

## **Appendix 2.4CC    Raw Slug Test Data**

## Raw Test Data for MW-383 S Rising Head

Report Date: 6/27/2007 12:37  
Report User Name: made  
Report Computer Name: BLUS-MADE

### Log File Properties

File Name mw383s bail 2007-06-27 12.27.33.wsl  
Create Date 6/27/2007 11:27

### Device Properties

Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

### Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw383s bail       |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/27/2007 11:00   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

#### Step: 1

Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

#### Step: 2

Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00  
Step 2  
Duration Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval Days: 0 Hours: 00 Mins: 01 Secs: 00

### Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 2.0925 (PSI)      |
| Temperature                   | 55.0947 (F)       |
| Depth of Probe                | 4.83025 (ft)      |

### Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/27/2007 10:59 | User Note: "Level reference initialized to: 0" |
| 6/27/2007 11:03 | Manual Start Command                           |

### Log Data:

Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/27/2007 11:03 | 0                       | 2.092                           | 52.638                          | -0.001                          |
| 6/27/2007 11:03 | 0.25                    | 2.091                           | 52.678                          | -0.003                          |
| 6/27/2007 11:03 | 0.5                     | 2.092                           | 52.699                          | -0.001                          |
| 6/27/2007 11:03 | 0.75                    | 2.093                           | 52.712                          | 0                               |
| 6/27/2007 11:03 | 1.39                    | 2.092                           | 52.84                           | -0.002                          |
| 6/27/2007 11:03 | 1.595                   | 2.093                           | 52.833                          | 0.001                           |
| 6/27/2007 11:03 | 1.8                     | 2.091                           | 52.832                          | -0.003                          |
| 6/27/2007 11:03 | 2.005                   | 2.09                            | 52.829                          | -0.005                          |
| 6/27/2007 11:03 | 2.616                   | 2.093                           | 52.758                          | 0.001                           |
| 6/27/2007 11:03 | 2.822                   | 2.093                           | 52.781                          | 0.002                           |
| 6/27/2007 11:03 | 3.027                   | 2.092                           | 52.793                          | -0.002                          |
| 6/27/2007 11:03 | 3.232                   | 2.091                           | 52.799                          | -0.004                          |
| 6/27/2007 11:03 | 3.893                   | 2.092                           | 52.738                          | -0.002                          |
| 6/27/2007 11:03 | 4.098                   | 2.093                           | 52.768                          | 0                               |
| 6/27/2007 11:03 | 4.303                   | 2.092                           | 52.778                          | -0.001                          |
| 6/27/2007 11:03 | 4.509                   | 2.091                           | 52.787                          | -0.003                          |
| 6/27/2007 11:03 | 5.188                   | 2.092                           | 52.732                          | 0                               |
| 6/27/2007 11:03 | 5.393                   | 2.092                           | 52.755                          | -0.002                          |
| 6/27/2007 11:03 | 5.598                   | 2.093                           | 52.773                          | 0.002                           |
| 6/27/2007 11:03 | 5.802                   | 2.091                           | 52.776                          | -0.004                          |
| 6/27/2007 11:03 | 6.261                   | 2.092                           | 52.749                          | -0.002                          |
| 6/27/2007 11:03 | 6.466                   | 2.092                           | 52.767                          | 0                               |
| 6/27/2007 11:03 | 6.671                   | 2.091                           | 52.784                          | -0.004                          |
| 6/27/2007 11:03 | 6.875                   | 2.091                           | 52.787                          | -0.004                          |
| 6/27/2007 11:03 | 7.079                   | 2.09                            | 52.798                          | -0.006                          |
| 6/27/2007 11:03 | 7.283                   | 2.09                            | 52.801                          | -0.006                          |
| 6/27/2007 11:03 | 7.488                   | 2.09                            | 52.799                          | -0.006                          |
| 6/27/2007 11:03 | 7.693                   | 2.092                           | 52.808                          | -0.002                          |
| 6/27/2007 11:03 | 7.897                   | 2.091                           | 52.815                          | -0.004                          |
| 6/27/2007 11:03 | 8.102                   | 2.09                            | 52.811                          | -0.005                          |
| 6/27/2007 11:03 | 8.306                   | 2.091                           | 52.818                          | -0.004                          |
| 6/27/2007 11:03 | 8.512                   | 2.09                            | 52.816                          | -0.005                          |
| 6/27/2007 11:03 | 8.716                   | 2.091                           | 52.836                          | -0.003                          |
| 6/27/2007 11:03 | 8.95                    | 2.091                           | 52.826                          | -0.003                          |
| 6/27/2007 11:03 | 9.154                   | 2.091                           | 52.827                          | -0.004                          |
| 6/27/2007 11:03 | 9.359                   | 2.091                           | 52.825                          | -0.004                          |
| 6/27/2007 11:03 | 9.564                   | 2.09                            | 52.825                          | -0.006                          |
| 6/27/2007 11:03 | 9.768                   | 2.09                            | 52.828                          | -0.005                          |
| 6/27/2007 11:03 | 9.972                   | 2.089                           | 52.825                          | -0.007                          |
| 6/27/2007 11:03 | 10.176                  | 2.09                            | 52.83                           | -0.006                          |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/27/2007 11:03 | 10.382 | 2.09  | 52.829 | -0.005 |
| 6/27/2007 11:03 | 10.586 | 2.091 | 52.825 | -0.004 |
| 6/27/2007 11:03 | 10.791 | 2.09  | 52.828 | -0.006 |
| 6/27/2007 11:03 | 10.996 | 2.091 | 52.829 | -0.004 |
| 6/27/2007 11:03 | 11.2   | 2.09  | 52.822 | -0.005 |
| 6/27/2007 11:03 | 11.405 | 2.09  | 52.828 | -0.005 |
| 6/27/2007 11:03 | 11.609 | 2.09  | 52.83  | -0.005 |
| 6/27/2007 11:03 | 11.813 | 2.09  | 52.829 | -0.005 |
| 6/27/2007 11:03 | 12.017 | 2.09  | 52.831 | -0.006 |
| 6/27/2007 11:03 | 12.25  | 2.091 | 52.823 | -0.005 |
| 6/27/2007 11:03 | 12.5   | 2.092 | 52.81  | -0.002 |
| 6/27/2007 11:03 | 12.75  | 2.09  | 52.812 | -0.005 |
| 6/27/2007 11:03 | 13     | 2.089 | 52.804 | -0.009 |
| 6/27/2007 11:03 | 13.25  | 2.091 | 52.804 | -0.003 |
| 6/27/2007 11:03 | 13.5   | 2.09  | 52.8   | -0.005 |
| 6/27/2007 11:03 | 13.75  | 2.09  | 52.797 | -0.005 |
| 6/27/2007 11:03 | 14     | 2.091 | 52.794 | -0.004 |
| 6/27/2007 11:03 | 14.25  | 2.091 | 52.794 | -0.003 |
| 6/27/2007 11:03 | 14.5   | 2.089 | 52.786 | -0.008 |
| 6/27/2007 11:03 | 14.75  | 2.091 | 52.785 | -0.003 |
| 6/27/2007 11:03 | 15     | 2.09  | 52.786 | -0.005 |
| 6/27/2007 11:03 | 15.25  | 2.091 | 52.787 | -0.004 |
| 6/27/2007 11:03 | 15.5   | 2.09  | 52.79  | -0.005 |
| 6/27/2007 11:03 | 15.75  | 2.091 | 52.781 | -0.003 |
| 6/27/2007 11:03 | 16     | 2.091 | 52.782 | -0.004 |
| 6/27/2007 11:03 | 16.25  | 2.09  | 52.784 | -0.007 |
| 6/27/2007 11:03 | 16.5   | 2.09  | 52.784 | -0.005 |
| 6/27/2007 11:03 | 16.75  | 2.091 | 52.782 | -0.005 |
| 6/27/2007 11:03 | 17     | 2.091 | 52.776 | -0.003 |
| 6/27/2007 11:03 | 17.25  | 2.09  | 52.778 | -0.005 |
| 6/27/2007 11:03 | 17.5   | 2.091 | 52.776 | -0.003 |
| 6/27/2007 11:03 | 17.75  | 2.09  | 52.776 | -0.005 |
| 6/27/2007 11:03 | 18     | 2.091 | 52.776 | -0.004 |
| 6/27/2007 11:03 | 18.25  | 2.089 | 52.775 | -0.008 |
| 6/27/2007 11:03 | 18.5   | 2.091 | 52.771 | -0.003 |
| 6/27/2007 11:03 | 18.75  | 2.09  | 52.776 | -0.006 |
| 6/27/2007 11:03 | 19     | 2.091 | 52.771 | -0.003 |
| 6/27/2007 11:03 | 19.25  | 2.091 | 52.766 | -0.004 |
| 6/27/2007 11:03 | 19.5   | 2.09  | 52.767 | -0.006 |
| 6/27/2007 11:03 | 19.75  | 2.09  | 52.773 | -0.006 |
| 6/27/2007 11:03 | 20     | 2.09  | 52.77  | -0.006 |
| 6/27/2007 11:03 | 20.25  | 2.091 | 52.769 | -0.004 |
| 6/27/2007 11:03 | 20.5   | 2.09  | 52.759 | -0.005 |
| 6/27/2007 11:03 | 20.752 | 2.09  | 52.77  | -0.005 |

