12/31/02 9:26:50	39240.002	10.900001	-0.199999 8.04E+00 -2.21E+00	86:49.7	39240.04 -2.21E+00
12/31/02 9:27:20	39270.002	10.908334	-0.191666 8.38E+00 -1.26E+00	87:19.7	39270.04 -1.26E+00
12/31/02 9:27:50	39300.002	10.916667	-0.183333 8.71E+00 -4.98E-01	87:49.7	39300.04 -4.98E-01
12/31/02 9:28:20	39330.002	10.925001	-0.174999 8.84E+00 2.93E-01	88:19.7	39330.04 2.93E-01
12/31/02 9:28:50	39360.002	10.933334	-0.166666 8.96E+00 8.48E-01	88:49.7	39360.04 8.48E-01
12/31/02 9:29:20	39390.002	10.941667	-0.158333 9.15E+00 1.42E+00	89:19.7	39390.04 1.42E+00
12/31/02 9:29:50	39420.002	10.950001	-0.149999 9.12E+00 1.81E+00	89:49.7	39420.04 1.81E+00
12/31/02 9:30:20	39450.002	10.958334	-0.141666 9.22E+00 2.15E+00	90:19.7	39450.04 2.15E+00
12/31/02 9:30:50	39480.002	10.966667	-0.133333 9.26E+00 2.80E+00	90:49.7	39480.04 2.80E+00
12/31/02 9:31:20	39510.002	10.975001	-0.124999 9.28E+00 2.87E+00	91:19.7	39510.04 2.87E+00
12/31/02 9:31:50	39540.002	10.983334	-0.116666 9.29E+00 3.15E+00	91:49.7	39540.04 3.15E+00
12/31/02 9:32:20	39570.002	10.991667	-0.108333 9.33E+00 3.35E+00	92:19.7	39570.04 3.35E+00
12/31/02 9:32:50	39600.002	11.000001	-0.099999 9.37E+00 3.57E+00	92:49.7	39600.04 3.57E+00
12/31/02 9:33:20	39630.002	11.008334	-0.091666 9.36E+00 3.81E+00	93:19.7	39630.04 3.81E+00
12/31/02 9:33:50	39660.002	11.016667	-0.083333 9.47E+00 3.98E+00	93:49.7	39660.04 3.98E+00
12/31/02 9:34:20	39690.002	11.025001	-0.074999 9.50E+00 4.15E+00	94:19.7	39690.04 4.15E+00
12/31/02 9:34:50	39720.002	11.033334	-0.066666 9.64E+00 4.30E+00	94:49.7	39720.04 4.30E+00
12/31/02 9:35:20	39750.002	11.041667	-0.058333 9.67E+00 4.41E+00	95:19.7	39750.04 4.41E+00
12/31/02 9:35:50	39780.002	11.050001	-0.049999 9.66E+00 4.50E+00	95:49.7	39780.04 4.50E+00
12/31/02 9:36:20	39810.002	11.058334	-0.041666 9.73E+00 4.62E+00	96:19.7	39810.04 4.62E+00
12/31/02 9:36:50	39840.002	11.066667	-0.033333 9.81E+00 4.67E+00	96:49.7	39840.04 4.67E+00
12/31/02 9:37:20	39870.002	11.075001	-0.024999 9.80E+00 4.80E+00	97:19.7	39870.04 4.80E+00
12/31/02 9:37:50	39900.002	11.083334	-0.016666 9.81E+00 4.78E+00	97:49.7	39900.04 4.78E+00
12/31/02 9:38:20	39930.002	11.091667	-0.008333 9.85E+00 4.84E+00	98:19.7	39930.04 4.84E+00
12/31/02 9:38:50	39960.002	11.100001	0.000001 9.80E+00 4.78E+00	98:49.7	39960.04 4.78E+00
12/31/02 9:39:20	39990.002	11.108334	0.008334 9.81E+00 4.85E+00	99:19.7	39990.04 4.85E+00
12/31/02 9:39:50	40020.002	11.116667	0.016667 9.43E+00 4.45E+00	99:49.7	40020.04 4.45E+00
12/31/02 9:40:20	40050.002	11.125001	0.025001 9.23E+00 4.27E+00	40:19.7	40050.04 4.27E+00
12/31/02 9:40:50	40080.002	11.133334	0.033334 9.13E+00 4.10E+00	40:49.7	40080.04 4.10E+00
12/31/02 9:41:20	40110.002	11.141667	0.041667 9.03E+00 4.02E+00	41:19.7	40110.04 4.02E+00
12/31/02 9:41:50	40140.002	11.150001	0.050001 9.03E+00 3.96E+00	41:49.7	40140.04 3.96E+00
12/31/02 9:42:20	40170.002	11.158334	0.058334 9.07E+00 4.03E+00	42:19.7	40170.04 4.03E+00
12/31/02 9:42:50	40200.002	11.166667	0.066667 9.11E+00 4.08E+00	42:49.7	40200.04 4.08E+00
12/31/02 9:43:20	40230.002	11.175001	0.075001		

THERMALSHOCKMEDIUMTERM

950	0.263889	406.0280103	3.98E-10	7.71E-10	-8.63E-10	12/31/02 9:48:20	40530.002	11.258334	0.158334	9.71E+00	5.00E+00	48.197	40530.04	5.00E+00
1000	0.277778	406.02801	3.89E-10	5.87E-10	-7.95E-10	12/31/02 9:48:50	40560.002	11.286667	0.166667	9.86E+00	5.14E+00	48.497	40560.04	5.14E+00
1100	0.291687	406.0280097	3.73E-10	4.92E-10	-7.50E-10	12/31/02 9:49:20	40590.002	11.275001	0.175001	9.63E+00	5.11E+00	49.197	40590.04	5.11E+00
1200	0.305556	406.0280095	3.78E-10	4.78E-10	-7.01E-10	12/31/02 9:49:50	40620.002	11.283334	0.183334	9.49E+00	5.12E+00	49.497	40620.04	5.12E+00
1300	0.319444	406.0280092	3.94E-10	4.27E-10	-6.58E-10	12/31/02 9:50:20	40650.002	11.291667	0.191667	9.34E+00	5.04E+00	50.197	40650.04	5.04E+00
1400	0.333333	406.0280089	4.01E-10	4.78E-10	-6.18E-10	12/31/02 9:50:50	40680.002	11.300001	0.200001	9.30E+00	5.04E+00	50.497	40680.04	5.04E+00
1500	0.347222	406.0280088	4.09E-10	4.25E-10	-5.71E-10	12/31/02 9:51:20	40710.002	11.308334	0.208334	9.27E+00	5.11E+00	51.197	40710.04	5.11E+00
1600	0.361111	406.0280086	3.97E-10	3.99E-10	-5.55E-10	12/31/02 9:51:50	40740.002	11.316667	0.216667	9.23E+00	5.08E+00	51.497	40740.04	5.08E+00
1700	0.375	406.0280084	3.95E-10	3.72E-10	-5.28E-10	12/31/02 9:52:20	40770.002	11.325001	0.225001	9.25E+00	5.20E+00	52.197	40770.04	5.20E+00
1800	0.388889	406.0280082	3.87E-10	3.84E-10	-5.10E-10	12/31/02 9:52:50	40800.002	11.333334	0.233334	9.28E+00	5.23E+00	52.497	40800.04	5.23E+00
1900	0.402778	406.0280081	3.84E-10	3.83E-10	-5.10E-10	12/31/02 9:53:20	40830.002	11.341667	0.241667	9.31E+00	5.30E+00	53.197	40830.04	5.30E+00
2000	0.416667	406.0280079	3.91E-10	3.80E-10	-4.77E-10	12/31/02 9:53:50	40860.002	11.350001	0.250001	9.33E+00	5.40E+00	53.497	40860.04	5.40E+00
2100	0.430556	406.0280077	3.91E-10	4.17E-10	-4.41E-10	12/31/02 9:54:20	40890.002	11.358334	0.258334	9.42E+00	5.49E+00	54.197	40890.04	5.49E+00
2200	0.444444	406.0280075	3.90E-10	4.19E-10	-4.09E-10	12/31/02 9:54:50	40920.002	11.366667	0.266667	9.45E+00	5.63E+00	54.497	40920.04	5.63E+00
2300	0.458333	406.0280073	3.96E-10	4.65E-10	-3.84E-10	12/31/02 9:55:20	40950.002	11.375001	0.275001	9.48E+00	5.68E+00	55.197	40950.04	5.68E+00
2400	0.472222	406.0280074	3.83E-10	4.72E-10	-3.09E-10	12/31/02 9:55:50	40980.002	11.383334	0.283334	9.51E+00	5.80E+00	55.497	40980.04	5.80E+00
2500	0.486111	406.0280073	3.84E-10	5.05E-10	-2.73E-10	12/31/02 9:56:20	41010.002	11.391667	0.291667	9.56E+00	5.97E+00	56.197	41010.04	5.97E+00
2600	0.5	406.0280072	3.87E-10	5.56E-10	-2.33E-10	12/31/02 9:56:50	41040.002	11.400001	0.300001	9.63E+00	6.14E+00	56.497	41040.04	6.14E+00
2700	0.513889	406.0280071	3.85E-10	5.85E-10	-1.83E-10	12/31/02 9:57:20	41070.002	11.408334	0.308334	9.63E+00	6.28E+00	57.197	41070.04	6.28E+00
2800	0.527778	406.0280071	3.81E-10	5.69E-10	-1.57E-10	12/31/02 9:57:50	41100.002	11.416667	0.316667	9.61E+00	6.31E+00	57.497	41100.04	6.31E+00
2900	0.541667	406.028007	3.89E-10	5.70E-10	-1.33E-10	12/31/02 9:58:20	41130.002	11.425001	0.325001	9.52E+00	6.42E+00	58.197	41130.04	6.42E+00
3000	0.555556	406.028007	3.89E-10	5.31E-10	-9.65E-11	12/31/02 9:58:50	41160.002	11.433334	0.333334	9.40E+00	6.42E+00	58.497	41160.04	6.42E+00
3100	0.569444	406.0280069	3.95E-10	5.13E-10	-6.13E-11	12/31/02 9:59:20	41190.002	11.441667	0.341667	9.35E+00	6.49E+00	59.197	41190.04	6.49E+00
3200	0.583333	406.0280069	3.94E-10	4.09E-10	-2.00E-11	12/31/02 9:59:50	41220.002	11.450001	0.350001	9.29E+00	6.50E+00	59.497	41220.04	6.50E+00
3300	0.597222	406.0280069	3.78E-10	2.97E-10	2.05E-11	12/31/02 10:00:20	41250.002	11.458334	0.358334	9.31E+00	6.58E+00	60.197	41250.04	6.58E+00
3400	0.611111	406.0280069	3.93E-10	2.82E-10	2.53E-11	12/31/02 10:00:50	41280.002	11.466667	0.366667	9.30E+00	6.68E+00	60.497	41280.04	6.68E+00
3500	0.625	406.0280069	4.02E-10	2.36E-10	4.03E-11	12/31/02 10:01:20	41310.002	11.475001	0.375001	9.32E+00	6.77E+00	61.197	41310.04	6.77E+00
3600	0.638889	406.0280069	4.08E-10	2.11E-10	4.89E-11	12/31/02 10:01:50	41340.002	11.483334	0.383334	9.36E+00	6.89E+00	61.497	41340.04	6.89E+00
3700	0.652778	406.0280069	4.07E-10	2.03E-10	4.03E-11	12/31/02 10:02:20	41370.002	11.491667	0.391667	9.41E+00	6.99E+00	62.197	41370.04	6.99E+00
3800	0.666667	406.0280069	4.13E-10	2.03E-10	4.05E-11	12/31/02 10:02:50	41400.002	11.500001	0.400001	9.44E+00	7.05E+00	62.497	41400.04	7.05E+00
3900	0.680556	406.0280069	4.01E-10	2.11E-10	3.55E-11	12/31/02 10:03:20	41430.002	11.508334	0.408334	9.47E+00	7.18E+00	63.197	41430.04	7.18E+00
4000	0.694444	406.0280069	3.98E-10	1.92E-10	2.09E-11	12/31/02 10:03:50	41460.002	11.516667	0.416667	9.50E+00	7.24E+00	63.497	41460.04	7.24E+00
4100	0.708333	406.028007	3.93E-10	1.95E-10	2.32E-11	12/31/02 10:04:20	41490.002	11.525001	0.425001	9.52E+00	7.30E+00	64.197	41490.04	7.30E+00
4200	0.722222	406.028007	3.91E-10	2.02E-10	1.91E-11	12/31/02 10:04:50	41520.002	11.533334	0.433334	9.52E+00	7.38E+00	64.497	41520.04	7.38E+00
4300	0.736111	406.028007	3.90E-10	2.38E-10	1.70E-12	12/31/02 10:05:20	41550.002	11.541667	0.441667	9.50E+00	7.44E+00	65.197	41550.04	7.44E+00
4400	0.75	406.0280069	3.90E-10	2.56E-10	-7.89E-12	12/31/02 10:05:50	41580.002	11.550001	0.450001	9.57E+00	7.80E+00	65.497	41580.04	7.80E+00
4500	0.763889	406.0280069	3.88E-10	2.77E-10	-1.43E-11	12/31/02 10:06:20	41610.002	11.558334	0.458334	9.53E+00	7.84E+00	66.197	41610.04	7.84E+00
4600	0.777778	406.0280069	3.95E-10	2.65E-10	-1.74E-11	12/31/02 10:06:50	41640.002	11.566667	0.466667	9.47E+00	7.70E+00	66.497	41640.04	7.70E+00
4700	0.791667	406.0280069	3.87E-10	2.87E-10	-1.89E-11	12/31/02 10:07:20	41670.002	11.575001	0.475001	9.42E+00	7.76E+00	67.197	41670.04	7.76E+00
4800	0.805556	406.0280069	3.93E-10	2.81E-10	-1.26E-11	12/31/02 10:07:50	41700.002	11.583334	0.483334	9.45E+00	7.79E+00	67.497	41700.04	7.79E+00
4900	0.819444	406.028007	3.69E-10	3.06E-10	-2.70E-13	12/31/02 10:08:20	41730.002	11.591667	0.491667	9.39E+00	7.84E+00	68.197	41730.04	7.84E+00
5000	0.833333	406.028007	3.63E-10	3.29E-10	1.35E-11	12/31/02 10:08:50	41760.002	11.600001	0.500001	9.41E+00	7.89E+00	68.497	41760.04	7.89E+00
5100	0.847222	406.028007	3.46E-10	3.29E-10	3.57E-11	12/31/02 10:09:20	41790.002	11.608334	0.508334	9.42E+00	7.93E+00	69.197	41790.04	7.93E+00
5200	0.861111	406.028007	3.50E-10	3.29E-10	5.59E-11	12/31/02 10:09:50	41820.002	11.616667	0.516667	9.45E+00	7.98E+00	69.497	41820.04	7.98E+00
5300	0.875	406.028007	3.42E-10	3.24E-10	4.30E-11	12/31/02 10:10:20	41850.002	11.625001	0.525001	9.44E+00	8.01E+00	70.197	41850.04	8.01E+00
5400	0.888889	406.028007	3.46E-10	3.19E-10	4.87E-11	12/31/02 10:10:50	41880.002	11.633334	0.533334	9.49E+00	8.06E+00	70.497	41880.04	8.06E+00
5500	0.902778	406.028007	3.47E-10	3.12E-10	5.36E-11	12/31/02 10:11:20	41910.002	11.641667	0.541667	9.48E+00	8.06E+00	71.197	41910.04	8.06E+00
5600	0.916667	406.028007	3.48E-10	3.12E-10	7.85E-11	12/31/02 10:11:50	41940.002	11.650001	0.550001	9.49E+00	8.15E+00	71.497	41940.04	8.15E+00
5700	0.930556	406.0280071	3.49E-10	3.21E-10	9.37E-11	12/31/02 10:12:20	41970.002	11.658334	0.558334	9.51E+00	8.20E+00	72.197	41970.04	8.20E+00
5800	0.944444	406.0280071	3.51E-10	3.13E-10	9.84E-11	12/31/02 10:12:50	42000.002	11.666667	0.566667	9.48E+00	8.25E+00	72.497	42000.04	8.25E+00
5900	0.958333	406.0280071	3.41E-10	2.74E-10	1.23E-10	12/31/02 10:13:20	42030.002	11.675001	0.575001	9.48E+00	8.27E+00	73.197	42030.04	8.27E+00
6000	0.972222	406.0280072	3.56E-10	3.00E-10	1.47E-10	12/31/02 10:13:50	42060.002	11.683334	0.583334	9.43E+00	8.32E+00	73.497	42060.04	8.32E+00
6100	0.986111	406.0280072	3.51E-10	3.19E-10	1.58E-10	12/31/02 10:14:20	42090.002	11.691667	0.591667	9.39E+00	8.34E+00	74.197	42090.04	8.34E+00
6200	1	406.0280073	3.44E-10	3.20E-10	1.59E-10	12/31/02 10:14:50	42120.002	11.700001	0.600001	9.37E+00	8.39E+00	74.497	42120.04	8.39E+00
6300	1.013889	406.0280073	3.48E-10	3.20E-10	1.59E-10	12/31/02 10:15:20	42150.002	11.708334	0.608334	9.39E+00	8.45E+00	75.197	42150.04	8.45E+00
6400	1.027778	406.0280074	3.41E-10	3.39E-10	1.79E-10	12/31/02 10:15:50	42180.002	11.716667	0.616667	9.41E+00	8.49E+00	75.497	42180.04	8.49E+00
6500	1.041667	406.0280075	3.43E-10	3.75E-10	2.06E-10	12/31/02 10:16:20	42210.002	11.725001	0.625001	9.43E+00	8.51E+00	76.197	42210.04	8.51E+00
6600	1.055556	406.0280076	3.33E-10	4.37E-10	2.43E-10	12/31/02 10:16:50	42240.002	11.733334	0.633334	9.43E+00	8.57E+00	76.497	42240.04	8.57E+00
6700	1.069444	406.0280077	3.38E-10	4.37E-10	2.75E-10	12/31/02 10:17:20	42270.002	11.741667	0.641667	9.46E+00	8.62E+00	77.197	42270.04	8.62E+00
6800	1.083333	406.0280078	3.37E-10	4.31E-10	3.15E-10	12/31/02 10:17:50	42300.00							

THERMAL SHOCK MEDIUM TERM

6600	1.833333	406.0280188	3.32E-10	4.29E-10	5.76E-10	12/31/02 10:44:50	43920.002	12.200001	1.100001	9.50E+00	9.88E+00	44.49.7	43920.04	9.88E+00
6650	1.847222	406.028019	3.29E-10	4.30E-10	5.77E-10	12/31/02 10:45:20	43950.002	12.208334	1.108334	9.45E+00	9.89E+00	45.19.7	43950.04	9.89E+00
6700	1.861111	406.0280193	3.51E-10	4.76E-10	5.87E-10	12/31/02 10:45:50	43980.002	12.216667	1.116667	9.40E+00	9.88E+00	45.49.7	43980.04	9.88E+00
6750	1.875	406.0280195	3.57E-10	4.92E-10	5.95E-10	12/31/02 10:46:20	44010.002	12.225001	1.125001	9.36E+00	9.87E+00	46.19.7	44010.04	9.87E+00
6800	1.888889	406.0280197	3.71E-10	5.37E-10	6.06E-10	12/31/02 10:46:50	44040.002	12.233334	1.133334	9.33E+00	9.87E+00	46.49.7	44040.04	9.87E+00
6850	1.902778	406.0280199	3.63E-10	5.73E-10	6.27E-10	12/31/02 10:47:20	44070.002	12.241667	1.141667	9.34E+00	9.87E+00	47.19.7	44070.04	9.87E+00
6900	1.916667	406.0280202	3.32E-10	6.21E-10	6.02E-10	12/31/02 10:47:50	44100.002	12.250001	1.150001	9.35E+00	9.88E+00	47.49.7	44100.04	9.88E+00
6950	1.930556	406.0280204	3.33E-10	6.43E-10	6.91E-10	12/31/02 10:48:20	44130.002	12.258334	1.158334	9.39E+00	9.89E+00	48.19.7	44130.04	9.89E+00
7000	1.944444	406.0280208	3.57E-10	6.65E-10	7.14E-10	12/31/02 10:48:50	44160.002	12.266667	1.166667	9.43E+00	9.95E+00	48.49.7	44160.04	9.95E+00
7050	1.958333	406.0280209	3.59E-10	6.25E-10	7.30E-10	12/31/02 10:49:20	44190.002	12.275001	1.175001	9.46E+00	9.92E+00	48.79.7	44190.04	9.92E+00
7100	1.972222	406.0280211	3.65E-10	5.99E-10	7.48E-10	12/31/02 10:49:50	44220.002	12.283334	1.183334	9.52E+00	9.98E+00	49.49.7	44220.04	9.98E+00
7150	1.986111	406.0280213	3.61E-10	5.73E-10	7.44E-10	12/31/02 10:50:20	44250.002	12.291667	1.191667	9.58E+00	1.01E+01	50.19.7	44250.04	1.01E+01
7200	2	406.0280215	3.71E-10	5.83E-10	7.42E-10	12/31/02 10:50:50	44280.002	12.300001	1.200001	9.59E+00	1.01E+01	50.49.7	44280.04	1.01E+01
7250	2.013889	406.0280217	3.62E-10	5.91E-10	7.39E-10	12/31/02 10:51:20	44310.002	12.308334	1.208334	9.59E+00	1.01E+01	51.19.7	44310.04	1.01E+01
7300	2.027778	406.0280219	3.58E-10	6.34E-10	7.20E-10	12/31/02 10:51:50	44340.002	12.316667	1.216667	9.58E+00	1.01E+01	51.49.7	44340.04	1.01E+01
7350	2.041667	406.0280222	3.68E-10	6.55E-10	6.89E-10	12/31/02 10:52:20	44370.002	12.325001	1.225001	9.55E+00	1.01E+01	52.19.7	44370.04	1.01E+01
7400	2.055556	406.0280224	3.67E-10	6.67E-10	6.45E-10	12/31/02 10:52:50	44400.002	12.333334	1.233334	9.51E+00	1.01E+01	52.49.7	44400.04	1.01E+01
7450	2.069444	406.0280228	3.96E-10	6.04E-10	5.99E-10	12/31/02 10:53:20	44430.002	12.341667	1.241667	9.43E+00	1.01E+01	53.19.7	44430.04	1.01E+01
7500	2.083333	406.0280228	3.81E-10	5.02E-10	5.38E-10	12/31/02 10:53:50	44460.002	12.350001	1.250001	9.42E+00	1.01E+01	53.49.7	44460.04	1.01E+01
7550	2.097222	406.028023	3.94E-10	4.44E-10	4.98E-10	12/31/02 10:54:20	44490.002	12.358334	1.258334	9.37E+00	1.01E+01	54.19.7	44490.04	1.01E+01
7600	2.111111	406.0280232	3.82E-10	4.55E-10	4.61E-10	12/31/02 10:54:50	44520.002	12.366667	1.266667	9.37E+00	1.01E+01	54.49.7	44520.04	1.01E+01
7650	2.125	406.0280233	3.74E-10	3.85E-10	4.14E-10	12/31/02 10:55:20	44550.002	12.375001	1.275001	9.35E+00	1.01E+01	55.19.7	44550.04	1.01E+01
7700	2.138889	406.0280235	3.65E-10	3.45E-10	3.83E-10	12/31/02 10:55:50	44580.002	12.383334	1.283334	9.42E+00	1.01E+01	55.49.7	44580.04	1.01E+01
7750	2.152778	406.0280238	3.90E-10	2.74E-10	3.53E-10	12/31/02 10:56:20	44610.002	12.391667	1.291667	9.47E+00	1.01E+01	56.19.7	44610.04	1.01E+01
7800	2.166667	406.0280237	4.09E-10	2.63E-10	3.49E-10	12/31/02 10:56:50	44640.002	12.400001	1.300001	9.48E+00	1.01E+01	56.49.7	44640.04	1.01E+01
7850	2.180556	406.0280239	4.05E-10	2.85E-10	3.56E-10	12/31/02 10:57:20	44670.002	12.408334	1.308334	9.53E+00	1.02E+01	57.19.7	44670.04	1.02E+01
7900	2.194444	406.028024	3.83E-10	2.76E-10	3.61E-10	12/31/02 10:57:50	44700.002	12.416667	1.316667	9.59E+00	1.02E+01	57.49.7	44700.04	1.02E+01
7950	2.208333	406.0280241	3.84E-10	2.69E-10	3.58E-10	12/31/02 10:58:20	44730.002	12.425001	1.325001	9.56E+00	1.02E+01	58.19.7	44730.04	1.02E+01
8000	2.222222	406.0280243	3.78E-10	2.68E-10	3.57E-10	12/31/02 10:58:50	44760.002	12.433334	1.333334	9.57E+00	1.02E+01	58.49.7	44760.04	1.02E+01
8050	2.236111	406.0280244	3.70E-10	2.63E-10	3.43E-10	12/31/02 10:59:20	44790.002	12.441667	1.341667	9.58E+00	1.02E+01	59.19.7	44790.04	1.02E+01
8100	2.25	406.0280245	3.66E-10	3.48E-10	3.80E-10	12/31/02 10:59:50	44820.002	12.450001	1.350001	9.56E+00	1.02E+01	59.49.7	44820.04	1.02E+01
8150	2.263889	406.0280247	3.60E-10	3.50E-10	3.97E-10	12/31/02 11:00:20	44850.002	12.458334	1.358334	9.48E+00	1.02E+01	60.19.7	44850.04	1.02E+01
8200	2.277778	406.0280248	3.56E-10	3.76E-10	3.85E-10	12/31/02 11:00:50	44880.002	12.466667	1.366667	9.43E+00	1.02E+01	60.49.7	44880.04	1.02E+01
8250	2.291667	406.0280249	3.41E-10	3.90E-10	3.98E-10	12/31/02 11:01:20	44910.002	12.475001	1.375001	9.38E+00	1.02E+01	61.19.7	44910.04	1.02E+01
8300	2.305556	406.0280251	3.43E-10	3.54E-10	4.10E-10	12/31/02 11:01:50	44940.002	12.483334	1.383334	9.38E+00	1.02E+01	61.49.7	44940.04	1.02E+01
8350	2.319444	406.0280252	3.44E-10	3.11E-10	4.23E-10	12/31/02 11:02:20	44970.002	12.491667	1.391667	9.35E+00	1.02E+01	62.19.7	44970.04	1.02E+01
8400	2.333333	406.0280253	3.83E-10	3.12E-10	4.22E-10	12/31/02 11:02:50	45000.002	12.500001	1.400001	9.38E+00	1.02E+01	62.49.7	45000.04	1.02E+01
8450	2.347222	406.0280255	3.22E-10	3.21E-10	4.48E-10	12/31/02 11:03:20	45030.002	12.508334	1.408334	9.37E+00	1.02E+01	63.19.7	45030.04	1.02E+01
8500	2.361111	406.0280257	3.18E-10	3.22E-10	4.54E-10	12/31/02 11:03:50	45060.002	12.516667	1.416667	9.44E+00	1.02E+01	63.49.7	45060.04	1.02E+01
8550	2.375	406.0280258	3.23E-10	3.22E-10	4.54E-10	12/31/02 11:04:20	45090.002	12.525001	1.425001	9.47E+00	1.03E+01	64.19.7	45090.04	1.03E+01
8600	2.388889	406.028026	3.33E-10	3.22E-10	4.55E-10	12/31/02 11:04:50	45120.002	12.533334	1.433334	9.51E+00	1.03E+01	64.49.7	45120.04	1.03E+01
8650	2.402778	406.0280261	3.13E-10	3.28E-10	4.41E-10	12/31/02 11:05:20	45150.002	12.541667	1.441667	9.52E+00	1.03E+01	65.19.7	45150.04	1.03E+01
8700	2.416667	406.0280263	3.05E-10	3.33E-10	4.51E-10	12/31/02 11:05:50	45180.002	12.550001	1.450001	9.53E+00	1.03E+01	65.49.7	45180.04	1.03E+01
8750	2.430556	406.0280264	3.00E-10	3.53E-10	4.46E-10	12/31/02 11:06:20	45210.002	12.558334	1.458334	9.56E+00	1.04E+01	66.19.7	45210.04	1.04E+01
8800	2.444444	406.0280265	3.07E-10	3.54E-10	4.38E-10	12/31/02 11:06:50	45240.002	12.566667	1.466667	9.55E+00	1.04E+01	66.49.7	45240.04	1.04E+01
8850	2.458333	406.0280267	3.31E-10	3.72E-10	4.28E-10	12/31/02 11:07:20	45270.002	12.575001	1.475001	9.60E+00	1.04E+01	67.19.7	45270.04	1.04E+01
8900	2.472222	406.0280268	3.44E-10	4.14E-10	4.03E-10	12/31/02 11:07:50	45300.002	12.583334	1.483334	9.60E+00	1.04E+01	67.49.7	45300.04	1.04E+01
8950	2.486111	406.0280269	3.49E-10	3.82E-10	3.68E-10	12/31/02 11:08:20	45330.002	12.591667	1.491667	9.53E+00	1.04E+01	68.19.7	45330.04	1.04E+01
9000	2.5	406.028027	3.73E-10	3.90E-10	3.79E-10	12/31/02 11:08:50	45360.002	12.600001	1.500001	9.48E+00	1.04E+01	68.49.7	45360.04	1.04E+01
9050	2.513889	406.0280271	3.82E-10	3.65E-10	3.70E-10	12/31/02 11:09:20	45390.002	12.608334	1.508334	9.43E+00	1.04E+01	69.19.7	45390.04	1.04E+01
9100	2.527778	406.0280272	4.01E-10	5.04E-10	3.37E-10	12/31/02 11:09:50	45420.002	12.616667	1.516667	9.39E+00	1.04E+01	69.49.7	45420.04	1.04E+01
9150	2.541667	406.0280274	4.02E-10	4.96E-10	3.34E-10	12/31/02 11:10:20	45450.002	12.625001	1.525001	9.41E+00	1.04E+01	70.19.7	45450.04	1.04E+01
9200	2.555556	406.0280275	4.01E-10	4.95E-10	3.33E-10	12/31/02 11:10:50	45480.002	12.633334	1.533334	9.40E+00	1.04E+01	70.49.7	45480.04	1.04E+01
9250	2.569444	406.0280276	3.95E-10	4.71E-10	3.16E-10	12/31/02 11:11:20	45510.002	12.641667	1.541667	9.47E+00	1.03E+01	71.19.7	45510.04	1.03E+01
9300	2.583333	406.0280277	3.92E-10	4.25E-10	2.96E-10	12/31/02 11:11:50	45540.002	12.650001	1.550001	9.51E+00	1.04E+01	71.49.7	45540.04	1.04E+01
9350	2.597222	406.0280278	3.85E-10	4.23E-10	3.01E-10	12/31/02 11:12:20	45570.002	12.658334	1.558334	9.53E+00	1.04E+01	72.19.7	45570.04	1.04E+01
9400	2.611111	406.0280279	3.85E-10	4.25E-10	3.04E-10	12/31/02 11:12:50	45600.002	12.666667	1.566667	9.57E+00	1.04E+01	72.49.7	45600.04	1.04E+01
9450	2.625	406.028028	3.80E-10	4.45E-10	3.17E-10	12/31/02 11:13:20	45630.002	12.675001	1.575001	9.59E+00	1.05E+01	73.19.7	45630.04	1.05E+01
9500	2.638889	406.0280281	3.68E-10	4.40E-10	3.23E-10	12/31/02 11:13:50	45660.002	12.683334	1.583334	9.58E+00	1.05E+01	73.49.7	45660.04	1.05E+01
9550	2.652778													

THERMALSHOCKMEDIUMTERM

12250	3.402778	406.0280354	3.51E-10	3.26E-10	3.30E-10	12/31/02 11:41:20	47310.002	13.141667	2.041667	9.45E+00	1.07E+01	41:19.7	47310.04	1.07E+01
12300	3.416667	406.0280358	3.65E-10	3.25E-10	3.30E-10	12/31/02 11:41:50	47340.002	13.150001	2.050001	9.38E+00	1.07E+01	41:49.7	47340.04	1.07E+01
12350	3.430556	406.0280357	3.86E-10	3.35E-10	3.34E-10	12/31/02 11:42:20	47370.002	13.158334	2.058334	9.38E+00	1.07E+01	42:19.7	47370.04	1.07E+01
12400	3.444444	406.0280358	3.78E-10	3.15E-10	3.19E-10	12/31/02 11:42:50	47400.002	13.166667	2.066667	9.39E+00	1.07E+01	42:49.7	47400.04	1.07E+01
12450	3.458333	406.0280359	3.75E-10	3.12E-10	3.37E-10	12/31/02 11:43:20	47430.002	13.175001	2.075001	9.39E+00	1.07E+01	43:19.7	47430.04	1.07E+01
12500	3.472222	406.028036	3.60E-10	3.31E-10	3.84E-10	12/31/02 11:43:50	47460.002	13.183334	2.083334	9.41E+00	1.07E+01	43:49.7	47460.04	1.07E+01
12550	3.486111	406.0280362	3.72E-10	3.43E-10	3.82E-10	12/31/02 11:44:20	47490.002	13.191667	2.091667	9.42E+00	1.07E+01	44:19.7	47490.04	1.07E+01
12600	3.5	406.0280363	3.72E-10	3.37E-10	3.98E-10	12/31/02 11:44:50	47520.002	13.200001	2.100001	9.48E+00	1.07E+01	44:49.7	47520.04	1.07E+01
						12/31/02 11:45:20	47550.002	13.208334	2.108334	9.51E+00	1.08E+01	45:19.7	47550.04	1.08E+01
						12/31/02 11:45:50	47580.002	13.216667	2.116667	9.55E+00	1.08E+01	45:49.7	47580.04	1.08E+01
						12/31/02 11:46:20	47610.002	13.225001	2.125001	9.57E+00	1.08E+01	46:19.7	47610.04	1.08E+01
						12/31/02 11:46:50	47640.002	13.233334	2.133334	9.55E+00	1.08E+01	46:49.7	47640.04	1.08E+01
						12/31/02 11:47:20	47670.002	13.241667	2.141667	9.55E+00	1.08E+01	47:19.7	47670.04	1.08E+01
						12/31/02 11:47:50	47700.002	13.250001	2.150001	9.54E+00	1.08E+01	47:49.7	47700.04	1.08E+01
						12/31/02 11:48:20	47730.002	13.258334	2.158334	9.53E+00	1.08E+01	48:19.7	47730.04	1.08E+01
						12/31/02 11:48:50	47760.002	13.266667	2.166667	9.45E+00	1.08E+01	48:49.7	47760.04	1.08E+01
						12/31/02 11:49:20	47790.002	13.275001	2.175001	9.42E+00	1.07E+01	48:19.7	47790.04	1.07E+01
						12/31/02 11:49:50	47820.002	13.283334	2.183334	9.38E+00	1.08E+01	48:49.7	47820.04	1.08E+01
						12/31/02 11:50:20	47850.002	13.291667	2.191667	9.33E+00	1.08E+01	50:19.7	47850.04	1.08E+01
						12/31/02 11:50:50	47880.002	13.300001	2.200001	9.38E+00	1.08E+01	50:49.7	47880.04	1.08E+01
						12/31/02 11:51:20	47910.002	13.308334	2.208334	9.43E+00	1.08E+01	51:19.7	47910.04	1.08E+01
						12/31/02 11:51:50	47940.002	13.316667	2.216667	9.45E+00	1.08E+01	51:49.7	47940.04	1.08E+01
						12/31/02 11:52:20	47970.002	13.325001	2.225001	9.49E+00	1.08E+01	52:19.7	47970.04	1.08E+01
						12/31/02 11:52:50	48000.002	13.333334	2.233334	9.54E+00	1.08E+01	52:49.7	48000.04	1.08E+01
						12/31/02 11:53:20	48030.002	13.341667	2.241667	9.54E+00	1.08E+01	53:19.7	48030.04	1.08E+01
						12/31/02 11:53:50	48060.002	13.350001	2.250001	9.57E+00	1.08E+01	53:49.7	48060.04	1.08E+01
						12/31/02 11:54:20	48090.002	13.358334	2.258334	9.57E+00	1.09E+01	54:19.7	48090.04	1.09E+01
						12/31/02 11:54:50	48120.002	13.366667	2.266667	9.52E+00	1.09E+01	54:49.7	48120.04	1.09E+01
						12/31/02 11:55:20	48150.002	13.375001	2.275001	9.51E+00	1.08E+01	55:19.7	48150.04	1.08E+01
						12/31/02 11:55:50	48180.002	13.383334	2.283334	9.49E+00	1.08E+01	55:49.7	48180.04	1.08E+01
						12/31/02 11:56:20	48210.002	13.391667	2.291667	9.45E+00	1.08E+01	56:19.7	48210.04	1.08E+01
						12/31/02 11:56:50	48240.002	13.400001	2.300001	9.40E+00	1.08E+01	56:49.7	48240.04	1.08E+01
						12/31/02 11:57:20	48270.002	13.408334	2.308334	9.40E+00	1.08E+01	57:19.7	48270.04	1.08E+01
						12/31/02 11:57:50	48300.002	13.416667	2.316667	9.34E+00	1.08E+01	57:49.7	48300.04	1.08E+01
						12/31/02 11:58:20	48330.002	13.425001	2.325001	9.35E+00	1.07E+01	58:19.7	48330.04	1.07E+01
						12/31/02 11:58:50	48360.002	13.433334	2.333334	9.35E+00	1.08E+01	58:49.7	48360.04	1.08E+01
						12/31/02 11:59:20	48390.002	13.441667	2.341667	9.38E+00	1.08E+01	59:19.7	48390.04	1.08E+01
						12/31/02 11:59:50	48420.002	13.450001	2.350001	9.44E+00	1.08E+01	59:49.7	48420.04	1.08E+01
						12/31/02 12:00:20	48450.002	13.458334	2.358334	9.45E+00	1.08E+01	00:19.7	48450.04	1.08E+01
						12/31/02 12:00:50	48480.002	13.466667	2.366667	9.50E+00	1.08E+01	00:49.7	48480.04	1.08E+01
						12/31/02 12:01:20	48510.002	13.475001	2.375001	9.51E+00	1.08E+01	01:19.7	48510.04	1.08E+01
						12/31/02 12:01:50	48540.002	13.483334	2.383334	9.52E+00	1.08E+01	01:49.7	48540.04	1.08E+01
						12/31/02 12:02:20	48570.002	13.491667	2.391667	9.50E+00	1.08E+01	02:19.7	48570.04	1.08E+01
						12/31/02 12:02:50	48600.002	13.500001	2.400001	9.41E+00	1.08E+01	02:49.7	48600.04	1.08E+01
						12/31/02 12:03:20	48630.002	13.508334	2.408334	9.41E+00	1.08E+01	03:19.7	48630.04	1.08E+01
						12/31/02 12:03:50	48660.002	13.516667	2.416667	9.37E+00	1.08E+01	03:49.7	48660.04	1.08E+01
						12/31/02 12:04:20	48690.002	13.525001	2.425001	9.31E+00	1.08E+01	04:19.7	48690.04	1.08E+01
						12/31/02 12:04:50	48720.002	13.533334	2.433334	9.27E+00	1.08E+01	04:49.7	48720.04	1.08E+01
						12/31/02 12:05:20	48750.002	13.541667	2.441667	9.28E+00	1.08E+01	05:19.7	48750.04	1.08E+01
						12/31/02 12:05:50	48780.002	13.550001	2.450001	9.30E+00	1.08E+01	05:49.7	48780.04	1.08E+01
						12/31/02 12:06:20	48810.002	13.558334	2.458334	9.34E+00	1.08E+01	06:19.7	48810.04	1.08E+01
						12/31/02 12:06:50	48840.002	13.566667	2.466667	9.33E+00	1.08E+01	06:49.7	48840.04	1.08E+01
						12/31/02 12:07:20	48870.002	13.575001	2.475001	9.41E+00	1.08E+01	07:19.7	48870.04	1.08E+01
						12/31/02 12:07:50	48900.002	13.583334	2.483334	9.43E+00	1.08E+01	07:49.7	48900.04	1.08E+01
						12/31/02 12:08:20	48930.002	13.591667	2.491667	9.47E+00	1.08E+01	08:19.7	48930.04	1.08E+01
						12/31/02 12:08:50	48960.002	13.600001	2.500001	9.51E+00	1.08E+01	08:49.7	48960.04	1.08E+01
						12/31/02 12:09:20	48990.002	13.608334	2.508334	9.48E+00	1.08E+01	09:19.7	48990.04	1.08E+01
						12/31/02 12:09:50	49020.002	13.616667	2.516667	9.45E+00	1.08E+01	09:49.7	49020.04	1.08E+01
						12/31/02 12:10:20	49050.002	13.625001	2.525001	9.49E+00	1.08E+01	10:19.7	49050.04	1.08E+01
						12/31/02 12:10:50	49080.002	13.633334	2.533334	9.49E+00	1.08E+01	10:49.7	49080.04	1.08E+01
						12/31/02 12:11:20	49110.002	13.641667	2.541667	9.46E+00	1.08E+01	11:19.7	49110.04	1.08E+01
						12/31/02 12:11:50	49140.002	13.650001	2.550001	9.47E+00	1.08E+01	11:49.7	49140.04	1.08E+01
						12/31/02 12:12:20	49170.002	13.658334	2.558334	9.39E+00	1.08E+01	12:19.7	49170.04	1.08E+01
						12/31/02 12:12:50	49200.002	13.666667	2.566667	9.36E+00	1.08E+01	12:49.7	49200.04	1.08E+01
						12/31/02 12:13:20	49230.002	13.675001	2.575001	9.40E+00	1.08E+01	13:19.7	49230.04	1.08E+01
						12/31/02 12:13:50	49260.002	13.683334	2.583334	9.45E+00	1.08E+01	13:49.7	49260.04	1.08E+01
						12/31/02 12:14:20	49290.002	13.691667	2.591667	9.44E+00	1.08E+01	14:19.7	49290.04	1.08E+01
						12/31/02 12:14:50	49320.002	13.700001	2.600001	9.51E+00	1.08E+01	14:49.7	49320.04	1.08E+01
						12/31/02 12:15:20	49350.002	13.708334	2.608334	9.48E+00	1.08E+01	15:19.7	49350.04	1.08E+01
						12/31/02 12:15:50	49380.002	13.716667	2.616667	9.53E+00	1.08E+01	15:49.7	49380.04	1.08E+01
						12/31/02 12:16:20	49410.002	13.725001	2.625001	9.51E+00	1.08E+01	16:19.7	49410.04	1.08E+01
						12/31/02 12:16:50	49440.002	13.733334	2.633334	9.53E+00	1.08E+01	16:49.7	49440.04	1.08E+01
						12/31/02 12:17:20	49470.002	13.741667	2.641667	9.51E+00	1.08E+01	17:19.7	49470.04	1.08E+01
						12/31/02 12:17:50	49500.002	13.750001	2.650001	9.46E+00	1.08E+01	17:49.7	49500.04	1.08E+01
						12/31/02 12:18:20	49530.002	13.758334	2.658334	9.38E+00	1.08E+01	18:19.7	49530.04	1.08E+01
						12/31/02 12:18:50	49560.002	13.766667	2.666667	9.33E+00	1.08E+01	18:49.7	49560.04	1.08E+01
						12/31/02								

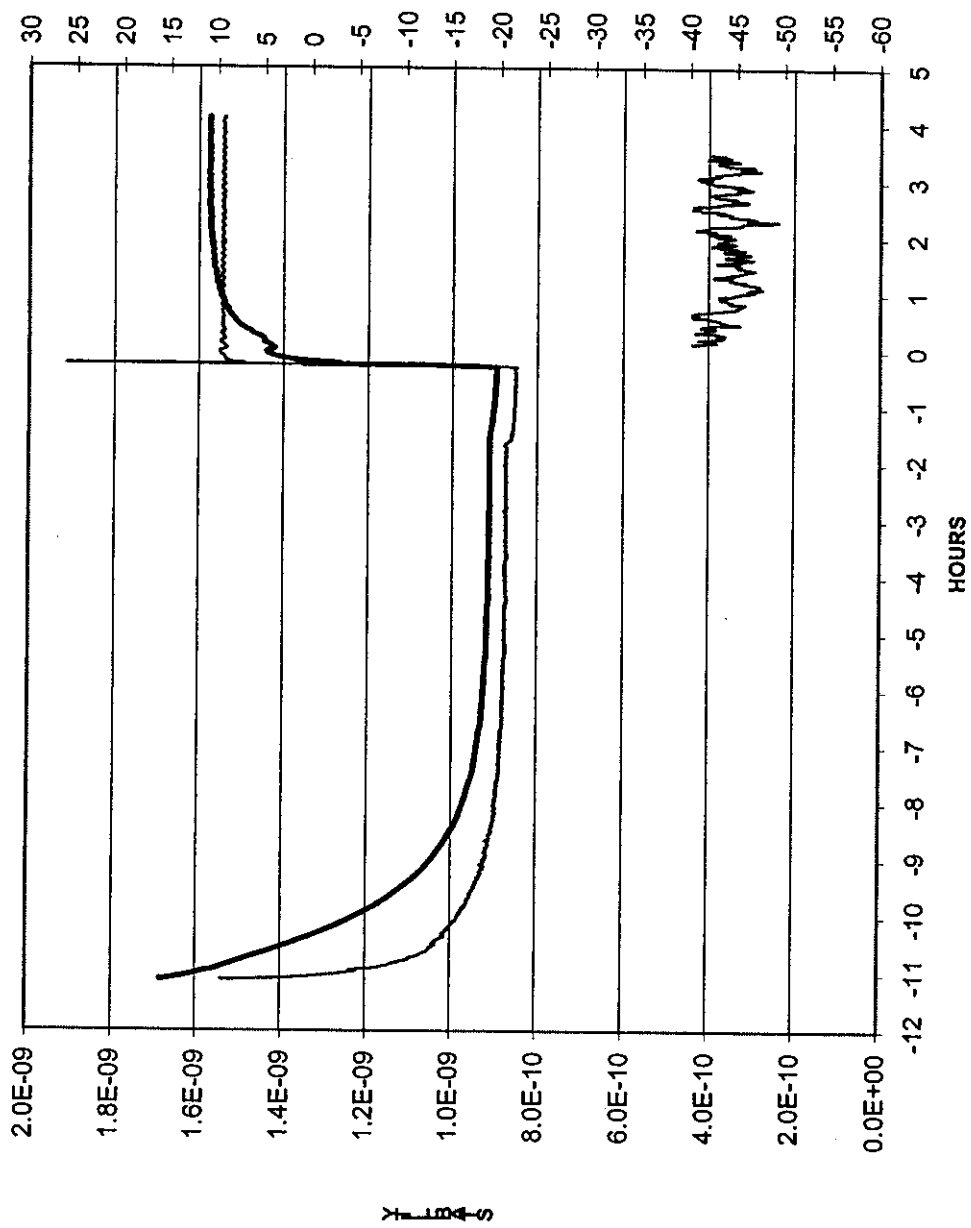
THERMALSHOCKMEDIUMTERM

12/31/02 12:37:50	50700.002	14.083334	2.983334	9.48E+00	1.09E+01	37.497	50700.04	1.09E+01
12/31/02 12:38:20	50730.002	14.091667	2.991667	9.50E+00	1.09E+01	38.197	50730.04	1.09E+01
12/31/02 12:39:50	50760.002	14.100001	3.000001	9.51E+00	1.09E+01	38.497	50760.04	1.09E+01
12/31/02 12:39:20	50790.002	14.108334	3.008334	9.47E+00	1.09E+01	39.197	50790.04	1.09E+01
12/31/02 12:39:50	50820.002	14.116667	3.016667	9.47E+00	1.09E+01	39.497	50820.04	1.09E+01
12/31/02 12:40:20	50850.002	14.125001	3.025001	9.40E+00	1.09E+01	40.197	50850.04	1.09E+01
12/31/02 12:40:50	50880.002	14.133334	3.033334	9.39E+00	1.09E+01	40.497	50880.04	1.09E+01
12/31/02 12:41:20	50910.002	14.141667	3.041667	9.35E+00	1.09E+01	41.197	50910.04	1.09E+01
12/31/02 12:41:50	50940.002	14.150001	3.050001	9.33E+00	1.09E+01	41.497	50940.04	1.09E+01
12/31/02 12:42:20	50970.002	14.158334	3.058334	9.30E+00	1.09E+01	42.197	50970.04	1.09E+01
12/31/02 12:42:50	51000.002	14.166667	3.066667	9.29E+00	1.09E+01	42.497	51000.04	1.09E+01
12/31/02 12:43:20	51030.002	14.175001	3.075001	9.34E+00	1.09E+01	43.197	51030.04	1.09E+01
12/31/02 12:43:50	51060.002	14.183334	3.083334	9.38E+00	1.09E+01	43.497	51060.04	1.09E+01
12/31/02 12:44:20	51090.002	14.191667	3.091667	9.41E+00	1.09E+01	44.197	51090.04	1.09E+01
12/31/02 12:44:50	51120.002	14.200001	3.100001	9.42E+00	1.09E+01	44.497	51120.04	1.09E+01
12/31/02 12:45:20	51150.002	14.208334	3.108334	9.51E+00	1.09E+01	45.197	51150.04	1.09E+01
12/31/02 12:45:50	51180.002	14.216667	3.116667	9.57E+00	1.10E+01	45.497	51180.04	1.10E+01
12/31/02 12:46:20	51210.002	14.225001	3.125001	9.57E+00	1.10E+01	46.197	51210.04	1.10E+01
12/31/02 12:46:50	51240.002	14.233334	3.133334	9.81E+00	1.10E+01	46.497	51240.04	1.10E+01
12/31/02 12:47:20	51270.002	14.241667	3.141667	9.55E+00	1.10E+01	47.197	51270.04	1.10E+01
12/31/02 12:47:50	51300.002	14.250001	3.150001	9.52E+00	1.10E+01	47.497	51300.04	1.10E+01
12/31/02 12:48:20	51330.002	14.258334	3.158334	9.49E+00	1.10E+01	48.197	51330.04	1.10E+01
12/31/02 12:48:50	51360.002	14.266667	3.166667	9.39E+00	1.09E+01	48.497	51360.04	1.09E+01
12/31/02 12:49:20	51390.002	14.275001	3.175001	9.35E+00	1.09E+01	49.197	51390.04	1.09E+01
12/31/02 12:49:50	51420.002	14.283334	3.183334	9.32E+00	1.09E+01	49.497	51420.04	1.09E+01
12/31/02 12:50:20	51450.002	14.291667	3.191667	9.37E+00	1.09E+01	50.197	51450.04	1.09E+01
12/31/02 12:50:50	51480.002	14.300001	3.200001	9.40E+00	1.09E+01	50.497	51480.04	1.09E+01
12/31/02 12:51:20	51510.002	14.308334	3.208334	9.41E+00	1.09E+01	51.197	51510.04	1.09E+01
12/31/02 12:51:50	51540.002	14.316667	3.216667	9.45E+00	1.09E+01	51.497	51540.04	1.09E+01
12/31/02 12:52:20	51570.002	14.325001	3.225001	9.47E+00	1.09E+01	52.197	51570.04	1.09E+01
12/31/02 12:52:50	51600.002	14.333334	3.233334	9.48E+00	1.09E+01	52.497	51600.04	1.09E+01
12/31/02 12:53:20	51630.002	14.341667	3.241667	9.50E+00	1.09E+01	53.197	51630.04	1.09E+01
12/31/02 12:53:50	51660.002	14.350001	3.250001	9.50E+00	1.10E+01	53.497	51660.04	1.10E+01
12/31/02 12:54:20	51690.002	14.358334	3.258334	9.49E+00	1.09E+01	54.197	51690.04	1.09E+01
12/31/02 12:54:50	51720.002	14.366667	3.266667	9.48E+00	1.09E+01	54.497	51720.04	1.09E+01
12/31/02 12:55:20	51750.002	14.375001	3.275001	9.44E+00	1.09E+01	55.197	51750.04	1.09E+01
12/31/02 12:55:50	51780.002	14.383334	3.283334	9.40E+00	1.09E+01	55.497	51780.04	1.09E+01
12/31/02 12:56:20	51810.002	14.391667	3.291667	9.38E+00	1.09E+01	56.197	51810.04	1.09E+01
12/31/02 12:56:50	51840.002	14.400001	3.300001	9.35E+00	1.09E+01	56.497	51840.04	1.09E+01
12/31/02 12:57:20	51870.002	14.408334	3.308334	9.32E+00	1.09E+01	57.197	51870.04	1.09E+01
12/31/02 12:57:50	51900.002	14.416667	3.316667	9.31E+00	1.08E+01	57.497	51900.04	1.08E+01
12/31/02 12:58:20	51930.002	14.425001	3.325001	9.34E+00	1.09E+01	58.197	51930.04	1.09E+01
12/31/02 12:58:50	51960.002	14.433334	3.333334	9.37E+00	1.09E+01	58.497	51960.04	1.09E+01
12/31/02 12:59:20	51990.002	14.441667	3.341667	9.40E+00	1.09E+01	59.197	51990.04	1.09E+01
12/31/02 12:59:50	52020.002	14.450001	3.350001	9.44E+00	1.09E+01	59.497	52020.04	1.09E+01
12/31/02 13:00:20	52050.002	14.458334	3.358334	9.48E+00	1.09E+01	60.197	52050.04	1.09E+01
12/31/02 13:00:50	52080.002	14.466667	3.366667	9.47E+00	1.09E+01	60.497	52080.04	1.09E+01
12/31/02 13:01:20	52110.002	14.475001	3.375001	9.48E+00	1.09E+01	61.197	52110.04	1.09E+01
12/31/02 13:01:50	52140.002	14.483334	3.383334	9.49E+00	1.09E+01	61.497	52140.04	1.09E+01
12/31/02 13:02:20	52170.002	14.491667	3.391667	9.49E+00	1.09E+01	62.197	52170.04	1.09E+01
12/31/02 13:02:50	52200.002	14.500001	3.400001	9.48E+00	1.10E+01	62.497	52200.04	1.10E+01
12/31/02 13:03:20	52230.002	14.508334	3.408334	9.39E+00	1.09E+01	63.197	52230.04	1.09E+01
12/31/02 13:03:50	52260.002	14.516667	3.416667	9.41E+00	1.09E+01	63.497	52260.04	1.09E+01
12/31/02 13:04:20	52290.002	14.525001	3.425001	9.39E+00	1.09E+01	64.197	52290.04	1.09E+01
12/31/02 13:04:50	52320.002	14.533334	3.433334	9.40E+00	1.09E+01	64.497	52320.04	1.09E+01
12/31/02 13:05:20	52350.002	14.541667	3.441667	9.40E+00	1.09E+01	65.197	52350.04	1.09E+01
12/31/02 13:05:50	52380.002	14.550001	3.450001	9.38E+00	1.09E+01	65.497	52380.04	1.09E+01
12/31/02 13:06:20	52410.002	14.558334	3.458334	9.37E+00	1.09E+01	66.197	52410.04	1.09E+01
12/31/02 13:06:50	52440.002	14.566667	3.466667	9.40E+00	1.09E+01	66.497	52440.04	1.09E+01
12/31/02 13:07:20	52470.002	14.575001	3.475001	9.44E+00	1.09E+01	67.197	52470.04	1.09E+01
12/31/02 13:07:50	52500.002	14.583334	3.483334	9.48E+00	1.09E+01	67.497	52500.04	1.09E+01
12/31/02 13:08:20	52530.002	14.591667	3.491667	9.51E+00	1.09E+01	68.197	52530.04	1.09E+01
12/31/02 13:08:50	52560.002	14.600001	3.500001	9.53E+00	1.10E+01	68.497	52560.04	1.10E+01
12/31/02 13:09:20	52590.002	14.608334	3.508334	9.52E+00	1.09E+01	69.197	52590.04	1.09E+01
12/31/02 13:09:50	52620.002	14.616667	3.516667	9.54E+00	1.09E+01	69.497	52620.04	1.09E+01
12/31/02 13:10:20	52650.002	14.625001	3.525001	9.48E+00	1.10E+01	70.197	52650.04	1.10E+01
12/31/02 13:10:50	52680.002	14.633334	3.533334	9.41E+00	1.09E+01	70.497	52680.04	1.09E+01
12/31/02 13:11:20	52710.002	14.641667	3.541667	9.35E+00	1.09E+01	71.197	52710.04	1.09E+01
12/31/02 13:11:50	52740.002	14.650001	3.550001	9.33E+00	1.08E+01	71.497	52740.04	1.08E+01
12/31/02 13:12:20	52770.002	14.658334	3.558334	9.26E+00	1.08E+01	72.197	52770.04	1.08E+01
12/31/02 13:12:50	52800.002	14.666667	3.566667	9.28E+00	1.08E+01	72.497	52800.04	1.08E+01
12/31/02 13:13:20	52830.002	14.675001	3.575001	9.32E+00	1.08E+01	73.197	52830.04	1.08E+01
12/31/02 13:13:50	52860.002	14.683334	3.583334	9.34E+00	1.09E+01	73.497	52860.04	1.09E+01
12/31/02 13:14:20	52890.002	14.691667	3.591667	9.38E+00	1.09E+01	74.197	52890.04	1.09E+01
12/31/02 13:14:50	52920.002	14.700001	3.600001	9.44E+00	1.09E+01	74.497	52920.04	1.09E+01
12/31/02 13:15:20	52950.002	14.708334	3.608334	9.48E+00	1.09E+01	75.197	52950.04	1.09E+01
12/31/02 13:15:50	52980.002	14.716667	3.616667	9.48E+00	1.09E+01	75.497	52980.04	1.09E+01
12/31/02 13:16:20	53010.002	14.725001	3.625001	9.48E+00	1.09E+01	76.197	53010.04	1.09E+01
12/31/02 13:16:50	53040.002	14.733334	3.633334	9.47E+00	1.09E+01	76.497	53040.04	1.09E+01
12/31/02 13:17:20	53070.002	14.741667	3.641667	9.43E+00	1.09E+01	77.197	53070.04	1.09E+01
12/31/02 13:17:50	53100.002	14.750001	3.650001	9.41E+00	1.09E+01	77.497	53100.04	1.09E+01
12/31/02 13:18:20	53130.002	14.758334	3.658334	9.37E+00	1.09E+01	78.197	53130.04	1.09E+01
12/31/02 13:18:50	53160.002	14.766667	3.666667	9.43E+00	1.10E+01	78.497	53160.04	1.10E+01
12/31/02 13:19:20	53190.002	14.775001	3.675001	9.42E+00	1.09E+01	79.197	53190.04	1.09E+01
12/31/02 13:19:50	53220.002	14.783334	3.683334	9.43E+00	1.09E+01	79.497	53220.04	1.09E+01
12/31/02 13:20:20	53250.002	14.791667	3.691667	9.38E+00	1.09E+01	80.197	53250.04	1.09E+01
12/31/02 13:20:50	53280.002	14.800001	3.700001	9.34E+00	1.09E+01	80.497	53280.04	1.09E+01
12/31/02 13:21:20	53310.002	14.808334	3.708334	9.35E+00	1.09E+01	81.197	53310.04	1.09E+01
12/31/02 13:21:50	53340.002	14.816667	3.716667	9.41E+00	1.09E+01	81.497	53340.04	1.09E+01
12/31/02 13:22:20	53370.002	14.825001	3.725001	9.43E+00	1.09E+01	82.197	53370.04	1.09E+01
12/31/02 13:22:50	53400.002	14.833334	3.733334	9.45E+00	1.09E+01	82.497	53400.04	1.09E+01
12/31/02 13:23:20	53430.002	14.841667	3.741667	9.50E+00	1.09E+01	83.197	53430.04	1.09E+01
12/31/02 13:23:50	53460.002	14.850001	3.750001	9.51E+00	1.09E+01	83.497	53460.04	1.09E+01
12/31/02 13:24:20	53490.002	14.858334	3.758334	9.48E+00	1.09E+01	84.197	53490.04	1.09E+01
12/31/02 13:24:50	53520.002	14.866667	3.766667	9.53E+00	1.09E+01	84.497</		

THERMALSHOCKMEDIUMTERM

12/31/02 13:34:20	54090.002	15.025001	3.925001	9.42E+00	1.09E+01	34:19.7	54090.04	1.09E+01
12/31/02 13:34:50	54120.002	15.033334	3.933334	9.40E+00	1.09E+01	34:49.7	54120.04	1.09E+01
12/31/02 13:35:20	54150.002	15.041667	3.941667	9.39E+00	1.09E+01	35:19.7	54150.04	1.09E+01
12/31/02 13:35:50	54180.002	15.050001	3.950001	9.40E+00	1.09E+01	35:49.7	54180.04	1.09E+01
12/31/02 13:36:20	54210.002	15.058334	3.958334	9.42E+00	1.09E+01	36:19.7	54210.04	1.09E+01
12/31/02 13:36:50	54240.002	15.066667	3.966667	9.41E+00	1.09E+01	36:49.7	54240.04	1.09E+01
12/31/02 13:37:20	54270.002	15.075001	3.975001	9.42E+00	1.09E+01	37:19.7	54270.04	1.09E+01
12/31/02 13:37:50	54300.002	15.083334	3.983334	9.38E+00	1.09E+01	37:49.7	54300.04	1.09E+01
12/31/02 13:38:20	54330.002	15.091667	3.991667	9.41E+00	1.09E+01	38:19.7	54330.04	1.09E+01
12/31/02 13:38:50	54360.002	15.100001	4.000001	9.43E+00	1.09E+01	38:49.7	54360.04	1.09E+01
12/31/02 13:39:20	54390.002	15.108334	4.008334	9.48E+00	1.09E+01	39:19.7	54390.04	1.09E+01
12/31/02 13:39:50	54420.002	15.116667	4.016667	9.47E+00	1.09E+01	39:49.7	54420.04	1.09E+01
12/31/02 13:40:20	54450.002	15.125001	4.025001	9.50E+00	1.09E+01	40:19.7	54450.04	1.09E+01
12/31/02 13:40:50	54480.002	15.133334	4.033334	9.49E+00	1.09E+01	40:49.7	54480.04	1.09E+01
12/31/02 13:41:20	54510.002	15.141667	4.041667	9.48E+00	1.09E+01	41:19.7	54510.04	1.09E+01
12/31/02 13:41:50	54540.002	15.150001	4.050001	9.47E+00	1.10E+01	41:49.7	54540.04	1.10E+01
12/31/02 13:42:20	54570.002	15.158334	4.058334	9.43E+00	1.09E+01	42:19.7	54570.04	1.09E+01
12/31/02 13:42:50	54600.002	15.166667	4.066667	9.42E+00	1.09E+01	42:49.7	54600.04	1.09E+01
12/31/02 13:43:20	54630.002	15.175001	4.075001	9.37E+00	1.09E+01	43:19.7	54630.04	1.09E+01
12/31/02 13:43:50	54660.002	15.183334	4.083334	9.35E+00	1.09E+01	43:49.7	54660.04	1.09E+01
12/31/02 13:44:20	54690.002	15.191667	4.091667	9.33E+00	1.09E+01	44:19.7	54690.04	1.09E+01
12/31/02 13:44:50	54720.002	15.200001	4.100001	9.30E+00	1.09E+01	44:49.7	54720.04	1.09E+01
12/31/02 13:45:20	54750.002	15.208334	4.108334	9.33E+00	1.09E+01	45:19.7	54750.04	1.09E+01
12/31/02 13:45:50	54780.002	15.216667	4.116667	9.36E+00	1.09E+01	45:49.7	54780.04	1.09E+01

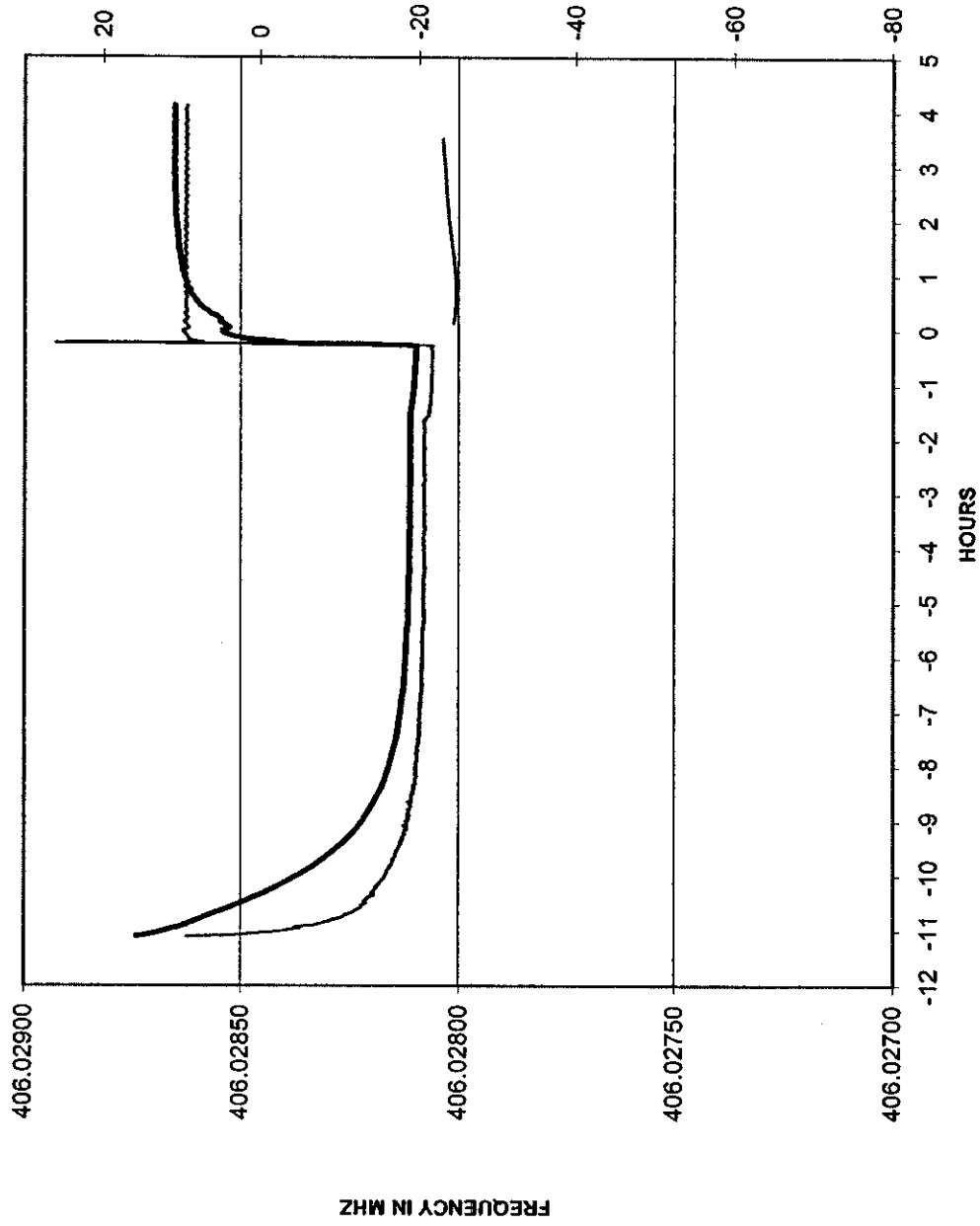
SN2007 THERMALSHOCK SHORT TERM



12/3/02
NUT/ABSS

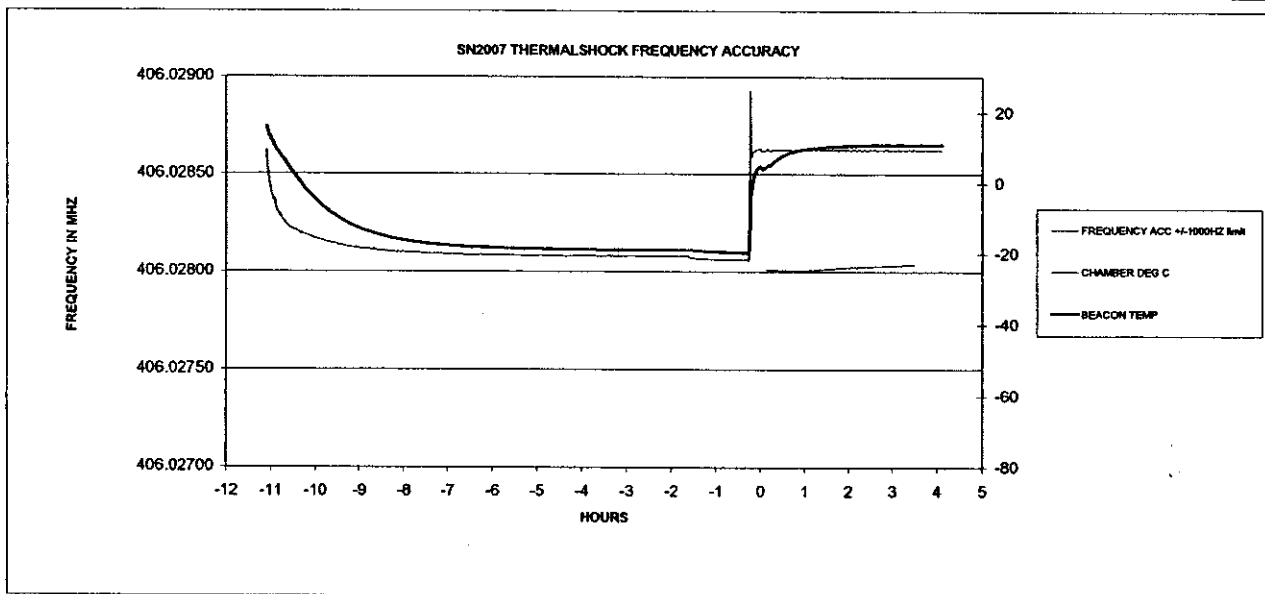
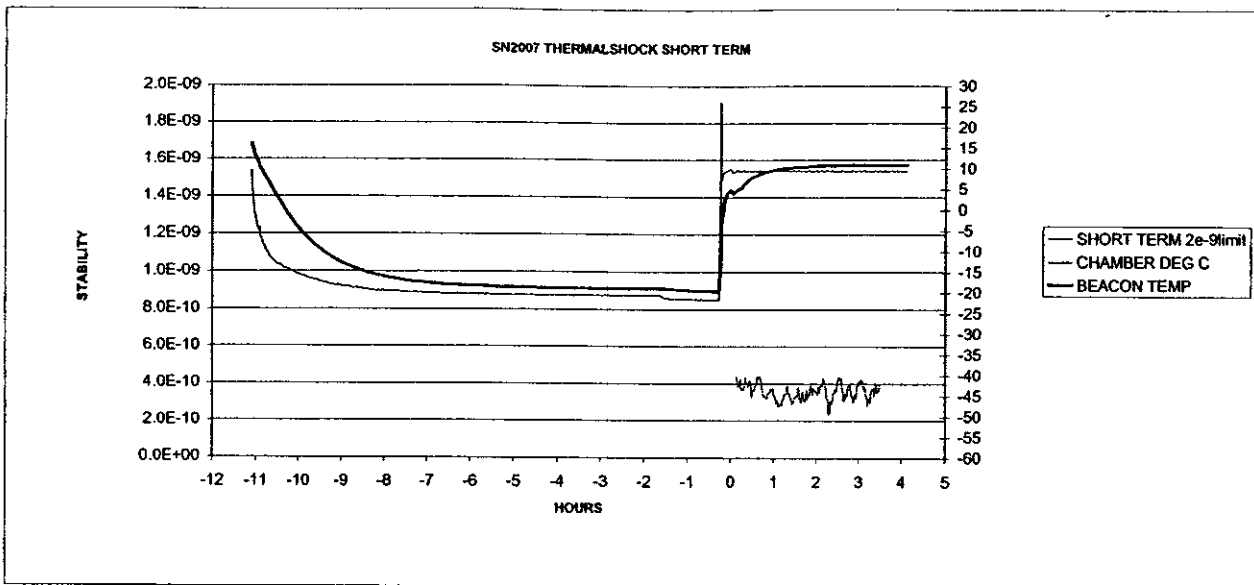


SN2007 THERMALSHOCK FREQUENCY ACCURACY



12/21/02
 11/24/02
 ORL
 SGT
 DME
 (H)