|                 |       |       |        |        |
|-----------------|-------|-------|--------|--------|
| 6/27/2007 11:03 | 21    | 2.092 | 52.762 | -0.002 |
| 6/27/2007 11:03 | 21.25 | 2.09  | 52.78  | -0.005 |
| 6/27/2007 11:03 | 21.5  | 2.091 | 52.771 | -0.003 |
| 6/27/2007 11:03 | 21.75 | 2.09  | 52.77  | -0.006 |
| 6/27/2007 11:03 | 22    | 2.09  | 52.767 | -0.006 |
| 6/27/2007 11:03 | 22.25 | 2.091 | 52.759 | -0.004 |
| 6/27/2007 11:03 | 22.5  | 2.091 | 52.765 | -0.004 |
| 6/27/2007 11:03 | 22.75 | 2.09  | 52.759 | -0.005 |
| 6/27/2007 11:03 | 23    | 2.09  | 52.762 | -0.005 |
| 6/27/2007 11:03 | 23.25 | 2.091 | 52.76  | -0.003 |
| 6/27/2007 11:03 | 23.5  | 2.092 | 52.759 | -0.002 |
| 6/27/2007 11:03 | 23.75 | 2.091 | 52.757 | -0.005 |
| 6/27/2007 11:03 | 24    | 2.089 | 52.753 | -0.007 |
| 6/27/2007 11:03 | 24.25 | 2.091 | 52.756 | -0.003 |
| 6/27/2007 11:03 | 24.5  | 2.091 | 52.751 | -0.003 |
| 6/27/2007 11:03 | 24.75 | 2.091 | 52.75  | -0.003 |
| 6/27/2007 11:03 | 25    | 2.092 | 52.748 | -0.001 |
| 6/27/2007 11:03 | 25.25 | 2.09  | 52.753 | -0.005 |
| 6/27/2007 11:03 | 25.5  | 2.091 | 52.754 | -0.004 |
| 6/27/2007 11:03 | 25.75 | 2.091 | 52.747 | -0.003 |
| 6/27/2007 11:03 | 26    | 2.091 | 52.747 | -0.004 |
| 6/27/2007 11:03 | 26.25 | 2.091 | 52.746 | -0.003 |
| 6/27/2007 11:03 | 26.5  | 2.091 | 52.745 | -0.004 |
| 6/27/2007 11:03 | 26.75 | 2.09  | 52.748 | -0.007 |
| 6/27/2007 11:03 | 27    | 2.089 | 52.748 | -0.008 |
| 6/27/2007 11:03 | 27.25 | 2.091 | 52.748 | -0.003 |
| 6/27/2007 11:03 | 27.5  | 2.09  | 52.745 | -0.005 |
| 6/27/2007 11:03 | 27.75 | 2.091 | 52.746 | -0.004 |
| 6/27/2007 11:03 | 28    | 2.091 | 52.742 | -0.003 |
| 6/27/2007 11:03 | 28.25 | 2.09  | 52.744 | -0.006 |
| 6/27/2007 11:03 | 28.5  | 2.092 | 52.735 | -0.002 |
| 6/27/2007 11:03 | 28.75 | 2.092 | 52.741 | -0.002 |
| 6/27/2007 11:03 | 29    | 2.09  | 52.739 | -0.005 |
| 6/27/2007 11:03 | 29.25 | 2.091 | 52.74  | -0.003 |
| 6/27/2007 11:03 | 29.5  | 2.091 | 52.737 | -0.003 |
| 6/27/2007 11:03 | 29.75 | 2.092 | 52.736 | -0.002 |
| 6/27/2007 11:03 | 30    | 2.091 | 52.736 | -0.003 |
| 6/27/2007 11:03 | 30.25 | 2.091 | 52.734 | -0.002 |
| 6/27/2007 11:03 | 30.5  | 2.09  | 52.733 | -0.005 |
| 6/27/2007 11:03 | 30.75 | 2.091 | 52.736 | -0.003 |
| 6/27/2007 11:03 | 31    | 2.092 | 52.731 | -0.002 |
| 6/27/2007 11:03 | 31.25 | 2.091 | 52.731 | -0.004 |
| 6/27/2007 11:03 | 31.5  | 2.092 | 52.727 | -0.001 |
| 6/27/2007 11:03 | 31.75 | 2.091 | 52.73  | -0.004 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/27/2007 11:03 | 32     | 2.091 | 52.726 | -0.003 |
| 6/27/2007 11:03 | 32.25  | 2.091 | 52.731 | -0.003 |
| 6/27/2007 11:03 | 32.5   | 2.091 | 52.728 | -0.004 |
| 6/27/2007 11:03 | 32.75  | 2.092 | 52.722 | -0.002 |
| 6/27/2007 11:03 | 33     | 2.092 | 52.728 | -0.002 |
| 6/27/2007 11:03 | 33.25  | 2.092 | 52.726 | -0.001 |
| 6/27/2007 11:03 | 33.5   | 2.092 | 52.747 | -0.002 |
| 6/27/2007 11:03 | 33.749 | 2.092 | 52.747 | -0.001 |
| 6/27/2007 11:03 | 34     | 2.091 | 52.735 | -0.004 |
| 6/27/2007 11:03 | 34.25  | 2.091 | 52.725 | -0.004 |
| 6/27/2007 11:03 | 34.5   | 2.091 | 52.729 | -0.003 |
| 6/27/2007 11:03 | 34.75  | 2.092 | 52.727 | -0.001 |
| 6/27/2007 11:03 | 35     | 2.091 | 52.722 | -0.003 |
| 6/27/2007 11:03 | 35.25  | 2.092 | 52.723 | 0      |
| 6/27/2007 11:04 | 35.5   | 2.09  | 52.721 | -0.005 |
| 6/27/2007 11:04 | 35.75  | 2.094 | 52.719 | 0.003  |
| 6/27/2007 11:04 | 36     | 2.093 | 52.717 | 0      |
| 6/27/2007 11:04 | 36.25  | 2.093 | 52.721 | 0      |
| 6/27/2007 11:04 | 36.5   | 2.094 | 52.716 | 0.003  |
| 6/27/2007 11:04 | 36.75  | 2.094 | 52.713 | 0.002  |
| 6/27/2007 11:04 | 37     | 2.093 | 52.714 | 0.002  |
| 6/27/2007 11:04 | 37.25  | 2.102 | 52.718 | 0.021  |
| 6/27/2007 11:04 | 37.5   | 2.101 | 52.712 | 0.02   |
| 6/27/2007 11:04 | 37.75  | 2.091 | 52.711 | -0.003 |
| 6/27/2007 11:04 | 38     | 2.099 | 52.715 | 0.015  |
| 6/27/2007 11:04 | 38.25  | 2.094 | 52.705 | 0.003  |
| 6/27/2007 11:04 | 38.5   | 2.114 | 52.71  | 0.049  |
| 6/27/2007 11:04 | 38.75  | 2.056 | 52.708 | -0.084 |
| 6/27/2007 11:04 | 39     | 2.149 | 52.704 | 0.13   |
| 6/27/2007 11:04 | 39.25  | 2.071 | 52.703 | -0.05  |
| 6/27/2007 11:04 | 39.5   | 2.177 | 52.702 | 0.194  |
| 6/27/2007 11:04 | 39.75  | 2.003 | 52.704 | -0.207 |
| 6/27/2007 11:04 | 40     | 2.097 | 52.703 | 0.011  |
| 6/27/2007 11:04 | 40.25  | 2.184 | 52.703 | 0.211  |
| 6/27/2007 11:04 | 40.5   | 2.059 | 52.704 | -0.077 |
| 6/27/2007 11:04 | 40.75  | 2.138 | 52.702 | 0.104  |
| 6/27/2007 11:04 | 41     | 2.111 | 52.702 | 0.043  |
| 6/27/2007 11:04 | 41.25  | 2.136 | 52.695 | 0.101  |
| 6/27/2007 11:04 | 41.5   | 2.064 | 52.694 | -0.065 |
| 6/27/2007 11:04 | 41.75  | 2.118 | 52.696 | 0.06   |
| 6/27/2007 11:04 | 42     | 2.081 | 52.694 | -0.027 |
| 6/27/2007 11:04 | 42.25  | 2.109 | 52.696 | 0.038  |
| 6/27/2007 11:04 | 42.5   | 2.091 | 52.693 | -0.003 |
| 6/27/2007 11:04 | 42.75  | 2.102 | 52.694 | 0.021  |

|                 |       |       |        |        |
|-----------------|-------|-------|--------|--------|
| 6/27/2007 11:04 | 43    | 2.086 | 52.691 | -0.016 |
| 6/27/2007 11:04 | 43.25 | 2.104 | 52.691 | 0.027  |
| 6/27/2007 11:04 | 43.5  | 2.087 | 52.693 | -0.013 |
| 6/27/2007 11:04 | 43.75 | 2.101 | 52.685 | 0.019  |
| 6/27/2007 11:04 | 44    | 2.093 | 52.691 | 0.002  |
| 6/27/2007 11:04 | 44.25 | 2.096 | 52.685 | 0.009  |
| 6/27/2007 11:04 | 44.5  | 2.095 | 52.69  | 0.005  |
| 6/27/2007 11:04 | 44.75 | 2.097 | 52.681 | 0.009  |
| 6/27/2007 11:04 | 45    | 2.098 | 52.683 | 0.013  |
| 6/27/2007 11:04 | 45.25 | 2.095 | 52.68  | 0.005  |
| 6/27/2007 11:04 | 45.5  | 2.097 | 52.679 | 0.01   |
| 6/27/2007 11:04 | 45.75 | 2.095 | 52.684 | 0.006  |
| 6/27/2007 11:04 | 46    | 2.098 | 52.68  | 0.012  |
| 6/27/2007 11:04 | 46.25 | 2.097 | 52.678 | 0.011  |
| 6/27/2007 11:04 | 46.5  | 2.097 | 52.677 | 0.011  |
| 6/27/2007 11:04 | 46.75 | 2.096 | 52.681 | 0.009  |
| 6/27/2007 11:04 | 47    | 2.097 | 52.681 | 0.011  |
| 6/27/2007 11:04 | 47.25 | 2.097 | 52.674 | 0.01   |
| 6/27/2007 11:04 | 47.5  | 2.097 | 52.678 | 0.011  |
| 6/27/2007 11:04 | 47.75 | 2.097 | 52.675 | 0.01   |
| 6/27/2007 11:04 | 48    | 1.94  | 52.674 | -0.351 |
| 6/27/2007 11:04 | 48.25 | 0.878 | 52.67  | -2.804 |
| 6/27/2007 11:04 | 48.5  | 0.968 | 52.669 | -2.596 |
| 6/27/2007 11:04 | 48.75 | 1.795 | 52.673 | -0.687 |
| 6/27/2007 11:04 | 49    | 1.719 | 52.668 | -0.861 |
| 6/27/2007 11:04 | 49.25 | 1.568 | 52.675 | -1.211 |
| 6/27/2007 11:04 | 49.5  | 1.561 | 52.669 | -1.228 |
| 6/27/2007 11:04 | 49.75 | 1.607 | 52.67  | -1.122 |
| 6/27/2007 11:04 | 50    | 1.633 | 52.668 | -1.061 |
| 6/27/2007 11:04 | 50.25 | 1.638 | 52.665 | -1.049 |
| 6/27/2007 11:04 | 50.5  | 1.643 | 52.668 | -1.038 |
| 6/27/2007 11:04 | 50.75 | 1.659 | 52.664 | -1.002 |
| 6/27/2007 11:04 | 51    | 1.669 | 52.668 | -0.977 |
| 6/27/2007 11:04 | 51.25 | 1.678 | 52.666 | -0.956 |
| 6/27/2007 11:04 | 51.5  | 1.689 | 52.664 | -0.932 |
| 6/27/2007 11:04 | 51.75 | 1.701 | 52.66  | -0.904 |
| 6/27/2007 11:04 | 52    | 1.709 | 52.657 | -0.885 |
| 6/27/2007 11:04 | 52.25 | 1.72  | 52.663 | -0.861 |
| 6/27/2007 11:04 | 52.5  | 1.73  | 52.663 | -0.838 |
| 6/27/2007 11:04 | 52.75 | 1.739 | 52.66  | -0.817 |
| 6/27/2007 11:04 | 53    | 1.747 | 52.657 | -0.799 |
| 6/27/2007 11:04 | 53.25 | 1.757 | 52.657 | -0.775 |
| 6/27/2007 11:04 | 53.5  | 1.766 | 52.657 | -0.754 |
| 6/27/2007 11:04 | 53.75 | 1.772 | 52.653 | -0.739 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/27/2007 11:04 | 54     | 1.781 | 52.653 | -0.719 |
| 6/27/2007 11:04 | 54.25  | 1.789 | 52.656 | -0.701 |
| 6/27/2007 11:04 | 54.5   | 1.796 | 52.657 | -0.684 |
| 6/27/2007 11:04 | 54.75  | 1.805 | 52.654 | -0.663 |
| 6/27/2007 11:04 | 55     | 1.811 | 52.65  | -0.65  |
| 6/27/2007 11:04 | 55.25  | 1.819 | 52.648 | -0.631 |
| 6/27/2007 11:04 | 55.5   | 1.825 | 52.652 | -0.617 |
| 6/27/2007 11:04 | 55.75  | 1.832 | 52.649 | -0.601 |
| 6/27/2007 11:04 | 56     | 1.836 | 52.646 | -0.592 |
| 6/27/2007 11:04 | 56.25  | 1.842 | 52.643 | -0.579 |
| 6/27/2007 11:04 | 56.5   | 1.848 | 52.641 | -0.564 |
| 6/27/2007 11:04 | 56.75  | 1.853 | 52.643 | -0.553 |
| 6/27/2007 11:04 | 57     | 1.858 | 52.643 | -0.541 |
| 6/27/2007 11:04 | 57.25  | 1.864 | 52.648 | -0.527 |
| 6/27/2007 11:04 | 57.5   | 1.867 | 52.646 | -0.52  |
| 6/27/2007 11:04 | 57.75  | 1.874 | 52.638 | -0.506 |
| 6/27/2007 11:04 | 58     | 1.877 | 52.638 | -0.499 |
| 6/27/2007 11:04 | 58.25  | 1.882 | 52.641 | -0.487 |
| 6/27/2007 11:04 | 58.531 | 1.884 | 52.637 | -0.481 |
| 6/27/2007 11:04 | 58.75  | 1.887 | 52.642 | -0.476 |
| 6/27/2007 11:04 | 59     | 1.891 | 52.638 | -0.466 |
| 6/27/2007 11:04 | 59.25  | 1.893 | 52.635 | -0.461 |
| 6/27/2007 11:04 | 59.5   | 1.896 | 52.637 | -0.453 |
| 6/27/2007 11:04 | 59.75  | 1.898 | 52.64  | -0.449 |
| 6/27/2007 11:04 | 60     | 1.902 | 52.632 | -0.44  |
| 6/27/2007 11:04 | 60.25  | 1.904 | 52.634 | -0.436 |
| 6/27/2007 11:04 | 60.5   | 1.906 | 52.634 | -0.431 |
| 6/27/2007 11:04 | 60.75  | 1.909 | 52.628 | -0.424 |
| 6/27/2007 11:04 | 61     | 1.909 | 52.628 | -0.423 |
| 6/27/2007 11:04 | 61.25  | 1.911 | 52.629 | -0.418 |
| 6/27/2007 11:04 | 61.5   | 1.914 | 52.629 | -0.411 |
| 6/27/2007 11:04 | 61.75  | 1.914 | 52.631 | -0.411 |
| 6/27/2007 11:04 | 62     | 1.918 | 52.627 | -0.403 |
| 6/27/2007 11:04 | 62.25  | 1.918 | 52.625 | -0.404 |
| 6/27/2007 11:04 | 62.5   | 1.919 | 52.625 | -0.4   |
| 6/27/2007 11:04 | 62.75  | 1.92  | 52.623 | -0.397 |
| 6/27/2007 11:04 | 63     | 1.921 | 52.623 | -0.395 |
| 6/27/2007 11:04 | 63.25  | 1.923 | 52.621 | -0.392 |
| 6/27/2007 11:04 | 63.5   | 1.924 | 52.626 | -0.389 |
| 6/27/2007 11:04 | 63.75  | 1.925 | 52.625 | -0.386 |
| 6/27/2007 11:04 | 64     | 1.925 | 52.616 | -0.386 |
| 6/27/2007 11:04 | 64.25  | 1.927 | 52.618 | -0.383 |
| 6/27/2007 11:04 | 64.5   | 1.928 | 52.616 | -0.379 |
| 6/27/2007 11:04 | 64.75  | 1.928 | 52.609 | -0.381 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/27/2007 11:04 | 65     | 1.93  | 52.613 | -0.375 |
| 6/27/2007 11:04 | 65.25  | 1.929 | 52.615 | -0.377 |
| 6/27/2007 11:04 | 65.5   | 1.931 | 52.615 | -0.374 |
| 6/27/2007 11:04 | 65.75  | 1.932 | 52.608 | -0.371 |
| 6/27/2007 11:04 | 66     | 1.933 | 52.609 | -0.367 |
| 6/27/2007 11:04 | 66.25  | 1.933 | 52.609 | -0.368 |
| 6/27/2007 11:04 | 66.5   | 1.935 | 52.611 | -0.363 |
| 6/27/2007 11:04 | 66.75  | 1.936 | 52.61  | -0.36  |
| 6/27/2007 11:04 | 67     | 1.935 | 52.611 | -0.363 |
| 6/27/2007 11:04 | 67.25  | 1.936 | 52.607 | -0.362 |
| 6/27/2007 11:04 | 67.5   | 1.937 | 52.606 | -0.359 |
| 6/27/2007 11:04 | 67.75  | 1.937 | 52.603 | -0.359 |
| 6/27/2007 11:04 | 68     | 1.938 | 52.605 | -0.358 |
| 6/27/2007 11:04 | 68.25  | 1.939 | 52.603 | -0.354 |
| 6/27/2007 11:04 | 68.5   | 1.938 | 52.6   | -0.358 |
| 6/27/2007 11:04 | 68.75  | 1.939 | 52.603 | -0.355 |
| 6/27/2007 11:04 | 69     | 1.94  | 52.599 | -0.352 |
| 6/27/2007 11:04 | 69.25  | 1.94  | 52.6   | -0.352 |
| 6/27/2007 11:04 | 69.5   | 1.941 | 52.597 | -0.35  |
| 6/27/2007 11:04 | 69.75  | 1.941 | 52.6   | -0.35  |
| 6/27/2007 11:04 | 70     | 1.941 | 52.6   | -0.349 |
| 6/27/2007 11:04 | 70.25  | 1.942 | 52.595 | -0.347 |
| 6/27/2007 11:04 | 70.5   | 1.942 | 52.594 | -0.348 |
| 6/27/2007 11:04 | 70.75  | 1.943 | 52.591 | -0.346 |
| 6/27/2007 11:04 | 71.011 | 1.943 | 52.59  | -0.345 |
| 6/27/2007 11:04 | 71.25  | 1.943 | 52.586 | -0.344 |
| 6/27/2007 11:04 | 71.5   | 1.944 | 52.595 | -0.344 |
| 6/27/2007 11:04 | 71.75  | 1.945 | 52.589 | -0.34  |
| 6/27/2007 11:04 | 72     | 1.945 | 52.591 | -0.341 |
| 6/27/2007 11:04 | 72.25  | 1.945 | 52.59  | -0.342 |
| 6/27/2007 11:04 | 72.5   | 1.945 | 52.589 | -0.34  |
| 6/27/2007 11:04 | 72.75  | 1.945 | 52.583 | -0.341 |
| 6/27/2007 11:04 | 73     | 1.945 | 52.585 | -0.34  |
| 6/27/2007 11:04 | 73.25  | 1.947 | 52.585 | -0.337 |
| 6/27/2007 11:04 | 73.5   | 1.945 | 52.583 | -0.339 |
| 6/27/2007 11:04 | 73.75  | 1.947 | 52.58  | -0.336 |
| 6/27/2007 11:04 | 74     | 1.946 | 52.583 | -0.338 |
| 6/27/2007 11:04 | 74.25  | 1.947 | 52.583 | -0.337 |
| 6/27/2007 11:04 | 74.5   | 1.948 | 52.58  | -0.333 |
| 6/27/2007 11:04 | 74.75  | 1.948 | 52.576 | -0.333 |
| 6/27/2007 11:04 | 75     | 1.949 | 52.578 | -0.332 |
| 6/27/2007 11:04 | 75.25  | 1.947 | 52.573 | -0.336 |
| 6/27/2007 11:04 | 75.5   | 1.949 | 52.573 | -0.331 |
| 6/27/2007 11:04 | 75.75  | 1.948 | 52.576 | -0.333 |

|                 |       |       |        |        |
|-----------------|-------|-------|--------|--------|
| 6/27/2007 11:04 | 76    | 1.948 | 52.572 | -0.333 |
| 6/27/2007 11:04 | 76.25 | 1.949 | 52.572 | -0.332 |
| 6/27/2007 11:04 | 76.5  | 1.95  | 52.57  | -0.328 |
| 6/27/2007 11:04 | 76.75 | 1.95  | 52.569 | -0.329 |
| 6/27/2007 11:04 | 77    | 1.95  | 52.566 | -0.328 |
| 6/27/2007 11:04 | 77.25 | 1.949 | 52.566 | -0.33  |
| 6/27/2007 11:04 | 77.5  | 1.952 | 52.567 | -0.325 |
| 6/27/2007 11:04 | 77.75 | 1.95  | 52.563 | -0.33  |
| 6/27/2007 11:04 | 78    | 1.95  | 52.561 | -0.328 |
| 6/27/2007 11:04 | 78.25 | 1.952 | 52.564 | -0.324 |
| 6/27/2007 11:04 | 78.5  | 1.951 | 52.556 | -0.328 |
| 6/27/2007 11:04 | 78.75 | 1.952 | 52.561 | -0.325 |
| 6/27/2007 11:04 | 79    | 1.95  | 52.56  | -0.329 |
| 6/27/2007 11:04 | 79.25 | 1.952 | 52.556 | -0.323 |
| 6/27/2007 11:04 | 79.5  | 1.952 | 52.556 | -0.325 |
| 6/27/2007 11:04 | 79.75 | 1.953 | 52.556 | -0.322 |
| 6/27/2007 11:04 | 80    | 1.95  | 52.556 | -0.329 |
| 6/27/2007 11:04 | 80.25 | 1.95  | 52.558 | -0.328 |
| 6/27/2007 11:04 | 80.5  | 1.951 | 52.554 | -0.326 |
| 6/27/2007 11:04 | 80.75 | 1.951 | 52.558 | -0.326 |
| 6/27/2007 11:04 | 81    | 1.952 | 52.547 | -0.325 |
| 6/27/2007 11:04 | 81.25 | 1.952 | 52.55  | -0.323 |
| 6/27/2007 11:04 | 81.5  | 1.953 | 52.549 | -0.322 |
| 6/27/2007 11:04 | 81.75 | 1.954 | 52.545 | -0.32  |
| 6/27/2007 11:04 | 82    | 1.952 | 52.544 | -0.323 |
| 6/27/2007 11:04 | 82.25 | 1.955 | 52.544 | -0.318 |
| 6/27/2007 11:04 | 82.5  | 1.954 | 52.538 | -0.319 |
| 6/27/2007 11:04 | 82.75 | 1.956 | 52.544 | -0.316 |
| 6/27/2007 11:04 | 83    | 1.954 | 52.548 | -0.32  |
| 6/27/2007 11:04 | 83.25 | 1.954 | 52.543 | -0.32  |
| 6/27/2007 11:04 | 83.5  | 1.954 | 52.54  | -0.32  |
| 6/27/2007 11:04 | 83.75 | 1.954 | 52.541 | -0.319 |
| 6/27/2007 11:04 | 84    | 1.955 | 52.54  | -0.318 |
| 6/27/2007 11:04 | 84.25 | 1.955 | 52.541 | -0.317 |
| 6/27/2007 11:04 | 84.5  | 1.955 | 52.538 | -0.318 |
| 6/27/2007 11:04 | 84.75 | 1.955 | 52.535 | -0.317 |
| 6/27/2007 11:04 | 85    | 1.955 | 52.536 | -0.316 |
| 6/27/2007 11:04 | 85.25 | 1.956 | 52.532 | -0.316 |
| 6/27/2007 11:04 | 85.5  | 1.955 | 52.529 | -0.318 |
| 6/27/2007 11:04 | 85.75 | 1.955 | 52.534 | -0.316 |
| 6/27/2007 11:04 | 86    | 1.955 | 52.528 | -0.317 |
| 6/27/2007 11:04 | 86.25 | 1.956 | 52.528 | -0.315 |
| 6/27/2007 11:04 | 86.5  | 1.955 | 52.533 | -0.318 |
| 6/27/2007 11:04 | 86.75 | 1.957 | 52.529 | -0.312 |