12/3/02
ALH
PSS



THERMALSHOCKSHORTTERM

TIMESEC	TIMEHR	Freq	Short	Medium	Mean_Slope	101(Time stamp)	101(Second hours)	101(C)	102(C)	102(Time : 102(Secon 102(C)
12/30/02	22:32:50	0.018	0.000005	-11.099995	9.38E+00	1.58E+01	32.49.7	0.057	1.58E+01	
12/30/02	22:33:20	30.002	0.008334	-11.091666	8.94E+00	1.54E+01	33.19.7	30.042	1.54E+01	
12/30/02	22:33:50	60.002	0.016667	-11.083333	4.98E+00	1.51E+01	33.49.7	60.041	1.51E+01	
12/30/02	22:34:20	90.002	0.025001	-11.074999	3.85E+00	1.48E+01	34.19.7	90.041	1.48E+01	
12/30/02	22:34:50	120.002	0.033334	-11.066666	2.71E+00	1.45E+01	34.49.7	120.041	1.45E+01	
12/30/02	22:35:20	150.002	0.041667	-11.058333	1.84E+00	1.42E+01	35.19.7	150.041	1.42E+01	
12/30/02	22:35:50	180.002	0.050001	-11.049999	1.37E+00	1.39E+01	35.49.7	180.041	1.39E+01	
12/30/02	22:36:20	210.002	0.058334	-11.041666	3.70E-01	1.36E+01	36.19.7	210.041	1.36E+01	
12/30/02	22:36:50	240.002	0.066667	-11.033333	-4.50E-02	1.33E+01	36.49.7	240.041	1.33E+01	
12/30/02	22:37:20	270.002	0.075001	-11.024999	-6.81E-01	1.31E+01	37.19.7	270.041	1.31E+01	
12/30/02	22:37:50	300.002	0.083334	-11.016666	-1.30E+00	1.29E+01	37.49.7	300.042	1.29E+01	
12/30/02	22:38:20	330.002	0.091667	-11.008333	-1.88E+00	1.27E+01	38.19.7	330.041	1.27E+01	
12/30/02	22:38:50	360.002	0.100001	-10.999999	-2.45E+00	1.24E+01	38.49.7	360.041	1.24E+01	
12/30/02	22:39:20	390.002	0.108334	-10.991666	-3.04E+00	1.22E+01	39.19.7	390.041	1.22E+01	
12/30/02	22:39:50	420.002	0.116667	-10.983333	-3.12E+00	1.20E+01	39.49.7	420.041	1.20E+01	
12/30/02	22:40:20	450.002	0.125001	-10.974999	-3.90E+00	1.18E+01	40.19.7	450.041	1.18E+01	
12/30/02	22:40:50	480.002	0.133334	-10.966666	-3.84E+00	1.17E+01	40.49.7	480.041	1.17E+01	
12/30/02	22:41:20	510.002	0.141667	-10.958333	-4.31E+00	1.15E+01	41.19.7	510.041	1.15E+01	
12/30/02	22:41:50	540.002	0.150001	-10.949999	-4.61E+00	1.13E+01	41.49.7	540.041	1.13E+01	
12/30/02	22:42:20	570.002	0.158334	-10.941666	-5.10E+00	1.11E+01	42.19.7	570.041	1.11E+01	
12/30/02	22:42:50	600.002	0.166667	-10.933333	-4.86E+00	1.07E+01	42.49.7	600.041	1.07E+01	
12/30/02	22:43:20	630.002	0.175001	-10.924999	-4.29E+00	1.04E+01	43.19.7	630.041	1.04E+01	
12/30/02	22:43:50	660.002	0.183334	-10.916666	-4.88E+00	1.02E+01	43.49.7	660.041	1.02E+01	
12/30/02	22:44:20	690.002	0.191667	-10.908333	-5.31E+00	1.01E+01	44.19.7	690.041	1.01E+01	
12/30/02	22:44:50	720.002	0.200001	-10.899999	-6.14E+00	9.91E+00	44.49.7	720.041	9.91E+00	
12/30/02	22:45:20	750.002	0.208334	-10.891666	-6.80E+00	9.77E+00	45.19.7	750.041	9.77E+00	
12/30/02	22:45:50	780.002	0.216667	-10.883333	-6.87E+00	9.63E+00	45.49.7	780.041	9.63E+00	
12/30/02	22:46:20	810.002	0.225001	-10.874999	-7.25E+00	9.50E+00	46.19.7	810.041	9.50E+00	
12/30/02	22:46:50	840.002	0.233334	-10.866666	-7.43E+00	9.34E+00	46.49.7	840.041	9.34E+00	
12/30/02	22:47:20	870.002	0.241667	-10.858333	-7.47E+00	9.21E+00	47.19.7	870.041	9.21E+00	
12/30/02	22:47:50	900.002	0.250001	-10.849999	-7.95E+00	9.05E+00	47.49.7	900.041	9.05E+00	
12/30/02	22:48:20	930.002	0.258334	-10.841666	-8.07E+00	8.90E+00	48.19.7	930.041	8.90E+00	
12/30/02	22:48:50	960.002	0.266667	-10.833333	-8.59E+00	8.75E+00	48.49.7	960.041	8.75E+00	
12/30/02	22:49:20	990.002	0.275001	-10.824999	-8.39E+00	8.64E+00	49.19.7	990.041	8.64E+00	
12/30/02	22:49:50	1020.002	0.283334	-10.816666	-8.96E+00	8.48E+00	49.49.7	1020.041	8.48E+00	
12/30/02	22:50:20	1050.002	0.291667	-10.808333	-8.61E+00	8.25E+00	50.19.7	1050.041	8.25E+00	
12/30/02	22:50:50	1080.002	0.300001	-10.799999	-9.04E+00	8.13E+00	50.49.7	1080.041	8.13E+00	
12/30/02	22:51:20	1110.002	0.308334	-10.791666	-9.12E+00	7.98E+00	51.19.7	1110.041	7.98E+00	
12/30/02	22:51:50	1140.002	0.316667	-10.783333	-9.58E+00	7.83E+00	51.49.7	1140.041	7.83E+00	
12/30/02	22:52:20	1170.002	0.325001	-10.774999	-9.24E+00	7.70E+00	52.19.7	1170.041	7.70E+00	
12/30/02	22:52:50	1200.002	0.333334	-10.766666	-9.91E+00	7.54E+00	52.49.7	1200.041	7.54E+00	
12/30/02	22:53:20	1230.002	0.341667	-10.758333	-9.84E+00	7.39E+00	53.19.7	1230.041	7.39E+00	
12/30/02	22:53:50	1260.002	0.350001	-10.749999	-1.02E+01	7.26E+00	53.49.7	1260.041	7.26E+00	
12/30/02	22:54:20	1290.002	0.358334	-10.741666	-1.04E+01	7.10E+00	54.19.7	1290.041	7.10E+00	
12/30/02	22:54:50	1320.002	0.366667	-10.733333	-1.05E+01	6.98E+00	54.49.7	1320.041	6.98E+00	
12/30/02	22:55:20	1350.002	0.375001	-10.724999	-1.05E+01	6.84E+00	55.19.7	1350.041	6.84E+00	
12/30/02	22:55:50	1380.002	0.383334	-10.716666	-1.07E+01	6.69E+00	55.49.7	1380.042	6.69E+00	
12/30/02	22:56:20	1410.002	0.391667	-10.708333	-1.06E+01	6.53E+00	56.19.7	1410.041	6.53E+00	
12/30/02	22:56:50	1440.002	0.400001	-10.699999	-1.09E+01	6.39E+00	56.49.7	1440.041	6.39E+00	
12/30/02	22:57:20	1470.002	0.408334	-10.691666	-1.12E+01	6.26E+00	57.19.7	1470.041	6.26E+00	
12/30/02	22:57:50	1500.002	0.416667	-10.683333	-1.12E+01	6.11E+00	57.49.7	1500.041	6.11E+00	
12/30/02	22:58:20	1530.002	0.425001	-10.674999	-1.13E+01	5.95E+00	58.19.7	1530.041	5.95E+00	
12/30/02	22:58:50	1560.002	0.433334	-10.666666	-1.16E+01	5.81E+00	58.49.7	1560.041	5.81E+00	
12/30/02	22:59:20	1590.002	0.441667	-10.658333	-1.17E+01	5.63E+00	59.19.7	1590.041	5.63E+00	
12/30/02	22:59:50	1620.002	0.450001	-10.649999	-1.17E+01	5.47E+00	59.49.7	1620.041	5.47E+00	
12/30/02	23:00:20	1650.002	0.458334	-10.641666	-1.19E+01	5.25E+00	60.19.7	1650.041	5.25E+00	
12/30/02	23:00:50	1680.002	0.466667	-10.633333	-1.19E+01	5.11E+00	60.49.7	1680.041	5.11E+00	
12/30/02	23:01:20	1710.002	0.475001	-10.624999	-1.20E+01	4.97E+00	61.19.7	1710.041	4.97E+00	
12/30/02	23:01:50	1740.002	0.483334	-10.616666	-1.21E+01	4.80E+00	61.49.7	1740.041	4.80E+00	
12/30/02	23:02:20	1770.002	0.491667	-10.608333	-1.21E+01	4.67E+00	62.19.7	1770.041	4.67E+00	
12/30/02	23:02:50	1800.002	0.500001	-10.599999	-1.23E+01	4.52E+00	62.49.7	1800.041	4.52E+00	
12/30/02	23:03:20	1830.002	0.508334	-10.591666	-1.25E+01	4.37E+00	63.19.7	1830.041	4.37E+00	
12/30/02	23:03:50	1860.002	0.516667	-10.583333	-1.25E+01	4.21E+00	63.49.7	1860.041	4.21E+00	
12/30/02	23:04:20	1890.002	0.525001	-10.574999	-1.26E+01	4.07E+00	64.19.7	1890.041	4.07E+00	
12/30/02	23:04:50	1920.002	0.533334	-10.566666	-1.26E+01	3.93E+00	64.49.7	1920.041	3.93E+00	
12/30/02	23:05:20	1950.002	0.541667	-10.558333	-1.27E+01	3.79E+00	65.19.7	1950.041	3.79E+00	
12/30/02	23:05:50	1980.002	0.550001	-10.549999	-1.28E+01	3.65E+00	65.49.7	1980.041	3.65E+00	
12/30/02	23:06:20	2010.002	0.558334	-10.541666	-1.29E+01	3.50E+00	66.19.7	2010.041	3.50E+00	
12/30/02	23:06:50	2040.002	0.566667	-10.533333	-1.28E+01	3.35E+00	66.49.7	2040.041	3.35E+00	
12/30/02	23:07:20	2070.002	0.575001	-10.524999	-1.27E+01	3.23E+00	67.19.7	2070.041	3.23E+00	
12/30/02	23:07:50	2100.002	0.583334	-10.516666	-1.31E+01	3.06E+00	67.49.7	2100.041	3.06E+00	
12/30/02	23:08:20	2130.002	0.591667	-10.508333	-1.31E+01	2.92E+00	68.19.7	2130.041	2.92E+00	
12/30/02	23:08:50	2160.002	0.600001	-10.499999	-1.32E+01	2.80E+00	68.49.7	2160.041	2.80E+00	
12/30/02	23:09:20	2190.002	0.608334	-10.491666	-1.34E+01	2.65E+00	69.19.7	2190.043	2.65E+00	
12/30/02	23:09:50	2220.002	0.616667	-10.483333	-1.34E+01	2.51E+00	69.49.7	2220.041	2.51E+00	
12/30/02	23:10:20	2250.002	0.625001	-10.474999	-1.34E+01	2.36E+00	70.19.7	2250.041	2.36E+00	
12/30/02	23:10:50	2280.002	0.633334	-10.466666	-1.32E+01	2.21E+00	70.49.7	2280.041	2.21E+00	
12/30/02	23:11:20	2310.002	0.641667	-10.458333	-1.33E+01	2.10E+00	71.19.7	2310.041	2.10E+00	
12/30/02	23:11:50	2340.002	0.650001	-10.449999	-1.31E+01	1.94E+00	71.49.7	2340.041	1.94E+00	
12/30/02	23:12:20	2370.002	0.658334	-10.441666	-1.33E+01	1.82E+00	72.19.7	2370.041	1.82E+00	
12/30/02	23:12:50	2400.002	0.666667	-10.433333	-1.32E+01	1.68E+00	72.49.7	2400.041	1.68E+00	
12/30/02	23:13:20	2430.002	0.675001	-10.424999	-1.34E+01	1.55E+00	73.19.7	2430.041	1.55E+00	
12/30/02	23:13:50	2460.002	0.683334	-10.416666	-1.36E+01	1.39E+00	73.49.7	2460.041	1.39E+00	
12/30/02	23:14:20	2490.002	0.691667	-10.408333	-1.34E+01	1.29E+00	74.19.7	2490.041	1.29E+00	
12/30/02	23:14:50	2520.002	0.700001	-10.399999	-1.36E+01	1.16E+00	74.49.7	2520.042	1.16E+00	
12/30/02	23:15:20	2550.002	0.708334	-10.391666	-1.37E+01	1.00E+00	75.19.7	2550.041	1.00E+00	
12/30/02	23:15:50	2580.002	0.716667	-10.383333	-1.36E+01	8.92E-01	75.49.7	2580.041	8.92E-01	
12/30/02	23:16:20	2610.002	0.725001	-10.374999	-1.40E+01	7.56E-01	76.19.7	2610.041	7.56E-01	
12/30/02	23:16:50	2640.002	0.733334	-10						

THERMALSHOCKSHORTTERM

12/30/02 23:26:20	3210.002	0.891667	-10.208333	-1.47E+01	-1.84E+00	26:19.7	3210.041	-1.84E+00
12/30/02 23:26:50	3240.002	0.900001	-10.199999	-1.47E+01	-1.96E+00	26:49.7	3240.042	-1.96E+00
12/30/02 23:27:20	3270.002	0.908334	-10.191666	-1.46E+01	-2.07E+00	27:19.7	3270.041	-2.07E+00
12/30/02 23:27:50	3300.002	0.916667	-10.183333	-1.47E+01	-2.20E+00	27:49.7	3300.041	-2.20E+00
12/30/02 23:28:20	3330.002	0.925001	-10.174999	-1.47E+01	-2.30E+00	28:19.7	3330.041	-2.30E+00
12/30/02 23:28:50	3360.002	0.933334	-10.166666	-1.49E+01	-2.42E+00	28:49.7	3360.041	-2.42E+00
12/30/02 23:29:20	3390.002	0.941667	-10.158333	-1.49E+01	-2.54E+00	29:19.7	3390.041	-2.54E+00
12/30/02 23:29:50	3420.002	0.950001	-10.149999	-1.49E+01	-2.64E+00	29:49.7	3420.041	-2.64E+00
12/30/02 23:30:20	3450.002	0.958334	-10.141666	-1.51E+01	-2.75E+00	30:19.7	3450.041	-2.75E+00
12/30/02 23:30:50	3480.002	0.966667	-10.133333	-1.51E+01	-2.88E+00	30:49.7	3480.041	-2.88E+00
12/30/02 23:31:20	3510.002	0.975001	-10.124999	-1.50E+01	-2.98E+00	31:19.7	3510.041	-2.98E+00
12/30/02 23:31:50	3540.002	0.983334	-10.116666	-1.50E+01	-3.09E+00	31:49.7	3540.042	-3.09E+00
12/30/02 23:32:20	3570.002	0.991667	-10.108333	-1.51E+01	-3.20E+00	32:19.7	3570.041	-3.20E+00
12/30/02 23:32:50	3600.002	1.000001	-10.099999	-1.52E+01	-3.34E+00	32:49.7	3600.041	-3.34E+00
12/30/02 23:33:20	3630.002	1.008334	-10.091666	-1.53E+01	-3.43E+00	33:19.7	3630.041	-3.43E+00
12/30/02 23:33:50	3660.002	1.016667	-10.083333	-1.53E+01	-3.54E+00	33:49.7	3660.041	-3.54E+00
12/30/02 23:34:20	3690.002	1.025001	-10.074999	-1.53E+01	-3.65E+00	34:19.7	3690.041	-3.65E+00
12/30/02 23:34:50	3720.002	1.033334	-10.066666	-1.53E+01	-3.75E+00	34:49.7	3720.041	-3.75E+00
12/30/02 23:35:20	3750.002	1.041667	-10.058333	-1.55E+01	-3.86E+00	35:19.7	3750.041	-3.86E+00
12/30/02 23:35:50	3780.002	1.050001	-10.049999	-1.55E+01	-3.96E+00	35:49.7	3780.041	-3.96E+00
12/30/02 23:36:20	3810.002	1.058334	-10.041666	-1.56E+01	-4.05E+00	36:19.7	3810.041	-4.05E+00
12/30/02 23:36:50	3840.002	1.066667	-10.033333	-1.57E+01	-4.16E+00	36:49.7	3840.041	-4.16E+00
12/30/02 23:37:20	3870.002	1.075001	-10.024999	-1.56E+01	-4.27E+00	37:19.7	3870.041	-4.27E+00
12/30/02 23:37:50	3900.002	1.083334	-10.016666	-1.56E+01	-4.37E+00	37:49.7	3900.041	-4.37E+00
12/30/02 23:38:20	3930.002	1.091667	-10.008333	-1.56E+01	-4.47E+00	38:19.7	3930.041	-4.47E+00
12/30/02 23:38:50	3960.002	1.100001	-9.999999	-1.57E+01	-4.57E+00	38:49.7	3960.041	-4.57E+00
12/30/02 23:39:20	3990.002	1.108334	-9.991666	-1.57E+01	-4.67E+00	39:19.7	3990.041	-4.67E+00
12/30/02 23:39:50	4020.002	1.116667	-9.983333	-1.57E+01	-4.79E+00	39:49.7	4020.041	-4.79E+00
12/30/02 23:40:20	4050.002	1.125001	-9.974999	-1.57E+01	-4.88E+00	40:19.7	4050.041	-4.88E+00
12/30/02 23:40:50	4080.002	1.133334	-9.966666	-1.59E+01	-4.98E+00	40:49.7	4080.041	-4.98E+00
12/30/02 23:41:20	4110.002	1.141667	-9.958333	-1.59E+01	-5.07E+00	41:19.7	4110.041	-5.07E+00
12/30/02 23:41:50	4140.002	1.150001	-9.949999	-1.59E+01	-5.18E+00	41:49.7	4140.041	-5.18E+00
12/30/02 23:42:20	4170.002	1.158334	-9.941666	-1.59E+01	-5.26E+00	42:19.7	4170.041	-5.26E+00
12/30/02 23:42:50	4200.002	1.166667	-9.933333	-1.60E+01	-5.38E+00	42:49.7	4200.041	-5.38E+00
12/30/02 23:43:20	4230.002	1.175001	-9.924999	-1.60E+01	-5.48E+00	43:19.7	4230.041	-5.48E+00
12/30/02 23:43:50	4260.002	1.183334	-9.916666	-1.59E+01	-5.56E+00	43:49.7	4260.041	-5.56E+00
12/30/02 23:44:20	4290.002	1.191667	-9.908333	-1.59E+01	-5.67E+00	44:19.7	4290.041	-5.67E+00
12/30/02 23:44:50	4320.002	1.200001	-9.899999	-1.61E+01	-5.74E+00	44:49.7	4320.041	-5.74E+00
12/30/02 23:45:20	4350.002	1.208334	-9.891666	-1.61E+01	-5.85E+00	45:19.7	4350.042	-5.85E+00
12/30/02 23:45:50	4380.002	1.216667	-9.883333	-1.61E+01	-5.93E+00	45:49.7	4380.041	-5.93E+00
12/30/02 23:46:20	4410.002	1.225001	-9.874999	-1.61E+01	-6.02E+00	46:19.7	4410.041	-6.02E+00
12/30/02 23:46:50	4440.002	1.233334	-9.866666	-1.61E+01	-6.13E+00	46:49.7	4440.041	-6.13E+00
12/30/02 23:47:20	4470.002	1.241667	-9.858333	-1.63E+01	-6.20E+00	47:19.7	4470.041	-6.20E+00
12/30/02 23:47:50	4500.002	1.250001	-9.849999	-1.63E+01	-6.32E+00	47:49.7	4500.041	-6.32E+00
12/30/02 23:48:20	4530.002	1.258334	-9.841666	-1.62E+01	-6.40E+00	48:19.7	4530.041	-6.40E+00
12/30/02 23:48:50	4560.002	1.266667	-9.833333	-1.62E+01	-6.49E+00	48:49.7	4560.041	-6.49E+00
12/30/02 23:49:20	4590.002	1.275001	-9.824999	-1.63E+01	-6.56E+00	49:19.7	4590.041	-6.56E+00
12/30/02 23:49:50	4620.002	1.283334	-9.816666	-1.65E+01	-6.66E+00	49:49.7	4620.042	-6.66E+00
12/30/02 23:50:20	4650.002	1.291667	-9.808333	-1.64E+01	-6.76E+00	50:19.7	4650.042	-6.76E+00
12/30/02 23:50:50	4680.002	1.300001	-9.799999	-1.63E+01	-6.83E+00	50:49.7	4680.041	-6.83E+00
12/30/02 23:51:20	4710.002	1.308334	-9.791666	-1.66E+01	-6.92E+00	51:19.7	4710.041	-6.92E+00
12/30/02 23:51:50	4740.002	1.316667	-9.783333	-1.65E+01	-7.00E+00	51:49.7	4740.041	-7.00E+00
12/30/02 23:52:20	4770.002	1.325001	-9.774999	-1.67E+01	-7.07E+00	52:19.7	4770.041	-7.07E+00
12/30/02 23:52:50	4800.002	1.333334	-9.766666	-1.65E+01	-7.16E+00	52:49.7	4800.041	-7.16E+00
12/30/02 23:53:20	4830.002	1.341667	-9.758333	-1.66E+01	-7.25E+00	53:19.7	4830.041	-7.25E+00
12/30/02 23:53:50	4860.002	1.350001	-9.749999	-1.67E+01	-7.31E+00	53:49.7	4860.041	-7.31E+00
12/30/02 23:54:20	4890.002	1.358334	-9.741666	-1.66E+01	-7.43E+00	54:19.7	4890.041	-7.43E+00
12/30/02 23:54:50	4920.002	1.366667	-9.733333	-1.67E+01	-7.50E+00	54:49.7	4920.041	-7.50E+00
12/30/02 23:55:20	4950.002	1.375001	-9.724999	-1.68E+01	-7.57E+00	55:19.7	4950.041	-7.57E+00
12/30/02 23:55:50	4980.002	1.383334	-9.716666	-1.68E+01	-7.65E+00	55:49.7	4980.041	-7.65E+00
12/30/02 23:56:20	5010.002	1.391667	-9.708333	-1.68E+01	-7.74E+00	56:19.7	5010.041	-7.74E+00
12/30/02 23:56:50	5040.002	1.400001	-9.699999	-1.67E+01	-7.79E+00	56:49.7	5040.041	-7.79E+00
12/30/02 23:57:20	5070.002	1.408334	-9.691666	-1.68E+01	-7.88E+00	57:19.7	5070.041	-7.88E+00
12/30/02 23:57:50	5100.002	1.416667	-9.683333	-1.67E+01	-7.96E+00	57:49.7	5100.041	-7.96E+00
12/30/02 23:58:20	5130.002	1.425001	-9.674999	-1.69E+01	-8.04E+00	58:19.7	5130.041	-8.04E+00
12/30/02 23:58:50	5160.002	1.433334	-9.666666	-1.68E+01	-8.11E+00	58:49.7	5160.041	-8.11E+00
12/30/02 23:59:20	5190.002	1.441667	-9.658333	-1.69E+01	-8.19E+00	59:19.7	5190.041	-8.19E+00
12/30/02 23:59:50	5220.002	1.450001	-9.649999	-1.69E+01	-8.25E+00	59:49.7	5220.041	-8.25E+00
12/31/02 0:00:20	5250.002	1.458334	-9.641666	-1.70E+01	-8.34E+00	00:19.7	5250.041	-8.34E+00
12/31/02 0:00:50	5280.002	1.466667	-9.633333	-1.70E+01	-8.43E+00	00:49.7	5280.041	-8.43E+00
12/31/02 0:01:20	5310.002	1.475001	-9.624999	-1.70E+01	-8.49E+00	01:19.7	5310.041	-8.49E+00
12/31/02 0:01:50	5340.002	1.483334	-9.616666	-1.70E+01	-8.58E+00	01:49.7	5340.041	-8.58E+00
12/31/02 0:02:20	5370.002	1.491667	-9.608333	-1.70E+01	-8.63E+00	02:19.7	5370.041	-8.63E+00
12/31/02 0:02:50	5400.002	1.500001	-9.599999	-1.71E+01	-8.72E+00	02:49.7	5400.042	-8.72E+00
12/31/02 0:03:20	5430.002	1.508334	-9.591666	-1.69E+01	-8.76E+00	03:19.7	5430.041	-8.76E+00
12/31/02 0:03:50	5460.002	1.516667	-9.583333	-1.70E+01	-8.85E+00	03:49.7	5460.041	-8.85E+00
12/31/02 0:04:20	5490.002	1.525001	-9.574999	-1.71E+01	-8.91E+00	04:19.7	5490.041	-8.91E+00
12/31/02 0:04:50	5520.002	1.533334	-9.566666	-1.72E+01	-8.98E+00	04:49.7	5520.042	-8.98E+00
12/31/02 0:05:20	5550.002	1.541667	-9.558333	-1.72E+01	-9.03E+00	05:19.7	5550.041	-9.03E+00
12/31/02 0:05:50	5580.002	1.550001	-9.549999	-1.71E+01	-9.14E+00	05:49.7	5580.041	-9.14E+00
12/31/02 0:06:20	5610.002	1.558334	-9.541666	-1.72E+01	-9.18E+00	06:19.7	5610.041	-9.18E+00
12/31/02 0:06:50	5640.002	1.566667	-9.533333	-1.73E+01	-9.27E+00	06:49.7	5640.041	-9.27E+00
12/31/02 0:07:20	5670.002	1.575001	-9.524999	-1.73E+01	-9.32E+00	07:19.7	5670.041	-9.32E+00
12/31/02 0:07:50	5700.002	1.583334	-9.516666	-1.72E+01	-9.39E+00	07:49.7	5700.041	-9.39E+00
12/31/02 0:08:20	5730.002	1.591667	-9.508333	-1.74E+01	-9.45E+00	08:19.7	5730.041	-9.45E+00
12/31/02 0:08:50	5760.002	1.600001	-9.499999	-1.74E+01	-9.53E+00	08:49.7	5760.041	-9.53E+00
12/31/02 0:09:20	5790.002	1.608334	-9.491666	-1.75E+01	-9.58E+00	09:19.7	5790.042	-9.58E+00
12/31/02 0:09:50	5820.002	1.616667	-9.483333	-1.75E+01	-9.64E+00	09:49.7	5820.041	-9.64E+00
12/31/02 0:10:20	5850.002	1.625001	-9.474999	-1.74E+01	-9.69E+00	10:19.7	5850.041	-9.69E+00
12/31/02 0:10:50	5880.002	1.633334	-9.466666	-1.74E+01	-9.78E+00	10:49.7	5880.041	-9.78E+00
12/31/02 0:11:20	5910.002	1.641667	-9.458333	-1.75E+01	-9.85E+00	11:19.7	5910.041	-9.85E+00
12/31/02 0:11:50	5940.002	1.650001	-9.449999	-1.75E+01	-9.91E+00	11:49.7	5940.041	-9.91E+00
12/31/02 0:12:20	5970.002	1.658334	-9.441666	-1.74E+01	-9.97E+00	12:19.7	5970.041	-9.97E+00
12/31/02 0:12:50	6000.002	1.666667	-9.433333	-1.75E+01	-1.00E+01	12:49.7	6000.041	-1.00E+01
12/31/02 0:13:20	6030.002	1.675001	-9.424999	-1.76E+01	-1.01E+01	13:19.7	6030.041	-1.01E+01
12/31/02 0:13:50	6060.002	1.683334	-9.416666	-1.77				

THERMALSHOCKSHORTTERM

12/31/02 0:22:50	6600.002	1.833334	-9.266666	-1.82E+01	-1.13E+01	22:49.7	6600.041	-1.13E+01
12/31/02 0:23:20	6630.002	1.841667	-9.258333	-1.80E+01	-1.14E+01	23:19.7	6630.041	-1.14E+01
12/31/02 0:23:50	6660.002	1.850001	-9.249999	-1.81E+01	-1.14E+01	23:49.7	6660.041	-1.14E+01
12/31/02 0:24:20	6690.002	1.858334	-9.241666	-1.81E+01	-1.14E+01	24:19.7	6690.041	-1.14E+01
12/31/02 0:24:50	6720.002	1.866667	-9.233333	-1.82E+01	-1.15E+01	24:49.7	6720.041	-1.15E+01
12/31/02 0:25:20	6750.002	1.875001	-9.224999	-1.81E+01	-1.16E+01	25:19.7	6750.041	-1.16E+01
12/31/02 0:25:50	6780.002	1.883334	-9.216666	-1.81E+01	-1.16E+01	25:49.7	6780.041	-1.16E+01
12/31/02 0:26:20	6810.002	1.891667	-9.208333	-1.81E+01	-1.17E+01	26:19.7	6810.041	-1.17E+01
12/31/02 0:26:50	6840.002	1.900001	-9.199999	-1.80E+01	-1.17E+01	26:49.7	6840.041	-1.17E+01
12/31/02 0:27:20	6870.002	1.908334	-9.191666	-1.81E+01	-1.18E+01	27:19.7	6870.041	-1.18E+01
12/31/02 0:27:50	6900.002	1.916667	-9.183333	-1.82E+01	-1.18E+01	27:49.7	6900.041	-1.18E+01
12/31/02 0:28:20	6930.002	1.925001	-9.174999	-1.82E+01	-1.19E+01	28:19.7	6930.041	-1.19E+01
12/31/02 0:28:50	6960.002	1.933334	-9.166666	-1.82E+01	-1.19E+01	28:49.7	6960.041	-1.19E+01
12/31/02 0:29:20	6990.002	1.941667	-9.158333	-1.83E+01	-1.20E+01	29:19.7	6990.041	-1.20E+01
12/31/02 0:29:50	7020.002	1.950001	-9.149999	-1.84E+01	-1.20E+01	29:49.7	7020.041	-1.20E+01
12/31/02 0:30:20	7050.002	1.958334	-9.141666	-1.85E+01	-1.21E+01	30:19.7	7050.041	-1.21E+01
12/31/02 0:30:50	7080.002	1.966667	-9.133333	-1.83E+01	-1.21E+01	30:49.7	7080.041	-1.21E+01
12/31/02 0:31:20	7110.002	1.975001	-9.124999	-1.83E+01	-1.21E+01	31:19.7	7110.041	-1.21E+01
12/31/02 0:31:50	7140.002	1.983334	-9.116666	-1.85E+01	-1.22E+01	31:49.7	7140.041	-1.22E+01
12/31/02 0:32:20	7170.002	1.991667	-9.108333	-1.84E+01	-1.22E+01	32:19.7	7170.041	-1.22E+01
12/31/02 0:32:50	7200.002	2.000001	-9.099999	-1.85E+01	-1.23E+01	32:49.7	7200.041	-1.23E+01
12/31/02 0:33:20	7230.002	2.008334	-9.091666	-1.84E+01	-1.23E+01	33:19.7	7230.041	-1.23E+01
12/31/02 0:33:50	7260.002	2.016667	-9.083333	-1.83E+01	-1.24E+01	33:49.7	7260.041	-1.24E+01
12/31/02 0:34:20	7290.002	2.025001	-9.074999	-1.82E+01	-1.24E+01	34:19.7	7290.041	-1.24E+01
12/31/02 0:34:50	7320.002	2.033334	-9.066666	-1.80E+01	-1.25E+01	34:49.7	7320.041	-1.25E+01
12/31/02 0:35:20	7350.002	2.041667	-9.058333	-1.84E+01	-1.25E+01	35:19.7	7350.041	-1.25E+01
12/31/02 0:35:50	7380.002	2.050001	-9.049999	-1.85E+01	-1.26E+01	35:49.7	7380.041	-1.26E+01
12/31/02 0:36:20	7410.002	2.058334	-9.041666	-1.83E+01	-1.26E+01	36:19.7	7410.041	-1.26E+01
12/31/02 0:36:50	7440.002	2.066667	-9.033333	-1.84E+01	-1.26E+01	36:49.7	7440.041	-1.26E+01
12/31/02 0:37:20	7470.002	2.075001	-9.024999	-1.85E+01	-1.27E+01	37:19.7	7470.041	-1.27E+01
12/31/02 0:37:50	7500.002	2.083334	-9.016666	-1.85E+01	-1.27E+01	37:49.7	7500.041	-1.27E+01
12/31/02 0:38:20	7530.002	2.091667	-9.008333	-1.86E+01	-1.28E+01	38:19.7	7530.041	-1.28E+01
12/31/02 0:38:50	7560.002	2.100001	-8.999999	-1.85E+01	-1.28E+01	38:49.7	7560.041	-1.28E+01
12/31/02 0:39:20	7590.002	2.108334	-8.991666	-1.84E+01	-1.29E+01	39:19.7	7590.041	-1.29E+01
12/31/02 0:39:50	7620.002	2.116667	-8.983333	-1.85E+01	-1.29E+01	39:49.7	7620.041	-1.29E+01
12/31/02 0:40:20	7650.002	2.125001	-8.974999	-1.85E+01	-1.30E+01	40:19.7	7650.041	-1.30E+01
12/31/02 0:40:50	7680.002	2.133334	-8.966666	-1.86E+01	-1.29E+01	40:49.7	7680.041	-1.29E+01
12/31/02 0:41:20	7710.002	2.141667	-8.958333	-1.88E+01	-1.30E+01	41:19.7	7710.041	-1.30E+01
12/31/02 0:41:50	7740.002	2.150001	-8.949999	-1.87E+01	-1.31E+01	41:49.7	7740.041	-1.31E+01
12/31/02 0:42:20	7770.002	2.158334	-8.941666	-1.87E+01	-1.31E+01	42:19.7	7770.041	-1.31E+01
12/31/02 0:42:50	7800.002	2.166667	-8.933333	-1.85E+01	-1.31E+01	42:49.7	7800.041	-1.31E+01
12/31/02 0:43:20	7830.002	2.175001	-8.924999	-1.86E+01	-1.31E+01	43:19.7	7830.041	-1.31E+01
12/31/02 0:43:50	7860.002	2.183334	-8.916666	-1.87E+01	-1.32E+01	43:49.7	7860.041	-1.32E+01
12/31/02 0:44:20	7890.002	2.191667	-8.908333	-1.87E+01	-1.32E+01	44:19.7	7890.041	-1.32E+01
12/31/02 0:44:50	7920.002	2.200001	-8.899999	-1.88E+01	-1.33E+01	44:49.7	7920.041	-1.33E+01
12/31/02 0:45:20	7950.002	2.208334	-8.891666	-1.88E+01	-1.33E+01	45:19.7	7950.041	-1.33E+01
12/31/02 0:45:50	7980.002	2.216667	-8.883333	-1.88E+01	-1.33E+01	45:49.7	7980.041	-1.33E+01
12/31/02 0:46:20	8010.002	2.225001	-8.874999	-1.86E+01	-1.34E+01	46:19.7	8010.041	-1.34E+01
12/31/02 0:46:50	8040.002	2.233334	-8.866666	-1.88E+01	-1.34E+01	46:49.7	8040.041	-1.34E+01
12/31/02 0:47:20	8070.002	2.241667	-8.858333	-1.88E+01	-1.34E+01	47:19.7	8070.041	-1.34E+01
12/31/02 0:47:50	8100.002	2.250001	-8.849999	-1.85E+01	-1.35E+01	47:49.7	8100.041	-1.35E+01
12/31/02 0:48:20	8130.002	2.258334	-8.841666	-1.86E+01	-1.35E+01	48:19.7	8130.041	-1.35E+01
12/31/02 0:48:50	8160.002	2.266667	-8.833333	-1.87E+01	-1.36E+01	48:49.7	8160.041	-1.36E+01
12/31/02 0:49:20	8190.002	2.275001	-8.824999	-1.87E+01	-1.36E+01	49:19.7	8190.041	-1.36E+01
12/31/02 0:49:50	8220.002	2.283334	-8.816666	-1.87E+01	-1.36E+01	49:49.7	8220.041	-1.36E+01
12/31/02 0:50:20	8250.002	2.291667	-8.808333	-1.87E+01	-1.37E+01	50:19.7	8250.041	-1.37E+01
12/31/02 0:50:50	8280.002	2.300001	-8.799999	-1.87E+01	-1.37E+01	50:49.7	8280.041	-1.37E+01
12/31/02 0:51:20	8310.002	2.308334	-8.791666	-1.88E+01	-1.37E+01	51:19.7	8310.041	-1.37E+01
12/31/02 0:51:50	8340.002	2.316667	-8.783333	-1.87E+01	-1.38E+01	51:49.7	8340.041	-1.38E+01
12/31/02 0:52:20	8370.002	2.325001	-8.774999	-1.86E+01	-1.38E+01	52:19.7	8370.041	-1.38E+01
12/31/02 0:52:50	8400.002	2.333334	-8.766666	-1.88E+01	-1.38E+01	52:49.7	8400.041	-1.38E+01
12/31/02 0:53:20	8430.002	2.341667	-8.758333	-1.88E+01	-1.39E+01	53:19.7	8430.041	-1.39E+01
12/31/02 0:53:50	8460.002	2.350001	-8.749999	-1.89E+01	-1.39E+01	53:49.7	8460.041	-1.39E+01
12/31/02 0:54:20	8490.002	2.358334	-8.741666	-1.89E+01	-1.39E+01	54:19.7	8490.041	-1.39E+01
12/31/02 0:54:50	8520.002	2.366667	-8.733333	-1.89E+01	-1.40E+01	54:49.7	8520.041	-1.40E+01
12/31/02 0:55:20	8550.002	2.375001	-8.724999	-1.89E+01	-1.40E+01	55:19.7	8550.041	-1.40E+01
12/31/02 0:55:50	8580.002	2.383334	-8.716666	-1.90E+01	-1.40E+01	55:49.7	8580.041	-1.40E+01
12/31/02 0:56:20	8610.002	2.391667	-8.708333	-1.89E+01	-1.41E+01	56:19.7	8610.041	-1.41E+01
12/31/02 0:56:50	8640.002	2.400001	-8.699999	-1.89E+01	-1.41E+01	56:49.7	8640.041	-1.41E+01
12/31/02 0:57:20	8670.002	2.408334	-8.691666	-1.89E+01	-1.41E+01	57:19.7	8670.041	-1.41E+01
12/31/02 0:57:50	8700.002	2.416667	-8.683333	-1.88E+01	-1.42E+01	57:49.7	8700.041	-1.42E+01
12/31/02 0:58:20	8730.002	2.425001	-8.674999	-1.88E+01	-1.42E+01	58:19.7	8730.041	-1.42E+01
12/31/02 0:58:50	8760.002	2.433334	-8.666666	-1.89E+01	-1.42E+01	58:49.7	8760.041	-1.42E+01
12/31/02 0:59:20	8790.002	2.441667	-8.658333	-1.89E+01	-1.43E+01	59:19.7	8790.041	-1.43E+01
12/31/02 0:59:50	8820.002	2.450001	-8.649999	-1.90E+01	-1.43E+01	59:49.7	8820.041	-1.43E+01
12/31/02 1:00:20	8850.002	2.458334	-8.641666	-1.89E+01	-1.43E+01	00:19.7	8850.041	-1.43E+01
12/31/02 1:00:50	8880.002	2.466667	-8.633333	-1.89E+01	-1.43E+01	00:49.7	8880.041	-1.43E+01
12/31/02 1:01:20	8910.002	2.475001	-8.624999	-1.88E+01	-1.44E+01	01:19.7	8910.041	-1.44E+01
12/31/02 1:01:50	8940.002	2.483334	-8.616666	-1.90E+01	-1.44E+01	01:49.7	8940.041	-1.44E+01
12/31/02 1:02:20	8970.002	2.491667	-8.608333	-1.90E+01	-1.44E+01	02:19.7	8970.041	-1.44E+01
12/31/02 1:02:50	9000.002	2.500001	-8.599999	-1.91E+01	-1.45E+01	02:49.7	9000.041	-1.45E+01
12/31/02 1:03:20	9030.002	2.508334	-8.591666	-1.91E+01	-1.45E+01	03:19.7	9030.041	-1.45E+01
12/31/02 1:03:50	9060.002	2.516667	-8.583333	-1.91E+01	-1.45E+01	03:49.7	9060.041	-1.45E+01
12/31/02 1:04:20	9090.002	2.525001	-8.574999	-1.90E+01	-1.46E+01	04:19.7	9090.041	-1.46E+01
12/31/02 1:04:50	9120.002	2.533334	-8.566666	-1.90E+01	-1.46E+01	04:49.7	9120.041	-1.46E+01
12/31/02 1:05:20	9150.002	2.541667	-8.558333	-1.90E+01	-1.46E+01	05:19.7	9150.041	-1.46E+01
12/31/02 1:05:50	9180.002	2.550001	-8.549999	-1.91E+01	-1.46E+01	05:49.7	9180.041	-1.46E+01
12/31/02 1:06:20	9210.002	2.558334	-8.541666	-1.91E+01	-1.47E+01	06:19.7	9210.041	-1.47E+01
12/31/02 1:06:50	9240.002	2.566667	-8.533333	-1.91E+01	-1.47E+01	06:49.7	9240.041	-1.47E+01
12/31/02 1:07:20	9270.002	2.575001	-8.524999	-1.91E+01	-1.47E+01	07:19.7	9270.041	-1.47E+01
12/31/02 1:07:50	9300.002	2.583334	-8.516666	-1.92E+01	-1.47E+01	07:49.7	9300.041	-1.47E+01
12/31/02 1:08:20	9330.002	2.591667	-8.508333	-1.91E+01	-1.48E+01	08:19.7	9330.041	-1.48E+01
12/31/02 1:08:50	9360.002	2.600001	-8.499999	-1.93E+01	-1.48E+01	08:49.7	9360.041	-1.48E+01
12/31/02 1:09:20	9390.002	2.608334	-8.491666	-1.93E+01	-1.49E+01	09:19.7	9390.041	-1.49E+01
12/31/02 1:09:50	9420.002	2.616667	-8.483333	-1.92E+01	-1.49E+01	09:49.7	9420.041	-1.49E+01
12/31/02 1:10:20	9450.002	2.625001	-8.474999	-1.92E+01	-1.49E+01	10:19.7	9450.041	-1.49E+01
12/31/02 1:10:50	9480.002							