|                 |       |       |        |        |
|-----------------|-------|-------|--------|--------|
| 6/27/2007 11:04 | 87    | 1.956 | 52.527 | -0.314 |
| 6/27/2007 11:04 | 87.25 | 1.956 | 52.528 | -0.315 |
| 6/27/2007 11:04 | 87.5  | 1.956 | 52.529 | -0.315 |
| 6/27/2007 11:04 | 87.75 | 1.956 | 52.527 | -0.316 |
| 6/27/2007 11:04 | 88    | 1.955 | 52.524 | -0.317 |
| 6/27/2007 11:04 | 88.25 | 1.956 | 52.516 | -0.315 |
| 6/27/2007 11:04 | 88.5  | 1.956 | 52.518 | -0.315 |
| 6/27/2007 11:04 | 88.75 | 1.956 | 52.527 | -0.315 |
| 6/27/2007 11:04 | 89    | 1.956 | 52.515 | -0.315 |
| 6/27/2007 11:04 | 89.25 | 1.957 | 52.518 | -0.312 |
| 6/27/2007 11:04 | 89.5  | 1.956 | 52.516 | -0.315 |
| 6/27/2007 11:04 | 89.75 | 1.957 | 52.515 | -0.314 |
| 6/27/2007 11:04 | 90    | 1.956 | 52.517 | -0.316 |
| 6/27/2007 11:04 | 90.25 | 1.958 | 52.515 | -0.31  |
| 6/27/2007 11:04 | 90.5  | 1.958 | 52.515 | -0.31  |
| 6/27/2007 11:04 | 90.75 | 1.958 | 52.51  | -0.31  |
| 6/27/2007 11:04 | 91    | 1.958 | 52.514 | -0.311 |
| 6/27/2007 11:04 | 91.25 | 1.958 | 52.511 | -0.312 |
| 6/27/2007 11:04 | 91.5  | 1.957 | 52.512 | -0.312 |
| 6/27/2007 11:04 | 91.75 | 1.958 | 52.507 | -0.309 |
| 6/27/2007 11:04 | 92    | 1.958 | 52.509 | -0.31  |
| 6/27/2007 11:04 | 92.25 | 1.957 | 52.506 | -0.312 |
| 6/27/2007 11:04 | 92.5  | 1.958 | 52.504 | -0.31  |
| 6/27/2007 11:04 | 92.75 | 1.958 | 52.506 | -0.311 |
| 6/27/2007 11:04 | 93    | 1.957 | 52.498 | -0.314 |
| 6/27/2007 11:04 | 93.25 | 1.958 | 52.497 | -0.311 |
| 6/27/2007 11:04 | 93.5  | 1.959 | 52.498 | -0.309 |
| 6/27/2007 11:04 | 93.75 | 1.958 | 52.497 | -0.311 |
| 6/27/2007 11:04 | 94    | 1.96  | 52.501 | -0.307 |
| 6/27/2007 11:04 | 94.25 | 1.959 | 52.497 | -0.309 |
| 6/27/2007 11:04 | 94.5  | 1.959 | 52.495 | -0.308 |
| 6/27/2007 11:04 | 94.75 | 1.958 | 52.497 | -0.31  |
| 6/27/2007 11:04 | 95    | 1.96  | 52.496 | -0.307 |
| 6/27/2007 11:04 | 95.25 | 1.958 | 52.495 | -0.31  |
| 6/27/2007 11:05 | 95.5  | 1.959 | 52.487 | -0.309 |
| 6/27/2007 11:05 | 95.75 | 1.97  | 52.492 | -0.283 |
| 6/27/2007 11:05 | 96    | 1.96  | 52.499 | -0.307 |
| 6/27/2007 11:05 | 96.25 | 1.959 | 52.496 | -0.308 |
| 6/27/2007 11:05 | 96.5  | 1.961 | 52.489 | -0.304 |
| 6/27/2007 11:05 | 96.75 | 1.958 | 52.492 | -0.309 |
| 6/27/2007 11:05 | 97    | 1.962 | 52.487 | -0.3   |
| 6/27/2007 11:05 | 97.25 | 1.959 | 52.485 | -0.308 |
| 6/27/2007 11:05 | 97.5  | 1.961 | 52.487 | -0.305 |
| 6/27/2007 11:05 | 97.75 | 1.96  | 52.486 | -0.305 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/27/2007 11:05 | 98     | 1.961 | 52.478 | -0.302 |
| 6/27/2007 11:05 | 98.25  | 1.961 | 52.478 | -0.304 |
| 6/27/2007 11:05 | 98.5   | 1.961 | 52.476 | -0.303 |
| 6/27/2007 11:05 | 98.75  | 1.96  | 52.478 | -0.305 |
| 6/27/2007 11:05 | 99     | 1.962 | 52.476 | -0.301 |
| 6/27/2007 11:05 | 99.25  | 1.962 | 52.479 | -0.302 |
| 6/27/2007 11:05 | 99.5   | 1.96  | 52.474 | -0.306 |
| 6/27/2007 11:05 | 99.75  | 1.962 | 52.478 | -0.302 |
| 6/27/2007 11:05 | 100    | 1.961 | 52.476 | -0.305 |
| 6/27/2007 11:05 | 100.25 | 1.962 | 52.474 | -0.302 |
| 6/27/2007 11:05 | 100.5  | 1.961 | 52.471 | -0.303 |
| 6/27/2007 11:05 | 100.75 | 1.962 | 52.473 | -0.302 |
| 6/27/2007 11:05 | 101    | 1.961 | 52.472 | -0.303 |
| 6/27/2007 11:05 | 101.25 | 1.961 | 52.468 | -0.303 |
| 6/27/2007 11:05 | 101.5  | 1.961 | 52.47  | -0.303 |
| 6/27/2007 11:05 | 101.75 | 1.962 | 52.467 | -0.302 |
| 6/27/2007 11:05 | 102    | 1.962 | 52.467 | -0.302 |
| 6/27/2007 11:05 | 102.25 | 1.962 | 52.466 | -0.302 |
| 6/27/2007 11:05 | 102.5  | 1.961 | 52.463 | -0.305 |
| 6/27/2007 11:05 | 102.75 | 1.962 | 52.468 | -0.301 |
| 6/27/2007 11:05 | 103    | 1.962 | 52.456 | -0.301 |
| 6/27/2007 11:05 | 103.25 | 1.962 | 52.462 | -0.3   |
| 6/27/2007 11:05 | 103.5  | 1.963 | 52.462 | -0.299 |
| 6/27/2007 11:05 | 103.75 | 1.962 | 52.459 | -0.3   |
| 6/27/2007 11:05 | 104    | 1.963 | 52.453 | -0.3   |
| 6/27/2007 11:05 | 104.25 | 1.961 | 52.453 | -0.304 |
| 6/27/2007 11:05 | 104.5  | 1.963 | 52.456 | -0.299 |
| 6/27/2007 11:05 | 104.75 | 1.962 | 52.458 | -0.301 |
| 6/27/2007 11:05 | 105    | 1.961 | 52.454 | -0.303 |
| 6/27/2007 11:05 | 105.25 | 1.961 | 52.453 | -0.304 |
| 6/27/2007 11:05 | 105.5  | 1.962 | 52.45  | -0.302 |
| 6/27/2007 11:05 | 105.75 | 1.962 | 52.45  | -0.302 |
| 6/27/2007 11:05 | 106    | 1.962 | 52.451 | -0.301 |
| 6/27/2007 11:05 | 106.25 | 1.962 | 52.446 | -0.302 |
| 6/27/2007 11:05 | 106.5  | 1.963 | 52.446 | -0.299 |
| 6/27/2007 11:05 | 106.75 | 1.963 | 52.453 | -0.3   |
| 6/27/2007 11:05 | 107    | 1.962 | 52.448 | -0.302 |
| 6/27/2007 11:05 | 107.25 | 1.963 | 52.442 | -0.299 |
| 6/27/2007 11:05 | 107.5  | 1.963 | 52.446 | -0.3   |
| 6/27/2007 11:05 | 107.75 | 1.963 | 52.442 | -0.299 |
| 6/27/2007 11:05 | 108    | 1.964 | 52.437 | -0.297 |
| 6/27/2007 11:05 | 108.25 | 1.963 | 52.458 | -0.298 |
| 6/27/2007 11:05 | 108.5  | 1.964 | 52.455 | -0.298 |
| 6/27/2007 11:05 | 108.75 | 1.963 | 52.444 | -0.298 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/27/2007 11:05 | 109    | 1.963 | 52.446 | -0.299 |
| 6/27/2007 11:05 | 109.25 | 1.964 | 52.44  | -0.297 |
| 6/27/2007 11:05 | 109.5  | 1.964 | 52.44  | -0.297 |
| 6/27/2007 11:05 | 109.75 | 1.964 | 52.439 | -0.298 |
| 6/27/2007 11:05 | 110    | 1.963 | 52.44  | -0.3   |
| 6/27/2007 11:05 | 110.25 | 1.964 | 52.432 | -0.296 |
| 6/27/2007 11:05 | 110.5  | 1.964 | 52.437 | -0.297 |
| 6/27/2007 11:05 | 110.75 | 1.963 | 52.431 | -0.3   |
| 6/27/2007 11:05 | 111    | 1.964 | 52.431 | -0.297 |
| 6/27/2007 11:05 | 111.25 | 1.964 | 52.436 | -0.296 |
| 6/27/2007 11:05 | 111.5  | 1.965 | 52.431 | -0.294 |
| 6/27/2007 11:05 | 111.75 | 1.964 | 52.427 | -0.297 |
| 6/27/2007 11:05 | 112    | 1.965 | 52.427 | -0.295 |
| 6/27/2007 11:05 | 112.25 | 1.964 | 52.423 | -0.296 |
| 6/27/2007 11:05 | 112.5  | 1.966 | 52.422 | -0.293 |
| 6/27/2007 11:05 | 112.75 | 1.964 | 52.426 | -0.298 |
| 6/27/2007 11:05 | 113    | 1.965 | 52.419 | -0.294 |
| 6/27/2007 11:05 | 113.25 | 1.965 | 52.419 | -0.294 |
| 6/27/2007 11:05 | 113.5  | 1.965 | 52.415 | -0.294 |
| 6/27/2007 11:05 | 113.75 | 1.964 | 52.418 | -0.298 |
| 6/27/2007 11:05 | 114    | 1.964 | 52.418 | -0.297 |
| 6/27/2007 11:05 | 114.25 | 1.964 | 52.417 | -0.298 |
| 6/27/2007 11:05 | 114.5  | 1.964 | 52.414 | -0.296 |
| 6/27/2007 11:05 | 114.75 | 1.964 | 52.415 | -0.297 |
| 6/27/2007 11:05 | 115    | 1.966 | 52.412 | -0.293 |
| 6/27/2007 11:05 | 115.25 | 1.966 | 52.416 | -0.293 |
| 6/27/2007 11:05 | 115.5  | 1.964 | 52.413 | -0.296 |
| 6/27/2007 11:05 | 115.75 | 1.967 | 52.414 | -0.289 |
| 6/27/2007 11:05 | 116    | 1.964 | 52.406 | -0.296 |
| 6/27/2007 11:05 | 116.25 | 1.964 | 52.406 | -0.296 |
| 6/27/2007 11:05 | 116.5  | 1.967 | 52.409 | -0.29  |
| 6/27/2007 11:05 | 116.75 | 1.964 | 52.403 | -0.297 |
| 6/27/2007 11:05 | 117    | 1.963 | 52.405 | -0.298 |
| 6/27/2007 11:05 | 117.25 | 1.966 | 52.403 | -0.292 |
| 6/27/2007 11:05 | 117.5  | 1.965 | 52.402 | -0.295 |
| 6/27/2007 11:05 | 117.75 | 1.965 | 52.402 | -0.295 |
| 6/27/2007 11:05 | 118    | 1.965 | 52.403 | -0.295 |
| 6/27/2007 11:05 | 118.25 | 1.965 | 52.4   | -0.293 |
| 6/27/2007 11:05 | 118.5  | 1.964 | 52.4   | -0.297 |
| 6/27/2007 11:05 | 118.75 | 1.967 | 52.393 | -0.29  |
| 6/27/2007 11:05 | 119    | 1.963 | 52.397 | -0.299 |
| 6/27/2007 11:05 | 119.25 | 1.967 | 52.396 | -0.289 |
| 6/27/2007 11:05 | 119.5  | 1.965 | 52.39  | -0.295 |
| 6/27/2007 11:05 | 119.75 | 1.967 | 52.395 | -0.289 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/27/2007 11:05 | 120     | 1.965 | 52.397 | -0.294 |
| 6/27/2007 11:06 | 180     | 1.973 | 51.8   | -0.276 |
| 6/27/2007 11:07 | 240     | 1.976 | 51.56  | -0.268 |
| 6/27/2007 11:08 | 300     | 1.978 | 51.405 | -0.264 |
| 6/27/2007 11:09 | 360     | 1.983 | 51.296 | -0.254 |
| 6/27/2007 11:10 | 420     | 1.982 | 51.318 | -0.255 |
| 6/27/2007 11:11 | 480.053 | 1.982 | 51.333 | -0.255 |
| 6/27/2007 11:12 | 540.112 | 1.985 | 51.334 | -0.249 |
| 6/27/2007 11:13 | 600.024 | 1.986 | 51.255 | -0.245 |
| 6/27/2007 11:14 | 660     | 1.987 | 51.227 | -0.244 |
| 6/27/2007 11:15 | 720     | 1.988 | 51.2   | -0.241 |
| 6/27/2007 11:16 | 780     | 1.988 | 51.19  | -0.242 |
| 6/27/2007 11:17 | 840     | 1.991 | 51.177 | -0.235 |
| 6/27/2007 11:18 | 900     | 1.994 | 51.071 | -0.229 |
| 6/27/2007 11:19 | 960     | 1.994 | 50.955 | -0.229 |
| 6/27/2007 11:20 | 1020    | 1.996 | 50.885 | -0.224 |
| 6/27/2007 11:21 | 1080    | 1.996 | 50.844 | -0.222 |
| 6/27/2007 11:22 | 1140    | 1.997 | 50.806 | -0.221 |
| 6/27/2007 11:23 | 1200    | 1.995 | 50.778 | -0.225 |
| 6/27/2007 11:24 | 1260    | 1.996 | 50.756 | -0.223 |
| 6/27/2007 11:25 | 1320    | 1.999 | 50.733 | -0.215 |