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12/31/02 1:19:20	9990.002	2.775001	-8.324999 -1.94E+01 -1.54E+01	19:19:7	0990.041	-1.54E+01
12/31/02 1:19:50	10020.002	2.783334	-8.316666 -1.94E+01 -1.54E+01	19:49:7	10020.04	-1.54E+01
12/31/02 1:20:20	10050.002	2.791667	-8.308333 -1.95E+01 -1.55E+01	20:19:7	10050.04	-1.55E+01
12/31/02 1:20:50	10080.002	2.800001	-8.299999 -1.96E+01 -1.55E+01	20:49:7	10080.04	-1.55E+01
12/31/02 1:21:20	10110.002	2.808334	-8.291666 -1.95E+01 -1.55E+01	21:19:7	10110.04	-1.55E+01
12/31/02 1:21:50	10140.002	2.816667	-8.283333 -1.95E+01 -1.55E+01	21:49:7	10140.04	-1.55E+01
12/31/02 1:22:20	10170.002	2.825001	-8.274999 -1.94E+01 -1.56E+01	22:19:7	10170.04	-1.56E+01
12/31/02 1:22:50	10200.002	2.833334	-8.266666 -1.95E+01 -1.56E+01	22:49:7	10200.04	-1.56E+01
12/31/02 1:23:20	10230.002	2.841667	-8.258333 -1.94E+01 -1.56E+01	23:19:7	10230.04	-1.56E+01
12/31/02 1:23:50	10260.002	2.850001	-8.249999 -1.95E+01 -1.56E+01	23:49:7	10260.04	-1.56E+01
12/31/02 1:24:20	10290.002	2.858334	-8.241666 -1.95E+01 -1.57E+01	24:19:7	10290.04	-1.57E+01
12/31/02 1:24:50	10320.002	2.866667	-8.233333 -1.95E+01 -1.57E+01	24:49:7	10320.04	-1.57E+01
12/31/02 1:25:20	10350.002	2.875001	-8.224999 -1.95E+01 -1.57E+01	25:19:7	10350.04	-1.57E+01
12/31/02 1:25:50	10380.002	2.883334	-8.216666 -1.95E+01 -1.57E+01	25:49:7	10380.04	-1.57E+01
12/31/02 1:26:20	10410.002	2.891667	-8.208333 -1.96E+01 -1.58E+01	26:19:7	10410.04	-1.58E+01
12/31/02 1:26:50	10440.002	2.900001	-8.199999 -1.95E+01 -1.58E+01	26:49:7	10440.04	-1.58E+01
12/31/02 1:27:20	10470.002	2.908334	-8.191666 -1.96E+01 -1.58E+01	27:19:7	10470.04	-1.58E+01
12/31/02 1:27:50	10500.002	2.916667	-8.183333 -1.96E+01 -1.58E+01	27:49:7	10500.04	-1.58E+01
12/31/02 1:28:20	10530.002	2.925001	-8.174999 -1.96E+01 -1.58E+01	28:19:7	10530.04	-1.58E+01
12/31/02 1:28:50	10560.002	2.933334	-8.166666 -1.97E+01 -1.58E+01	28:49:7	10560.04	-1.58E+01
12/31/02 1:29:20	10590.002	2.941667	-8.158333 -1.97E+01 -1.58E+01	29:19:7	10590.04	-1.58E+01
12/31/02 1:29:50	10620.002	2.950001	-8.149999 -1.97E+01 -1.59E+01	29:49:7	10620.04	-1.59E+01
12/31/02 1:30:20	10650.002	2.958334	-8.141666 -1.97E+01 -1.59E+01	30:19:7	10650.04	-1.59E+01
12/31/02 1:30:50	10680.002	2.966667	-8.133333 -1.95E+01 -1.59E+01	30:49:7	10680.04	-1.59E+01
12/31/02 1:31:20	10710.002	2.975001	-8.124999 -1.95E+01 -1.59E+01	31:19:7	10710.04	-1.59E+01
12/31/02 1:31:50	10740.002	2.983334	-8.116666 -1.95E+01 -1.60E+01	31:49:7	10740.04	-1.60E+01
12/31/02 1:32:20	10770.002	2.991667	-8.108333 -1.95E+01 -1.59E+01	32:19:7	10770.04	-1.59E+01
12/31/02 1:32:50	10800.002	3.000001	-8.099999 -1.95E+01 -1.60E+01	32:49:7	10800.04	-1.60E+01
12/31/02 1:33:20	10830.002	3.008334	-8.091666 -1.96E+01 -1.60E+01	33:19:7	10830.04	-1.60E+01
12/31/02 1:33:50	10860.002	3.016667	-8.083333 -1.96E+01 -1.60E+01	33:49:7	10860.04	-1.60E+01
12/31/02 1:34:20	10890.002	3.025001	-8.074999 -1.97E+01 -1.60E+01	34:19:7	10890.04	-1.60E+01
12/31/02 1:34:50	10920.002	3.033334	-8.066666 -1.97E+01 -1.60E+01	34:49:7	10920.04	-1.60E+01
12/31/02 1:35:20	10950.002	3.041667	-8.058333 -1.96E+01 -1.61E+01	35:19:7	10950.04	-1.61E+01
12/31/02 1:35:50	10980.002	3.050001	-8.049999 -1.95E+01 -1.61E+01	35:49:7	10980.04	-1.61E+01
12/31/02 1:36:20	11010.002	3.058334	-8.041666 -1.95E+01 -1.61E+01	36:19:7	11010.04	-1.61E+01
12/31/02 1:36:50	11040.002	3.066667	-8.033333 -1.95E+01 -1.61E+01	36:49:7	11040.04	-1.61E+01
12/31/02 1:37:20	11070.002	3.075001	-8.024999 -1.95E+01 -1.61E+01	37:19:7	11070.04	-1.61E+01
12/31/02 1:37:50	11100.002	3.083334	-8.016666 -1.96E+01 -1.62E+01	37:49:7	11100.04	-1.62E+01
12/31/02 1:38:20	11130.002	3.091667	-8.008333 -1.95E+01 -1.61E+01	38:19:7	11130.04	-1.61E+01
12/31/02 1:38:50	11160.002	3.100001	-7.999999 -1.96E+01 -1.62E+01	38:49:7	11160.04	-1.62E+01
12/31/02 1:39:20	11190.002	3.108334	-7.991666 -1.95E+01 -1.62E+01	39:19:7	11190.04	-1.62E+01
12/31/02 1:39:50	11220.002	3.116667	-7.983333 -1.96E+01 -1.62E+01	39:49:7	11220.04	-1.62E+01
12/31/02 1:40:20	11250.002	3.125001	-7.974999 -1.96E+01 -1.62E+01	40:19:7	11250.04	-1.62E+01
12/31/02 1:40:50	11280.002	3.133334	-7.966666 -1.96E+01 -1.63E+01	40:49:7	11280.04	-1.63E+01
12/31/02 1:41:20	11310.002	3.141667	-7.958333 -1.97E+01 -1.63E+01	41:19:7	11310.04	-1.63E+01
12/31/02 1:41:50	11340.002	3.150001	-7.949999 -1.97E+01 -1.63E+01	41:49:7	11340.04	-1.63E+01
12/31/02 1:42:20	11370.002	3.158334	-7.941666 -1.97E+01 -1.63E+01	42:19:7	11370.04	-1.63E+01
12/31/02 1:42:50	11400.002	3.166667	-7.933333 -1.96E+01 -1.63E+01	42:49:7	11400.04	-1.63E+01
12/31/02 1:43:20	11430.002	3.175001	-7.924999 -1.96E+01 -1.63E+01	43:19:7	11430.04	-1.63E+01
12/31/02 1:43:50	11460.002	3.183334	-7.916666 -1.96E+01 -1.64E+01	43:49:7	11460.04	-1.64E+01
12/31/02 1:44:20	11490.002	3.191667	-7.908333 -1.97E+01 -1.63E+01	44:19:7	11490.04	-1.63E+01
12/31/02 1:44:50	11520.002	3.200001	-7.899999 -1.97E+01 -1.64E+01	44:49:7	11520.04	-1.64E+01
12/31/02 1:45:20	11550.002	3.208334	-7.891666 -1.97E+01 -1.64E+01	45:19:7	11550.04	-1.64E+01
12/31/02 1:45:50	11580.002	3.216667	-7.883333 -1.97E+01 -1.64E+01	45:49:7	11580.04	-1.64E+01
12/31/02 1:46:20	11610.002	3.225001	-7.874999 -1.97E+01 -1.64E+01	46:19:7	11610.04	-1.64E+01
12/31/02 1:46:50	11640.002	3.233334	-7.866666 -1.98E+01 -1.65E+01	46:49:7	11640.04	-1.65E+01
12/31/02 1:47:20	11670.002	3.241667	-7.858333 -1.97E+01 -1.65E+01	47:19:7	11670.04	-1.65E+01
12/31/02 1:47:50	11700.002	3.250001	-7.849999 -1.98E+01 -1.65E+01	47:49:7	11700.04	-1.65E+01
12/31/02 1:48:20	11730.002	3.258334	-7.841666 -1.97E+01 -1.65E+01	48:19:7	11730.04	-1.65E+01
12/31/02 1:48:50	11760.002	3.266667	-7.833333 -1.97E+01 -1.65E+01	48:49:7	11760.04	-1.65E+01
12/31/02 1:49:20	11790.002	3.275001	-7.824999 -1.97E+01 -1.65E+01	49:19:7	11790.04	-1.65E+01
12/31/02 1:49:50	11820.002	3.283334	-7.816666 -1.97E+01 -1.65E+01	49:49:7	11820.04	-1.65E+01
12/31/02 1:50:20	11850.002	3.291667	-7.808333 -1.97E+01 -1.66E+01	50:19:7	11850.04	-1.66E+01
12/31/02 1:50:50	11880.002	3.300001	-7.799999 -1.97E+01 -1.66E+01	50:49:7	11880.04	-1.66E+01
12/31/02 1:51:20	11910.002	3.308334	-7.791666 -1.97E+01 -1.66E+01	51:19:7	11910.04	-1.66E+01
12/31/02 1:51:50	11940.002	3.316667	-7.783333 -1.97E+01 -1.66E+01	51:49:7	11940.04	-1.66E+01
12/31/02 1:52:20	11970.002	3.325001	-7.774999 -1.97E+01 -1.66E+01	52:19:7	11970.04	-1.66E+01
12/31/02 1:52:50	12000.002	3.333334	-7.766666 -1.97E+01 -1.66E+01	52:49:7	12000.04	-1.66E+01
12/31/02 1:53:20	12030.002	3.341667	-7.758333 -1.97E+01 -1.66E+01	53:19:7	12030.04	-1.66E+01
12/31/02 1:53:50	12060.002	3.350001	-7.749999 -1.98E+01 -1.67E+01	53:49:7	12060.04	-1.67E+01
12/31/02 1:54:20	12090.002	3.358334	-7.741666 -1.97E+01 -1.67E+01	54:19:7	12090.04	-1.67E+01
12/31/02 1:54:50	12120.002	3.366667	-7.733333 -1.98E+01 -1.67E+01	54:49:7	12120.04	-1.67E+01
12/31/02 1:55:20	12150.002	3.375001	-7.724999 -1.97E+01 -1.67E+01	55:19:7	12150.04	-1.67E+01
12/31/02 1:55:50	12180.002	3.383334	-7.716666 -1.98E+01 -1.67E+01	55:49:7	12180.04	-1.67E+01
12/31/02 1:56:20	12210.002	3.391667	-7.708333 -1.98E+01 -1.67E+01	56:19:7	12210.04	-1.67E+01
12/31/02 1:56:50	12240.002	3.400001	-7.699999 -1.98E+01 -1.67E+01	56:49:7	12240.04	-1.67E+01
12/31/02 1:57:20	12270.002	3.408334	-7.691666 -1.98E+01 -1.67E+01	57:19:7	12270.04	-1.67E+01
12/31/02 1:57:50	12300.002	3.416667	-7.683333 -1.98E+01 -1.67E+01	57:49:7	12300.04	-1.67E+01
12/31/02 1:58:20	12330.002	3.425001	-7.674999 -1.98E+01 -1.68E+01	58:19:7	12330.04	-1.68E+01
12/31/02 1:58:50	12360.002	3.433334	-7.666666 -1.98E+01 -1.68E+01	58:49:7	12360.04	-1.68E+01
12/31/02 1:59:20	12390.002	3.441667	-7.658333 -1.98E+01 -1.68E+01	59:19:7	12390.04	-1.68E+01
12/31/02 1:59:50	12420.002	3.450001	-7.649999 -1.98E+01 -1.68E+01	59:49:7	12420.04	-1.68E+01
12/31/02 2:00:20	12450.002	3.458334	-7.641666 -1.98E+01 -1.68E+01	00:19:7	12450.04	-1.68E+01
12/31/02 2:00:50	12480.002	3.466667	-7.633333 -1.98E+01 -1.69E+01	00:49:7	12480.04	-1.69E+01
12/31/02 2:01:20	12510.002	3.475001	-7.624999 -1.98E+01 -1.69E+01	01:19:7	12510.04	-1.69E+01
12/31/02 2:01:50	12540.002	3.483334	-7.616666 -1.97E+01 -1.69E+01	01:49:7	12540.04	-1.69E+01
12/31/02 2:02:20	12570.002	3.491667	-7.608333 -1.98E+01 -1.69E+01	02:19:7	12570.04	-1.69E+01
12/31/02 2:02:50	12600.002	3.500001	-7.599999 -1.99E+01 -1.69E+01	02:49:7	12600.04	-1.69E+01
12/31/02 2:03:20	12630.002	3.508334	-7.591666 -1.99E+01 -1.69E+01	03:19:7	12630.04	-1.69E+01
12/31/02 2:03:50	12660.002	3.516667	-7.583333 -1.99E+01 -1.69E+01	03:49:7	12660.04	-1.69E+01
12/31/02 2:04:20	12690.002	3.525001	-7.574999 -1.99E+01 -1.70E+01	04:19:7	12690.04	-1.70E+01
12/31/02 2:04:50	12720.002	3.533334	-7.566666 -1.99E+01 -1.70E+01	04:49:7	12720.04	-1.70E+01
12/31/02 2:05:20	12750.002	3.541667	-7.558333 -1.99E+01 -1.70E+01	05:19:7	12750.04	-1.70E+01
12/31/02 2:05:50	12780.002	3.550001	-7.549999 -2.00E+01 -1.71E+01	05:49:7	12780.04	-1.71E+01
12/31/02 2:06:20	12810.002	3.558334	-7.541666 -2.00E+01 -1.71E+01	06:19:7	12810.04	-1.71E+01
12/31/02 2:06:50	12840.002	3.566667	-7.533333 -2.00E+01 -1.71E+01	06:49:7	12840.04	-1.71E+01
12/31/02 2:07:20	12870.002	3.575001	-7.524999 -2.00E+01 -1.71E+01	07:19:7	12870.04	-1.71E+01
12/31/02 2:07:50	12900.002	3.583334	-7.516666 -2.00E+01 -1.71E+01	07:49:7	12900.04	-1.71E+01
12/31/02 2:08:20	12930.002	3.591667	-7.508333 -2.00E+01 -1.71E+01	08:19:7	12930.04	-1.71E+01
12/31/02 2:08:50	12960.002	3.600001	-7.499999 -2.00E+01 -1.71E+01	08:49:7	12960.04	-1.71E+01
12/31/02 2:09:20	12990.002	3.608334	-7.491666 -1.99E+01 -1.71E+01	09:19:7	12990.04	-1.71E+01
12/31/02 2:09:50	13020.002	3.616667	-7.483333 -1.99E+01 -1.72E+01	09:49:7	13020.	

THERMALSHOCKSHORTTERM

12/31/02 2:15:50	13380.002	3.716667	-7.383333	-2.01E+01	-1.73E+01	15.497	13380.04	-1.73E+01
12/31/02 2:16:20	13410.002	3.725001	-7.374999	-2.00E+01	-1.73E+01	16.197	13410.04	-1.73E+01
12/31/02 2:16:50	13440.002	3.733334	-7.366666	-2.00E+01	-1.73E+01	16.497	13440.04	-1.73E+01
12/31/02 2:17:20	13470.002	3.741667	-7.358333	-2.00E+01	-1.73E+01	17.197	13470.04	-1.73E+01
12/31/02 2:17:50	13500.002	3.750001	-7.349999	-2.01E+01	-1.73E+01	17.497	13500.04	-1.73E+01
12/31/02 2:18:20	13530.002	3.758334	-7.341666	-2.01E+01	-1.73E+01	18.197	13530.04	-1.73E+01
12/31/02 2:18:50	13560.002	3.766667	-7.333333	-2.01E+01	-1.73E+01	18.497	13560.04	-1.73E+01
12/31/02 2:19:20	13590.002	3.775001	-7.324999	-2.01E+01	-1.73E+01	19.197	13590.04	-1.73E+01
12/31/02 2:19:50	13620.002	3.783334	-7.316666	-2.00E+01	-1.73E+01	19.497	13620.04	-1.73E+01
12/31/02 2:20:20	13650.002	3.791667	-7.308333	-2.00E+01	-1.73E+01	20.197	13650.04	-1.73E+01
12/31/02 2:20:50	13680.002	3.800001	-7.299999	-1.99E+01	-1.73E+01	20.497	13680.04	-1.73E+01
12/31/02 2:21:20	13710.002	3.808334	-7.291666	-2.00E+01	-1.74E+01	21.197	13710.04	-1.74E+01
12/31/02 2:21:50	13740.002	3.816667	-7.283333	-2.00E+01	-1.74E+01	21.497	13740.04	-1.74E+01
12/31/02 2:22:20	13770.002	3.825001	-7.274999	-2.01E+01	-1.74E+01	22.197	13770.04	-1.74E+01
12/31/02 2:22:50	13800.002	3.833334	-7.266666	-2.01E+01	-1.74E+01	22.497	13800.04	-1.74E+01
12/31/02 2:23:20	13830.002	3.841667	-7.258333	-2.00E+01	-1.74E+01	23.197	13830.04	-1.74E+01
12/31/02 2:23:50	13860.002	3.850001	-7.249999	-2.00E+01	-1.74E+01	23.497	13860.04	-1.74E+01
12/31/02 2:24:20	13890.002	3.858334	-7.241666	-2.00E+01	-1.74E+01	24.197	13890.04	-1.74E+01
12/31/02 2:24:50	13920.002	3.866667	-7.233333	-2.01E+01	-1.74E+01	24.497	13920.04	-1.74E+01
12/31/02 2:25:20	13950.002	3.875001	-7.224999	-2.00E+01	-1.74E+01	25.197	13950.04	-1.74E+01
12/31/02 2:25:50	13980.002	3.883334	-7.216666	-2.01E+01	-1.74E+01	25.497	13980.04	-1.74E+01
12/31/02 2:26:20	14010.002	3.891667	-7.208333	-2.00E+01	-1.74E+01	26.197	14010.04	-1.74E+01
12/31/02 2:26:50	14040.002	3.900001	-7.199999	-2.01E+01	-1.75E+01	26.497	14040.04	-1.75E+01
12/31/02 2:27:20	14070.002	3.908334	-7.191666	-2.01E+01	-1.75E+01	27.197	14070.04	-1.75E+01
12/31/02 2:27:50	14100.002	3.916667	-7.183333	-2.01E+01	-1.74E+01	27.497	14100.04	-1.74E+01
12/31/02 2:28:20	14130.002	3.925001	-7.174999	-2.01E+01	-1.75E+01	28.197	14130.04	-1.75E+01
12/31/02 2:28:50	14160.002	3.933334	-7.166666	-2.01E+01	-1.75E+01	28.497	14160.04	-1.75E+01
12/31/02 2:29:20	14190.002	3.941667	-7.158333	-2.01E+01	-1.75E+01	29.197	14190.04	-1.75E+01
12/31/02 2:29:50	14220.002	3.950001	-7.149999	-2.00E+01	-1.75E+01	29.497	14220.04	-1.75E+01
12/31/02 2:30:20	14250.002	3.958334	-7.141666	-2.00E+01	-1.75E+01	30.197	14250.04	-1.75E+01
12/31/02 2:30:50	14280.002	3.966667	-7.133333	-2.00E+01	-1.75E+01	30.497	14280.04	-1.75E+01
12/31/02 2:31:20	14310.002	3.975001	-7.124999	-2.00E+01	-1.75E+01	31.197	14310.04	-1.75E+01
12/31/02 2:31:50	14340.002	3.983334	-7.116666	-2.00E+01	-1.75E+01	31.497	14340.04	-1.75E+01
12/31/02 2:32:20	14370.002	3.991667	-7.108333	-2.01E+01	-1.75E+01	32.197	14370.04	-1.75E+01
12/31/02 2:32:50	14400.002	4.000001	-7.099999	-2.00E+01	-1.75E+01	32.497	14400.04	-1.75E+01
12/31/02 2:33:20	14430.002	4.008334	-7.091666	-2.01E+01	-1.76E+01	33.197	14430.04	-1.76E+01
12/31/02 2:33:50	14460.002	4.016667	-7.083333	-2.01E+01	-1.76E+01	33.497	14460.04	-1.76E+01
12/31/02 2:34:20	14490.002	4.025001	-7.074999	-2.01E+01	-1.76E+01	34.197	14490.04	-1.76E+01
12/31/02 2:34:50	14520.002	4.033334	-7.066666	-2.01E+01	-1.76E+01	34.497	14520.04	-1.76E+01
12/31/02 2:35:20	14550.002	4.041667	-7.058333	-2.01E+01	-1.76E+01	35.197	14550.04	-1.76E+01
12/31/02 2:35:50	14580.002	4.050001	-7.049999	-2.01E+01	-1.76E+01	35.497	14580.04	-1.76E+01
12/31/02 2:36:20	14610.002	4.058334	-7.041666	-2.01E+01	-1.76E+01	36.197	14610.04	-1.76E+01
12/31/02 2:36:50	14640.002	4.066667	-7.033333	-2.01E+01	-1.76E+01	36.497	14640.04	-1.76E+01
12/31/02 2:37:20	14670.002	4.075001	-7.024999	-2.00E+01	-1.76E+01	37.197	14670.04	-1.76E+01
12/31/02 2:37:50	14700.002	4.083334	-7.016666	-2.01E+01	-1.76E+01	37.497	14700.04	-1.76E+01
12/31/02 2:38:20	14730.002	4.091667	-7.008333	-2.02E+01	-1.76E+01	38.197	14730.04	-1.76E+01
12/31/02 2:38:50	14760.002	4.100001	-6.999999	-2.01E+01	-1.76E+01	38.497	14760.04	-1.76E+01
12/31/02 2:39:20	14790.002	4.108334	-6.991666	-2.01E+01	-1.76E+01	39.197	14790.04	-1.76E+01
12/31/02 2:39:50	14820.002	4.116667	-6.983333	-2.00E+01	-1.77E+01	39.497	14820.04	-1.77E+01
12/31/02 2:40:20	14850.002	4.125001	-6.974999	-2.01E+01	-1.77E+01	40.197	14850.04	-1.77E+01
12/31/02 2:40:50	14880.002	4.133334	-6.966666	-2.01E+01	-1.77E+01	40.497	14880.04	-1.77E+01
12/31/02 2:41:20	14910.002	4.141667	-6.958333	-2.02E+01	-1.77E+01	41.197	14910.04	-1.77E+01
12/31/02 2:41:50	14940.002	4.150001	-6.949999	-2.01E+01	-1.77E+01	41.497	14940.04	-1.77E+01
12/31/02 2:42:20	14970.002	4.158334	-6.941666	-2.01E+01	-1.77E+01	42.197	14970.04	-1.77E+01
12/31/02 2:42:50	15000.002	4.166667	-6.933333	-2.00E+01	-1.77E+01	42.497	15000.04	-1.77E+01
12/31/02 2:43:20	15030.002	4.175001	-6.924999	-2.01E+01	-1.77E+01	43.197	15030.04	-1.77E+01
12/31/02 2:43:50	15060.002	4.183334	-6.916666	-2.01E+01	-1.77E+01	43.497	15060.04	-1.77E+01
12/31/02 2:44:20	15090.002	4.191667	-6.908333	-2.01E+01	-1.77E+01	44.197	15090.04	-1.77E+01
12/31/02 2:44:50	15120.002	4.200001	-6.899999	-2.01E+01	-1.77E+01	44.497	15120.04	-1.77E+01
12/31/02 2:45:20	15150.002	4.208334	-6.891666	-2.02E+01	-1.77E+01	45.197	15150.04	-1.77E+01
12/31/02 2:45:50	15180.002	4.216667	-6.883333	-2.02E+01	-1.77E+01	45.497	15180.04	-1.77E+01
12/31/02 2:46:20	15210.002	4.225001	-6.874999	-2.01E+01	-1.78E+01	46.197	15210.04	-1.78E+01
12/31/02 2:46:50	15240.002	4.233334	-6.866666	-2.01E+01	-1.78E+01	46.497	15240.04	-1.78E+01
12/31/02 2:47:20	15270.002	4.241667	-6.858333	-2.01E+01	-1.78E+01	47.197	15270.04	-1.78E+01
12/31/02 2:47:50	15300.002	4.250001	-6.849999	-2.02E+01	-1.78E+01	47.497	15300.04	-1.78E+01
12/31/02 2:48:20	15330.002	4.258334	-6.841666	-2.02E+01	-1.78E+01	48.197	15330.04	-1.78E+01
12/31/02 2:48:50	15360.002	4.266667	-6.833333	-2.01E+01	-1.78E+01	48.497	15360.04	-1.78E+01
12/31/02 2:49:20	15390.002	4.275001	-6.824999	-2.02E+01	-1.78E+01	49.197	15390.04	-1.78E+01
12/31/02 2:49:50	15420.002	4.283334	-6.816666	-2.01E+01	-1.78E+01	49.497	15420.04	-1.78E+01
12/31/02 2:50:20	15450.002	4.291667	-6.808333	-2.02E+01	-1.78E+01	50.197	15450.04	-1.78E+01
12/31/02 2:50:50	15480.002	4.300001	-6.799999	-2.02E+01	-1.78E+01	50.497	15480.04	-1.78E+01
12/31/02 2:51:20	15510.002	4.308334	-6.791666	-2.01E+01	-1.78E+01	51.197	15510.04	-1.78E+01
12/31/02 2:51:50	15540.002	4.316667	-6.783333	-2.01E+01	-1.78E+01	51.497	15540.04	-1.78E+01
12/31/02 2:52:20	15570.002	4.325001	-6.774999	-2.02E+01	-1.78E+01	52.197	15570.04	-1.78E+01
12/31/02 2:52:50	15600.002	4.333334	-6.766666	-2.01E+01	-1.78E+01	52.497	15600.04	-1.78E+01
12/31/02 2:53:20	15630.002	4.341667	-6.758333	-2.02E+01	-1.78E+01	53.197	15630.04	-1.78E+01
12/31/02 2:53:50	15660.002	4.350001	-6.749999	-2.02E+01	-1.78E+01	53.497	15660.04	-1.78E+01
12/31/02 2:54:20	15690.002	4.358334	-6.741666	-2.02E+01	-1.79E+01	54.197	15690.04	-1.79E+01
12/31/02 2:54:50	15720.002	4.366667	-6.733333	-2.02E+01	-1.79E+01	54.497	15720.04	-1.79E+01
12/31/02 2:55:20	15750.002	4.375001	-6.724999	-2.02E+01	-1.79E+01	55.197	15750.04	-1.79E+01
12/31/02 2:55:50	15780.002	4.383334	-6.716666	-2.02E+01	-1.79E+01	55.497	15780.04	-1.79E+01
12/31/02 2:56:20	15810.002	4.391667	-6.708333	-2.02E+01	-1.79E+01	56.197	15810.04	-1.79E+01
12/31/02 2:56:50	15840.002	4.400001	-6.699999	-2.02E+01	-1.79E+01	56.497	15840.04	-1.79E+01
12/31/02 2:57:20	15870.002	4.408334	-6.691666	-2.02E+01	-1.79E+01	57.197	15870.04	-1.79E+01
12/31/02 2:57:50	15900.002	4.416667	-6.683333	-2.03E+01	-1.79E+01	57.497	15900.04	-1.79E+01
12/31/02 2:58:20	15930.002	4.425001	-6.674999	-2.02E+01	-1.79E+01	58.197	15930.04	-1.79E+01
12/31/02 2:58:50	15960.002	4.433334	-6.666666	-2.03E+01	-1.80E+01	58.497	15960.04	-1.80E+01
12/31/02 2:59:20	15990.002	4.441667	-6.658333	-2.02E+01	-1.80E+01	59.197	15990.04	-1.80E+01
12/31/02 2:59:50	16020.002	4.450001	-6.649999	-2.03E+01	-1.80E+01	59.497	16020.04	-1.80E+01
12/31/02 3:00:20	16050.002	4.458334	-6.641666	-2.03E+01	-1.80E+01	60.197	16050.04	-1.80E+01
12/31/02 3:00:50	16080.002	4.466667	-6.633333	-2.03E+01	-1.80E+01	60.497	16080.04	-1.80E+01
12/31/02 3:01:20	16110.002	4.475001	-6.624999	-2.03E+01	-1.80E+01	61.197	16110.04	-1.80E+01
12/31/02 3:01:50	16140.002	4.483334	-6.616666	-2.03E+01	-1.81E+01	61.497	16140.04	-1.81E+01
12/31/02 3:02:20	16170.002	4.491667	-6.608333	-2.03E+01	-1.81E+01	62.197	16170.04	-1.81E+01
12/31/02 3:02:50	16200.002	4.500001	-6.599999	-2.03E+01	-1.80E+01	62.497	16200.04	-1.80E+01
12/31/02 3:03:20	16230.002	4.508334	-6.591666	-2.04E+01	-1.81E+01	63.197	16230.04	-1.81E+01
12/31/02 3:03:50	16260.00							

THERMALSHOCKSHORTTERM

12/31/02 3:12:20	16770.002	4.658334	-5.441666	-2.04E+01	-1.81E+01	12:19:7	16770.04	-1.81E+01
12/31/02 3:12:50	16800.002	4.666667	-6.433333	-2.04E+01	-1.82E+01	12:49:7	16800.04	-1.82E+01
12/31/02 3:13:20	16830.002	4.675001	-6.424999	-2.03E+01	-1.81E+01	13:19:7	16830.04	-1.81E+01
12/31/02 3:13:50	16860.002	4.683334	-6.416666	-2.03E+01	-1.81E+01	13:49:7	16860.04	-1.81E+01
12/31/02 3:14:20	16890.002	4.691667	-6.408333	-2.03E+01	-1.81E+01	14:19:7	16890.04	-1.81E+01
12/31/02 3:14:50	16920.002	4.700001	-6.399999	-2.03E+01	-1.82E+01	14:49:7	16920.04	-1.82E+01
12/31/02 3:15:20	16950.002	4.708334	-6.391666	-2.04E+01	-1.82E+01	15:19:7	16950.04	-1.82E+01
12/31/02 3:15:50	16980.002	4.716667	-6.383333	-2.03E+01	-1.82E+01	15:49:7	16980.04	-1.82E+01
12/31/02 3:16:20	17010.002	4.725001	-6.374999	-2.03E+01	-1.82E+01	16:19:7	17010.04	-1.82E+01
12/31/02 3:16:50	17040.002	4.733334	-6.366666	-2.03E+01	-1.81E+01	16:49:7	17040.04	-1.81E+01
12/31/02 3:17:20	17070.002	4.741667	-6.358333	-2.03E+01	-1.81E+01	17:19:7	17070.04	-1.81E+01
12/31/02 3:17:50	17100.002	4.750001	-6.349999	-2.03E+01	-1.81E+01	17:49:7	17100.04	-1.81E+01
12/31/02 3:18:20	17130.002	4.758334	-6.341666	-2.03E+01	-1.81E+01	18:19:7	17130.04	-1.81E+01
12/31/02 3:18:50	17160.002	4.766667	-6.333333	-2.04E+01	-1.82E+01	18:49:7	17160.04	-1.82E+01
12/31/02 3:19:20	17190.002	4.775001	-6.324999	-2.03E+01	-1.82E+01	19:19:7	17190.04	-1.82E+01
12/31/02 3:19:50	17220.002	4.783334	-6.316666	-2.04E+01	-1.82E+01	19:49:7	17220.04	-1.82E+01
12/31/02 3:20:20	17250.002	4.791667	-6.308333	-2.03E+01	-1.82E+01	20:19:7	17250.04	-1.82E+01
12/31/02 3:20:50	17280.002	4.800001	-6.299999	-2.03E+01	-1.82E+01	20:49:7	17280.04	-1.82E+01
12/31/02 3:21:20	17310.002	4.808334	-6.291666	-2.03E+01				
12/31/02 3:21:50	17340.002	4.816667	-6.283333	-2.04E+01	-1.82E+01	21:49:7	17340.04	-1.82E+01
12/31/02 3:22:20	17370.002	4.825001	-6.274999	-2.03E+01	-1.82E+01	22:19:7	17370.04	-1.82E+01
12/31/02 3:22:50	17400.002	4.833334	-6.266666	-2.03E+01	-1.82E+01	22:49:7	17400.04	-1.82E+01
12/31/02 3:23:20	17430.002	4.841667	-6.258333	-2.03E+01	-1.82E+01	23:19:7	17430.04	-1.82E+01
12/31/02 3:23:50	17460.002	4.850001	-6.249999	-2.04E+01	-1.82E+01	23:49:7	17460.04	-1.82E+01
12/31/02 3:24:20	17490.002	4.858334	-6.241666	-2.04E+01	-1.82E+01	24:19:7	17490.04	-1.82E+01
12/31/02 3:24:50	17520.002	4.866667	-6.233333	-2.03E+01	-1.82E+01	24:49:7	17520.04	-1.82E+01
12/31/02 3:25:20	17550.002	4.875001	-6.224999	-2.03E+01	-1.82E+01	25:19:7	17550.04	-1.82E+01
12/31/02 3:25:50	17580.002	4.883334	-6.216666	-2.04E+01	-1.82E+01	25:49:7	17580.04	-1.82E+01
12/31/02 3:26:20	17610.002	4.891667	-6.208333	-2.04E+01	-1.82E+01	26:19:7	17610.04	-1.82E+01
12/31/02 3:26:50	17640.002	4.900001	-6.199999	-2.04E+01	-1.82E+01	26:49:7	17640.04	-1.82E+01
12/31/02 3:27:20	17670.002	4.908334	-6.191666	-2.04E+01	-1.82E+01	27:19:7	17670.04	-1.82E+01
12/31/02 3:27:50	17700.002	4.916667	-6.183333	-2.03E+01	-1.83E+01	27:49:7	17700.04	-1.83E+01
12/31/02 3:28:20	17730.002	4.925001	-6.174999	-2.04E+01	-1.82E+01	28:19:7	17730.04	-1.82E+01
12/31/02 3:28:50	17760.002	4.933334	-6.166666	-2.04E+01	-1.82E+01	28:49:7	17760.04	-1.82E+01
12/31/02 3:29:20	17790.002	4.941667	-6.158333	-2.03E+01	-1.82E+01	29:19:7	17790.04	-1.82E+01
12/31/02 3:29:50	17820.002	4.950001	-6.149999	-2.04E+01	-1.83E+01	29:49:7	17820.04	-1.83E+01
12/31/02 3:30:20	17850.002	4.958334	-6.141666	-2.04E+01	-1.83E+01	30:19:7	17850.04	-1.83E+01
12/31/02 3:30:50	17880.002	4.966667	-6.133333	-2.04E+01	-1.83E+01	30:49:7	17880.04	-1.83E+01
12/31/02 3:31:20	17910.002	4.975001	-6.124999	-2.04E+01	-1.83E+01	31:19:7	17910.04	-1.83E+01
12/31/02 3:31:50	17940.002	4.983334	-6.116666	-2.04E+01	-1.83E+01	31:49:7	17940.04	-1.83E+01
12/31/02 3:32:20	17970.002	4.991667	-6.108333	-2.04E+01	-1.83E+01	32:19:7	17970.04	-1.83E+01
12/31/02 3:32:50	18000.002	5.000001	-6.099999	-2.03E+01	-1.83E+01	32:49:7	18000.04	-1.83E+01
12/31/02 3:33:20	18030.002	5.008334	-6.091666	-2.04E+01	-1.83E+01	33:19:7	18030.04	-1.83E+01
12/31/02 3:33:50	18060.002	5.016667	-6.083333	-2.04E+01	-1.83E+01	33:49:7	18060.04	-1.83E+01
12/31/02 3:34:20	18090.002	5.025001	-6.074999	-2.04E+01	-1.83E+01	34:19:7	18090.04	-1.83E+01
12/31/02 3:34:50	18120.002	5.033334	-6.066666	-2.04E+01	-1.83E+01	34:49:7	18120.04	-1.83E+01
12/31/02 3:35:20	18150.002	5.041667	-6.058333	-2.04E+01	-1.83E+01	35:19:7	18150.04	-1.83E+01
12/31/02 3:35:50	18180.002	5.050001	-6.049999	-2.04E+01	-1.83E+01	35:49:7	18180.04	-1.83E+01
12/31/02 3:36:20	18210.002	5.058334	-6.041666	-2.04E+01	-1.83E+01	36:19:7	18210.04	-1.83E+01
12/31/02 3:36:50	18240.002	5.066667	-6.033333	-2.04E+01	-1.83E+01	36:49:7	18240.04	-1.83E+01
12/31/02 3:37:20	18270.002	5.075001	-6.024999	-2.04E+01	-1.83E+01	37:19:7	18270.04	-1.83E+01
12/31/02 3:37:50	18300.002	5.083334	-6.016666	-2.04E+01	-1.83E+01	37:49:7	18300.04	-1.83E+01
12/31/02 3:38:20	18330.002	5.091667	-6.008333	-2.05E+01	-1.83E+01	38:19:7	18330.04	-1.83E+01
12/31/02 3:38:50	18360.002	5.100001	-5.999999	-2.04E+01	-1.83E+01	38:49:7	18360.04	-1.83E+01
12/31/02 3:39:20	18390.002	5.108334	-5.991666	-2.04E+01	-1.83E+01	39:19:7	18390.04	-1.83E+01
12/31/02 3:39:50	18420.002	5.116667	-5.983333	-2.04E+01	-1.83E+01	39:49:7	18420.04	-1.83E+01
12/31/02 3:40:20	18450.002	5.125001	-5.974999	-2.04E+01	-1.83E+01	40:19:7	18450.04	-1.83E+01
12/31/02 3:40:50	18480.002	5.133334	-5.966666	-2.04E+01	-1.83E+01	40:49:7	18480.04	-1.83E+01
12/31/02 3:41:20	18510.002	5.141667	-5.958333	-2.04E+01	-1.83E+01	41:19:7	18510.04	-1.83E+01
12/31/02 3:41:50	18540.002	5.150001	-5.949999	-2.04E+01	-1.83E+01	41:49:7	18540.04	-1.83E+01
12/31/02 3:42:20	18570.002	5.158334	-5.941666	-2.05E+01	-1.83E+01	42:19:7	18570.04	-1.83E+01
12/31/02 3:42:50	18600.002	5.166667	-5.933333	-2.04E+01	-1.83E+01	42:49:7	18600.04	-1.83E+01
12/31/02 3:43:20	18630.002	5.175001	-5.924999	-2.04E+01	-1.83E+01	43:19:7	18630.04	-1.83E+01
12/31/02 3:43:50	18660.002	5.183334	-5.916666	-2.04E+01	-1.84E+01	43:49:7	18660.04	-1.84E+01
12/31/02 3:44:20	18690.002	5.191667	-5.908333	-2.04E+01	-1.84E+01	44:19:7	18690.04	-1.84E+01
12/31/02 3:44:50	18720.002	5.200001	-5.899999	-2.04E+01	-1.84E+01	44:49:7	18720.04	-1.84E+01
12/31/02 3:45:20	18750.002	5.208334	-5.891666	-2.04E+01	-1.84E+01	45:19:7	18750.04	-1.84E+01
12/31/02 3:45:50	18780.002	5.216667	-5.883333	-2.04E+01	-1.83E+01	45:49:7	18780.04	-1.83E+01
12/31/02 3:46:20	18810.002	5.225001	-5.874999	-2.04E+01	-1.84E+01	46:19:7	18810.04	-1.84E+01
12/31/02 3:46:50	18840.002	5.233334	-5.866666	-2.04E+01	-1.84E+01	46:49:7	18840.04	-1.84E+01
12/31/02 3:47:20	18870.002	5.241667	-5.858333	-2.04E+01	-1.84E+01	47:19:7	18870.04	-1.84E+01
12/31/02 3:47:50	18900.002	5.250001	-5.849999	-2.04E+01	-1.84E+01	47:49:7	18900.04	-1.84E+01
12/31/02 3:48:20	18930.002	5.258334	-5.841666	-2.04E+01	-1.84E+01	48:19:7	18930.04	-1.84E+01
12/31/02 3:48:50	18960.002	5.266667	-5.833333	-2.04E+01	-1.84E+01	48:49:7	18960.04	-1.84E+01
12/31/02 3:49:20	18990.002	5.275001	-5.824999	-2.04E+01	-1.84E+01	49:19:7	18990.04	-1.84E+01
12/31/02 3:49:50	19020.002	5.283334	-5.816666	-2.04E+01	-1.84E+01	49:49:7	19020.04	-1.84E+01
12/31/02 3:50:20	19050.002	5.291667	-5.808333	-2.04E+01	-1.84E+01	50:19:7	19050.04	-1.84E+01
12/31/02 3:50:50	19080.002	5.300001	-5.799999	-2.04E+01	-1.84E+01	50:49:7	19080.04	-1.84E+01
12/31/02 3:51:20	19110.002	5.308334	-5.791666	-2.04E+01	-1.84E+01	51:19:7	19110.04	-1.84E+01
12/31/02 3:51:50	19140.002	5.316667	-5.783333	-2.04E+01	-1.84E+01	51:49:7	19140.04	-1.84E+01
12/31/02 3:52:20	19170.002	5.325001	-5.774999	-2.03E+01	-1.84E+01	52:19:7	19170.04	-1.84E+01
12/31/02 3:52:50	19200.002	5.333334	-5.766666	-2.04E+01	-1.84E+01	52:49:7	19200.04	-1.84E+01
12/31/02 3:53:20	19230.002	5.341667	-5.758333	-2.04E+01	-1.84E+01	53:19:7	19230.04	-1.84E+01
12/31/02 3:53:50	19260.002	5.350001	-5.749999	-2.04E+01	-1.84E+01	53:49:7	19260.04	-1.84E+01
12/31/02 3:54:20	19290.002	5.358334	-5.741666	-2.04E+01	-1.84E+01	54:19:7	19290.04	-1.84E+01
12/31/02 3:54:50	19320.002	5.366667	-5.733333	-2.04E+01	-1.84E+01	54:49:7	19320.04	-1.84E+01
12/31/02 3:55:20	19350.002	5.375001	-5.724999	-2.04E+01	-1.84E+01	55:19:7	19350.04	-1.84E+01
12/31/02 3:55:50	19380.002	5.383334	-5.716666	-2.04E+01	-1.84E+01	55:49:7	19380.04	-1.84E+01
12/31/02 3:56:20	19410.002	5.391667	-5.708333	-2.04E+01	-1.84E+01	56:19:7	19410.04	-1.84E+01
12/31/02 3:56:50	19440.002	5.400001	-5.699999	-2.03E+01	-1.84E+01	56:49:7	19440.04	-1.84E+01
12/31/02 3:57:20	19470.002	5.408334	-5.691666	-2.04E+01	-1.84E+01	57:19:7	19470.04	-1.84E+01
12/31/02 3:57:50	19500.002	5.416667	-5.683333	-2.05E+01	-1.84E+01	57:49:7	19500.04	-1.84E+01
12/31/02 3:58:20	19530.002	5.425001	-5.674999	-2.05E+01	-1.84E+01	58:19:7	19530.04	-1.84E+01
12/31/02 3:58:50	19560.002	5.433334	-5.666666	-2.04E+01	-1.84E+01	58:49:7	19560.04	-1.84E+01
12/31/02 3:59:20	19590.002	5.441667	-5.658333	-2.05E+01	-1.84E+01	59:19:7	19590.04	-1.84E+01
12/31/02 3:59:50	19620.002	5.450001	-5.649999	-2.04E+01	-1.84E+01	59:49:7		