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## Raw Test Data for MW-384 S Rising Head

Report Date: 6/26/2007 11:12  
Report User Name: made  
Report Computer Name: BLUS-MADE

### Log File Properties

File Name mw384s bail 2007-06-26 11.27.25.wsl  
Create Date 6/26/2007 10:27

### Device Properties

Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

### Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw384s bail       |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/26/2007 10:02   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

#### Step: 1

Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

#### Step: 2

Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

### Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.06157 (PSI)     |
| Temperature                   | 52.3906 (F)       |
| Depth of Probe                | 9.37102 (ft)      |

### Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/26/2007 10:01 | User Note: "Level reference initialized to: 0" |
| 6/26/2007 10:02 | Manual Start Command                           |

### Log Data:

Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres30G<br>SN#: 102941<br>Pressure (PSI) | Sensor: Pres30G<br>SN#: 102941<br>Temperature (F) | Sensor: Pres30G<br>SN#: 102941<br>Level-Surface (ft) |
|-----------------|-------------------------|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|
|                 |                         |                                                  |                                                   |                                                      |
| 6/26/2007 10:02 | 0                       | 4.059                                            | 52.084                                            | -0.006                                               |
| 6/26/2007 10:02 | 0.25                    | 4.059                                            | 52.125                                            | -0.005                                               |
| 6/26/2007 10:02 | 0.5                     | 4.059                                            | 52.148                                            | -0.006                                               |
| 6/26/2007 10:02 | 0.753                   | 4.066                                            | 52.165                                            | 0.01                                                 |
| 6/26/2007 10:02 | 1.36                    | 4.061                                            | 52.287                                            | -0.002                                               |
| 6/26/2007 10:02 | 1.566                   | 4.061                                            | 52.283                                            | -0.001                                               |
| 6/26/2007 10:02 | 1.771                   | 4.06                                             | 52.281                                            | -0.005                                               |
| 6/26/2007 10:02 | 1.975                   | 4.06                                             | 52.278                                            | -0.004                                               |
| 6/26/2007 10:02 | 2.629                   | 4.06                                             | 52.369                                            | -0.004                                               |
| 6/26/2007 10:02 | 2.834                   | 4.06                                             | 52.344                                            | -0.003                                               |
| 6/26/2007 10:02 | 3.04                    | 4.058                                            | 52.335                                            | -0.008                                               |
| 6/26/2007 10:02 | 3.244                   | 4.059                                            | 52.332                                            | -0.005                                               |
| 6/26/2007 10:02 | 3.91                    | 4.058                                            | 52.402                                            | -0.008                                               |
| 6/26/2007 10:02 | 4.115                   | 4.059                                            | 52.384                                            | -0.006                                               |
| 6/26/2007 10:02 | 4.321                   | 4.056                                            | 52.367                                            | -0.013                                               |
| 6/26/2007 10:02 | 4.526                   | 4.059                                            | 52.355                                            | -0.006                                               |
| 6/26/2007 10:02 | 5.203                   | 4.059                                            | 52.43                                             | -0.006                                               |
| 6/26/2007 10:02 | 5.409                   | 4.058                                            | 52.4                                              | -0.009                                               |
| 6/26/2007 10:02 | 5.615                   | 4.057                                            | 52.385                                            | -0.009                                               |
| 6/26/2007 10:02 | 5.819                   | 4.057                                            | 52.373                                            | -0.01                                                |
| 6/26/2007 10:02 | 6.096                   | 4.057                                            | 52.383                                            | -0.01                                                |
| 6/26/2007 10:02 | 6.301                   | 4.058                                            | 52.37                                             | -0.009                                               |
| 6/26/2007 10:02 | 6.505                   | 4.057                                            | 52.363                                            | -0.01                                                |
| 6/26/2007 10:02 | 6.709                   | 4.059                                            | 52.356                                            | -0.005                                               |
| 6/26/2007 10:02 | 6.914                   | 4.059                                            | 52.38                                             | -0.007                                               |
| 6/26/2007 10:02 | 7.162                   | 4.056                                            | 52.36                                             | -0.013                                               |
| 6/26/2007 10:02 | 7.366                   | 4.056                                            | 52.357                                            | -0.013                                               |
| 6/26/2007 10:02 | 7.571                   | 4.056                                            | 52.352                                            | -0.013                                               |
| 6/26/2007 10:02 | 7.775                   | 4.057                                            | 52.35                                             | -0.01                                                |
| 6/26/2007 10:02 | 7.98                    | 4.057                                            | 52.345                                            | -0.011                                               |
| 6/26/2007 10:02 | 8.184                   | 4.056                                            | 52.342                                            | -0.012                                               |
| 6/26/2007 10:02 | 8.388                   | 4.056                                            | 52.34                                             | -0.012                                               |
| 6/26/2007 10:02 | 8.593                   | 4.057                                            | 52.346                                            | -0.011                                               |
| 6/26/2007 10:02 | 8.797                   | 4.055                                            | 52.34                                             | -0.016                                               |
| 6/26/2007 10:02 | 9.002                   | 4.057                                            | 52.332                                            | -0.011                                               |
| 6/26/2007 10:02 | 9.207                   | 4.056                                            | 52.339                                            | -0.013                                               |
| 6/26/2007 10:02 | 9.412                   | 4.056                                            | 52.335                                            | -0.012                                               |
| 6/26/2007 10:02 | 9.616                   | 4.055                                            | 52.336                                            | -0.015                                               |
| 6/26/2007 10:02 | 9.82                    | 4.056                                            | 52.333                                            | -0.013                                               |
| 6/26/2007 10:02 | 10.024                  | 4.056                                            | 52.333                                            | -0.014                                               |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/26/2007 10:02 | 10.229 | 4.056 | 52.333 | -0.012 |
| 6/26/2007 10:02 | 10.434 | 4.057 | 52.335 | -0.011 |
| 6/26/2007 10:02 | 10.638 | 4.056 | 52.334 | -0.013 |
| 6/26/2007 10:02 | 10.843 | 4.057 | 52.334 | -0.011 |
| 6/26/2007 10:02 | 11.047 | 4.055 | 52.335 | -0.014 |
| 6/26/2007 10:02 | 11.252 | 4.057 | 52.332 | -0.011 |
| 6/26/2007 10:02 | 11.5   | 4.056 | 52.322 | -0.013 |
| 6/26/2007 10:02 | 11.75  | 4.057 | 52.315 | -0.011 |
| 6/26/2007 10:02 | 12     | 4.056 | 52.306 | -0.013 |
| 6/26/2007 10:02 | 12.25  | 4.056 | 52.305 | -0.012 |
| 6/26/2007 10:02 | 12.5   | 4.055 | 52.301 | -0.014 |
| 6/26/2007 10:02 | 12.75  | 4.056 | 52.301 | -0.013 |
| 6/26/2007 10:02 | 13     | 4.057 | 52.295 | -0.011 |
| 6/26/2007 10:02 | 13.25  | 4.056 | 52.294 | -0.012 |
| 6/26/2007 10:02 | 13.5   | 4.056 | 52.294 | -0.013 |
| 6/26/2007 10:02 | 13.75  | 4.056 | 52.289 | -0.012 |
| 6/26/2007 10:02 | 14.001 | 4.055 | 52.294 | -0.015 |
| 6/26/2007 10:02 | 14.251 | 4.055 | 52.289 | -0.014 |
| 6/26/2007 10:02 | 14.64  | 4.056 | 52.273 | -0.013 |
| 6/26/2007 10:02 | 14.845 | 4.055 | 52.318 | -0.015 |
| 6/26/2007 10:02 | 15.181 | 4.055 | 52.274 | -0.014 |
| 6/26/2007 10:02 | 15.572 | 4.056 | 52.289 | -0.013 |
| 6/26/2007 10:02 | 15.776 | 4.056 | 52.295 | -0.014 |
| 6/26/2007 10:02 | 15.98  | 4.057 | 52.301 | -0.011 |
| 6/26/2007 10:02 | 16.186 | 4.056 | 52.31  | -0.014 |
| 6/26/2007 10:02 | 16.39  | 4.055 | 52.312 | -0.015 |
| 6/26/2007 10:02 | 16.594 | 4.055 | 52.271 | -0.016 |
| 6/26/2007 10:02 | 16.984 | 4.057 | 52.323 | -0.01  |
| 6/26/2007 10:02 | 17.32  | 4.064 | 52.278 | 0.006  |
| 6/26/2007 10:02 | 17.916 | 4.056 | 52.264 | -0.014 |
| 6/26/2007 10:02 | 18.12  | 4.054 | 52.314 | -0.018 |
| 6/26/2007 10:02 | 18.456 | 4.054 | 52.273 | -0.017 |
| 6/26/2007 10:02 | 18.848 | 4.056 | 52.251 | -0.014 |
| 6/26/2007 10:02 | 19.239 | 4.054 | 52.304 | -0.018 |
| 6/26/2007 10:02 | 19.574 | 4.055 | 52.271 | -0.016 |
| 6/26/2007 10:02 | 19.965 | 4.054 | 52.246 | -0.017 |
| 6/26/2007 10:02 | 20.356 | 4.055 | 52.304 | -0.015 |
| 6/26/2007 10:02 | 20.691 | 4.055 | 52.262 | -0.014 |
| 6/26/2007 10:02 | 21.084 | 4.055 | 52.247 | -0.016 |
| 6/26/2007 10:02 | 21.475 | 4.054 | 52.301 | -0.016 |
| 6/26/2007 10:02 | 21.81  | 4.055 | 52.261 | -0.015 |
| 6/26/2007 10:02 | 22.202 | 4.054 | 52.245 | -0.018 |
| 6/26/2007 10:02 | 22.592 | 4.054 | 52.296 | -0.018 |
| 6/26/2007 10:02 | 22.928 | 4.055 | 52.263 | -0.016 |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/26/2007 10:02 | 23.32  | 4.054 | 52.245 | -0.019 |
| 6/26/2007 10:02 | 23.711 | 4.054 | 52.296 | -0.017 |
| 6/26/2007 10:02 | 24.045 | 4.053 | 52.26  | -0.019 |
| 6/26/2007 10:02 | 24.437 | 4.054 | 52.242 | -0.017 |
| 6/26/2007 10:02 | 24.828 | 4.053 | 52.293 | -0.021 |
| 6/26/2007 10:02 | 25.164 | 4.052 | 52.261 | -0.021 |
| 6/26/2007 10:02 | 25.556 | 4.054 | 52.242 | -0.018 |
| 6/26/2007 10:02 | 25.946 | 4.055 | 52.294 | -0.016 |
| 6/26/2007 10:02 | 26.281 | 4.054 | 52.256 | -0.018 |
| 6/26/2007 10:02 | 26.673 | 4.053 | 52.244 | -0.021 |
| 6/26/2007 10:02 | 27.064 | 4.054 | 52.292 | -0.019 |
| 6/26/2007 10:02 | 27.399 | 4.055 | 52.254 | -0.016 |
| 6/26/2007 10:02 | 27.791 | 4.054 | 52.241 | -0.017 |
| 6/26/2007 10:02 | 28.181 | 4.053 | 52.295 | -0.019 |
| 6/26/2007 10:02 | 28.516 | 4.055 | 52.256 | -0.016 |
| 6/26/2007 10:02 | 28.908 | 4.054 | 52.239 | -0.017 |
| 6/26/2007 10:02 | 29.3   | 4.055 | 52.307 | -0.015 |
| 6/26/2007 10:02 | 29.656 | 4.054 | 52.26  | -0.018 |
| 6/26/2007 10:02 | 30.048 | 4.054 | 52.239 | -0.017 |
| 6/26/2007 10:02 | 30.439 | 4.054 | 52.291 | -0.018 |
| 6/26/2007 10:02 | 30.774 | 4.053 | 52.256 | -0.02  |
| 6/26/2007 10:02 | 31.165 | 4.054 | 52.242 | -0.018 |
| 6/26/2007 10:02 | 31.555 | 4.05  | 52.294 | -0.026 |
| 6/26/2007 10:02 | 31.892 | 4.055 | 52.254 | -0.015 |
| 6/26/2007 10:02 | 32.284 | 4.055 | 52.24  | -0.016 |
| 6/26/2007 10:02 | 32.675 | 4.041 | 52.283 | -0.046 |
| 6/26/2007 10:02 | 33.01  | 4.057 | 52.256 | -0.01  |
| 6/26/2007 10:02 | 33.401 | 4.057 | 52.235 | -0.01  |
| 6/26/2007 10:02 | 33.792 | 4.05  | 52.289 | -0.027 |
| 6/26/2007 10:02 | 34.128 | 4.056 | 52.252 | -0.012 |
| 6/26/2007 10:02 | 34.52  | 4.055 | 52.236 | -0.016 |
| 6/26/2007 10:02 | 34.913 | 4.054 | 52.288 | -0.017 |
| 6/26/2007 10:02 | 35.247 | 4.057 | 52.251 | -0.01  |
| 6/26/2007 10:02 | 35.638 | 4.016 | 52.233 | -0.105 |
| 6/26/2007 10:02 | 36.028 | 4.052 | 52.29  | -0.023 |
| 6/26/2007 10:02 | 36.363 | 4.044 | 52.247 | -0.041 |
| 6/26/2007 10:02 | 36.756 | 4.045 | 52.233 | -0.039 |
| 6/26/2007 10:03 | 37.148 | 3.566 | 52.291 | -1.144 |
| 6/26/2007 10:03 | 37.482 | 2.68  | 52.245 | -3.191 |
| 6/26/2007 10:03 | 37.874 | 3.802 | 52.233 | -0.599 |
| 6/26/2007 10:03 | 38.264 | 2.608 | 52.28  | -3.355 |
| 6/26/2007 10:03 | 38.602 | 2.975 | 52.244 | -2.509 |
| 6/26/2007 10:03 | 38.993 | 2.792 | 52.229 | -2.931 |
| 6/26/2007 10:03 | 39.384 | 2.838 | 52.284 | -2.826 |

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|-----------------|--------|-------|--------|--------|
| 6/26/2007 10:03 | 39.719 | 2.877 | 52.244 | -2.735 |
| 6/26/2007 10:03 | 40.111 | 2.851 | 52.233 | -2.796 |
| 6/26/2007 10:03 | 40.501 | 2.913 | 52.281 | -2.651 |
| 6/26/2007 10:03 | 40.836 | 2.91  | 52.236 | -2.66  |
| 6/26/2007 10:03 | 41.228 | 2.937 | 52.252 | -2.597 |
| 6/26/2007 10:03 | 41.665 | 2.96  | 52.288 | -2.543 |
| 6/26/2007 10:03 | 42     | 2.974 | 52.241 | -2.511 |
| 6/26/2007 10:03 | 42.392 | 3     | 52.226 | -2.452 |
| 6/26/2007 10:03 | 42.782 | 3.013 | 52.275 | -2.421 |
| 6/26/2007 10:03 | 43.119 | 3.034 | 52.234 | -2.373 |
| 6/26/2007 10:03 | 43.51  | 3.052 | 52.223 | -2.332 |
| 6/26/2007 10:03 | 43.9   | 3.066 | 52.271 | -2.298 |
| 6/26/2007 10:03 | 44.236 | 3.085 | 52.233 | -2.254 |
| 6/26/2007 10:03 | 44.628 | 3.101 | 52.211 | -2.218 |
| 6/26/2007 10:03 | 45.019 | 3.117 | 52.266 | -2.181 |
| 6/26/2007 10:03 | 45.354 | 3.136 | 52.229 | -2.138 |
| 6/26/2007 10:03 | 45.745 | 3.152 | 52.21  | -2.1   |
| 6/26/2007 10:03 | 46.135 | 3.165 | 52.259 | -2.07  |
| 6/26/2007 10:03 | 46.47  | 3.182 | 52.225 | -2.031 |
| 6/26/2007 10:03 | 46.862 | 3.198 | 52.21  | -1.994 |
| 6/26/2007 10:03 | 47.253 | 3.213 | 52.259 | -1.96  |
| 6/26/2007 10:03 | 47.59  | 3.229 | 52.213 | -1.923 |
| 6/26/2007 10:03 | 47.98  | 3.244 | 52.2   | -1.889 |
| 6/26/2007 10:03 | 48.37  | 3.257 | 52.251 | -1.858 |
| 6/26/2007 10:03 | 48.706 | 3.272 | 52.207 | -1.824 |
| 6/26/2007 10:03 | 49.099 | 3.287 | 52.194 | -1.788 |
| 6/26/2007 10:03 | 49.49  | 3.299 | 52.25  | -1.76  |
| 6/26/2007 10:03 | 49.825 | 3.316 | 52.207 | -1.722 |
| 6/26/2007 10:03 | 50.216 | 3.329 | 52.189 | -1.691 |
| 6/26/2007 10:03 | 50.606 | 3.341 | 52.241 | -1.663 |
| 6/26/2007 10:03 | 50.941 | 3.356 | 52.209 | -1.629 |
| 6/26/2007 10:03 | 51.338 | 3.37  | 52.188 | -1.596 |
| 6/26/2007 10:03 | 51.728 | 3.382 | 52.253 | -1.57  |
| 6/26/2007 10:03 | 52.087 | 3.39  | 52.238 | -1.551 |
| 6/26/2007 10:03 | 52.291 | 3.396 | 52.243 | -1.537 |
| 6/26/2007 10:03 | 52.495 | 3.404 | 52.245 | -1.519 |
| 6/26/2007 10:03 | 52.699 | 3.416 | 52.212 | -1.491 |
| 6/26/2007 10:03 | 53.091 | 3.429 | 52.189 | -1.46  |
| 6/26/2007 10:03 | 53.481 | 3.44  | 52.239 | -1.435 |
| 6/26/2007 10:03 | 53.816 | 3.453 | 52.198 | -1.405 |
| 6/26/2007 10:03 | 54.209 | 3.464 | 52.181 | -1.38  |
| 6/26/2007 10:03 | 54.6   | 3.474 | 52.23  | -1.357 |
| 6/26/2007 10:03 | 54.935 | 3.486 | 52.196 | -1.329 |
| 6/26/2007 10:03 | 55.331 | 3.496 | 52.177 | -1.305 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/26/2007 10:03 | 55.722 | 3.506 | 52.23  | -1.284 |
| 6/26/2007 10:03 | 56.057 | 3.517 | 52.184 | -1.257 |
| 6/26/2007 10:03 | 56.449 | 3.528 | 52.171 | -1.233 |
| 6/26/2007 10:03 | 56.839 | 3.535 | 52.221 | -1.217 |
| 6/26/2007 10:03 | 57.175 | 3.545 | 52.181 | -1.193 |
| 6/26/2007 10:03 | 57.566 | 3.553 | 52.169 | -1.175 |
| 6/26/2007 10:03 | 57.958 | 3.562 | 52.215 | -1.154 |
| 6/26/2007 10:03 | 58.293 | 3.569 | 52.177 | -1.138 |
| 6/26/2007 10:03 | 58.684 | 3.577 | 52.16  | -1.118 |
| 6/26/2007 10:03 | 59.085 | 3.582 | 52.212 | -1.107 |
| 6/26/2007 10:03 | 59.419 | 3.59  | 52.178 | -1.089 |
| 6/26/2007 10:03 | 59.815 | 3.597 | 52.156 | -1.073 |
| 6/26/2007 10:03 | 60.206 | 3.602 | 52.211 | -1.061 |
| 6/26/2007 10:03 | 60.541 | 3.608 | 52.168 | -1.048 |
| 6/26/2007 10:03 | 60.933 | 3.613 | 52.151 | -1.035 |
| 6/26/2007 10:03 | 61.323 | 3.615 | 52.167 | -1.032 |
| 6/26/2007 10:03 | 61.527 | 3.618 | 52.181 | -1.024 |
| 6/26/2007 10:03 | 61.731 | 3.624 | 52.189 | -1.01  |
| 6/26/2007 10:03 | 61.936 | 3.625 | 52.223 | -1.009 |
| 6/26/2007 10:03 | 62.272 | 3.63  | 52.185 | -0.998 |
| 6/26/2007 10:03 | 62.685 | 3.634 | 52.16  | -0.988 |
| 6/26/2007 10:03 | 63.086 | 3.636 | 52.209 | -0.983 |
| 6/26/2007 10:03 | 63.421 | 3.638 | 52.204 | -0.978 |
| 6/26/2007 10:03 | 63.625 | 3.64  | 52.205 | -0.973 |
| 6/26/2007 10:03 | 63.83  | 3.645 | 52.205 | -0.962 |
| 6/26/2007 10:03 | 64.034 | 3.645 | 52.168 | -0.962 |
| 6/26/2007 10:03 | 64.427 | 3.647 | 52.151 | -0.958 |
| 6/26/2007 10:03 | 64.818 | 3.65  | 52.205 | -0.95  |
| 6/26/2007 10:03 | 65.153 | 3.653 | 52.164 | -0.944 |
| 6/26/2007 10:03 | 65.544 | 3.654 | 52.14  | -0.942 |
| 6/26/2007 10:03 | 65.934 | 3.655 | 52.199 | -0.938 |
| 6/26/2007 10:03 | 66.27  | 3.66  | 52.155 | -0.928 |
| 6/26/2007 10:03 | 66.663 | 3.661 | 52.139 | -0.925 |
| 6/26/2007 10:03 | 67.054 | 3.662 | 52.187 | -0.922 |
| 6/26/2007 10:03 | 67.389 | 3.663 | 52.148 | -0.92  |
| 6/26/2007 10:03 | 67.781 | 3.666 | 52.13  | -0.914 |
| 6/26/2007 10:03 | 68.172 | 3.668 | 52.182 | -0.909 |
| 6/26/2007 10:03 | 68.507 | 3.668 | 52.143 | -0.909 |
| 6/26/2007 10:03 | 68.9   | 3.67  | 52.125 | -0.904 |
| 6/26/2007 10:03 | 69.291 | 3.672 | 52.178 | -0.9   |
| 6/26/2007 10:03 | 69.626 | 3.673 | 52.18  | -0.897 |
| 6/26/2007 10:03 | 69.83  | 3.674 | 52.18  | -0.894 |
| 6/26/2007 10:03 | 70.035 | 3.68  | 52.182 | -0.882 |
| 6/26/2007 10:03 | 70.239 | 3.676 | 52.146 | -0.89  |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/26/2007 10:03 | 70.636 | 3.678 | 52.134 | -0.885 |
| 6/26/2007 10:03 | 71.026 | 3.679 | 52.181 | -0.883 |
| 6/26/2007 10:03 | 71.361 | 3.681 | 52.138 | -0.879 |
| 6/26/2007 10:03 | 71.753 | 3.682 | 52.122 | -0.877 |
| 6/26/2007 10:03 | 72.144 | 3.682 | 52.172 | -0.877 |
| 6/26/2007 10:03 | 72.479 | 3.685 | 52.148 | -0.869 |
| 6/26/2007 10:03 | 72.895 | 3.684 | 52.121 | -0.871 |
| 6/26/2007 10:03 | 73.286 | 3.685 | 52.165 | -0.87  |
| 6/26/2007 10:03 | 73.621 | 3.687 | 52.128 | -0.865 |
| 6/26/2007 10:03 | 74.012 | 3.687 | 52.112 | -0.865 |
| 6/26/2007 10:03 | 74.402 | 3.688 | 52.161 | -0.862 |
| 6/26/2007 10:03 | 74.737 | 3.69  | 52.126 | -0.858 |
| 6/26/2007 10:03 | 75.129 | 3.691 | 52.11  | -0.856 |
| 6/26/2007 10:03 | 75.52  | 3.689 | 52.162 | -0.859 |
| 6/26/2007 10:03 | 75.855 | 3.693 | 52.12  | -0.851 |
| 6/26/2007 10:03 | 76.246 | 3.694 | 52.103 | -0.849 |
| 6/26/2007 10:03 | 76.636 | 3.694 | 52.158 | -0.848 |
| 6/26/2007 10:03 | 76.972 | 3.695 | 52.115 | -0.847 |
| 6/26/2007 10:03 | 77.363 | 3.697 | 52.1   | -0.842 |
| 6/26/2007 10:03 | 77.756 | 3.696 | 52.15  | -0.843 |
| 6/26/2007 10:03 | 78.091 | 3.697 | 52.115 | -0.841 |
| 6/26/2007 10:03 | 78.482 | 3.699 | 52.096 | -0.837 |
| 6/26/2007 10:03 | 78.873 | 3.699 | 52.15  | -0.837 |
| 6/26/2007 10:03 | 79.209 | 3.698 | 52.107 | -0.839 |
| 6/26/2007 10:03 | 79.601 | 3.7   | 52.092 | -0.835 |
| 6/26/2007 10:03 | 79.992 | 3.701 | 52.147 | -0.834 |
| 6/26/2007 10:03 | 80.327 | 3.701 | 52.109 | -0.833 |
| 6/26/2007 10:03 | 80.718 | 3.7   | 52.092 | -0.834 |
| 6/26/2007 10:03 | 81.108 | 3.7   | 52.141 | -0.835 |
| 6/26/2007 10:03 | 81.444 | 3.703 | 52.098 | -0.827 |
| 6/26/2007 10:03 | 81.836 | 3.704 | 52.086 | -0.826 |
| 6/26/2007 10:03 | 82.229 | 3.702 | 52.137 | -0.829 |
| 6/26/2007 10:03 | 82.564 | 3.703 | 52.098 | -0.827 |
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| 6/26/2007 10:03 | 83.703 | 3.706 | 52.1   | -0.822 |
| 6/26/2007 10:03 | 84.097 | 3.706 | 52.084 | -0.821 |
| 6/26/2007 10:03 | 84.488 | 3.706 | 52.132 | -0.822 |
| 6/26/2007 10:03 | 84.823 | 3.708 | 52.096 | -0.817 |
| 6/26/2007 10:03 | 85.214 | 3.706 | 52.077 | -0.821 |
| 6/26/2007 10:03 | 85.604 | 3.708 | 52.132 | -0.816 |
| 6/26/2007 10:03 | 85.939 | 3.708 | 52.088 | -0.817 |
| 6/26/2007 10:03 | 86.331 | 3.708 | 52.074 | -0.816 |
| 6/26/2007 10:03 | 86.723 | 3.708 | 52.127 | -0.815 |