THERMALSHOCKSHORTTERM

12/31/02 4:08:50	20180.002	5.600001	-5.499999	-2.05E+01	-1.85E+01	08:49.7	20160.04	-1.85E+01
12/31/02 4:09:20	20190.002	5.608334	-5.491666	-2.05E+01	-1.85E+01	09:19.7	20190.04	-1.85E+01
12/31/02 4:09:50	20220.002	5.618667	-5.483333	-2.05E+01	-1.85E+01	09:49.7	20220.04	-1.85E+01
12/31/02 4:10:20	20250.002	5.625001	-5.474999	-2.05E+01	-1.85E+01	10:19.7	20250.04	-1.85E+01
12/31/02 4:10:50	20280.002	5.633334	-5.466666	-2.04E+01	-1.85E+01	10:49.7	20280.04	-1.85E+01
12/31/02 4:11:20	20310.002	5.641667	-5.458333	-2.05E+01	-1.85E+01	11:19.7	20310.04	-1.85E+01
12/31/02 4:11:50	20340.002	5.650001	-5.449999	-2.05E+01	-1.85E+01	11:49.7	20340.04	-1.85E+01
12/31/02 4:12:20	20370.002	5.658334	-5.441666	-2.05E+01	-1.85E+01	12:19.7	20370.04	-1.85E+01
12/31/02 4:12:50	20400.002	5.666667	-5.433333	-2.06E+01	-1.86E+01	12:49.7	20400.04	-1.86E+01
12/31/02 4:13:20	20430.002	5.675001	-5.424999	-2.05E+01	-1.86E+01	13:19.7	20430.04	-1.86E+01
12/31/02 4:13:50	20460.002	5.683334	-5.416666	-2.05E+01	-1.86E+01	13:49.7	20460.04	-1.86E+01
12/31/02 4:14:20	20490.002	5.691667	-5.408333	-2.05E+01	-1.86E+01	14:19.7	20490.04	-1.86E+01
12/31/02 4:14:50	20520.002	5.700001	-5.399999	-2.05E+01	-1.86E+01	14:49.7	20520.04	-1.86E+01
12/31/02 4:15:20	20550.002	5.708334	-5.391666	-2.06E+01	-1.86E+01	15:19.7	20550.04	-1.86E+01
12/31/02 4:15:50	20580.002	5.716667	-5.383333	-2.05E+01	-1.86E+01	15:49.7	20580.04	-1.86E+01
12/31/02 4:16:20	20610.002	5.725001	-5.374999	-2.06E+01	-1.86E+01	16:19.7	20610.04	-1.86E+01
12/31/02 4:16:50	20640.002	5.733334	-5.366666	-2.06E+01	-1.86E+01	16:49.7	20640.04	-1.86E+01
12/31/02 4:17:20	20670.002	5.741667	-5.358333	-2.06E+01	-1.86E+01	17:19.7	20670.04	-1.86E+01
12/31/02 4:17:50	20700.002	5.750001	-5.349999	-2.06E+01	-1.86E+01	17:49.7	20700.04	-1.86E+01
12/31/02 4:18:20	20730.002	5.758334	-5.341666	-2.06E+01	-1.86E+01	18:19.7	20730.04	-1.86E+01
12/31/02 4:18:50	20760.002	5.766667	-5.333333	-2.06E+01	-1.86E+01	18:49.7	20760.04	-1.86E+01
12/31/02 4:19:20	20790.002	5.775001	-5.324999	-2.06E+01	-1.86E+01	19:19.7	20790.04	-1.86E+01
12/31/02 4:19:50	20820.002	5.783334	-5.316666	-2.06E+01	-1.86E+01	19:49.7	20820.04	-1.86E+01
12/31/02 4:20:20	20850.002	5.791667	-5.308333	-2.06E+01	-1.86E+01	20:19.7	20850.04	-1.86E+01
12/31/02 4:20:50	20880.002	5.800001	-5.299999	-2.06E+01	-1.86E+01	20:49.7	20880.04	-1.86E+01
12/31/02 4:21:20	20910.002	5.808334	-5.291666	-2.06E+01	-1.87E+01	21:19.7	20910.04	-1.87E+01
12/31/02 4:21:50	20940.002	5.816667	-5.283333	-2.06E+01	-1.86E+01	21:49.7	20940.04	-1.86E+01
12/31/02 4:22:20	20970.002	5.825001	-5.274999	-2.06E+01	-1.86E+01	22:19.7	20970.04	-1.86E+01
12/31/02 4:22:50	21000.002	5.833334	-5.266666	-2.06E+01	-1.87E+01	22:49.7	21000.04	-1.87E+01
12/31/02 4:23:20	21030.002	5.841667	-5.258333	-2.06E+01	-1.87E+01	23:19.7	21030.04	-1.87E+01
12/31/02 4:23:50	21060.002	5.850001	-5.249999	-2.06E+01	-1.86E+01	23:49.7	21060.04	-1.86E+01
12/31/02 4:24:20	21090.002	5.858334	-5.241666	-2.06E+01	-1.86E+01	24:19.7	21090.04	-1.86E+01
12/31/02 4:24:50	21120.002	5.866667	-5.233333	-2.06E+01	-1.86E+01	24:49.7	21120.04	-1.86E+01
12/31/02 4:25:20	21150.002	5.875001	-5.224999	-2.06E+01	-1.86E+01	25:19.7	21150.04	-1.86E+01
12/31/02 4:25:50	21180.002	5.883334	-5.216666	-2.06E+01	-1.86E+01	25:49.7	21180.04	-1.86E+01
12/31/02 4:26:20	21210.002	5.891667	-5.208333	-2.06E+01	-1.86E+01	26:19.7	21210.04	-1.86E+01
12/31/02 4:26:50	21240.002	5.900001	-5.199999	-2.06E+01	-1.86E+01	26:49.7	21240.04	-1.86E+01
12/31/02 4:27:20	21270.002	5.908334	-5.191666	-2.06E+01	-1.86E+01	27:19.7	21270.04	-1.86E+01
12/31/02 4:27:50	21300.002	5.916667	-5.183333	-2.06E+01	-1.86E+01	27:49.7	21300.04	-1.86E+01
12/31/02 4:28:20	21330.002	5.925001	-5.174999	-2.06E+01	-1.86E+01	28:19.7	21330.04	-1.86E+01
12/31/02 4:28:50	21360.002	5.933334	-5.166666	-2.06E+01	-1.86E+01	28:49.7	21360.04	-1.86E+01
12/31/02 4:29:20	21390.002	5.941667	-5.158333	-2.06E+01	-1.87E+01	29:19.7	21390.04	-1.87E+01
12/31/02 4:29:50	21420.002	5.950001	-5.149999	-2.05E+01	-1.86E+01	29:49.7	21420.04	-1.86E+01
12/31/02 4:30:20	21450.002	5.958334	-5.141666	-2.06E+01	-1.86E+01	30:19.7	21450.04	-1.86E+01
12/31/02 4:30:50	21480.002	5.966667	-5.133333	-2.05E+01	-1.87E+01	30:49.7	21480.04	-1.87E+01
12/31/02 4:31:20	21510.002	5.975001	-5.124999	-2.06E+01	-1.86E+01	31:19.7	21510.04	-1.86E+01
12/31/02 4:31:50	21540.002	5.983334	-5.116666	-2.06E+01	-1.86E+01	31:49.7	21540.04	-1.86E+01
12/31/02 4:32:20	21570.002	5.991667	-5.108333	-2.06E+01	-1.86E+01	32:19.7	21570.04	-1.86E+01
12/31/02 4:32:50	21600.002	6.000001	-5.099999	-2.06E+01	-1.86E+01	32:49.7	21600.04	-1.86E+01
12/31/02 4:33:20	21630.002	6.008334	-5.091666	-2.05E+01	-1.86E+01	33:19.7	21630.04	-1.86E+01
12/31/02 4:33:50	21660.002	6.016667	-5.083333	-2.05E+01	-1.86E+01	33:49.7	21660.04	-1.86E+01
12/31/02 4:34:20	21690.002	6.025001	-5.074999	-2.05E+01	-1.86E+01	34:19.7	21690.04	-1.86E+01
12/31/02 4:34:50	21720.002	6.033334	-5.066666	-2.05E+01	-1.86E+01	34:49.7	21720.04	-1.86E+01
12/31/02 4:35:20	21750.002	6.041667	-5.058333	-2.06E+01	-1.86E+01	35:19.7	21750.04	-1.86E+01
12/31/02 4:35:50	21780.002	6.050001	-5.049999	-2.06E+01	-1.86E+01	35:49.7	21780.04	-1.86E+01
12/31/02 4:36:20	21810.002	6.058334	-5.041666	-2.06E+01	-1.86E+01	36:19.7	21810.04	-1.86E+01
12/31/02 4:36:50	21840.002	6.066667	-5.033333	-2.05E+01	-1.86E+01	36:49.7	21840.04	-1.86E+01
12/31/02 4:37:20	21870.002	6.075001	-5.024999	-2.06E+01	-1.87E+01	37:19.7	21870.04	-1.87E+01
12/31/02 4:37:50	21900.002	6.083334	-5.016666	-2.05E+01	-1.86E+01	37:49.7	21900.04	-1.86E+01
12/31/02 4:38:20	21930.002	6.091667	-5.008333	-2.06E+01	-1.86E+01	38:19.7	21930.04	-1.86E+01
12/31/02 4:38:50	21960.002	6.100001	-4.999999	-2.05E+01	-1.86E+01	38:49.7	21960.04	-1.86E+01
12/31/02 4:39:20	21990.002	6.108334	-4.991666	-2.05E+01	-1.86E+01	39:19.7	21990.04	-1.86E+01
12/31/02 4:39:50	22020.002	6.116667	-4.983333	-2.06E+01	-1.87E+01	39:49.7	22020.04	-1.87E+01
12/31/02 4:40:20	22050.002	6.125001	-4.974999	-2.06E+01	-1.87E+01	40:19.7	22050.04	-1.87E+01
12/31/02 4:40:50	22080.002	6.133334	-4.966666	-2.05E+01	-1.87E+01	40:49.7	22080.04	-1.87E+01
12/31/02 4:41:20	22110.002	6.141667	-4.958333	-2.05E+01	-1.86E+01	41:19.7	22110.04	-1.86E+01
12/31/02 4:41:50	22140.002	6.150001	-4.949999	-2.05E+01	-1.86E+01	41:49.7	22140.04	-1.86E+01
12/31/02 4:42:20	22170.002	6.158334	-4.941666	-2.05E+01	-1.87E+01	42:19.7	22170.04	-1.87E+01
12/31/02 4:42:50	22200.002	6.166667	-4.933333	-2.05E+01	-1.87E+01	42:49.7	22200.04	-1.87E+01
12/31/02 4:43:20	22230.002	6.175001	-4.924999	-2.05E+01	-1.87E+01	43:19.7	22230.04	-1.87E+01
12/31/02 4:43:50	22260.002	6.183334	-4.916666	-2.05E+01	-1.87E+01	43:49.7	22260.04	-1.87E+01
12/31/02 4:44:20	22290.002	6.191667	-4.908333	-2.05E+01	-1.87E+01	44:19.7	22290.04	-1.87E+01
12/31/02 4:44:50	22320.002	6.200001	-4.899999	-2.05E+01	-1.87E+01	44:49.7	22320.04	-1.87E+01
12/31/02 4:45:20	22350.002	6.208334	-4.891666	-2.06E+01	-1.87E+01	45:19.7	22350.04	-1.87E+01
12/31/02 4:45:50	22380.002	6.216667	-4.883333	-2.05E+01	-1.87E+01	45:49.7	22380.04	-1.87E+01
12/31/02 4:46:20	22410.002	6.225001	-4.874999	-2.06E+01	-1.87E+01	46:19.7	22410.04	-1.87E+01
12/31/02 4:46:50	22440.002	6.233334	-4.866666	-2.05E+01	-1.86E+01	46:49.7	22440.04	-1.86E+01
12/31/02 4:47:20	22470.002	6.241667	-4.858333	-2.05E+01	-1.87E+01	47:19.7	22470.04	-1.87E+01
12/31/02 4:47:50	22500.002	6.250001	-4.849999	-2.05E+01	-1.87E+01	47:49.7	22500.04	-1.87E+01
12/31/02 4:48:20	22530.002	6.258334	-4.841666	-2.06E+01	-1.87E+01	48:19.7	22530.04	-1.87E+01
12/31/02 4:48:50	22560.002	6.266667	-4.833333	-2.05E+01	-1.87E+01	48:49.7	22560.04	-1.87E+01
12/31/02 4:49:20	22590.002	6.275001	-4.824999	-2.05E+01	-1.87E+01	49:19.7	22590.04	-1.87E+01
12/31/02 4:49:50	22620.002	6.283334	-4.816666	-2.05E+01	-1.87E+01	49:49.7	22620.04	-1.87E+01
12/31/02 4:50:20	22650.002	6.291667	-4.808333	-2.06E+01	-1.87E+01	50:19.7	22650.04	-1.87E+01
12/31/02 4:50:50	22680.002	6.300001	-4.799999	-2.06E+01	-1.87E+01	50:49.7	22680.04	-1.87E+01
12/31/02 4:51:20	22710.002	6.308334	-4.791666	-2.05E+01	-1.87E+01	51:19.7	22710.04	-1.87E+01
12/31/02 4:51:50	22740.002	6.316667	-4.783333	-2.05E+01	-1.87E+01	51:49.7	22740.04	-1.87E+01
12/31/02 4:52:20	22770.002	6.325001	-4.774999	-2.06E+01	-1.87E+01	52:19.7	22770.04	-1.87E+01
12/31/02 4:52:50	22800.002	6.333334	-4.766666	-2.05E+01	-1.87E+01	52:49.7	22800.04	-1.87E+01
12/31/02 4:53:20	22830.002	6.341667	-4.758333	-2.05E+01	-1.87E+01	53:19.7	22830.04	-1.87E+01
12/31/02 4:53:50	22860.002	6.350001	-4.749999	-2.06E+01	-1.87E+01	53:49.7	22860.04	-1.87E+01
12/31/02 4:54:20	22890.002	6.358334	-4.741666	-2.06E+01	-1.87E+01	54:19.7	22890.04	-1.87E+01
12/31/02 4:54:50	22920.002	6.366667	-4.733333	-2.06E+01	-1.87E+01	54:49.7	22920.04	-1.87E+01
12/31/02 4:55:20	22950.002	6.375001	-4.724999	-2.05E+01	-1.87E+01	55:19.7	22950.04	-1.87E+01
12/31/02 4:55:50	22980.002	6.383334	-4.716666	-2.06E+01	-1.87E+01	55:49.7	22980.04	-1.87E+01
12/31/02 4:56:20	23010.002	6.391667	-4.708333	-2				

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12/31/02 5:05:20	23550.002	6.541667	-4.558333	-2.05E+01	-1.87E+01	05:19:7	23550.04	-1.87E+01
12/31/02 5:05:50	23580.002	6.550001	-4.549999	-2.05E+01	-1.87E+01	05:49:7	23580.04	-1.87E+01
12/31/02 5:06:20	23610.002	6.558334	-4.541666	-2.05E+01	-1.87E+01	06:19:7	23610.04	-1.87E+01
12/31/02 5:06:50	23640.002	6.566667	-4.533333	-2.06E+01	-1.87E+01	06:49:7	23640.04	-1.87E+01
12/31/02 5:07:20	23670.002	6.575001	-4.524999	-2.06E+01	-1.87E+01	07:19:7	23670.04	-1.87E+01
12/31/02 5:07:50	23700.002	6.583334	-4.516666	-2.06E+01	-1.87E+01	07:49:7	23700.04	-1.87E+01
12/31/02 5:08:20	23730.002	6.591667	-4.508333	-2.06E+01	-1.87E+01	08:19:7	23730.04	-1.87E+01
12/31/02 5:08:50	23760.002	6.600001	-4.499999	-2.06E+01	-1.87E+01	08:49:7	23760.04	-1.87E+01
12/31/02 5:09:20	23790.002	6.608334	-4.491666	-2.06E+01	-1.87E+01	09:19:7	23790.04	-1.87E+01
12/31/02 5:09:50	23820.002	6.616667	-4.483333	-2.06E+01	-1.87E+01	09:49:7	23820.04	-1.87E+01
12/31/02 5:10:20	23850.002	6.625001	-4.474999	-2.06E+01	-1.88E+01	10:19:7	23850.04	-1.88E+01
12/31/02 5:10:50	23880.002	6.633334	-4.466666	-2.07E+01	-1.88E+01	10:49:7	23880.04	-1.88E+01
12/31/02 5:11:20	23910.002	6.641667	-4.458333	-2.06E+01	-1.88E+01	11:19:7	23910.04	-1.88E+01
12/31/02 5:11:50	23940.002	6.650001	-4.449999	-2.06E+01	-1.88E+01	11:49:7	23940.04	-1.88E+01
12/31/02 5:12:20	23970.002	6.658334	-4.441666	-2.07E+01	-1.88E+01	12:19:7	23970.04	-1.88E+01
12/31/02 5:12:50	24000.002	6.666667	-4.433333	-2.07E+01	-1.88E+01	12:49:7	24000.04	-1.88E+01
12/31/02 5:13:20	24030.002	6.675001	-4.424999	-2.07E+01	-1.88E+01	13:19:7	24030.04	-1.88E+01
12/31/02 5:13:50	24060.002	6.683334	-4.416666	-2.07E+01	-1.88E+01	13:49:7	24060.04	-1.88E+01
12/31/02 5:14:20	24090.002	6.691667	-4.408333	-2.07E+01	-1.88E+01	14:19:7	24090.04	-1.88E+01
12/31/02 5:14:50	24120.002	6.700001	-4.399999	-2.07E+01	-1.88E+01	14:49:7	24120.04	-1.88E+01
12/31/02 5:15:20	24150.002	6.708334	-4.391666	-2.07E+01	-1.88E+01	15:19:7	24150.04	-1.88E+01
12/31/02 5:15:50	24180.002	6.716667	-4.383333	-2.07E+01	-1.88E+01	15:49:7	24180.04	-1.88E+01
12/31/02 5:16:20	24210.002	6.725001	-4.374999	-2.07E+01	-1.88E+01	16:19:7	24210.04	-1.88E+01
12/31/02 5:16:50	24240.002	6.733334	-4.366666	-2.07E+01	-1.88E+01	16:49:7	24240.04	-1.88E+01
12/31/02 5:17:20	24270.002	6.741667	-4.358333	-2.07E+01	-1.88E+01	17:19:7	24270.04	-1.88E+01
12/31/02 5:17:50	24300.002	6.750001	-4.349999	-2.07E+01	-1.88E+01	17:49:7	24300.04	-1.88E+01
12/31/02 5:18:20	24330.002	6.758334	-4.341666	-2.07E+01	-1.88E+01	18:19:7	24330.04	-1.88E+01
12/31/02 5:18:50	24360.002	6.766667	-4.333333	-2.07E+01	-1.88E+01	18:49:7	24360.04	-1.88E+01
12/31/02 5:19:20	24390.002	6.775001	-4.324999	-2.07E+01	-1.88E+01	19:19:7	24390.04	-1.88E+01
12/31/02 5:19:50	24420.002	6.783334	-4.316666	-2.06E+01	-1.88E+01	19:49:7	24420.04	-1.88E+01
12/31/02 5:20:20	24450.002	6.791667	-4.308333	-2.06E+01	-1.88E+01	20:19:7	24450.04	-1.88E+01
12/31/02 5:20:50	24480.002	6.800001	-4.299999	-2.07E+01	-1.88E+01	20:49:7	24480.04	-1.88E+01
12/31/02 5:21:20	24510.002	6.808334	-4.291666	-2.07E+01	-1.88E+01	21:19:7	24510.04	-1.88E+01
12/31/02 5:21:50	24540.002	6.816667	-4.283333	-2.07E+01	-1.88E+01	21:49:7	24540.04	-1.88E+01
12/31/02 5:22:20	24570.002	6.825001	-4.274999	-2.07E+01	-1.88E+01	22:19:7	24570.04	-1.88E+01
12/31/02 5:22:50	24600.002	6.833334	-4.266666	-2.06E+01	-1.88E+01	22:49:7	24600.04	-1.88E+01
12/31/02 5:23:20	24630.002	6.841667	-4.258333	-2.06E+01	-1.88E+01	23:19:7	24630.04	-1.88E+01
12/31/02 5:23:50	24660.002	6.850001	-4.249999	-2.06E+01	-1.88E+01	23:49:7	24660.04	-1.88E+01
12/31/02 5:24:20	24690.002	6.858334	-4.241666	-2.07E+01	-1.88E+01	24:19:7	24690.04	-1.88E+01
12/31/02 5:24:50	24720.002	6.866667	-4.233333	-2.06E+01	-1.88E+01	24:49:7	24720.04	-1.88E+01
12/31/02 5:25:20	24750.002	6.875001	-4.224999	-2.07E+01	-1.88E+01	25:19:7	24750.04	-1.88E+01
12/31/02 5:25:50	24780.002	6.883334	-4.216666	-2.06E+01	-1.88E+01	25:49:7	24780.04	-1.88E+01
12/31/02 5:26:20	24810.002	6.891667	-4.208333	-2.06E+01	-1.88E+01	26:19:7	24810.04	-1.88E+01
12/31/02 5:26:50	24840.002	6.900001	-4.199999	-2.06E+01	-1.88E+01	26:49:7	24840.04	-1.88E+01
12/31/02 5:27:20	24870.002	6.908334	-4.191666	-2.06E+01	-1.88E+01	27:19:7	24870.04	-1.88E+01
12/31/02 5:27:50	24900.002	6.916667	-4.183333	-2.06E+01	-1.88E+01	27:49:7	24900.04	-1.88E+01
12/31/02 5:28:20	24930.002	6.925001	-4.174999	-2.06E+01	-1.88E+01	28:19:7	24930.04	-1.88E+01
12/31/02 5:28:50	24960.002	6.933334	-4.166666	-2.07E+01	-1.88E+01	28:49:7	24960.04	-1.88E+01
12/31/02 5:29:20	24990.002	6.941667	-4.158333	-2.06E+01	-1.88E+01	29:19:7	24990.04	-1.88E+01
12/31/02 5:29:50	25020.002	6.950001	-4.149999	-2.06E+01	-1.88E+01	29:49:7	25020.04	-1.88E+01
12/31/02 5:30:20	25050.002	6.958334	-4.141666	-2.06E+01	-1.88E+01	30:19:7	25050.04	-1.88E+01
12/31/02 5:30:50	25080.002	6.966667	-4.133333	-2.06E+01	-1.88E+01	30:49:7	25080.04	-1.88E+01
12/31/02 5:31:20	25110.002	6.975001	-4.124999	-2.06E+01	-1.88E+01	31:19:7	25110.04	-1.88E+01
12/31/02 5:31:50	25140.002	6.983334	-4.116666	-2.06E+01	-1.88E+01	31:49:7	25140.04	-1.88E+01
12/31/02 5:32:20	25170.002	6.991667	-4.108333	-2.06E+01	-1.88E+01	32:19:7	25170.04	-1.88E+01
12/31/02 5:32:50	25200.002	7.000001	-4.099999	-2.06E+01	-1.88E+01	32:49:7	25200.04	-1.88E+01
12/31/02 5:33:20	25230.002	7.008334	-4.091666	-2.06E+01	-1.88E+01	33:19:7	25230.04	-1.88E+01
12/31/02 5:33:50	25260.002	7.016667	-4.083333	-2.06E+01	-1.88E+01	33:49:7	25260.04	-1.88E+01
12/31/02 5:34:20	25290.002	7.025001	-4.074999	-2.06E+01	-1.88E+01	34:19:7	25290.04	-1.88E+01
12/31/02 5:34:50	25320.002	7.033334	-4.066666	-2.06E+01	-1.88E+01	34:49:7	25320.04	-1.88E+01
12/31/02 5:35:20	25350.002	7.041667	-4.058333	-2.06E+01	-1.88E+01	35:19:7	25350.04	-1.88E+01
12/31/02 5:35:50	25380.002	7.050001	-4.049999	-2.06E+01	-1.88E+01	35:49:7	25380.04	-1.88E+01
12/31/02 5:36:20	25410.002	7.058334	-4.041666	-2.06E+01	-1.88E+01	36:19:7	25410.04	-1.88E+01
12/31/02 5:36:50	25440.002	7.066667	-4.033333	-2.05E+01	-1.88E+01	36:49:7	25440.04	-1.88E+01
12/31/02 5:37:20	25470.002	7.075001	-4.024999	-2.06E+01	-1.88E+01	37:19:7	25470.04	-1.88E+01
12/31/02 5:37:50	25500.002	7.083334	-4.016666	-2.06E+01	-1.88E+01	37:49:7	25500.04	-1.88E+01
12/31/02 5:38:20	25530.002	7.091667	-4.008333	-2.06E+01	-1.88E+01	38:19:7	25530.04	-1.88E+01
12/31/02 5:38:50	25560.002	7.100001	-3.999999	-2.06E+01	-1.88E+01	38:49:7	25560.04	-1.88E+01
12/31/02 5:39:20	25590.002	7.108334	-3.991666	-2.06E+01	-1.88E+01	39:19:7	25590.04	-1.88E+01
12/31/02 5:39:50	25620.002	7.116667	-3.983333	-2.06E+01	-1.88E+01	39:49:7	25620.04	-1.88E+01
12/31/02 5:40:20	25650.002	7.125001	-3.974999	-2.06E+01	-1.88E+01	40:19:7	25650.04	-1.88E+01
12/31/02 5:40:50	25680.002	7.133334	-3.966666	-2.06E+01	-1.88E+01	40:49:7	25680.04	-1.88E+01
12/31/02 5:41:20	25710.002	7.141667	-3.958333	-2.06E+01	-1.88E+01	41:19:7	25710.04	-1.88E+01
12/31/02 5:41:50	25740.002	7.150001	-3.949999	-2.06E+01	-1.88E+01	41:49:7	25740.04	-1.88E+01
12/31/02 5:42:20	25770.002	7.158334	-3.941666	-2.06E+01	-1.88E+01	42:19:7	25770.04	-1.88E+01
12/31/02 5:42:50	25800.002	7.166667	-3.933333	-2.06E+01	-1.88E+01	42:49:7	25800.04	-1.88E+01
12/31/02 5:43:20	25830.002	7.175001	-3.924999	-2.06E+01	-1.88E+01	43:19:7	25830.04	-1.88E+01
12/31/02 5:43:50	25860.002	7.183334	-3.916666	-2.05E+01	-1.88E+01	43:49:7	25860.04	-1.88E+01
12/31/02 5:44:20	25890.002	7.191667	-3.908333	-2.05E+01	-1.88E+01	44:19:7	25890.04	-1.88E+01
12/31/02 5:44:50	25920.002	7.200001	-3.899999	-2.05E+01	-1.88E+01	44:49:7	25920.04	-1.88E+01
12/31/02 5:45:20	25950.002	7.208334	-3.891666	-2.06E+01	-1.88E+01	45:19:7	25950.04	-1.88E+01
12/31/02 5:45:50	25980.002	7.216667	-3.883333	-2.06E+01	-1.88E+01	45:49:7	25980.04	-1.88E+01
12/31/02 5:46:20	26010.002	7.225001	-3.874999	-2.06E+01	-1.88E+01	46:19:7	26010.04	-1.88E+01
12/31/02 5:46:50	26040.002	7.233334	-3.866666	-2.06E+01	-1.88E+01	46:49:7	26040.04	-1.88E+01
12/31/02 5:47:20	26070.002	7.241667	-3.858333	-2.06E+01	-1.88E+01	47:19:7	26070.04	-1.88E+01
12/31/02 5:47:50	26100.002	7.250001	-3.849999	-2.06E+01	-1.88E+01	47:49:7	26100.04	-1.88E+01
12/31/02 5:48:20	26130.002	7.258334	-3.841666	-2.06E+01	-1.88E+01	48:19:7	26130.04	-1.88E+01
12/31/02 5:48:50	26160.002	7.266667	-3.833333	-2.05E+01	-1.88E+01	48:49:7	26160.04	-1.88E+01
12/31/02 5:49:20	26190.002	7.275001	-3.824999	-2.06E+01	-1.88E+01	49:19:7	26190.04	-1.88E+01
12/31/02 5:49:50	26220.002	7.283334	-3.816666	-2.06E+01	-1.88E+01	49:49:7	26220.04	-1.88E+01
12/31/02 5:50:20	26250.002	7.291667	-3.808333	-2.05E+01	-1.88E+01	50:19:7	26250.04	-1.88E+01
12/31/02 5:50:50	26280.002	7.300001	-3.799999	-2.05E+01	-1.88E+01	50:49:7	26280.04	-1.88E+01
12/31/02 5:51:20	26310.002	7.308334	-3.791666	-2.06E+01	-1.88E+01	51:19:7	26310.04	-1.88E+01
12/31/02 5:51:50	26340.002	7.316667	-3.783333	-2.05E+01	-1.88E+01	51:49:7	26340.04	-1.88E+01
12/31/02 5:52:20	26370.002	7.325001	-3.774999	-2.05E+01	-1.88E+01	52:19:7		