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| 6/26/2007 10:03 | 87.059  | 3.709 | 52.085 | -0.813 |
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| 6/26/2007 10:03 | 87.84   | 3.71  | 52.12  | -0.813 |
| 6/26/2007 10:03 | 88.175  | 3.709 | 52.085 | -0.815 |
| 6/26/2007 10:03 | 88.567  | 3.711 | 52.067 | -0.81  |
| 6/26/2007 10:03 | 88.959  | 3.711 | 52.115 | -0.81  |
| 6/26/2007 10:03 | 89.294  | 3.709 | 52.077 | -0.814 |
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| 6/26/2007 10:03 | 91.54   | 3.713 | 52.071 | -0.804 |
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| 6/26/2007 10:03 | 92.322  | 3.713 | 52.108 | -0.804 |
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| 6/26/2007 10:03 | 93.441  | 3.713 | 52.119 | -0.804 |
| 6/26/2007 10:03 | 93.797  | 3.714 | 52.069 | -0.801 |
| 6/26/2007 10:03 | 94.189  | 3.716 | 52.053 | -0.799 |
| 6/26/2007 10:03 | 94.58   | 3.715 | 52.103 | -0.801 |
| 6/26/2007 10:03 | 94.915  | 3.715 | 52.061 | -0.801 |
| 6/26/2007 10:03 | 95.307  | 3.717 | 52.046 | -0.796 |
| 6/26/2007 10:03 | 95.699  | 3.716 | 52.092 | -0.798 |
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| 6/26/2007 10:03 | 96.426  | 3.715 | 52.042 | -0.801 |
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| 6/26/2007 10:04 | 97.153  | 3.717 | 52.058 | -0.796 |
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| 6/26/2007 10:04 | 99.054  | 3.718 | 52.086 | -0.793 |
| 6/26/2007 10:04 | 99.389  | 3.719 | 52.047 | -0.791 |
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| 6/26/2007 10:04 | 100.171 | 3.718 | 52.082 | -0.794 |
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| 6/26/2007 10:04 | 104.274 | 3.723 | 52.025 | -0.783 |
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| 6/26/2007 10:04 | 106.119 | 3.724 | 52.029 | -0.78  |
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| 6/26/2007 10:04 | 106.901 | 3.723 | 52.064 | -0.781 |
| 6/26/2007 10:04 | 107.236 | 3.723 | 52.026 | -0.782 |
| 6/26/2007 10:04 | 107.628 | 3.723 | 52.006 | -0.781 |
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| 6/26/2007 10:04 | 112.491 | 3.725 | 52.049 | -0.776 |
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| 6/26/2007 10:04 | 113.218 | 3.726 | 51.996 | -0.775 |
| 6/26/2007 10:04 | 113.608 | 3.727 | 52.05  | -0.772 |
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| 6/26/2007 10:04 | 114.337 | 3.727 | 51.996 | -0.772 |
| 6/26/2007 10:04 | 114.728 | 3.728 | 52.042 | -0.77  |
| 6/26/2007 10:04 | 115.064 | 3.727 | 52.008 | -0.773 |
| 6/26/2007 10:04 | 115.456 | 3.727 | 51.988 | -0.774 |
| 6/26/2007 10:04 | 115.847 | 3.728 | 52.04  | -0.771 |
| 6/26/2007 10:04 | 116.182 | 3.728 | 52.016 | -0.77  |
| 6/26/2007 10:04 | 116.595 | 3.73  | 51.993 | -0.766 |
| 6/26/2007 10:04 | 116.986 | 3.729 | 52.042 | -0.767 |
| 6/26/2007 10:04 | 117.321 | 3.729 | 52.003 | -0.769 |
| 6/26/2007 10:04 | 117.712 | 3.729 | 51.982 | -0.768 |
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| 6/26/2007 10:04 | 118.44  | 3.729 | 52.031 | -0.769 |
| 6/26/2007 10:04 | 118.645 | 3.729 | 52.033 | -0.768 |
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| 6/26/2007 10:04 | 119.447 | 3.731 | 51.991 | -0.764 |
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| 6/26/2007 10:04 | 120.955 | 3.73  | 52.027 | -0.765 |
| 6/26/2007 10:04 | 121.29  | 3.73  | 51.993 | -0.765 |
| 6/26/2007 10:04 | 121.681 | 3.73  | 51.969 | -0.765 |
| 6/26/2007 10:04 | 122.072 | 3.731 | 52.025 | -0.763 |
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| 6/26/2007 10:04 | 123.191 | 3.731 | 52.019 | -0.762 |
| 6/26/2007 10:04 | 123.526 | 3.733 | 51.981 | -0.758 |
| 6/26/2007 10:04 | 123.917 | 3.731 | 51.967 | -0.762 |
| 6/26/2007 10:04 | 124.307 | 3.732 | 52.019 | -0.761 |
| 6/26/2007 10:04 | 124.644 | 3.732 | 51.984 | -0.761 |
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| 6/26/2007 10:04 | 125.762 | 3.732 | 51.981 | -0.761 |
| 6/26/2007 10:04 | 126.153 | 3.733 | 51.962 | -0.758 |
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| 6/26/2007 10:04 | 127.293 | 3.734 | 51.956 | -0.757 |
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| 6/26/2007 10:04 | 128.41  | 3.734 | 51.963 | -0.755 |
| 6/26/2007 10:04 | 128.802 | 3.733 | 52.008 | -0.759 |
| 6/26/2007 10:04 | 129.137 | 3.734 | 51.974 | -0.756 |
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| 6/26/2007 10:04 | 130.253 | 3.734 | 51.97  | -0.757 |
| 6/26/2007 10:04 | 130.645 | 3.735 | 51.951 | -0.754 |
| 6/26/2007 10:04 | 131.037 | 3.735 | 52.007 | -0.754 |
| 6/26/2007 10:04 | 131.372 | 3.735 | 51.964 | -0.754 |
| 6/26/2007 10:04 | 131.764 | 3.735 | 51.949 | -0.753 |
| 6/26/2007 10:04 | 132.154 | 3.734 | 52.002 | -0.756 |
| 6/26/2007 10:04 | 132.491 | 3.736 | 51.961 | -0.753 |
| 6/26/2007 10:04 | 132.883 | 3.735 | 51.948 | -0.754 |
| 6/26/2007 10:04 | 133.274 | 3.734 | 51.997 | -0.755 |
| 6/26/2007 10:04 | 133.608 | 3.737 | 51.96  | -0.75  |
| 6/26/2007 10:04 | 134     | 3.736 | 51.951 | -0.753 |
| 6/26/2007 10:04 | 134.391 | 3.735 | 51.996 | -0.753 |
| 6/26/2007 10:04 | 134.726 | 3.735 | 51.958 | -0.754 |
| 6/26/2007 10:04 | 135.118 | 3.736 | 51.941 | -0.753 |
| 6/26/2007 10:04 | 135.509 | 3.736 | 51.996 | -0.751 |