THERMALSHOCKSHORTTERM

12/31/02 6:01:50	26940.002	7.483334	-3.616666	-2.07E+01	-1.89E+01	01:49.7	26940.04	-1.89E+01
12/31/02 6:02:20	26970.002	7.491667	-3.608333	-2.07E+01	-1.89E+01	02:19.7	26970.04	-1.89E+01
12/31/02 6:02:50	27000.002	7.500001	-3.599999	-2.06E+01	-1.89E+01	02:49.7	27000.04	-1.89E+01
12/31/02 6:03:20	27030.002	7.508334	-3.591666	-2.07E+01	-1.89E+01	03:19.7	27030.04	-1.89E+01
12/31/02 6:03:50	27060.002	7.516667	-3.583333	-2.07E+01	-1.89E+01	03:49.7	27060.04	-1.89E+01
12/31/02 6:04:20	27090.002	7.525001	-3.574999	-2.07E+01	-1.89E+01	04:19.7	27090.04	-1.89E+01
12/31/02 6:04:50	27120.002	7.533334	-3.566666	-2.07E+01	-1.89E+01	04:49.7	27120.04	-1.89E+01
12/31/02 6:05:20	27150.002	7.541667	-3.558333	-2.07E+01	-1.89E+01	05:19.7	27150.04	-1.89E+01
12/31/02 6:05:50	27180.002	7.550001	-3.549999	-2.07E+01	-1.89E+01	05:49.7	27180.04	-1.89E+01
12/31/02 6:06:20	27210.002	7.558334	-3.541666	-2.07E+01	-1.89E+01	06:19.7	27210.04	-1.89E+01
12/31/02 6:06:50	27240.002	7.566667	-3.533333	-2.06E+01	-1.89E+01	06:49.7	27240.04	-1.89E+01
12/31/02 6:07:20	27270.002	7.575001	-3.524999	-2.07E+01	-1.89E+01	07:19.7	27270.04	-1.89E+01
12/31/02 6:07:50	27300.002	7.583334	-3.516666	-2.06E+01	-1.89E+01	07:49.7	27300.04	-1.89E+01
12/31/02 6:08:20	27330.002	7.591667	-3.508333	-2.07E+01	-1.89E+01	08:19.7	27330.04	-1.89E+01
12/31/02 6:08:50	27360.002	7.600001	-3.499999	-2.07E+01	-1.89E+01	08:49.7	27360.04	-1.89E+01
12/31/02 6:09:20	27390.002	7.608334	-3.491666	-2.06E+01	-1.89E+01	09:19.7	27390.04	-1.89E+01
12/31/02 6:09:50	27420.002	7.616667	-3.483333	-2.07E+01	-1.89E+01	09:49.7	27420.04	-1.89E+01
12/31/02 6:10:20	27450.002	7.625001	-3.474999	-2.07E+01	-1.89E+01	10:19.7	27450.04	-1.89E+01
12/31/02 6:10:50	27480.002	7.633334	-3.466666	-2.07E+01	-1.89E+01	10:49.7	27480.04	-1.89E+01
12/31/02 6:11:20	27510.002	7.641667	-3.458333	-2.07E+01	-1.89E+01	11:19.7	27510.04	-1.89E+01
12/31/02 6:11:50	27540.002	7.650001	-3.449999	-2.07E+01	-1.89E+01	11:49.7	27540.04	-1.89E+01
12/31/02 6:12:20	27570.002	7.658334	-3.441666	-2.07E+01	-1.89E+01	12:19.7	27570.04	-1.89E+01
12/31/02 6:12:50	27600.002	7.666667	-3.433333	-2.06E+01	-1.89E+01	12:49.7	27600.04	-1.89E+01
12/31/02 6:13:20	27630.002	7.675001	-3.424999	-2.06E+01	-1.89E+01	13:19.7	27630.04	-1.89E+01
12/31/02 6:13:50	27660.002	7.683334	-3.416666	-2.06E+01	-1.89E+01	13:49.7	27660.04	-1.89E+01
12/31/02 6:14:20	27690.002	7.691667	-3.408333	-2.06E+01	-1.89E+01	14:19.7	27690.04	-1.89E+01
12/31/02 6:14:50	27720.002	7.700001	-3.399999	-2.06E+01	-1.89E+01	14:49.7	27720.04	-1.89E+01
12/31/02 6:15:20	27750.002	7.708334	-3.391666	-2.07E+01	-1.89E+01	15:19.7	27750.04	-1.89E+01
12/31/02 6:15:50	27780.002	7.716667	-3.383333	-2.07E+01	-1.89E+01	15:49.7	27780.04	-1.89E+01
12/31/02 6:16:20	27810.002	7.725001	-3.374999	-2.07E+01	-1.89E+01	16:19.7	27810.04	-1.89E+01
12/31/02 6:16:50	27840.002	7.733334	-3.366666	-2.07E+01	-1.89E+01	16:49.7	27840.04	-1.89E+01
12/31/02 6:17:20	27870.002	7.741667	-3.358333	-2.07E+01	-1.89E+01	17:19.7	27870.04	-1.89E+01
12/31/02 6:17:50	27900.002	7.750001	-3.349999	-2.06E+01	-1.89E+01	17:49.7	27900.04	-1.89E+01
12/31/02 6:18:20	27930.002	7.758334	-3.341666	-2.06E+01	-1.89E+01	18:19.7	27930.04	-1.89E+01
12/31/02 6:18:50	27960.002	7.766667	-3.333333	-2.06E+01	-1.89E+01	18:49.7	27960.04	-1.89E+01
12/31/02 6:19:20	27990.002	7.775001	-3.324999	-2.06E+01	-1.89E+01	19:19.7	27990.04	-1.89E+01
12/31/02 6:19:50	28020.002	7.783334	-3.316666	-2.06E+01	-1.89E+01	19:49.7	28020.04	-1.89E+01
12/31/02 6:20:20	28050.002	7.791667	-3.308333	-2.07E+01	-1.89E+01	20:19.7	28050.04	-1.89E+01
12/31/02 6:20:50	28080.002	7.800001	-3.299999	-2.07E+01	-1.89E+01	20:49.7	28080.04	-1.89E+01
12/31/02 6:21:20	28110.002	7.808334	-3.291666	-2.07E+01	-1.89E+01	21:19.7	28110.04	-1.89E+01
12/31/02 6:21:50	28140.002	7.816667	-3.283333	-2.07E+01	-1.89E+01	21:49.7	28140.04	-1.89E+01
12/31/02 6:22:20	28170.002	7.825001	-3.274999	-2.07E+01	-1.89E+01	22:19.7	28170.04	-1.89E+01
12/31/02 6:22:50	28200.002	7.833334	-3.266666	-2.07E+01	-1.89E+01	22:49.7	28200.04	-1.89E+01
12/31/02 6:23:20	28230.002	7.841667	-3.258333	-2.07E+01	-1.89E+01	23:19.7	28230.04	-1.89E+01
12/31/02 6:23:50	28260.002	7.850001	-3.249999	-2.07E+01	-1.89E+01	23:49.7	28260.04	-1.89E+01
12/31/02 6:24:20	28290.002	7.858334	-3.241666	-2.06E+01	-1.89E+01	24:19.7	28290.04	-1.89E+01
12/31/02 6:24:50	28320.002	7.866667	-3.233333	-2.06E+01	-1.89E+01	24:49.7	28320.04	-1.89E+01
12/31/02 6:25:20	28350.002	7.875001	-3.224999	-2.07E+01	-1.89E+01	25:19.7	28350.04	-1.89E+01
12/31/02 6:25:50	28380.002	7.883334	-3.216666	-2.06E+01	-1.89E+01	25:49.7	28380.04	-1.89E+01
12/31/02 6:26:20	28410.002	7.891667	-3.208333	-2.07E+01	-1.89E+01	26:19.7	28410.04	-1.89E+01
12/31/02 6:26:50	28440.002	7.900001	-3.199999	-2.07E+01	-1.89E+01	26:49.7	28440.04	-1.89E+01
12/31/02 6:27:20	28470.002	7.908334	-3.191666	-2.07E+01	-1.89E+01	27:19.7	28470.04	-1.89E+01
12/31/02 6:27:50	28500.002	7.916667	-3.183333	-2.07E+01	-1.89E+01	27:49.7	28500.04	-1.89E+01
12/31/02 6:28:20	28530.002	7.925001	-3.174999	-2.06E+01	-1.89E+01	28:19.7	28530.04	-1.89E+01
12/31/02 6:28:50	28560.002	7.933334	-3.166666	-2.07E+01	-1.89E+01	28:49.7	28560.04	-1.89E+01
12/31/02 6:29:20	28590.002	7.941667	-3.158333	-2.06E+01	-1.89E+01	29:19.7	28590.04	-1.89E+01
12/31/02 6:29:50	28620.002	7.950001	-3.149999	-2.06E+01	-1.89E+01	29:49.7	28620.04	-1.89E+01
12/31/02 6:30:20	28650.002	7.958334	-3.141666	-2.06E+01	-1.89E+01	30:19.7	28650.04	-1.89E+01
12/31/02 6:30:50	28680.002	7.966667	-3.133333	-2.07E+01	-1.89E+01	30:49.7	28680.04	-1.89E+01
12/31/02 6:31:20	28710.002	7.975001	-3.124999	-2.07E+01	-1.89E+01	31:19.7	28710.04	-1.89E+01
12/31/02 6:31:50	28740.002	7.983334	-3.116666	-2.06E+01	-1.89E+01	31:49.7	28740.04	-1.89E+01
12/31/02 6:32:20	28770.002	7.991667	-3.108333	-2.07E+01	-1.89E+01	32:19.7	28770.04	-1.89E+01
12/31/02 6:32:50	28800.002	8.000001	-3.099999	-2.06E+01	-1.89E+01	32:49.7	28800.04	-1.89E+01
12/31/02 6:33:20	28830.002	8.008334	-3.091666	-2.06E+01	-1.89E+01	33:19.7	28830.04	-1.89E+01
12/31/02 6:33:50	28860.002	8.016667	-3.083333	-2.06E+01	-1.89E+01	33:49.7	28860.04	-1.89E+01
12/31/02 6:34:20	28890.002	8.025001	-3.074999	-2.06E+01	-1.89E+01	34:19.7	28890.04	-1.89E+01
12/31/02 6:34:50	28920.002	8.033334	-3.066666	-2.06E+01	-1.89E+01	34:49.7	28920.04	-1.89E+01
12/31/02 6:35:20	28950.002	8.041667	-3.058333	-2.06E+01	-1.89E+01	35:19.7	28950.04	-1.89E+01
12/31/02 6:35:50	28980.002	8.050001	-3.049999	-2.07E+01	-1.89E+01	35:49.7	28980.04	-1.89E+01
12/31/02 6:36:20	29010.002	8.058334	-3.041666	-2.06E+01	-1.89E+01	36:19.7	29010.04	-1.89E+01
12/31/02 6:36:50	29040.002	8.066667	-3.033333	-2.07E+01	-1.89E+01	36:49.7	29040.04	-1.89E+01
12/31/02 6:37:20	29070.002	8.075001	-3.024999	-2.06E+01	-1.89E+01	37:19.7	29070.04	-1.89E+01
12/31/02 6:37:50	29100.002	8.083334	-3.016666	-2.06E+01	-1.89E+01	37:49.7	29100.04	-1.89E+01
12/31/02 6:38:20	29130.002	8.091667	-3.008333	-2.06E+01	-1.89E+01	38:19.7	29130.04	-1.89E+01
12/31/02 6:38:50	29160.002	8.100001	-2.999999	-2.06E+01	-1.89E+01	38:49.7	29160.04	-1.89E+01
12/31/02 6:39:20	29190.002	8.108334	-2.991666	-2.07E+01	-1.89E+01	39:19.7	29190.04	-1.89E+01
12/31/02 6:39:50	29220.002	8.116667	-2.983333	-2.06E+01	-1.89E+01	39:49.7	29220.04	-1.89E+01
12/31/02 6:40:20	29250.002	8.125001	-2.974999	-2.06E+01	-1.89E+01	40:19.7	29250.04	-1.89E+01
12/31/02 6:40:50	29280.002	8.133334	-2.966666	-2.06E+01	-1.89E+01	40:49.7	29280.04	-1.89E+01
12/31/02 6:41:20	29310.002	8.141667	-2.958333	-2.07E+01	-1.89E+01	41:19.7	29310.04	-1.89E+01
12/31/02 6:41:50	29340.002	8.150001	-2.949999	-2.06E+01	-1.89E+01	41:49.7	29340.04	-1.89E+01
12/31/02 6:42:20	29370.002	8.158334	-2.941666	-2.06E+01	-1.89E+01	42:19.7	29370.04	-1.89E+01
12/31/02 6:42:50	29400.002	8.166667	-2.933333	-2.06E+01	-1.89E+01	42:49.7	29400.04	-1.89E+01
12/31/02 6:43:20	29430.002	8.175001	-2.924999	-2.06E+01	-1.89E+01	43:19.7	29430.04	-1.89E+01
12/31/02 6:43:50	29460.002	8.183334	-2.916666	-2.06E+01	-1.89E+01	43:49.7	29460.04	-1.89E+01
12/31/02 6:44:20	29490.002	8.191667	-2.908333	-2.06E+01	-1.89E+01	44:19.7	29490.04	-1.89E+01
12/31/02 6:44:50	29520.002	8.200001	-2.899999	-2.06E+01	-1.89E+01	44:49.7	29520.04	-1.89E+01
12/31/02 6:45:20	29550.002	8.208334	-2.891666	-2.06E+01	-1.89E+01	45:19.7	29550.04	-1.89E+01
12/31/02 6:45:50	29580.002	8.216667	-2.883333	-2.06E+01	-1.89E+01	45:49.7	29580.04	-1.89E+01
12/31/02 6:46:20	29610.002	8.225001	-2.874999	-2.06E+01	-1.89E+01	46:19.7	29610.04	-1.89E+01
12/31/02 6:46:50	29640.002	8.233334	-2.866666	-2.06E+01	-1.89E+01	46:49.7	29640.04	-1.89E+01
12/31/02 6:47:20	29670.002	8.241667	-2.858333	-2.06E+01	-1.89E+01	47:19.7	29670.04	-1.89E+01
12/31/02 6:47:50	29700.002	8.250001	-2.849999	-2.06E+01	-1.89E+01	47:49.7	29700.04	-1.89E+01
12/31/02 6:48:20	29730.002	8.258334	-2.841666	-2.06E+01	-1.89E+01	48:19.7	29730.04	-1.89E+01
12/31/02 6:48:50	29760.002	8.266667	-2.833333	-2.06E+01	-1.89E+01	48:49.7	29760.04	-1.89E+01
12/31/02 6:49:20	29790.002	8.275001	-2.824999	-2				

THERMALSHOCKSHORTTERM

12/31/02 6:58:20	30330.002	8.425001	-2.674999 -2.07E+01 -1.89E+01	58:19:7	30330.04 -1.89E+01
12/31/02 6:58:50	30360.002	8.433334	-2.666666 -2.07E+01 -1.89E+01	58:49:7	30360.04 -1.89E+01
12/31/02 6:59:20	30390.002	8.441667	-2.658333 -2.07E+01 -1.89E+01	59:19:7	30390.04 -1.89E+01
12/31/02 6:59:50	30420.002	8.450001	-2.649999 -2.07E+01 -1.89E+01	59:49:7	30420.04 -1.89E+01
12/31/02 7:00:20	30450.002	8.458334	-2.641666 -2.07E+01 -1.89E+01	60:19:7	30450.04 -1.89E+01
12/31/02 7:00:50	30480.002	8.466667	-2.633333 -2.07E+01 -1.89E+01	60:49:7	30480.04 -1.89E+01
12/31/02 7:01:20	30510.002	8.475001	-2.624999 -2.07E+01 -1.89E+01	61:19:7	30510.04 -1.89E+01
12/31/02 7:01:50	30540.002	8.483334	-2.616666 -2.07E+01 -1.89E+01	61:49:7	30540.04 -1.89E+01
12/31/02 7:02:20	30570.002	8.491667	-2.608333 -2.07E+01 -1.89E+01	62:19:7	30570.04 -1.89E+01
12/31/02 7:02:50	30600.002	8.500001	-2.599999 -2.07E+01 -1.89E+01	62:49:7	30600.04 -1.89E+01
12/31/02 7:03:20	30630.002	8.508334	-2.591666 -2.07E+01 -1.89E+01	63:19:7	30630.04 -1.89E+01
12/31/02 7:03:50	30660.002	8.516667	-2.583333 -2.06E+01 -1.89E+01	63:49:7	30660.04 -1.89E+01
12/31/02 7:04:20	30690.002	8.525001	-2.574999 -2.06E+01 -1.89E+01	64:19:7	30690.04 -1.89E+01
12/31/02 7:04:50	30720.002	8.533334	-2.566666 -2.06E+01 -1.89E+01	64:49:7	30720.04 -1.89E+01
12/31/02 7:05:20	30750.002	8.541667	-2.558333 -2.06E+01 -1.89E+01	65:19:7	30750.04 -1.89E+01
12/31/02 7:05:50	30780.002	8.550001	-2.549999 -2.06E+01 -1.89E+01	65:49:7	30780.04 -1.89E+01
12/31/02 7:06:20	30810.002	8.558334	-2.541666 -2.06E+01 -1.89E+01	66:19:7	30810.04 -1.89E+01
12/31/02 7:06:50	30840.002	8.566667	-2.533333 -2.06E+01 -1.89E+01	66:49:7	30840.04 -1.89E+01
12/31/02 7:07:20	30870.002	8.575001	-2.524999 -2.07E+01 -1.89E+01	67:19:7	30870.04 -1.89E+01
12/31/02 7:07:50	30900.002	8.583334	-2.516666 -2.07E+01 -1.89E+01	67:49:7	30900.04 -1.89E+01
12/31/02 7:08:20	30930.002	8.591667	-2.508333 -2.07E+01 -1.89E+01	68:19:7	30930.04 -1.89E+01
12/31/02 7:08:50	30960.002	8.600001	-2.499999 -2.07E+01 -1.89E+01	68:49:7	30960.04 -1.89E+01
12/31/02 7:09:20	30990.002	8.608334	-2.491666 -2.07E+01 -1.89E+01	69:19:7	30990.04 -1.89E+01
12/31/02 7:09:50	31020.002	8.616667	-2.483333 -2.07E+01 -1.89E+01	69:49:7	31020.04 -1.89E+01
12/31/02 7:10:20	31050.002	8.625001	-2.474999 -2.06E+01 -1.89E+01	70:19:7	31050.04 -1.89E+01
12/31/02 7:10:50	31080.002	8.633334	-2.466666 -2.07E+01 -1.89E+01	70:49:7	31080.04 -1.89E+01
12/31/02 7:11:20	31110.002	8.641667	-2.458333 -2.07E+01 -1.89E+01	71:19:7	31110.04 -1.89E+01
12/31/02 7:11:50	31140.002	8.650001	-2.449999 -2.07E+01 -1.89E+01	71:49:7	31140.04 -1.89E+01
12/31/02 7:12:20	31170.002	8.658334	-2.441666 -2.06E+01 -1.89E+01	72:19:7	31170.04 -1.89E+01
12/31/02 7:12:50	31200.002	8.666667	-2.433333 -2.06E+01 -1.89E+01	72:49:7	31200.04 -1.89E+01
12/31/02 7:13:20	31230.002	8.675001	-2.424999 -2.07E+01 -1.89E+01	73:19:7	31230.04 -1.89E+01
12/31/02 7:13:50	31260.002	8.683334	-2.416666 -2.07E+01 -1.89E+01	73:49:7	31260.04 -1.89E+01
12/31/02 7:14:20	31290.002	8.691667	-2.408333 -2.07E+01 -1.89E+01	74:19:7	31290.04 -1.89E+01
12/31/02 7:14:50	31320.002	8.700001	-2.399999 -2.06E+01 -1.89E+01	74:49:7	31320.04 -1.89E+01
12/31/02 7:15:20	31350.002	8.708334	-2.391666 -2.06E+01 -1.89E+01	75:19:7	31350.04 -1.89E+01
12/31/02 7:15:50	31380.002	8.716667	-2.383333 -2.06E+01 -1.89E+01	75:49:7	31380.04 -1.89E+01
12/31/02 7:16:20	31410.002	8.725001	-2.374999 -2.07E+01 -1.89E+01	76:19:7	31410.04 -1.89E+01
12/31/02 7:16:50	31440.002	8.733334	-2.366666 -2.06E+01 -1.89E+01	76:49:7	31440.04 -1.89E+01
12/31/02 7:17:20	31470.002	8.741667	-2.358333 -2.06E+01 -1.89E+01	77:19:7	31470.04 -1.89E+01
12/31/02 7:17:50	31500.002	8.750001	-2.349999 -2.06E+01 -1.89E+01	77:49:7	31500.04 -1.89E+01
12/31/02 7:18:20	31530.002	8.758334	-2.341666 -2.07E+01 -1.89E+01	78:19:7	31530.04 -1.89E+01
12/31/02 7:18:50	31560.002	8.766667	-2.333333 -2.07E+01 -1.89E+01	78:49:7	31560.04 -1.89E+01
12/31/02 7:19:20	31590.002	8.775001	-2.324999 -2.07E+01 -1.89E+01	79:19:7	31590.04 -1.89E+01
12/31/02 7:19:50	31620.002	8.783334	-2.316666 -2.06E+01 -1.89E+01	79:49:7	31620.04 -1.89E+01
12/31/02 7:20:20	31650.002	8.791667	-2.308333 -2.07E+01 -1.89E+01	80:19:7	31650.04 -1.89E+01
12/31/02 7:20:50	31680.002	8.800001	-2.299999 -2.06E+01 -1.89E+01	80:49:7	31680.04 -1.89E+01
12/31/02 7:21:20	31710.002	8.808334	-2.291666 -2.07E+01 -1.89E+01	81:19:7	31710.04 -1.89E+01
12/31/02 7:21:50	31740.002	8.816667	-2.283333 -2.06E+01 -1.89E+01	81:49:7	31740.04 -1.89E+01
12/31/02 7:22:20	31770.002	8.825001	-2.274999 -2.06E+01 -1.89E+01	82:19:7	31770.04 -1.89E+01
12/31/02 7:22:50	31800.002	8.833334	-2.266666 -2.06E+01 -1.89E+01	82:49:7	31800.04 -1.89E+01
12/31/02 7:23:20	31830.002	8.841667	-2.258333 -2.07E+01 -1.89E+01	83:19:7	31830.04 -1.89E+01
12/31/02 7:23:50	31860.002	8.850001	-2.249999 -2.07E+01 -1.89E+01	83:49:7	31860.04 -1.89E+01
12/31/02 7:24:20	31890.002	8.858334	-2.241666 -2.07E+01 -1.89E+01	84:19:7	31890.04 -1.89E+01
12/31/02 7:24:50	31920.002	8.866667	-2.233333 -2.06E+01 -1.89E+01	84:49:7	31920.04 -1.89E+01
12/31/02 7:25:20	31950.002	8.875001	-2.224999 -2.06E+01 -1.89E+01	85:19:7	31950.04 -1.89E+01
12/31/02 7:25:50	31980.002	8.883334	-2.216666 -2.06E+01 -1.89E+01	85:49:7	31980.04 -1.89E+01
12/31/02 7:26:20	32010.002	8.891667	-2.208333 -2.06E+01 -1.89E+01	86:19:7	32010.04 -1.89E+01
12/31/02 7:26:50	32040.002	8.900001	-2.199999 -2.07E+01 -1.89E+01	86:49:7	32040.04 -1.89E+01
12/31/02 7:27:20	32070.002	8.908334	-2.191666 -2.06E+01 -1.89E+01	87:19:7	32070.04 -1.89E+01
12/31/02 7:27:50	32100.002	8.916667	-2.183333 -2.07E+01 -1.89E+01	87:49:7	32100.04 -1.89E+01
12/31/02 7:28:20	32130.002	8.925001	-2.174999 -2.07E+01 -1.89E+01	88:19:7	32130.04 -1.89E+01
12/31/02 7:28:50	32160.002	8.933334	-2.166666 -2.07E+01 -1.89E+01	88:49:7	32160.04 -1.89E+01
12/31/02 7:29:20	32190.002	8.941667	-2.158333 -2.07E+01 -1.89E+01	89:19:7	32190.04 -1.89E+01
12/31/02 7:29:50	32220.002	8.950001	-2.149999 -2.06E+01 -1.89E+01	89:49:7	32220.04 -1.89E+01
12/31/02 7:30:20	32250.002	8.958334	-2.141666 -2.06E+01 -1.89E+01	90:19:7	32250.04 -1.89E+01
12/31/02 7:30:50	32280.002	8.966667	-2.133333 -2.06E+01 -1.89E+01	90:49:7	32280.04 -1.89E+01
12/31/02 7:31:20	32310.002	8.975001	-2.124999 -2.07E+01 -1.89E+01	91:19:7	32310.04 -1.89E+01
12/31/02 7:31:50	32340.002	8.983334	-2.116666 -2.06E+01 -1.89E+01	91:49:7	32340.04 -1.89E+01
12/31/02 7:32:20	32370.002	8.991667	-2.108333 -2.06E+01 -1.89E+01	92:19:7	32370.04 -1.89E+01
12/31/02 7:32:50	32400.002	9.000001	-2.099999 -2.06E+01 -1.89E+01	92:49:7	32400.04 -1.89E+01
12/31/02 7:33:20	32430.002	9.008334	-2.091666 -2.06E+01 -1.89E+01	93:19:7	32430.04 -1.89E+01
12/31/02 7:33:50	32460.002	9.016667	-2.083333 -2.06E+01 -1.89E+01	93:49:7	32460.04 -1.89E+01
12/31/02 7:34:20	32490.002	9.025001	-2.074999 -2.06E+01 -1.89E+01	94:19:7	32490.04 -1.89E+01
12/31/02 7:34:50	32520.002	9.033334	-2.066666 -2.06E+01 -1.89E+01	94:49:7	32520.04 -1.89E+01
12/31/02 7:35:20	32550.002	9.041667	-2.058333 -2.06E+01 -1.89E+01	95:19:7	32550.04 -1.89E+01
12/31/02 7:35:50	32580.002	9.050001	-2.049999 -2.07E+01 -1.89E+01	95:49:7	32580.04 -1.89E+01
12/31/02 7:36:20	32610.002	9.058334	-2.041666 -2.06E+01 -1.89E+01	96:19:7	32610.04 -1.89E+01
12/31/02 7:36:50	32640.002	9.066667	-2.033333 -2.06E+01 -1.89E+01	96:49:7	32640.04 -1.89E+01
12/31/02 7:37:20	32670.002	9.075001	-2.024999 -2.06E+01 -1.89E+01	97:19:7	32670.04 -1.89E+01
12/31/02 7:37:50	32700.002	9.083334	-2.016666 -2.06E+01 -1.89E+01	97:49:7	32700.04 -1.89E+01
12/31/02 7:38:20	32730.002	9.091667	-2.008333 -2.05E+01 -1.89E+01	98:19:7	32730.04 -1.89E+01
12/31/02 7:38:50	32760.002	9.100001	-1.999999 -2.06E+01 -1.89E+01	98:49:7	32760.04 -1.89E+01
12/31/02 7:39:20	32790.002	9.108334	-1.991666 -2.06E+01 -1.89E+01	99:19:7	32790.04 -1.89E+01
12/31/02 7:39:50	32820.002	9.116667	-1.983333 -2.07E+01 -1.89E+01	99:49:7	32820.04 -1.89E+01
12/31/02 7:40:20	32850.002	9.125001	-1.974999 -2.07E+01 -1.89E+01	40:19:7	32850.04 -1.89E+01
12/31/02 7:40:50	32880.002	9.133334	-1.966666 -2.07E+01 -1.89E+01	40:49:7	32880.04 -1.89E+01
12/31/02 7:41:20	32910.002	9.141667	-1.958333 -2.06E+01 -1.89E+01	41:19:7	32910.04 -1.89E+01
12/31/02 7:41:50	32940.002	9.150001	-1.949999 -2.06E+01 -1.89E+01	41:49:7	32940.04 -1.89E+01
12/31/02 7:42:20	32970.002	9.158334	-1.941666 -2.07E+01 -1.89E+01	42:19:7	32970.04 -1.89E+01
12/31/02 7:42:50	33000.002	9.166667	-1.933333 -2.07E+01 -1.89E+01	42:49:7	33000.04 -1.89E+01
12/31/02 7:43:20	33030.002	9.175001	-1.924999 -2.06E+01 -1.89E+01	43:19:7	33030.04 -1.89E+01
12/31/02 7:43:50	33060.002	9.183334	-1.916666 -2.06E+01 -1.89E+01	43:49:7	33060.04 -1.89E+01
12/31/02 7:44:20	33090.002	9.191667	-1.908333 -2.06E+01 -1.89E+01	44:19:7	33090.04 -1.89E+01
12/31/02 7:44:50	33120.002	9.200001	-1.899999 -2.07E+01 -1.89E+01	44:49:7	33120.04 -1.89E+01
12/31/02 7:45:20	33150.002	9.208334	-1.891666 -2.07E+01 -1.89E+01	45:19:7	33150.04 -1.89E+01
12/31/02 7:45:50	33180.002	9.216667	-1.883333 -2.07E+01 -1.89E+01	45:49:7	33180.04 -1.89E+01
12/31/02 7:46:20	33210.002	9.225001	-1.874999 -2.07E+01 -1.89E+01	46:19:7	33210.04 -1.89E+01
12/31/02 7:46:50	33240.002	9.233334	-1.866666 -2.07E+01 -1.89E+01	46:49:7	33240.04 -1.89E+01
12/31/02 7:47:20	33270.002	9.241667	-1.858333 -2.07E+01 -1.89E+01	47:19:7	33270.04 -1.89E+01
12/31/02 7:47:50	33300.002	9.250001	-1.849999 -2.07E+01 -1.89E+01	47:49:7	33300.04 -1.89E+01
12/31/02 7:48:20	33330.002	9.258334	-1.841666 -2.07E+01 -1.89E+01	48:19:7	33330.04 -1.89E+01
12/31/02 7:48:50	33360.002	9.266667	-1.833333 -2.07E+01 -1.89E+01	48:49:7	33360.04 -1.89E+01
12/31/02 7:49:20	33390.002	9.275001	-1.824999 -2.07E+01 -1.89E+01	49:19:7	33390.04 -1.89E+01
12/31/02 7:49:50	33420.002	9.283334	-1.816666 -2.07E+01 -1.89E+01	49:49:7	33420.04 -1.89E+01
12/31/02 7:50:20	33450.002	9.291667	-1.808333 -2.07E+01 -1.89E+01	50:19:7	33450.04 -1.89E+01
12/31/02 7:50:50	33480.002				

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12/31/02 7:54:50	33720.002	9.366667	-1.733333 -2.07E+01 -1.89E+01	54:49.7	33720.04 -1.89E+01
12/31/02 7:55:20	33750.002	9.375001	-1.724999 -2.07E+01 -1.89E+01	55:19.7	33750.04 -1.89E+01
12/31/02 7:55:50	33780.002	9.383334	-1.716666 -2.07E+01 -1.89E+01	55:49.7	33780.04 -1.89E+01
12/31/02 7:56:20	33810.002	9.391667	-1.708333 -2.06E+01 -1.89E+01	56:19.7	33810.04 -1.89E+01
12/31/02 7:56:50	33840.002	9.400001	-1.699999 -2.07E+01 -1.89E+01	56:49.7	33840.04 -1.89E+01
12/31/02 7:57:20	33870.002	9.408334	-1.691666 -2.07E+01 -1.89E+01	57:19.7	33870.04 -1.89E+01
12/31/02 7:57:50	33900.002	9.416667	-1.683333 -2.08E+01 -1.89E+01	57:49.7	33900.04 -1.89E+01
12/31/02 7:58:20	33930.002	9.425001	-1.674999 -2.06E+01 -1.89E+01	58:19.7	33930.04 -1.89E+01
12/31/02 7:58:50	33960.002	9.433334	-1.666666 -2.05E+01 -1.89E+01	58:49.7	33960.04 -1.89E+01
12/31/02 7:59:20	33990.002	9.441667	-1.658333 -2.06E+01 -1.89E+01	58:19.7	33990.04 -1.89E+01
12/31/02 7:59:50	34020.002	9.450001	-1.649999 -2.08E+01 -1.89E+01	58:49.7	34020.04 -1.89E+01
12/31/02 8:00:20	34050.002	9.458334	-1.641666 -2.06E+01 -1.89E+01	00:19.7	34050.04 -1.89E+01
12/31/02 8:00:50	34080.002	9.466667	-1.633333 -2.06E+01 -1.89E+01	00:49.7	34080.04 -1.89E+01
12/31/02 8:01:20	34110.002	9.475001	-1.624999 -2.07E+01 -1.89E+01	01:19.7	34110.04 -1.89E+01
12/31/02 8:01:50	34140.002	9.483334	-1.616666 -2.08E+01 -1.89E+01	01:49.7	34140.04 -1.89E+01
12/31/02 8:02:20	34170.002	9.491667	-1.608333 -2.08E+01 -1.89E+01	02:19.7	34170.04 -1.89E+01
12/31/02 8:02:50	34200.002	9.500001	-1.599999 -2.09E+01 -1.89E+01	02:49.7	34200.04 -1.89E+01
12/31/02 8:03:20	34230.002	9.508334	-1.591666 -2.10E+01 -1.89E+01	03:19.7	34230.04 -1.89E+01
12/31/02 8:03:50	34260.002	9.516667	-1.583333 -2.09E+01 -1.89E+01	03:49.7	34260.04 -1.89E+01
12/31/02 8:04:20	34290.002	9.525001	-1.574999 -2.10E+01 -1.89E+01	04:19.7	34290.04 -1.89E+01
12/31/02 8:04:50	34320.002	9.533334	-1.566666 -2.11E+01 -1.89E+01	04:49.7	34320.04 -1.89E+01
12/31/02 8:05:20	34350.002	9.541667	-1.558333 -2.12E+01 -1.89E+01	05:19.7	34350.04 -1.89E+01
12/31/02 8:05:50	34380.002	9.550001	-1.549999 -2.12E+01 -1.89E+01	05:49.7	34380.04 -1.89E+01
12/31/02 8:06:20	34410.002	9.558334	-1.541666 -2.12E+01 -1.89E+01	06:19.7	34410.04 -1.89E+01
12/31/02 8:06:50	34440.002	9.566667	-1.533333 -2.12E+01 -1.89E+01	06:49.7	34440.04 -1.89E+01
12/31/02 8:07:20	34470.002	9.575001	-1.524999 -2.13E+01 -1.90E+01	07:19.7	34470.04 -1.90E+01
12/31/02 8:07:50	34500.002	9.583334	-1.516666 -2.12E+01 -1.90E+01	07:49.7	34500.04 -1.90E+01
12/31/02 8:08:20	34530.002	9.591667	-1.508333 -2.12E+01 -1.90E+01	08:19.7	34530.04 -1.90E+01
12/31/02 8:08:50	34560.002	9.600001	-1.499999 -2.13E+01 -1.89E+01	08:49.7	34560.04 -1.89E+01
12/31/02 8:09:20	34590.002	9.608334	-1.491666 -2.13E+01 -1.90E+01	09:19.7	34590.04 -1.90E+01
12/31/02 8:09:50	34620.002	9.616667	-1.483333 -2.13E+01 -1.90E+01	09:49.7	34620.04 -1.90E+01
12/31/02 8:10:20	34650.002	9.625001	-1.474999 -2.14E+01 -1.90E+01	10:19.7	34650.04 -1.90E+01
12/31/02 8:10:50	34680.002	9.633334	-1.466666 -2.13E+01 -1.90E+01	10:49.7	34680.04 -1.90E+01
12/31/02 8:11:20	34710.002	9.641667	-1.458333 -2.12E+01 -1.90E+01	11:19.7	34710.04 -1.90E+01
12/31/02 8:11:50	34740.002	9.650001	-1.449999 -2.13E+01 -1.90E+01	11:49.7	34740.04 -1.90E+01
12/31/02 8:12:20	34770.002	9.658334	-1.441666 -2.13E+01 -1.90E+01	12:19.7	34770.04 -1.90E+01
12/31/02 8:12:50	34800.002	9.666667	-1.433333 -2.14E+01 -1.90E+01	12:49.7	34800.04 -1.90E+01
12/31/02 8:13:20	34830.002	9.675001	-1.424999 -2.13E+01 -1.90E+01	13:19.7	34830.04 -1.90E+01
12/31/02 8:13:50	34860.002	9.683334	-1.416666 -2.13E+01 -1.90E+01	13:49.7	34860.04 -1.90E+01
12/31/02 8:14:20	34890.002	9.691667	-1.408333 -2.14E+01 -1.91E+01	14:19.7	34890.04 -1.91E+01
12/31/02 8:14:50	34920.002	9.700001	-1.399999 -2.14E+01 -1.91E+01	14:49.7	34920.04 -1.91E+01
12/31/02 8:15:20	34950.002	9.708334	-1.391666 -2.14E+01 -1.91E+01	15:19.7	34950.04 -1.91E+01
12/31/02 8:15:50	34980.002	9.716667	-1.383333 -2.14E+01 -1.91E+01	15:49.7	34980.04 -1.91E+01
12/31/02 8:16:20	35010.002	9.725001	-1.374999 -2.14E+01 -1.91E+01	16:19.7	35010.04 -1.91E+01
12/31/02 8:16:50	35040.002	9.733334	-1.366666 -2.15E+01 -1.91E+01	16:49.7	35040.04 -1.91E+01
12/31/02 8:17:20	35070.002	9.741667	-1.358333 -2.14E+01 -1.91E+01	17:19.7	35070.04 -1.91E+01
12/31/02 8:17:50	35100.002	9.750001	-1.349999 -2.14E+01 -1.91E+01	17:49.7	35100.04 -1.91E+01
12/31/02 8:18:20	35130.002	9.758334	-1.341666 -2.14E+01 -1.91E+01	18:19.7	35130.04 -1.91E+01
12/31/02 8:18:50	35160.002	9.766667	-1.333333 -2.14E+01 -1.91E+01	18:49.7	35160.04 -1.91E+01
12/31/02 8:19:20	35190.002	9.775001	-1.324999 -2.14E+01 -1.91E+01	19:19.7	35190.04 -1.91E+01
12/31/02 8:19:50	35220.002	9.783334	-1.316666 -2.15E+01 -1.91E+01	19:49.7	35220.04 -1.91E+01
12/31/02 8:20:20	35250.002	9.791667	-1.308333 -2.14E+01 -1.92E+01	20:19.7	35250.04 -1.92E+01
12/31/02 8:20:50	35280.002	9.800001	-1.299999 -2.14E+01 -1.92E+01	20:49.7	35280.04 -1.92E+01
12/31/02 8:21:20	35310.002	9.808334	-1.291666 -2.14E+01 -1.92E+01	21:19.7	35310.04 -1.92E+01
12/31/02 8:21:50	35340.002	9.816667	-1.283333 -2.14E+01 -1.92E+01	21:49.7	35340.04 -1.92E+01
12/31/02 8:22:20	35370.002	9.825001	-1.274999 -2.15E+01 -1.92E+01	22:19.7	35370.04 -1.92E+01
12/31/02 8:22:50	35400.002	9.833334	-1.266666 -2.15E+01 -1.92E+01	22:49.7	35400.04 -1.92E+01
12/31/02 8:23:20	35430.002	9.841667	-1.258333 -2.15E+01 -1.92E+01	23:19.7	35430.04 -1.92E+01
12/31/02 8:23:50	35460.002	9.850001	-1.249999 -2.15E+01 -1.92E+01	23:49.7	35460.04 -1.92E+01
12/31/02 8:24:20	35490.002	9.858334	-1.241666 -2.15E+01 -1.92E+01	24:19.7	35490.04 -1.92E+01
12/31/02 8:24:50	35520.002	9.866667	-1.233333 -2.15E+01 -1.92E+01	24:49.7	35520.04 -1.92E+01
12/31/02 8:25:20	35550.002	9.875001	-1.224999 -2.15E+01 -1.92E+01	25:19.7	35550.04 -1.92E+01
12/31/02 8:25:50	35580.002	9.883334	-1.216666 -2.15E+01 -1.92E+01	25:49.7	35580.04 -1.92E+01
12/31/02 8:26:20	35610.002	9.891667	-1.208333 -2.15E+01 -1.92E+01	26:19.7	35610.04 -1.92E+01
12/31/02 8:26:50	35640.002	9.900001	-1.199999 -2.14E+01 -1.92E+01	26:49.7	35640.04 -1.92E+01
12/31/02 8:27:20	35670.002	9.908334	-1.191666 -2.15E+01 -1.92E+01	27:19.7	35670.04 -1.92E+01
12/31/02 8:27:50	35700.002	9.916667	-1.183333 -2.15E+01 -1.92E+01	27:49.7	35700.04 -1.92E+01
12/31/02 8:28:20	35730.002	9.925001	-1.174999 -2.15E+01 -1.93E+01	28:19.7	35730.04 -1.93E+01
12/31/02 8:28:50	35760.002	9.933334	-1.166666 -2.15E+01 -1.93E+01	28:49.7	35760.04 -1.93E+01
12/31/02 8:29:20	35790.002	9.941667	-1.158333 -2.15E+01 -1.93E+01	29:19.7	35790.04 -1.93E+01
12/31/02 8:29:50	35820.002	9.950001	-1.149999 -2.15E+01 -1.93E+01	29:49.7	35820.04 -1.93E+01
12/31/02 8:30:20	35850.002	9.958334	-1.141666 -2.15E+01 -1.93E+01	30:19.7	35850.04 -1.93E+01
12/31/02 8:30:50	35880.002	9.966667	-1.133333 -2.15E+01 -1.93E+01	30:49.7	35880.04 -1.93E+01
12/31/02 8:31:20	35910.002	9.975001	-1.124999 -2.15E+01 -1.93E+01	31:19.7	35910.04 -1.93E+01
12/31/02 8:31:50	35940.002	9.983334	-1.116666 -2.15E+01 -1.93E+01	31:49.7	35940.04 -1.93E+01
12/31/02 8:32:20	35970.002	9.991667	-1.108333 -2.15E+01 -1.93E+01	32:19.7	35970.04 -1.93E+01
12/31/02 8:32:50	36000.002	10.000001	-1.099999 -2.15E+01 -1.93E+01	32:49.7	36000.04 -1.93E+01
12/31/02 8:33:20	36030.002	10.008334	-1.091666 -2.15E+01 -1.93E+01	33:19.7	36030.04 -1.93E+01
12/31/02 8:33:50	36060.002	10.016667	-1.083333 -2.15E+01 -1.93E+01	33:49.7	36060.04 -1.93E+01
12/31/02 8:34:20	36090.002	10.025001	-1.074999 -2.15E+01 -1.93E+01	34:19.7	36090.04 -1.93E+01
12/31/02 8:34:50	36120.002	10.033334	-1.066666 -2.15E+01 -1.94E+01	34:49.7	36120.04 -1.94E+01
12/31/02 8:35:20	36150.002	10.041667	-1.058333 -2.15E+01 -1.93E+01	35:19.7	36150.04 -1.93E+01
12/31/02 8:35:50	36180.002	10.050001	-1.049999 -2.15E+01 -1.93E+01	35:49.7	36180.04 -1.93E+01
12/31/02 8:36:20	36210.002	10.058334	-1.041666 -2.15E+01 -1.94E+01	36:19.7	36210.04 -1.94E+01
12/31/02 8:36:50	36240.002	10.066667	-1.033333 -2.16E+01 -1.93E+01	36:49.7	36240.04 -1.93E+01
12/31/02 8:37:20	36270.002	10.075001	-1.024999 -2.15E+01 -1.93E+01	37:19.7	36270.04 -1.93E+01
12/31/02 8:37:50	36300.002	10.083334	-1.016666 -2.15E+01 -1.94E+01	37:49.7	36300.04 -1.94E+01
12/31/02 8:38:20	36330.002	10.091667	-1.008333 -2.15E+01 -1.94E+01	38:19.7	36330.04 -1.94E+01
12/31/02 8:38:50	36360.002	10.100001	-0.999999 -2.15E+01 -1.94E+01	38:49.7	36360.04 -1.94E+01
12/31/02 8:39:20	36390.002	10.108334	-0.991666 -2.15E+01 -1.94E+01	39:19.7	36390.04 -1.94E+01
12/31/02 8:39:50	36420.002	10.116667	-0.983333 -2.15E+01 -1.94E+01	39:49.7	36420.04 -1.94E+01
12/31/02 8:40:20	36450.002	10.125001	-0.974999 -2.16E+01 -1.94E+01	40:19.7	36450.04 -1.94E+01
12/31/02 8:40:50	36480.002	10.133334	-0.966666 -2.16E+01 -1.94E+01	40:49.7	36480.04 -1.94E+01
12/31/02 8:41:20	36510.002	10.141667	-0.958333 -2.15E+01 -1.94E+01	41:19.7	36510.04 -1.94E+01
12/31/02 8:41:50	36540.002	10.150001	-0.949999 -2.16E+01 -1.94E+01	41:49.7	36540.04 -1.94E+01
12/31/02 8:42:20	36570.002	10.158334	-0.941666 -2.16E+01 -1.94E+01	42:19.7	36570.04 -1.94E+01
12/31/02 8:42:50	36600.002	10.166667	-0.933333 -2.16E+01 -1.94E+01	42:49.7	36600.04 -1.94E+01
12/31/02 8:43:20	36630.002	10.175001	-0.924999 -2.16E+01 -1.94E+01	43:19.7	36630.04 -1.94E+01
12/31/02 8:43:50	36660.002	10.183334	-0.916666 -2.16E+01 -1.94E+01	43:49.7	36660.04 -1.94E+01
12/31/02 8:44:20	36690.002	10.191667	-0.908333 -2.16E+01 -1.94E+01	44:19.7	36690.04 -1.94E+01
12/31/02 8:44:50	36720.002	10.200001	-0.899999 -2.15E+01 -1.94E+01	44:49.7	36720.04 -1.94E+01
12/31/02 8:45:20	36750.002	10.208334	-0.891666 -2.16E+01 -1.94E+01	45:19.7	36750.04 -1.94E+01
12/31/02 8:45:50	36780.002	10.216667	-0.883333 -2.16E+01 -1.94E+01	45:49.7	36780.04 -1.94E+01
12/31/02 8:46:20	36810.002	10.225001	-0.874999 -2.16E+01 -1.94E+01	46:19.7	36810.04 -1.94E+01
12/31/02 8:46:					

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12/31/02 8:51:50	37140.002	10.316667	-0.783333	-2.16E+01	-1.95E+01	51.497	37140.04	-1.95E+01
12/31/02 8:52:20	37170.002	10.325001	-0.774999	-2.16E+01	-1.95E+01	52.197	37170.04	-1.95E+01
12/31/02 8:52:50	37200.002	10.333334	-0.766666	-2.16E+01	-1.95E+01	52.497	37200.04	-1.95E+01
12/31/02 8:53:20	37230.002	10.341667	-0.758333	-2.16E+01	-1.95E+01	53.197	37230.04	-1.95E+01
12/31/02 8:53:50	37260.002	10.350001	-0.749999	-2.16E+01	-1.95E+01	53.497	37260.04	-1.95E+01
12/31/02 8:54:20	37290.002	10.358334	-0.741666	-2.16E+01	-1.95E+01	54.197	37290.04	-1.95E+01
12/31/02 8:54:50	37320.002	10.366667	-0.733333	-2.17E+01	-1.95E+01	54.497	37320.04	-1.95E+01
12/31/02 8:55:20	37350.002	10.375001	-0.724999	-2.17E+01	-1.95E+01	55.197	37350.04	-1.95E+01
12/31/02 8:55:50	37380.002	10.383334	-0.716666	-2.16E+01	-1.95E+01	55.497	37380.04	-1.95E+01
12/31/02 8:56:20	37410.002	10.391667	-0.708333	-2.16E+01	-1.95E+01	56.197	37410.04	-1.95E+01
12/31/02 8:56:50	37440.002	10.400001	-0.699999	-2.17E+01	-1.95E+01	56.497	37440.04	-1.95E+01
12/31/02 8:57:20	37470.002	10.408334	-0.691666	-2.16E+01	-1.95E+01	57.197	37470.04	-1.95E+01
12/31/02 8:57:50	37500.002	10.416667	-0.683333	-2.16E+01	-1.95E+01	57.497	37500.04	-1.95E+01
12/31/02 8:58:20	37530.002	10.425001	-0.674999	-2.16E+01	-1.95E+01	58.197	37530.04	-1.95E+01
12/31/02 8:58:50	37560.002	10.433334	-0.666666	-2.16E+01	-1.95E+01	58.497	37560.04	-1.95E+01
12/31/02 8:59:20	37590.002	10.441667	-0.658333	-2.16E+01	-1.95E+01	59.197	37590.04	-1.95E+01
12/31/02 8:59:50	37620.002	10.450001	-0.649999	-2.16E+01	-1.95E+01	59.497	37620.04	-1.95E+01
12/31/02 9:00:20	37650.002	10.458334	-0.641666	-2.16E+01	-1.95E+01	60.197	37650.04	-1.95E+01
12/31/02 9:00:50	37680.002	10.466667	-0.633333	-2.17E+01	-1.96E+01	60.497	37680.04	-1.95E+01
12/31/02 9:01:20	37710.002	10.475001	-0.624999	-2.16E+01	-1.95E+01	61.197	37710.04	-1.95E+01
12/31/02 9:01:50	37740.002	10.483334	-0.616666	-2.16E+01	-1.95E+01	61.497	37740.04	-1.95E+01
12/31/02 9:02:20	37770.002	10.491667	-0.608333	-2.16E+01	-1.96E+01	62.197	37770.04	-1.96E+01
12/31/02 9:02:50	37800.002	10.500001	-0.599999	-2.16E+01	-1.95E+01	62.497	37800.04	-1.95E+01
12/31/02 9:03:20	37830.002	10.508334	-0.591666	-2.17E+01	-1.96E+01	63.197	37830.04	-1.96E+01
12/31/02 9:03:50	37860.002	10.516667	-0.583333	-2.17E+01	-1.95E+01	63.497	37860.04	-1.95E+01
12/31/02 9:04:20	37890.002	10.525001	-0.574999	-2.17E+01	-1.95E+01	64.197	37890.04	-1.95E+01
12/31/02 9:04:50	37920.002	10.533334	-0.566666	-2.17E+01	-1.96E+01	64.497	37920.04	-1.96E+01
12/31/02 9:05:20	37950.002	10.541667	-0.558333	-2.17E+01	-1.96E+01	65.197	37950.04	-1.96E+01
12/31/02 9:05:50	37980.002	10.550001	-0.549999	-2.17E+01	-1.96E+01	65.497	37980.04	-1.96E+01
12/31/02 9:06:20	38010.002	10.558334	-0.541666	-2.17E+01	-1.96E+01	66.197	38010.04	-1.96E+01
12/31/02 9:06:50	38040.002	10.566667	-0.533333	-2.17E+01	-1.96E+01	66.497	38040.04	-1.96E+01
12/31/02 9:07:20	38070.002	10.575001	-0.524999	-2.17E+01	-1.96E+01	67.197	38070.04	-1.96E+01
12/31/02 9:07:50	38100.002	10.583334	-0.516666	-2.17E+01	-1.96E+01	67.497	38100.04	-1.96E+01
12/31/02 9:08:20	38130.002	10.591667	-0.508333	-2.16E+01	-1.96E+01	68.197	38130.04	-1.96E+01
12/31/02 9:08:50	38160.002	10.600001	-0.499999	-2.17E+01	-1.96E+01	68.497	38160.04	-1.96E+01
12/31/02 9:09:20	38190.002	10.608334	-0.491666	-2.17E+01	-1.96E+01	69.197	38190.04	-1.96E+01
12/31/02 9:09:50	38220.002	10.616667	-0.483333	-2.17E+01	-1.96E+01	69.497	38220.04	-1.96E+01
12/31/02 9:10:20	38250.002	10.625001	-0.474999	-2.17E+01	-1.96E+01	70.197	38250.04	-1.96E+01
12/31/02 9:10:50	38280.002	10.633334	-0.466666	-2.17E+01	-1.96E+01	70.497	38280.04	-1.96E+01
12/31/02 9:11:20	38310.002	10.641667	-0.458333	-2.17E+01	-1.96E+01	71.197	38310.04	-1.96E+01
12/31/02 9:11:50	38340.002	10.650001	-0.449999	-2.17E+01	-1.96E+01	71.497	38340.04	-1.96E+01
12/31/02 9:12:20	38370.002	10.658334	-0.441666	-2.16E+01	-1.96E+01	72.197	38370.04	-1.96E+01
12/31/02 9:12:50	38400.002	10.666667	-0.433333	-2.17E+01	-1.96E+01	72.497	38400.04	-1.96E+01
12/31/02 9:13:20	38430.002	10.675001	-0.424999	-2.17E+01	-1.96E+01	73.197	38430.04	-1.96E+01
12/31/02 9:13:50	38460.002	10.683334	-0.416666	-2.17E+01	-1.96E+01	73.497	38460.04	-1.96E+01
12/31/02 9:14:20	38490.002	10.691667	-0.408333	-2.17E+01	-1.96E+01	74.197	38490.04	-1.96E+01
12/31/02 9:14:50	38520.002	10.700001	-0.399999	-2.17E+01	-1.96E+01	74.497	38520.04	-1.96E+01
12/31/02 9:15:20	38550.002	10.708334	-0.391666	-2.16E+01	-1.96E+01	75.197	38550.04	-1.96E+01
12/31/02 9:15:50	38580.002	10.716667	-0.383333	-2.16E+01	-1.96E+01	75.497	38580.04	-1.96E+01
12/31/02 9:16:20	38610.002	10.725001	-0.374999	-2.17E+01	-1.96E+01	76.197	38610.04	-1.96E+01
12/31/02 9:16:50	38640.002	10.733334	-0.366666	-2.17E+01	-1.96E+01	76.497	38640.04	-1.96E+01
12/31/02 9:17:20	38670.002	10.741667	-0.358333	-2.17E+01	-1.96E+01	77.197	38670.04	-1.96E+01
12/31/02 9:17:50	38700.002	10.750001	-0.349999	-2.16E+01	-1.96E+01	77.497	38700.04	-1.96E+01
12/31/02 9:18:20	38730.002	10.758334	-0.341666	-2.16E+01	-1.96E+01	78.197	38730.04	-1.96E+01
12/31/02 9:18:50	38760.002	10.766667	-0.333333	-2.16E+01	-1.96E+01	78.497	38760.04	-1.96E+01
12/31/02 9:19:20	38790.002	10.775001	-0.324999	-2.16E+01	-1.96E+01	79.197	38790.04	-1.96E+01
12/31/02 9:19:50	38820.002	10.783334	-0.316666	-2.16E+01	-1.96E+01	79.497	38820.04	-1.96E+01
12/31/02 9:20:20	38850.002	10.791667	-0.308333	-2.16E+01	-1.96E+01	80.197	38850.04	-1.96E+01
12/31/02 9:20:50	38880.002	10.800001	-0.299999	-2.17E+01	-1.97E+01	80.497	38880.04	-1.97E+01
12/31/02 9:21:20	38910.002	10.808334	-0.291666	-2.17E+01	-1.97E+01	81.197	38910.04	-1.97E+01
12/31/02 9:21:50	38940.002	10.816667	-0.283333	-2.16E+01	-1.97E+01	81.497	38940.04	-1.97E+01
12/31/02 9:22:20	38970.002	10.825001	-0.274999	-2.16E+01	-1.96E+01	82.197	38970.04	-1.96E+01
12/31/02 9:22:50	39000.002	10.833334	-0.266666	-2.01E+01	-1.87E+01	82.497	39000.04	-1.87E+01
12/31/02 9:23:20	39030.002	10.841667	-0.258333	-1.42E+01	-1.89E+01	83.197	39030.04	-1.89E+01
12/31/02 9:23:50	39060.002	10.850001	-0.249999	-1.20E+01	-1.48E+01	83.497	39060.04	-1.48E+01
12/31/02 9:24:20	39090.002	10.858334	-0.241666	-6.72E+00	-1.21E+01	84.197	39090.04	-1.21E+01
12/31/02 9:24:50	39120.002	10.866667	-0.233333	2.58E+01	6.79E+01	84.497	39120.04	6.79E+01
12/31/02 9:25:20	39150.002	10.875001	-0.224999	1.16E+01	-1.83E+00	85.197	39150.04	-1.83E+00
12/31/02 9:25:50	39180.002	10.883334	-0.216666	7.48E+00	-2.95E+00	85.497	39180.04	-2.95E+00
12/31/02 9:26:20	39210.002	10.891667	-0.208333	7.18E+00	-3.05E+00	86.197	39210.04	-3.05E+00
12/31/02 9:26:50	39240.002	10.900001	-0.199999	8.04E+00	-2.21E+00	86.497	39240.04	-2.21E+00
12/31/02 9:27:20	39270.002	10.908334	-0.191666	8.38E+00	-1.26E+00	87.197	39270.04	-1.26E+00
12/31/02 9:27:50	39300.002	10.916667	-0.183333	8.71E+00	-4.96E-01	87.497	39300.04	-4.96E-01
12/31/02 9:28:20	39330.002	10.925001	-0.174999	8.84E+00	2.93E-01	88.197	39330.04	2.93E-01
12/31/02 9:28:50	39360.002	10.933334	-0.166666	8.99E+00	8.48E-01	88.497	39360.04	8.48E-01
12/31/02 9:29:20	39390.002	10.941667	-0.158333	9.15E+00	1.42E+00	89.197	39390.04	1.42E+00
12/31/02 9:29:50	39420.002	10.950001	-0.149999	9.12E+00	1.81E+00	89.497	39420.04	1.81E+00
12/31/02 9:30:20	39450.002	10.958334	-0.141666	9.22E+00	2.15E+00	90.197	39450.04	2.15E+00
12/31/02 9:30:50	39480.002	10.966667	-0.133333	9.26E+00	2.80E+00	90.497	39480.04	2.80E+00
12/31/02 9:31:20	39510.002	10.975001	-0.124999	9.26E+00	2.87E+00	91.197	39510.04	2.87E+00
12/31/02 9:31:50	39540.002	10.983334	-0.116666	9.29E+00	3.15E+00	91.497	39540.04	3.15E+00
12/31/02 9:32:20	39570.002	10.991667	-0.108333	9.33E+00	3.35E+00	92.197	39570.04	3.35E+00
12/31/02 9:32:50	39600.002	11.000001	-0.099999	9.37E+00	3.57E+00	92.497	39600.04	3.57E+00
12/31/02 9:33:20	39630.002	11.008334	-0.091666	9.36E+00	3.81E+00	93.197	39630.04	3.81E+00
12/31/02 9:33:50	39660.002	11.016667	-0.083333	9.47E+00	3.98E+00	93.497	39660.04	3.98E+00
12/31/02 9:34:20	39690.002	11.025001	-0.074999	9.50E+00	4.15E+00	94.197	39690.04	4.15E+00
12/31/02 9:34:50	39720.002	11.033334	-0.066666	9.64E+00	4.30E+00	94.497	39720.04	4.30E+00
12/31/02 9:35:20	39750.002	11.041667	-0.058333	9.67E+00	4.41E+00	95.197	39750.04	4.41E+00
12/31/02 9:35:50	39780.002	11.050001	-0.049999	9.66E+00	4.50E+00	95.497	39780.04	4.50E+00
12/31/02 9:36:20	39810.002	11.058334	-0.041666	9.73E+00	4.82E+00	96.197	39810.04	4.82E+00
12/31/02 9:36:50	39840.002	11.066667	-0.033333	9.81E+00	4.87E+00	96.497	39840.04	4.87E+00
12/31/02 9:37:20	39870.002	11.075001	-0.024999	9.80E+00	4.80E+00	97.197	39870.04	4.80E+00
12/31/02 9:37:50	39900.002	11.083334	-0.016666	9.81E+00	4.78E+00	97.497	39900.04	4.78E+00
12/31/02 9:38:20	39930.002	11.091667	-0.008333	9.85E+00	4.84E+00	98.197	39930.04	4.84E+00
12/31/02 9:38:50	39960.002	11.100001	0.000001	9.80E+00	4.78E+00	98.497</		

THERMALSHOCKSHORTTERM

950	0.263889	408.0280091	3.80E-10	2.82E-10	-6.11E-10	12/31/02 9:48:20	40530.002	11.258334	0.158334	9.71E+00	5.00E+00	48.19.7	40530.04	5.00E+00
1000	0.277778	408.0280089	3.74E-10	2.80E-10	-6.29E-10	12/31/02 9:48:50	40560.002	11.266667	0.166667	9.68E+00	5.14E+00	48.49.7	40560.04	5.14E+00
1050	0.291667	408.0280087	3.63E-10	1.75E-10	-6.70E-10	12/31/02 9:49:20	40590.002	11.275001	0.175001	9.63E+00	5.11E+00	49.19.7	40590.04	5.11E+00
1100	0.305556	408.0280085	3.79E-10	2.57E-10	-6.12E-10	12/31/02 9:49:50	40620.002	11.283334	0.183334	9.49E+00	5.12E+00	49.49.7	40620.04	5.12E+00
1150	0.319444	408.0280083	3.78E-10	2.79E-10	-5.72E-10	12/31/02 9:50:20	40650.002	11.291667	0.191667	9.34E+00	5.04E+00	50.19.7	40650.04	5.04E+00
1200	0.333333	408.0280082	3.98E-10	3.47E-10	-4.98E-10	12/31/02 9:50:50	40680.002	11.300001	0.200001	9.30E+00	5.04E+00	50.49.7	40680.04	5.04E+00
1250	0.347222	408.0280080	4.32E-10	3.36E-10	-4.38E-10	12/31/02 9:51:20	40710.002	11.308334	0.208334	9.27E+00	5.11E+00	51.19.7	40710.04	5.11E+00
1300	0.361111	408.0280078	4.05E-10	2.58E-10	-4.11E-10	12/31/02 9:51:50	40740.002	11.316667	0.216667	9.23E+00	5.08E+00	51.49.7	40740.04	5.08E+00
1350	0.375	408.0280076	4.09E-10	2.56E-10	-4.01E-10	12/31/02 9:52:20	40770.002	11.325001	0.225001	9.25E+00	5.20E+00	52.19.7	40770.04	5.20E+00
1400	0.388889	408.0280075	4.01E-10	2.57E-10	-3.95E-10	12/31/02 9:52:50	40800.002	11.333334	0.233334	9.28E+00	5.23E+00	52.49.7	40800.04	5.23E+00
1450	0.402778	408.0280074	3.84E-10	2.65E-10	-4.02E-10	12/31/02 9:53:20	40830.002	11.341667	0.241667	9.31E+00	5.30E+00	53.19.7	40830.04	5.30E+00
1500	0.416667	408.0280072	3.84E-10	2.82E-10	-3.87E-10	12/31/02 9:53:50	40860.002	11.350001	0.250001	9.33E+00	5.40E+00	53.49.7	40860.04	5.40E+00
1550	0.430556	408.0280071	4.17E-10	3.28E-10	-3.86E-10	12/31/02 9:54:20	40890.002	11.358334	0.258334	9.42E+00	5.49E+00	54.19.7	40890.04	5.49E+00
1600	0.444444	408.0280070	4.16E-10	3.39E-10	-3.24E-10	12/31/02 9:54:50	40920.002	11.366667	0.266667	9.45E+00	5.63E+00	54.49.7	40920.04	5.63E+00
1650	0.458333	408.0280069	4.10E-10	2.55E-10	-2.55E-10	12/31/02 9:55:20	40950.002	11.375001	0.275001	9.48E+00	5.68E+00	55.19.7	40950.04	5.68E+00
1700	0.472222	408.0280068	3.93E-10	4.03E-10	-1.40E-10	12/31/02 9:55:50	40980.002	11.383334	0.283334	9.51E+00	5.80E+00	55.49.7	40980.04	5.80E+00
1750	0.486111	408.0280066	3.26E-10	2.80E-10	-4.98E-12	12/31/02 9:56:20	41010.002	11.391667	0.291667	9.58E+00	5.97E+00	56.19.7	41010.04	5.97E+00
1800	0.5	408.0280065	3.45E-10	2.90E-10	-4.49E-12	12/31/02 9:56:50	41040.002	11.400001	0.300001	9.63E+00	6.14E+00	56.49.7	41040.04	6.14E+00
1850	0.513889	408.0280064	3.59E-10	2.35E-10	-6.85E-11	12/31/02 9:57:20	41070.002	11.408334	0.308334	9.63E+00	6.28E+00	57.19.7	41070.04	6.28E+00
1900	0.527778	408.0280063	3.54E-10	2.18E-10	7.41E-11	12/31/02 9:57:50	41100.002	11.416667	0.316667	9.61E+00	6.31E+00	57.49.7	41100.04	6.31E+00
1950	0.541667	408.0280062	3.73E-10	2.21E-10	3.98E-11	12/31/02 9:58:20	41130.002	11.425001	0.325001	9.52E+00	6.42E+00	58.19.7	41130.04	6.42E+00
2000	0.555556	408.0280061	3.74E-10	2.21E-10	3.35E-11	12/31/02 9:58:50	41160.002	11.433334	0.333334	9.40E+00	6.42E+00	58.49.7	41160.04	6.42E+00
2050	0.569444	408.0280060	3.83E-10	2.26E-10	4.86E-11	12/31/02 9:59:20	41190.002	11.441667	0.341667	9.35E+00	6.49E+00	59.19.7	41190.04	6.49E+00
2100	0.583333	408.0280059	3.94E-10	1.93E-10	2.71E-11	12/31/02 9:59:50	41220.002	11.450001	0.350001	9.29E+00	6.50E+00	59.49.7	41220.04	6.50E+00
2150	0.597222	408.0280058	4.02E-10	2.17E-10	4.96E-11	12/31/02 10:00:20	41250.002	11.458334	0.358334	9.31E+00	6.58E+00	60.19.7	41250.04	6.58E+00
2200	0.611111	408.0280057	4.22E-10	2.37E-10	3.47E-11	12/31/02 10:00:50	41280.002	11.466667	0.366667	9.30E+00	6.68E+00	60.49.7	41280.04	6.68E+00
2250	0.625	408.0280056	4.39E-10	2.34E-10	2.59E-11	12/31/02 10:01:20	41310.002	11.475001	0.375001	9.32E+00	6.77E+00	61.19.7	41310.04	6.77E+00
2300	0.638889	408.0280055	4.36E-10	2.31E-10	3.45E-11	12/31/02 10:01:50	41340.002	11.483334	0.383334	9.38E+00	6.89E+00	61.49.7	41340.04	6.89E+00
2350	0.652778	408.0280054	4.24E-10	1.89E-10	5.87E-11	12/31/02 10:02:20	41370.002	11.491667	0.391667	9.41E+00	6.99E+00	62.19.7	41370.04	6.99E+00
2400	0.666667	408.0280053	4.40E-10	1.71E-10	4.22E-11	12/31/02 10:02:50	41400.002	11.500001	0.400001	9.44E+00	7.05E+00	62.49.7	41400.04	7.05E+00
2450	0.680556	408.0280052	4.37E-10	1.85E-10	9.66E-12	12/31/02 10:03:20	41430.002	11.508334	0.408334	9.47E+00	7.18E+00	63.19.7	41430.04	7.18E+00
2500	0.694444	408.0280051	4.31E-10	1.50E-10	-1.67E-11	12/31/02 10:03:50	41460.002	11.516667	0.416667	9.50E+00	7.24E+00	63.49.7	41460.04	7.24E+00
2550	0.708333	408.0280050	4.07E-10	1.71E-10	-1.34E-12	12/31/02 10:04:20	41490.002	11.525001	0.425001	9.52E+00	7.30E+00	64.19.7	41490.04	7.30E+00
2600	0.722222	408.0280049	3.88E-10	1.77E-10	-1.06E-11	12/31/02 10:04:50	41520.002	11.533334	0.433334	9.52E+00	7.38E+00	64.49.7	41520.04	7.38E+00
2650	0.736111	408.0280048	3.68E-10	2.12E-10	-2.39E-11	12/31/02 10:05:20	41550.002	11.541667	0.441667	9.50E+00	7.44E+00	65.19.7	41550.04	7.44E+00
2700	0.75	408.0280047	3.52E-10	1.89E-10	-6.90E-11	12/31/02 10:05:50	41580.002	11.550001	0.450001	9.57E+00	7.60E+00	65.49.7	41580.04	7.60E+00
2750	0.763889	408.0280046	3.31E-10	1.90E-10	-9.92E-11	12/31/02 10:06:20	41610.002	11.558334	0.458334	9.53E+00	7.64E+00	66.19.7	41610.04	7.64E+00
2800	0.777778	408.0280045	3.37E-10	2.70E-10	-6.44E-11	12/31/02 10:06:50	41640.002	11.566667	0.466667	9.47E+00	7.70E+00	66.49.7	41640.04	7.70E+00
2850	0.791667	408.0280044	3.32E-10	3.19E-10	-2.78E-11	12/31/02 10:07:20	41670.002	11.575001	0.475001	9.42E+00	7.76E+00	67.19.7	41670.04	7.76E+00
2900	0.805556	408.0280043	3.32E-10	3.32E-10	2.52E-11	12/31/02 10:07:50	41700.002	11.583334	0.483334	9.45E+00	7.79E+00	67.49.7	41700.04	7.79E+00
2950	0.819444	408.0280042	3.20E-10	3.45E-10	8.33E-11	12/31/02 10:08:20	41730.002	11.591667	0.491667	9.39E+00	7.84E+00	68.19.7	41730.04	7.84E+00
3000	0.833333	408.0280041	3.29E-10	3.45E-10	1.01E-10	12/31/02 10:08:50	41760.002	11.600001	0.500001	9.41E+00	7.88E+00	68.49.7	41760.04	7.88E+00
3050	0.847222	408.0280040	3.15E-10	2.38E-10	1.68E-10	12/31/02 10:09:20	41790.002	11.608334	0.508334	9.42E+00	7.93E+00	69.19.7	41790.04	7.93E+00
3100	0.861111	408.0280039	3.51E-10	2.18E-10	1.75E-10	12/31/02 10:09:50	41820.002	11.616667	0.516667	9.45E+00	7.98E+00	69.49.7	41820.04	7.98E+00
3150	0.875	408.0280038	3.45E-10	2.48E-10	1.45E-10	12/31/02 10:10:20	41850.002	11.625001	0.525001	9.44E+00	8.01E+00	70.19.7	41850.04	8.01E+00
3200	0.888889	408.0280037	3.51E-10	2.73E-10	9.88E-11	12/31/02 10:10:50	41880.002	11.633334	0.533334	9.49E+00	8.08E+00	70.49.7	41880.04	8.08E+00
3250	0.902778	408.0280036	3.54E-10	1.40E-10	3.59E-11	12/31/02 10:11:20	41910.002	11.641667	0.541667	9.48E+00	8.08E+00	71.19.7	41910.04	8.08E+00
3300	0.916667	408.0280035	3.61E-10	2.08E-10	6.42E-11	12/31/02 10:11:50	41940.002	11.650001	0.550001	9.49E+00	8.15E+00	71.49.7	41940.04	8.15E+00
3350	0.930556	408.0280034	3.75E-10	2.49E-10	9.40E-11	12/31/02 10:12:20	41970.002	11.658334	0.558334	9.51E+00	8.20E+00	72.19.7	41970.04	8.20E+00
3400	0.944444	408.0280033	3.80E-10	2.51E-10	8.78E-11	12/31/02 10:12:50	42000.002	11.666667	0.566667	9.48E+00	8.25E+00	72.49.7	42000.04	8.25E+00
3450	0.958333	408.0280032	3.80E-10	2.73E-10	1.28E-10	12/31/02 10:13:20	42030.002	11.675001	0.575001	9.48E+00	8.27E+00	73.19.7	42030.04	8.27E+00
3500	0.972222	408.0280031	3.76E-10	3.11E-10	1.97E-10	12/31/02 10:13:50	42060.002	11.683334	0.583334	9.43E+00	8.32E+00	73.49.7	42060.04	8.32E+00
3550	0.986111	408.0280030	3.75E-10	2.47E-10	2.60E-10	12/31/02 10:14:20	42090.002	11.691667	0.591667	9.39E+00	8.34E+00	74.19.7	42090.04	8.34E+00
3600	1	408.0280029	3.40E-10	2.41E-10	2.64E-10	12/31/02 10:14:50	42120.002	11.700001	0.600001	9.37E+00	8.39E+00	74.49.7	42120.04	8.39E+00
3650	1.013889	408.0280028	3.43E-10	2.79E-10	2.79E-10	12/31/02 10:15:20	42150.002	11.708334	0.608334	9.39E+00	8.45E+00	75.19.7	42150.04	8.45E+00
3700	1.027778	408.0280027	3.28E-10	2.34E-10	2.82E-10	12/31/02 10:15:50	42180.002	11.716667	0.616667	9.41E+00	8.49E+00	75.49.7	42180.04	8.49E+00
3750	1.041667	408.0280026	3.25E-10	2.62E-10	3.01E-10	12/31/02 10:16:20	42210.002	11.725001	0.625001	9.43E+00	8.51E+00	76.19.7	42210.04	8.51E+00
3800	1.055556	408.0280025	3.04E-10	3.04E-10	3.76E-10	12/31/02 10:16:50	42240.002	11.733334	0.633334	9.43E+00	8.57E+00	76.49.7	42240.04	8.57E+00
3850	1.069444	408.0280024	2.93E-10	2.61E-10	4.27E-10	12/31/02 10:17:20	42270.002	11.741667	0.641667	9.46E+00	8.62E+00	77.19.7	42270.04	8.62E+00
3900	1.083333	408.0280023</												

THERMALSHOCKSHORTTERM

6600	1.833333	406.0280196	3.42E-10	1.81E-10	3.93E-10	12/31/02 10:44:50	43920.002	12.200001	1.100001	9.50E+00	9.88E+00	44.49.7	43920.04	9.88E+00
6650	1.847222	406.0280198	3.36E-10	3.91E-10	4.71E-10	12/31/02 10:45:20	43950.002	12.208334	1.108334	9.45E+00	9.89E+00	45.19.7	43950.04	9.89E+00
6700	1.861111	406.02802	3.72E-10	5.27E-10	6.03E-10	12/31/02 10:45:50	43980.002	12.216667	1.116667	9.40E+00	9.88E+00	45.49.7	43980.04	9.88E+00
6750	1.875	406.0280202	3.79E-10	5.39E-10	6.65E-10	12/31/02 10:46:20	44010.002	12.225001	1.125001	9.35E+00	9.87E+00	46.19.7	44010.04	9.87E+00
6800	1.888889	406.0280205	3.93E-10	5.22E-10	7.72E-10	12/31/02 10:46:50	44040.002	12.233334	1.133334	9.33E+00	9.87E+00	46.49.7	44040.04	9.87E+00
6850	1.902778	406.0280207	3.67E-10	3.89E-10	8.65E-10	12/31/02 10:47:20	44070.002	12.241667	1.141667	9.34E+00	9.87E+00	47.19.7	44070.04	9.87E+00
6900	1.916667	406.028021	3.39E-10	2.85E-10	9.43E-10	12/31/02 10:47:50	44100.002	12.250001	1.150001	9.35E+00	9.89E+00	47.49.7	44100.04	9.89E+00
6950	1.930556	406.0280213	3.47E-10	2.56E-10	9.63E-10	12/31/02 10:48:20	44130.002	12.258334	1.158334	9.39E+00	9.89E+00	48.19.7	44130.04	9.89E+00
7000	1.944444	406.0280216	3.78E-10	2.61E-10	9.58E-10	12/31/02 10:48:50	44160.002	12.266667	1.166667	9.43E+00	9.95E+00	48.49.7	44160.04	9.95E+00
7050	1.958333	406.0280219	3.68E-10	4.13E-10	8.58E-10	12/31/02 10:49:20	44190.002	12.275001	1.175001	9.48E+00	9.92E+00	49.19.7	44190.04	9.92E+00
7100	1.972222	406.0280221	3.66E-10	3.70E-10	7.95E-10	12/31/02 10:49:50	44220.002	12.283334	1.183334	9.52E+00	9.98E+00	49.49.7	44220.04	9.98E+00
7150	1.986111	406.0280224	3.82E-10	4.09E-10	8.40E-10	12/31/02 10:50:20	44250.002	12.291667	1.191667	9.58E+00	1.01E+01	50.19.7	44250.04	1.01E+01
7200	2	406.0280226	3.55E-10	4.31E-10	8.82E-10	12/31/02 10:50:50	44280.002	12.300001	1.200001	9.59E+00	1.01E+01	50.49.7	44280.04	1.01E+01
7250	2.013889	406.0280228	3.48E-10	3.32E-10	5.08E-10	12/31/02 10:51:20	44310.002	12.308334	1.208334	9.59E+00	1.01E+01	51.19.7	44310.04	1.01E+01
7300	2.027778	406.028023	3.41E-10	2.88E-10	4.61E-10	12/31/02 10:51:50	44340.002	12.316667	1.216667	9.58E+00	1.01E+01	51.49.7	44340.04	1.01E+01
7350	2.041667	406.0280231	3.70E-10	2.01E-10	4.22E-10	12/31/02 10:52:20	44370.002	12.325001	1.225001	9.55E+00	1.01E+01	52.19.7	44370.04	1.01E+01
7400	2.055556	406.0280233	3.82E-10	1.98E-10	4.06E-10	12/31/02 10:52:50	44400.002	12.333334	1.233334	9.51E+00	1.01E+01	52.49.7	44400.04	1.01E+01
7450	2.069444	406.0280234	3.86E-10	2.05E-10	4.24E-10	12/31/02 10:53:20	44430.002	12.341667	1.241667	9.43E+00	1.01E+01	53.19.7	44430.04	1.01E+01
7500	2.083333	406.0280235	3.50E-10	1.79E-10	4.32E-10	12/31/02 10:53:50	44460.002	12.350001	1.250001	9.42E+00	1.01E+01	53.49.7	44460.04	1.01E+01
7550	2.097222	406.0280237	4.02E-10	1.78E-10	4.09E-10	12/31/02 10:54:20	44490.002	12.358334	1.258334	9.37E+00	1.01E+01	54.19.7	44490.04	1.01E+01
7600	2.111111	406.0280238	4.01E-10	2.33E-10	3.70E-10	12/31/02 10:54:50	44520.002	12.366667	1.266667	9.37E+00	1.01E+01	54.49.7	44520.04	1.01E+01
7650	2.125	406.0280239	4.00E-10	2.31E-10	3.08E-10	12/31/02 10:55:20	44550.002	12.375001	1.275001	9.35E+00	1.01E+01	55.19.7	44550.04	1.01E+01
7700	2.138889	406.028024	3.84E-10	1.84E-10	2.70E-10	12/31/02 10:55:50	44580.002	12.383334	1.283334	9.42E+00	1.01E+01	55.49.7	44580.04	1.01E+01
7750	2.152778	406.0280241	4.16E-10	1.66E-10	2.52E-10	12/31/02 10:56:20	44610.002	12.391667	1.291667	9.47E+00	1.01E+01	56.19.7	44610.04	1.01E+01
7800	2.166667	406.0280242	4.31E-10	2.25E-10	2.75E-10	12/31/02 10:56:50	44640.002	12.400001	1.300001	9.48E+00	1.01E+01	56.49.7	44640.04	1.01E+01
7850	2.180556	406.0280244	4.14E-10	3.06E-10	3.44E-10	12/31/02 10:57:20	44670.002	12.408334	1.308334	9.53E+00	1.02E+01	57.19.7	44670.04	1.02E+01
7900	2.194444	406.0280245	4.04E-10	3.04E-10	3.44E-10	12/31/02 10:57:50	44700.002	12.416667	1.316667	9.59E+00	1.02E+01	57.49.7	44700.04	1.02E+01
7950	2.208333	406.0280246	4.01E-10	2.55E-10	4.00E-10	12/31/02 10:58:20	44730.002	12.425001	1.325001	9.56E+00	1.02E+01	58.19.7	44730.04	1.02E+01
8000	2.222222	406.0280248	3.96E-10	2.49E-10	4.08E-10	12/31/02 10:58:50	44760.002	12.433334	1.333334	9.57E+00	1.02E+01	58.49.7	44760.04	1.02E+01
8050	2.236111	406.0280249	3.25E-10	2.51E-10	4.08E-10	12/31/02 10:59:20	44790.002	12.441667	1.341667	9.58E+00	1.02E+01	58.19.7	44790.04	1.02E+01
8100	2.25	406.028025	3.23E-10	3.32E-10	4.66E-10	12/31/02 10:59:50	44820.002	12.450001	1.350001	9.56E+00	1.02E+01	58.49.7	44820.04	1.02E+01
8150	2.263889	406.0280252	3.21E-10	3.36E-10	4.48E-10	12/31/02 11:00:20	44850.002	12.458334	1.358334	9.48E+00	1.02E+01	00.19.7	44850.04	1.02E+01
8200	2.277778	406.0280254	3.23E-10	3.48E-10	4.84E-10	12/31/02 11:00:50	44880.002	12.466667	1.366667	9.43E+00	1.02E+01	00.49.7	44880.04	1.02E+01
8250	2.291667	406.0280255	2.68E-10	3.41E-10	4.31E-10	12/31/02 11:01:20	44910.002	12.475001	1.375001	9.38E+00	1.02E+01	01.19.7	44910.04	1.02E+01
8300	2.305556	406.0280257	2.37E-10	3.40E-10	4.41E-10	12/31/02 11:01:50	44940.002	12.483334	1.383334	9.38E+00	1.02E+01	01.49.7	44940.04	1.02E+01
8350	2.319444	406.0280258	2.60E-10	3.25E-10	4.00E-10	12/31/02 11:02:20	44970.002	12.491667	1.391667	9.35E+00	1.02E+01	02.19.7	44970.04	1.02E+01
8400	2.333333	406.0280259	3.10E-10	3.38E-10	4.16E-10	12/31/02 11:02:50	45000.002	12.500001	1.400001	9.38E+00	1.02E+01	02.49.7	45000.04	1.02E+01
8450	2.347222	406.0280261	2.88E-10	3.86E-10	4.68E-10	12/31/02 11:03:20	45030.002	12.508334	1.408334	9.37E+00	1.02E+01	03.19.7	45030.04	1.02E+01
8500	2.361111	406.0280263	2.94E-10	3.87E-10	4.72E-10	12/31/02 11:03:50	45060.002	12.516667	1.416667	9.44E+00	1.02E+01	03.49.7	45060.04	1.02E+01
8550	2.375	406.0280264	3.07E-10	3.28E-10	4.29E-10	12/31/02 11:04:20	45090.002	12.525001	1.425001	9.47E+00	1.03E+01	04.19.7	45090.04	1.03E+01
8600	2.388889	406.0280266	3.28E-10	2.71E-10	4.78E-10	12/31/02 11:04:50	45120.002	12.533334	1.433334	9.51E+00	1.03E+01	04.49.7	45120.04	1.03E+01
8650	2.402778	406.0280267	3.41E-10	2.98E-10	4.40E-10	12/31/02 11:05:20	45150.002	12.541667	1.441667	9.52E+00	1.03E+01	05.19.7	45150.04	1.03E+01
8700	2.416667	406.0280268	3.54E-10	2.81E-10	4.85E-10	12/31/02 11:05:50	45180.002	12.550001	1.450001	9.53E+00	1.03E+01	05.49.7	45180.04	1.03E+01
8750	2.430556	406.028027	3.53E-10	3.53E-10	4.30E-10	12/31/02 11:06:20	45210.002	12.558334	1.458334	9.56E+00	1.04E+01	06.19.7	45210.04	1.04E+01
8800	2.444444	406.0280271	3.48E-10	3.58E-10	4.20E-10	12/31/02 11:06:50	45240.002	12.566667	1.466667	9.55E+00	1.04E+01	06.49.7	45240.04	1.04E+01
8850	2.458333	406.0280272	3.80E-10	3.41E-10	3.63E-10	12/31/02 11:07:20	45270.002	12.575001	1.475001	9.60E+00	1.04E+01	07.19.7	45270.04	1.04E+01
8900	2.472222	406.0280273	3.63E-10	2.57E-10	2.67E-10	12/31/02 11:07:50	45300.002	12.583334	1.483334	9.60E+00	1.04E+01	07.49.7	45300.04	1.04E+01
8950	2.486111	406.0280274	3.70E-10	2.85E-10	2.52E-10	12/31/02 11:08:20	45330.002	12.591667	1.491667	9.53E+00	1.04E+01	08.19.7	45330.04	1.04E+01
9000	2.5	406.0280275	4.16E-10	3.21E-10	2.82E-10	12/31/02 11:08:50	45360.002	12.600001	1.500001	9.48E+00	1.04E+01	08.49.7	45360.04	1.04E+01
9050	2.513889	406.0280276	4.21E-10	3.42E-10	3.08E-10	12/31/02 11:09:20	45390.002	12.608334	1.508334	9.43E+00	1.04E+01	09.19.7	45390.04	1.04E+01
9100	2.527778	406.0280277	4.40E-10	4.92E-10	2.30E-10	12/31/02 11:09:50	45420.002	12.616667	1.516667	9.39E+00	1.04E+01	09.49.7	45420.04	1.04E+01
9150	2.541667	406.0280278	4.33E-10	5.33E-10	2.57E-10	12/31/02 11:10:20	45450.002	12.625001	1.525001	9.41E+00	1.04E+01	10.19.7	45450.04	1.04E+01
9200	2.555556	406.0280279	4.23E-10	5.23E-10	3.35E-10	12/31/02 11:10:50	45480.002	12.633334	1.533334	9.40E+00	1.04E+01	10.49.7	45480.04	1.04E+01
9250	2.569444	406.028028	4.32E-10	5.22E-10	3.21E-10	12/31/02 11:11:20	45510.002	12.641667	1.541667	9.47E+00	1.03E+01	11.19.7	45510.04	1.03E+01
9300	2.583333	406.0280281	4.35E-10	5.08E-10	3.42E-10	12/31/02 11:11:50	45540.002	12.650001	1.550001	9.51E+00	1.04E+01	11.49.7	45540.04	1.04E+01
9350	2.597222	406.0280282	3.90E-10	5.05E-10	3.50E-10	12/31/02 11:12:20	45570.002	12.658334	1.558334	9.53E+00	1.04E+01	12.19.7	45570.04	1.04E+01
9400	2.611111	406.0280283	3.75E-10	4.99E-10	3.34E-10	12/31/02 11:12:50	45600.002	12.666667	1.566667	9.57E+00	1.04E+01	12.49.7	45600.04	1.04E+01
9450	2.625	406.0280285	3.69E-10	5.08E-10	3.42E-10	12/31/02 11:13:20	45630.002	12.675001	1.575001	9.59E+00	1.05E+01	13.19.7	45630.04	1.05E+01
9500	2.638889	406.0280286	3.15E-10	4.80E-10	3.70E-10	12/31/02 11:13:50	45660.002	12.683334	1.583334	9.58E+00	1.05E+01	13.49.7	45660.04	1.05E+01
9550	2.652778													

HERMALSHOCKSHORTTERM

12250	3.402778	406.0280359	3.82E-10	3.04E-10	3.10E-10	12/31/02 11:41:20	47310.002	13.141667	2.041667	9.45E+00	1.07E+01	41:19.7	47310.04	1.07E+01
12300	3.416667	406.028036	4.03E-10	2.73E-10	3.63E-10	12/31/02 11:41:50	47340.002	13.150001	2.050001	9.36E+00	1.07E+01	41:49.7	47340.04	1.07E+01
12350	3.430556	406.0280361	3.50E-10	2.63E-10	4.05E-10	12/31/02 11:42:20	47370.002	13.158334	2.058334	9.38E+00	1.07E+01	42:18.7	47370.04	1.07E+01
12400	3.444444	406.0280362	3.58E-10	2.89E-10	3.87E-10	12/31/02 11:42:50	47400.002	13.166667	2.066667	9.39E+00	1.07E+01	42:49.7	47400.04	1.07E+01
12450	3.458333	406.0280364	3.66E-10	2.78E-10	3.78E-10	12/31/02 11:43:20	47430.002	13.175001	2.075001	9.39E+00	1.07E+01	43:19.7	47430.04	1.07E+01
12500	3.472222	406.0280366	3.62E-10	3.19E-10	4.03E-10	12/31/02 11:43:50	47460.002	13.183334	2.083334	9.41E+00	1.07E+01	43:49.7	47460.04	1.07E+01
12550	3.486111	406.0280367	3.93E-10	3.33E-10	4.21E-10	12/31/02 11:44:20	47490.002	13.191667	2.091667	9.42E+00	1.07E+01	44:19.7	47490.04	1.07E+01
12600	3.5	406.0280368	3.92E-10	3.19E-10	4.54E-10	12/31/02 11:44:50	47520.002	13.200001	2.100001	9.48E+00	1.07E+01	44:49.7	47520.04	1.07E+01
						12/31/02 11:45:20	47550.002	13.208334	2.108334	9.51E+00	1.08E+01	45:19.7	47550.04	1.08E+01
						12/31/02 11:45:50	47580.002	13.216667	2.116667	9.55E+00	1.08E+01	45:49.7	47580.04	1.08E+01
						12/31/02 11:46:20	47610.002	13.225001	2.125001	9.57E+00	1.08E+01	46:19.7	47610.04	1.08E+01
						12/31/02 11:46:50	47640.002	13.233334	2.133334	9.55E+00	1.08E+01	46:49.7	47640.04	1.08E+01
						12/31/02 11:47:20	47670.002	13.241667	2.141667	9.55E+00	1.08E+01	47:19.7	47670.04	1.08E+01
						12/31/02 11:47:50	47700.002	13.250001	2.150001	9.54E+00	1.08E+01	47:49.7	47700.04	1.08E+01
						12/31/02 11:48:20	47730.002	13.258334	2.158334	9.53E+00	1.08E+01	48:19.7	47730.04	1.08E+01
						12/31/02 11:48:50	47760.002	13.266667	2.166667	9.45E+00	1.08E+01	48:49.7	47760.04	1.08E+01
						12/31/02 11:49:20	47790.002	13.275001	2.175001	9.42E+00	1.07E+01	49:19.7	47790.04	1.07E+01
						12/31/02 11:49:50	47820.002	13.283334	2.183334	9.38E+00	1.08E+01	49:49.7	47820.04	1.08E+01
						12/31/02 11:50:20	47850.002	13.291667	2.191667	9.33E+00	1.08E+01	50:19.7	47850.04	1.08E+01
						12/31/02 11:50:50	47880.002	13.300001	2.200001	9.30E+00	1.08E+01	50:49.7	47880.04	1.08E+01
						12/31/02 11:51:20	47910.002	13.308334	2.208334	9.43E+00	1.08E+01	51:19.7	47910.04	1.08E+01
						12/31/02 11:51:50	47940.002	13.316667	2.216667	9.45E+00	1.08E+01	51:49.7	47940.04	1.08E+01
						12/31/02 11:52:20	47970.002	13.325001	2.225001	9.49E+00	1.08E+01	52:19.7	47970.04	1.08E+01
						12/31/02 11:53:20	48000.002	13.333334	2.233334	9.54E+00	1.08E+01	52:49.7	48000.04	1.08E+01
						12/31/02 11:53:50	48030.002	13.341667	2.241667	9.54E+00	1.09E+01	53:19.7	48030.04	1.09E+01
						12/31/02 11:54:20	48060.002	13.350001	2.250001	9.57E+00	1.08E+01	53:49.7	48060.04	1.08E+01
						12/31/02 11:54:50	48090.002	13.358334	2.258334	9.57E+00	1.09E+01	54:19.7	48090.04	1.09E+01
						12/31/02 11:55:20	48120.002	13.366667	2.266667	9.52E+00	1.09E+01	54:49.7	48120.04	1.09E+01
						12/31/02 11:55:50	48150.002	13.375001	2.275001	9.51E+00	1.08E+01	55:19.7	48150.04	1.08E+01
						12/31/02 11:56:20	48180.002	13.383334	2.283334	9.49E+00	1.08E+01	55:49.7	48180.04	1.08E+01
						12/31/02 11:56:50	48210.002	13.391667	2.291667	9.45E+00	1.09E+01	55:19.7	48210.04	1.09E+01
						12/31/02 11:57:20	48240.002	13.400001	2.300001	9.40E+00	1.08E+01	55:49.7	48240.04	1.08E+01
						12/31/02 11:57:50	48270.002	13.408334	2.308334	9.40E+00	1.08E+01	57:19.7	48270.04	1.08E+01
						12/31/02 11:58:20	48300.002	13.416667	2.316667	9.34E+00	1.08E+01	57:49.7	48300.04	1.08E+01
						12/31/02 11:58:50	48330.002	13.425001	2.325001	9.35E+00	1.07E+01	58:19.7	48330.04	1.07E+01
						12/31/02 11:59:20	48360.002	13.433334	2.333334	9.35E+00	1.08E+01	58:49.7	48360.04	1.08E+01
						12/31/02 11:59:50	48390.002	13.441667	2.341667	9.38E+00	1.08E+01	59:19.7	48390.04	1.08E+01
						12/31/02 12:00:20	48420.002	13.450001	2.350001	9.44E+00	1.08E+01	59:49.7	48420.04	1.08E+01
						12/31/02 12:00:50	48450.002	13.458334	2.358334	9.45E+00	1.08E+01	00:19.7	48450.04	1.08E+01
						12/31/02 12:01:20	48480.002	13.466667	2.366667	9.50E+00	1.08E+01	00:49.7	48480.04	1.08E+01
						12/31/02 12:01:50	48510.002	13.475001	2.375001	9.51E+00	1.08E+01	01:19.7	48510.04	1.08E+01
						12/31/02 12:02:20	48540.002	13.483334	2.383334	9.52E+00	1.08E+01	01:49.7	48540.04	1.08E+01
						12/31/02 12:02:50	48570.002	13.491667	2.391667	9.50E+00	1.08E+01	02:19.7	48570.04	1.08E+01
						12/31/02 12:03:20	48600.002	13.500001	2.400001	9.41E+00	1.08E+01	02:49.7	48600.04	1.08E+01
						12/31/02 12:03:50	48630.002	13.508334	2.408334	9.41E+00	1.08E+01	03:19.7	48630.04	1.08E+01
						12/31/02 12:04:20	48660.002	13.516667	2.416667	9.37E+00	1.08E+01	03:49.7	48660.04	1.08E+01
						12/31/02 12:04:50	48690.002	13.525001	2.425001	9.31E+00	1.08E+01	04:19.7	48690.04	1.08E+01
						12/31/02 12:05:20	48720.002	13.533334	2.433334	9.27E+00	1.08E+01	04:49.7	48720.04	1.08E+01
						12/31/02 12:05:50	48750.002	13.541667	2.441667	9.28E+00	1.08E+01	05:19.7	48750.04	1.08E+01
						12/31/02 12:06:20	48780.002	13.550001	2.450001	9.30E+00	1.08E+01	05:49.7	48780.04	1.08E+01
						12/31/02 12:06:50	48810.002	13.558334	2.458334	9.34E+00	1.08E+01	06:19.7	48810.04	1.08E+01
						12/31/02 12:07:20	48840.002	13.566667	2.466667	9.33E+00	1.08E+01	06:49.7	48840.04	1.08E+01
						12/31/02 12:07:50	48870.002	13.575001	2.475001	9.41E+00	1.08E+01	07:19.7	48870.04	1.08E+01
						12/31/02 12:08:20	48900.002	13.583334	2.483334	9.43E+00	1.08E+01	07:49.7	48900.04	1.08E+01
						12/31/02 12:08:50	48930.002	13.591667	2.491667	9.47E+00	1.09E+01	08:19.7	48930.04	1.09E+01
						12/31/02 12:09:20	48960.002	13.600001	2.500001	9.51E+00	1.08E+01	08:49.7	48960.04	1.08E+01
						12/31/02 12:09:50	48990.002	13.608334	2.508334	9.48E+00	1.08E+01	09:19.7	48990.04	1.08E+01
						12/31/02 12:10:20	49020.002	13.616667	2.516667	9.45E+00	1.08E+01	09:49.7	49020.04	1.08E+01
						12/31/02 12:10:50	49050.002	13.625001	2.525001	9.49E+00	1.08E+01	10:19.7	49050.04	1.08E+01
						12/31/02 12:11:20	49080.002	13.633334	2.533334	9.48E+00	1.08E+01	10:49.7	49080.04	1.08E+01
						12/31/02 12:11:50	49110.002	13.641667	2.541667	9.48E+00	1.08E+01	11:19.7	49110.04	1.08E+01
						12/31/02 12:12:20	49140.002	13.650001	2.550001	9.47E+00	1.08E+01	11:49.7	49140.04	1.08E+01
						12/31/02 12:12:50	49170.002	13.658334	2.558334	9.39E+00	1.08E+01	12:19.7	49170.04	1.08E+01
						12/31/02 12:13:20	49200.002	13.666667	2.566667	9.36E+00	1.08E+01	12:49.7	49200.04	1.08E+01
						12/31/02 12:13:50	49230.002	13.675001	2.575001	9.40E+00	1.08E+01	13:19.7	49230.04	1.08E+01
						12/31/02 12:14:20	49260.002	13.683334	2.583334	9.45E+00	1.08E+01	13:49.7	49260.04	1.08E+01
						12/31/02 12:14:50	49290.002	13.691667	2.591667	9.44E+00	1.08E+01	14:19.7	49290.04	1.08E+01
						12/31/02 12:15:20	49320.002	13.700001	2.600001	9.51E+00	1.08E+01	14:49.7	49320.04	1.08E+01
						12/31/02 12:15:50	49350.002	13.708334	2.608334	9.49E+00	1.08E+01	15:19.7	49350.04	1.08E+01
						12/31/02 12:16:20	49380.002	13.716667	2.616667	9.53E+00	1.08E+01	15:49.7	49380.04	1.08E+01
						12/31/02 12:16:50	49410.002	13.725001	2.625001	9.51E+00	1.08E+01	16:19.7	49410.04	1.08E+01
						12/31/02 12:17:20	49440.002	13.733334	2.633334	9.53E+00	1.08E+01	16:49.7	49440.04	1.08E+01
						12/31/02 12:17:50	49470.002	13.741667	2.641667	9.51E+00	1.08E+01	17:19.7	49470.04	1.08E+01
						12/31/02 12:18:20	49500.002	13.750001	2.650001	9.46E+00	1.08E+01	17:49.7	49500.04	1.08E+01
						12/31/02 12:18:50	49530.002	13.758334	2.658334	9.38E+00	1.08E+01	18:19.7	49530.04	1.08E+01
						12/31/02 12:19:20	49560.002	13.766667	2.666667	9.33E+00	1.08E+01	18:49.7	49560.04	1.08E+01
						12/								

THERMALSHOCKSHORTTERM

12/31/02 12:37:50	50700.002	14.083334	2.983334	9.48E+00	1.09E+01	37:49.7	50700.04	1.09E+01
12/31/02 12:38:20	50730.002	14.091667	2.991667	9.50E+00	1.09E+01	38:19.7	50730.04	1.09E+01
12/31/02 12:38:50	50760.002	14.100001	3.000001	9.51E+00	1.09E+01	38:49.7	50760.04	1.09E+01
12/31/02 12:39:20	50790.002	14.108334	3.008334	9.47E+00	1.09E+01	39:19.7	50790.04	1.09E+01
12/31/02 12:39:50	50820.002	14.116667	3.016667	9.47E+00	1.09E+01	39:49.7	50820.04	1.09E+01
12/31/02 12:40:20	50850.002	14.125001	3.025001	9.40E+00	1.09E+01	40:19.7	50850.04	1.09E+01
12/31/02 12:40:50	50880.002	14.133334	3.033334	9.39E+00	1.09E+01	40:49.7	50880.04	1.09E+01
12/31/02 12:41:20	50910.002	14.141667	3.041667	9.35E+00	1.09E+01	41:19.7	50910.04	1.09E+01
12/31/02 12:41:50	50940.002	14.150001	3.050001	9.33E+00	1.09E+01	41:49.7	50940.04	1.09E+01
12/31/02 12:42:20	50970.002	14.158334	3.058334	9.30E+00	1.09E+01	42:19.7	50970.04	1.09E+01
12/31/02 12:42:50	51000.002	14.166667	3.066667	9.29E+00	1.09E+01	42:49.7	51000.04	1.09E+01
12/31/02 12:43:20	51030.002	14.175001	3.075001	9.34E+00	1.08E+01	43:19.7	51030.04	1.08E+01
12/31/02 12:43:50	51060.002	14.183334	3.083334	9.38E+00	1.09E+01	43:49.7	51060.04	1.09E+01
12/31/02 12:44:20	51090.002	14.191667	3.091667	9.41E+00	1.09E+01	44:19.7	51090.04	1.09E+01
12/31/02 12:44:50	51120.002	14.200001	3.100001	9.42E+00	1.09E+01	44:49.7	51120.04	1.09E+01
12/31/02 12:45:20	51150.002	14.208334	3.108334	9.51E+00	1.09E+01	45:19.7	51150.04	1.09E+01
12/31/02 12:45:50	51180.002	14.216667	3.116667	9.57E+00	1.10E+01	45:49.7	51180.04	1.10E+01
12/31/02 12:46:20	51210.002	14.225001	3.125001	9.57E+00	1.10E+01	46:19.7	51210.04	1.10E+01
12/31/02 12:46:50	51240.002	14.233334	3.133334	9.61E+00	1.10E+01	46:49.7	51240.04	1.10E+01
12/31/02 12:47:20	51270.002	14.241667	3.141667	9.55E+00	1.10E+01	47:19.7	51270.04	1.10E+01
12/31/02 12:47:50	51300.002	14.250001	3.150001	9.52E+00	1.10E+01	47:49.7	51300.04	1.10E+01
12/31/02 12:48:20	51330.002	14.258334	3.158334	9.46E+00	1.10E+01	48:19.7	51330.04	1.10E+01
12/31/02 12:48:50	51360.002	14.266667	3.166667	9.39E+00	1.09E+01	48:49.7	51360.04	1.09E+01
12/31/02 12:49:20	51390.002	14.275001	3.175001	9.35E+00	1.09E+01	49:19.7	51390.04	1.09E+01
12/31/02 12:49:50	51420.002	14.283334	3.183334	9.32E+00	1.09E+01	49:49.7	51420.04	1.09E+01
12/31/02 12:50:20	51450.002	14.291667	3.191667	9.37E+00	1.09E+01	50:19.7	51450.04	1.09E+01
12/31/02 12:50:50	51480.002	14.300001	3.200001	9.40E+00	1.09E+01	50:49.7	51480.04	1.09E+01
12/31/02 12:51:20	51510.002	14.308334	3.208334	9.41E+00	1.09E+01	51:19.7	51510.04	1.09E+01
12/31/02 12:51:50	51540.002	14.316667	3.216667	9.45E+00	1.09E+01	51:49.7	51540.04	1.09E+01
12/31/02 12:52:20	51570.002	14.325001	3.225001	9.47E+00	1.09E+01	52:19.7	51570.04	1.09E+01
12/31/02 12:52:50	51600.002	14.333334	3.233334	9.48E+00	1.09E+01	52:49.7	51600.04	1.09E+01
12/31/02 12:53:20	51630.002	14.341667	3.241667	9.50E+00	1.09E+01	53:19.7	51630.04	1.09E+01
12/31/02 12:53:50	51660.002	14.350001	3.250001	9.50E+00	1.10E+01	53:49.7	51660.04	1.10E+01
12/31/02 12:54:20	51690.002	14.358334	3.258334	9.49E+00	1.09E+01	54:19.7	51690.04	1.09E+01
12/31/02 12:54:50	51720.002	14.366667	3.266667	9.48E+00	1.09E+01	54:49.7	51720.04	1.09E+01
12/31/02 12:55:20	51750.002	14.375001	3.275001	9.44E+00	1.09E+01	55:19.7	51750.04	1.09E+01
12/31/02 12:55:50	51780.002	14.383334	3.283334	9.40E+00	1.09E+01	55:49.7	51780.04	1.09E+01
12/31/02 12:56:20	51810.002	14.391667	3.291667	9.36E+00	1.09E+01	56:19.7	51810.04	1.09E+01
12/31/02 12:56:50	51840.002	14.400001	3.300001	9.35E+00	1.09E+01	56:49.7	51840.04	1.09E+01
12/31/02 12:57:20	51870.002	14.408334	3.308334	9.32E+00	1.09E+01	57:19.7	51870.04	1.09E+01
12/31/02 12:57:50	51900.002	14.416667	3.316667	9.31E+00	1.08E+01	57:49.7	51900.04	1.08E+01
12/31/02 12:58:20	51930.002	14.425001	3.325001	9.34E+00	1.09E+01	58:19.7	51930.04	1.09E+01
12/31/02 12:58:50	51960.002	14.433334	3.333334	9.37E+00	1.08E+01	58:49.7	51960.04	1.08E+01
12/31/02 12:59:20	51990.002	14.441667	3.341667	9.40E+00	1.09E+01	59:19.7	51990.04	1.09E+01
12/31/02 12:59:50	52020.002	14.450001	3.350001	9.44E+00	1.09E+01	59:49.7	52020.04	1.09E+01
12/31/02 13:00:20	52050.002	14.458334	3.358334	9.46E+00	1.09E+01	00:19.7	52050.04	1.09E+01
12/31/02 13:00:50	52080.002	14.466667	3.366667	9.47E+00	1.09E+01	00:49.7	52080.04	1.09E+01
12/31/02 13:01:20	52110.002	14.475001	3.375001	9.48E+00	1.09E+01	01:19.7	52110.04	1.09E+01
12/31/02 13:01:50	52140.002	14.483334	3.383334	9.49E+00	1.09E+01	01:49.7	52140.04	1.09E+01
12/31/02 13:02:20	52170.002	14.491667	3.391667	9.49E+00	1.09E+01	02:19.7	52170.04	1.09E+01
12/31/02 13:02:50	52200.002	14.500001	3.400001	9.48E+00	1.10E+01	02:49.7	52200.04	1.10E+01
12/31/02 13:03:20	52230.002	14.508334	3.408334	9.39E+00	1.09E+01	03:19.7	52230.04	1.09E+01
12/31/02 13:03:50	52260.002	14.516667	3.416667	9.41E+00	1.09E+01	03:49.7	52260.04	1.09E+01
12/31/02 13:04:20	52290.002	14.525001	3.425001	9.39E+00	1.09E+01	04:19.7	52290.04	1.09E+01
12/31/02 13:04:50	52320.002	14.533334	3.433334	9.40E+00	1.09E+01	04:49.7	52320.04	1.09E+01
12/31/02 13:05:20	52350.002	14.541667	3.441667	9.40E+00	1.09E+01	05:19.7	52350.04	1.09E+01
12/31/02 13:05:50	52380.002	14.550001	3.450001	9.36E+00	1.09E+01	05:49.7	52380.04	1.09E+01
12/31/02 13:06:20	52410.002	14.558334	3.458334	9.37E+00	1.09E+01	06:19.7	52410.04	1.09E+01
12/31/02 13:06:50	52440.002	14.566667	3.466667	9.40E+00	1.09E+01	06:49.7	52440.04	1.09E+01
12/31/02 13:07:20	52470.002	14.575001	3.475001	9.44E+00	1.09E+01	07:19.7	52470.04	1.09E+01
12/31/02 13:07:50	52500.002	14.583334	3.483334	9.48E+00	1.09E+01	07:49.7	52500.04	1.09E+01
12/31/02 13:08:20	52530.002	14.591667	3.491667	9.51E+00	1.09E+01	08:19.7	52530.04	1.09E+01
12/31/02 13:08:50	52560.002	14.600001	3.500001	9.53E+00	1.10E+01	08:49.7	52560.04	1.10E+01
12/31/02 13:09:20	52590.002	14.608334	3.508334	9.52E+00	1.09E+01	09:19.7	52590.04	1.09E+01
12/31/02 13:09:50	52620.002	14.616667	3.516667	9.54E+00	1.09E+01	09:49.7	52620.04	1.09E+01
12/31/02 13:10:20	52650.002	14.625001	3.525001	9.48E+00	1.10E+01	10:19.7	52650.04	1.10E+01
12/31/02 13:10:50	52680.002	14.633334	3.533334	9.41E+00	1.09E+01	10:49.7	52680.04	1.09E+01
12/31/02 13:11:20	52710.002	14.641667	3.541667	9.35E+00	1.08E+01	11:19.7	52710.04	1.08E+01
12/31/02 13:11:50	52740.002	14.650001	3.550001	9.33E+00	1.08E+01	11:49.7	52740.04	1.08E+01
12/31/02 13:12:20	52770.002	14.658334	3.558334	9.26E+00	1.08E+01	12:19.7	52770.04	1.08E+01
12/31/02 13:12:50	52800.002	14.666667	3.566667	9.28E+00	1.08E+01	12:49.7	52800.04	1.08E+01
12/31/02 13:13:20	52830.002	14.675001	3.575001	9.32E+00	1.08E+01	13:19.7	52830.04	1.08E+01
12/31/02 13:13:50	52860.002	14.683334	3.583334	9.34E+00	1.09E+01	13:49.7	52860.04	1.09E+01
12/31/02 13:14:20	52890.002	14.691667	3.591667	9.38E+00	1.09E+01	14:19.7	52890.04	1.09E+01
12/31/02 13:14:50	52920.002	14.700001	3.600001	9.44E+00	1.09E+01	14:49.7	52920.04	1.09E+01
12/31/02 13:15:20	52950.002	14.708334	3.608334	9.48E+00	1.09E+01	15:19.7	52950.04	1.09E+01
12/31/02 13:15:50	52980.002	14.716667	3.616667	9.48E+00	1.09E+01	15:49.7	52980.04	1.09E+01
12/31/02 13:16:20	53010.002	14.725001	3.625001	9.48E+00	1.09E+01	16:19.7	53010.04	1.09E+01
12/31/02 13:16:50	53040.002	14.733334	3.633334	9.47E+00	1.09E+01	16:49.7	53040.04	1.09E+01
12/31/02 13:17:20	53070.002	14.741667	3.641667	9.43E+00	1.09E+01	17:19.7	53070.04	1.09E+01
12/31/02 13:17:50	53100.002	14.750001	3.650001	9.41E+00	1.09E+01	17:49.7	53100.04	1.09E+01
12/31/02 13:18:20	53130.002	14.758334	3.658334	9.37E+00	1.09E+01	18:19.7	53130.04	1.09E+01
12/31/02 13:18:50	53160.002	14.766667	3.666667	9.43E+00	1.10E+01	18:49.7	53160.04	1.10E+01
12/31/02 13:19:20	53190.002	14.775001	3.675001	9.42E+00	1.09E+01	19:19.7	53190.04	1.09E+01
12/31/02 13:19:50	53220.002	14.783334	3.683334	9.43E+00	1.09E+01	19:49.7	53220.04	1.09E+01
12/31/02 13:20:20	53250.002	14.791667	3.691667	9.38E+00	1.09E+01	20:19.7	53250.04	1.09E+01
12/31/02 13:20:50	53280.002	14.800001	3.700001	9.34E+00	1.09E+01	20:49.7	53280.04	1.09E+01
12/31/02 13:21:20	53310.002	14.808334	3.708334	9.35E+00	1.09E+01	21:19.7	53310.04	1.09E+01
12/31/02 13:21:50	53340.002	14.816667	3.716667	9.41E+00	1.09E+01	21:49.7	53340.04	1.09E+01
12/31/02 13:22:20	53370.002	14.825001	3.725001	9.43E+00	1.09E+01	22:19.7	53370.04	1.09E+01
12/31/02 13:22:50	53400.002	14.833334	3.733334	9.45E+00	1.09E+01	22:49.7	53400.04	1.09E+01
12/31/02 13:23:20	53430.002	14.841667	3.741667	9.50E+00	1.09E+01	23:19.7	53430.04	1.09E+01
12/31/02 13:23:50	53460.002	14.850001	3.750001	9.51E+00	1.09E+01	23:49.7	53460.04	1.09E+01
12/31/02 13:24:20	53490.002	14.858334	3.758334	9.49E+00	1.09E+01	24:19.7	53490.04	1.09E+01
12/								

THERMALSHOCKSHORTTERM

12/31/02 13:34:20	54090.002	15.025001	3.925001	9.42E+00	1.09E+01	34:19.7	54090.04	1.09E+01
12/31/02 13:34:50	54120.002	15.033334	3.933334	9.40E+00	1.09E+01	34:49.7	54120.04	1.09E+01
12/31/02 13:35:20	54150.002	15.041667	3.941667	9.39E+00	1.09E+01	35:19.7	54150.04	1.09E+01
12/31/02 13:35:50	54180.002	15.050001	3.950001	9.40E+00	1.09E+01	35:49.7	54180.04	1.09E+01
12/31/02 13:36:20	54210.002	15.058334	3.958334	9.42E+00	1.09E+01	36:19.7	54210.04	1.09E+01
12/31/02 13:36:50	54240.002	15.066667	3.966667	9.41E+00	1.09E+01	36:49.7	54240.04	1.09E+01
12/31/02 13:37:20	54270.002	15.075001	3.975001	9.42E+00	1.09E+01	37:19.7	54270.04	1.09E+01
12/31/02 13:37:50	54300.002	15.083334	3.983334	9.38E+00	1.09E+01	37:49.7	54300.04	1.09E+01
12/31/02 13:38:20	54330.002	15.091667	3.991667	9.41E+00	1.09E+01	38:19.7	54330.04	1.09E+01
12/31/02 13:38:50	54360.002	15.100001	4.000001	9.43E+00	1.09E+01	38:49.7	54360.04	1.09E+01
12/31/02 13:39:20	54390.002	15.108334	4.008334	9.48E+00	1.09E+01	38:19.7	54390.04	1.09E+01
12/31/02 13:39:50	54420.002	15.116667	4.016667	9.47E+00	1.09E+01	38:49.7	54420.04	1.09E+01
12/31/02 13:40:20	54450.002	15.125001	4.025001	9.50E+00	1.09E+01	40:19.7	54450.04	1.09E+01
12/31/02 13:40:50	54480.002	15.133334	4.033334	9.49E+00	1.09E+01	40:49.7	54480.04	1.09E+01
12/31/02 13:41:20	54510.002	15.141667	4.041667	9.46E+00	1.09E+01	41:19.7	54510.04	1.09E+01
12/31/02 13:41:50	54540.002	15.150001	4.050001	9.47E+00	1.10E+01	41:49.7	54540.04	1.10E+01
12/31/02 13:42:20	54570.002	15.158334	4.058334	9.43E+00	1.09E+01	42:19.7	54570.04	1.09E+01
12/31/02 13:42:50	54600.002	15.166667	4.066667	9.42E+00	1.09E+01	42:49.7	54600.04	1.09E+01
12/31/02 13:43:20	54630.002	15.175001	4.075001	9.37E+00	1.09E+01	43:19.7	54630.04	1.09E+01
12/31/02 13:43:50	54660.002	15.183334	4.083334	9.35E+00	1.09E+01	43:49.7	54660.04	1.09E+01
12/31/02 13:44:20	54690.002	15.191667	4.091667	9.33E+00	1.09E+01	44:19.7	54690.04	1.09E+01
12/31/02 13:44:50	54720.002	15.200001	4.100001	9.30E+00	1.09E+01	44:49.7	54720.04	1.09E+01
12/31/02 13:45:20	54750.002	15.208334	4.108334	9.33E+00	1.09E+01	45:19.7	54750.04	1.09E+01
12/31/02 13:45:50	54780.002	15.216667	4.116667	9.36E+00	1.09E+01	45:49.7	54780.04	1.09E+01

HexID All bits
ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50

DO-204

2.3.2.4 b

EVERY 30 MIN,

PA 44

[Handwritten signature]

12/31/02

ORL
SQ01
DME

[Handwritten initials]



HexID	All bits
ADDC07C01440401	FFFE2F56EE03E00A20200C93EF50



HexID All bits
ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50



HexID

All bits

ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50



HexID	All bits
ADDC07C01440401	FFFE2F56EE03E00A20200C93EF50



HexID All bits
ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50



HexID

All bits

ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50



PM KVA.

KP

HexID All bits
ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50



HexID All bits
ADDC07C01440401 FFFE2F56EE03E00A20200C93EF50

BEACON SN 2007tempshock
TIME START 9:45:20 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.50

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.60

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.50 ✓

BEACON SN 2007tempshock
TIME START 9:59:21 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.50

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.30 ✓

BEACON SN 2007tempshock
TIME START 10:13:16 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.40

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.30 ✓

BEACON SN 2007tempshock
TIME START 10:27:44 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

00204-
2.3.249 EVERY 30 MINUTES
TESTED EVERY 15 MINUTES

ALH/MAT

PASS.

12/31/02





BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.40

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 10:41:40 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.40

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 10:56:08 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.40

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 11:10:03 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 11:24:04 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 11:38:31 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 11:52:59 AM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 12:06:55 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30



BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 12:21:22 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 12:35:23 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 12:49:51 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS



406 POWER PASS AT 36.20

BEACON SN 2007tempshock
TIME START 1:03:51 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 1:18:19 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.20 ✓

BEACON SN 2007tempshock
TIME START 1:32:47 PM
DATE START 12/31/2002

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.30

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.10 ✓