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| 6/26/2007 10:04 | 135.844 | 3.737 | 51.956 | -0.75  |
| 6/26/2007 10:04 | 136.237 | 3.736 | 51.94  | -0.751 |
| 6/26/2007 10:04 | 136.628 | 3.738 | 51.993 | -0.748 |
| 6/26/2007 10:04 | 136.963 | 3.738 | 51.966 | -0.747 |
| 6/26/2007 10:04 | 137.375 | 3.738 | 51.943 | -0.746 |
| 6/26/2007 10:04 | 137.766 | 3.737 | 51.991 | -0.749 |
| 6/26/2007 10:04 | 138.102 | 3.738 | 51.95  | -0.748 |
| 6/26/2007 10:04 | 138.493 | 3.737 | 51.935 | -0.748 |
| 6/26/2007 10:04 | 138.884 | 3.737 | 51.99  | -0.75  |
| 6/26/2007 10:04 | 139.219 | 3.737 | 51.95  | -0.749 |
| 6/26/2007 10:04 | 139.611 | 3.738 | 51.931 | -0.746 |
| 6/26/2007 10:04 | 140.001 | 3.738 | 51.984 | -0.747 |
| 6/26/2007 10:04 | 140.336 | 3.738 | 51.947 | -0.747 |
| 6/26/2007 10:04 | 140.729 | 3.739 | 51.93  | -0.746 |
| 6/26/2007 10:04 | 141.12  | 3.739 | 51.982 | -0.746 |
| 6/26/2007 10:04 | 141.455 | 3.739 | 51.947 | -0.744 |
| 6/26/2007 10:04 | 141.847 | 3.739 | 51.927 | -0.745 |
| 6/26/2007 10:04 | 142.238 | 3.74  | 51.98  | -0.743 |
| 6/26/2007 10:04 | 142.573 | 3.74  | 51.933 | -0.743 |
| 6/26/2007 10:04 | 142.964 | 3.739 | 51.926 | -0.745 |
| 6/26/2007 10:04 | 143.354 | 3.739 | 51.945 | -0.745 |
| 6/26/2007 10:04 | 143.558 | 3.738 | 51.958 | -0.746 |
| 6/26/2007 10:04 | 143.762 | 3.741 | 51.959 | -0.74  |
| 6/26/2007 10:04 | 143.966 | 3.739 | 52     | -0.746 |
| 6/26/2007 10:04 | 144.303 | 3.74  | 51.954 | -0.743 |
| 6/26/2007 10:04 | 144.696 | 3.74  | 51.931 | -0.743 |
| 6/26/2007 10:04 | 145.087 | 3.739 | 51.979 | -0.745 |
| 6/26/2007 10:04 | 145.422 | 3.739 | 51.94  | -0.745 |
| 6/26/2007 10:04 | 145.814 | 3.741 | 51.931 | -0.741 |
| 6/26/2007 10:04 | 146.204 | 3.74  | 51.975 | -0.743 |
| 6/26/2007 10:04 | 146.539 | 3.741 | 51.936 | -0.741 |
| 6/26/2007 10:04 | 146.931 | 3.74  | 51.918 | -0.742 |
| 6/26/2007 10:04 | 147.322 | 3.739 | 51.986 | -0.744 |
| 6/26/2007 10:04 | 147.679 | 3.74  | 51.935 | -0.743 |
| 6/26/2007 10:04 | 148.072 | 3.739 | 51.92  | -0.745 |
| 6/26/2007 10:04 | 148.462 | 3.741 | 51.97  | -0.74  |
| 6/26/2007 10:04 | 148.797 | 3.739 | 51.932 | -0.744 |
| 6/26/2007 10:04 | 149.189 | 3.741 | 51.916 | -0.74  |
| 6/26/2007 10:04 | 149.581 | 3.739 | 51.963 | -0.745 |
| 6/26/2007 10:04 | 149.916 | 3.741 | 51.929 | -0.74  |
| 6/26/2007 10:04 | 150.307 | 3.742 | 51.91  | -0.738 |
| 6/26/2007 10:04 | 150.698 | 3.742 | 51.964 | -0.738 |
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| 6/26/2007 10:04 | 151.425 | 3.742 | 51.907 | -0.738 |

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| 6/26/2007 10:04 | 151.816 | 3.741 | 51.957 | -0.741 |
| 6/26/2007 10:04 | 152.151 | 3.741 | 51.918 | -0.741 |
| 6/26/2007 10:04 | 152.542 | 3.741 | 51.904 | -0.739 |
| 6/26/2007 10:04 | 152.932 | 3.741 | 51.957 | -0.74  |
| 6/26/2007 10:04 | 153.267 | 3.743 | 51.921 | -0.737 |
| 6/26/2007 10:04 | 153.659 | 3.742 | 51.903 | -0.737 |
| 6/26/2007 10:04 | 154.052 | 3.741 | 51.956 | -0.739 |
| 6/26/2007 10:04 | 154.387 | 3.745 | 51.912 | -0.731 |
| 6/26/2007 10:04 | 154.778 | 3.742 | 51.904 | -0.738 |
| 6/26/2007 10:04 | 155.167 | 3.743 | 51.955 | -0.736 |
| 6/26/2007 10:04 | 155.503 | 3.742 | 51.914 | -0.737 |
| 6/26/2007 10:04 | 155.895 | 3.743 | 51.902 | -0.735 |
| 6/26/2007 10:04 | 156.286 | 3.742 | 51.953 | -0.738 |
| 6/26/2007 10:04 | 156.621 | 3.743 | 51.907 | -0.735 |
| 6/26/2007 10:05 | 157.012 | 3.743 | 51.898 | -0.736 |
| 6/26/2007 10:05 | 157.402 | 3.743 | 51.95  | -0.735 |
| 6/26/2007 10:05 | 157.737 | 3.744 | 51.925 | -0.733 |
| 6/26/2007 10:05 | 158.15  | 3.744 | 51.899 | -0.733 |
| 6/26/2007 10:05 | 158.542 | 3.744 | 51.948 | -0.732 |
| 6/26/2007 10:05 | 158.878 | 3.744 | 51.912 | -0.734 |
| 6/26/2007 10:05 | 159.27  | 3.743 | 51.893 | -0.735 |
| 6/26/2007 10:05 | 159.661 | 3.745 | 51.944 | -0.731 |
| 6/26/2007 10:05 | 159.996 | 3.743 | 51.905 | -0.734 |
| 6/26/2007 10:05 | 160.387 | 3.743 | 51.924 | -0.736 |
| 6/26/2007 10:05 | 160.591 | 3.744 | 51.93  | -0.733 |
| 6/26/2007 10:05 | 160.795 | 3.745 | 51.93  | -0.731 |
| 6/26/2007 10:05 | 160.999 | 3.743 | 51.91  | -0.735 |
| 6/26/2007 10:05 | 161.389 | 3.744 | 51.951 | -0.733 |
| 6/26/2007 10:05 | 161.725 | 3.745 | 51.912 | -0.73  |
| 6/26/2007 10:05 | 162.117 | 3.745 | 51.894 | -0.732 |
| 6/26/2007 10:05 | 162.509 | 3.746 | 51.951 | -0.729 |
| 6/26/2007 10:05 | 162.845 | 3.745 | 51.908 | -0.731 |
| 6/26/2007 10:05 | 163.237 | 3.744 | 51.89  | -0.734 |
| 6/26/2007 10:05 | 163.628 | 3.743 | 51.94  | -0.735 |
| 6/26/2007 10:05 | 163.963 | 3.744 | 51.901 | -0.733 |
| 6/26/2007 10:05 | 164.354 | 3.744 | 51.886 | -0.733 |
| 6/26/2007 10:05 | 164.744 | 3.745 | 51.942 | -0.731 |
| 6/26/2007 10:05 | 165.08  | 3.746 | 51.901 | -0.729 |
| 6/26/2007 10:05 | 165.472 | 3.745 | 51.884 | -0.73  |
| 6/26/2007 10:05 | 165.863 | 3.745 | 51.939 | -0.732 |
| 6/26/2007 10:05 | 166.199 | 3.745 | 51.901 | -0.731 |
| 6/26/2007 10:05 | 166.589 | 3.746 | 51.909 | -0.73  |
| 6/26/2007 10:05 | 166.795 | 3.745 | 51.918 | -0.731 |
| 6/26/2007 10:05 | 166.999 | 3.746 | 51.926 | -0.729 |

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| 6/26/2007 10:05 | 167.203  | 3.746 | 51.893 | -0.728 |
| 6/26/2007 10:05 | 180.001  | 3.75  | 51.763 | -0.72  |
| 6/26/2007 10:06 | 240.001  | 3.761 | 51.532 | -0.695 |
| 6/26/2007 10:07 | 300.188  | 3.77  | 51.424 | -0.674 |
| 6/26/2007 10:08 | 360.001  | 3.773 | 51.368 | -0.666 |
| 6/26/2007 10:09 | 420.001  | 3.779 | 51.321 | -0.652 |
| 6/26/2007 10:10 | 480.023  | 3.784 | 51.302 | -0.641 |
| 6/26/2007 10:11 | 540.126  | 3.788 | 51.26  | -0.632 |
| 6/26/2007 10:12 | 600.14   | 3.793 | 51.178 | -0.621 |
| 6/26/2007 10:13 | 660.001  | 3.794 | 51.153 | -0.618 |
| 6/26/2007 10:14 | 720.001  | 3.795 | 51.136 | -0.615 |
| 6/26/2007 10:15 | 780.113  | 3.798 | 51.105 | -0.608 |
| 6/26/2007 10:16 | 840.07   | 3.802 | 51.109 | -0.6   |
| 6/26/2007 10:17 | 900.083  | 3.803 | 51.034 | -0.598 |
| 6/26/2007 10:18 | 960      | 3.806 | 50.931 | -0.589 |
| 6/26/2007 10:19 | 1020     | 3.808 | 50.846 | -0.587 |
| 6/26/2007 10:20 | 1080     | 3.809 | 50.783 | -0.584 |
| 6/26/2007 10:21 | 1140     | 3.811 | 50.745 | -0.579 |
| 6/26/2007 10:22 | 1200     | 3.812 | 50.714 | -0.577 |
| 6/26/2007 10:23 | 1260.001 | 3.812 | 50.69  | -0.577 |
| 6/26/2007 10:24 | 1320     | 3.814 | 50.672 | -0.572 |

---

## Raw Test Data for MW-384 F Falling Head

Report Date: 6/26/2007 11:12  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name mw384s slug 2007-06-26 11.54.02.wsl  
Create Date 6/26/2007 10:53

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw384s slug       |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/26/2007 10:28   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

#### Step: 1

Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

#### Step: 2

Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

### Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 3.81154 (PSI)     |
| Temperature                   | 50.6785 (F)       |
| Depth of Probe                | 8.80072 (ft)      |

Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/26/2007 10:27 | User Note: "Level reference initialized to: 0" |
| 6/26/2007 10:27 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/26/2007 10:27 | 0                       | 3.818                           | 50.625                          | 0.014                           |
| 6/26/2007 10:27 | 0.25                    | 3.817                           | 50.668                          | 0.013                           |
| 6/26/2007 10:27 | 0.5                     | 3.817                           | 50.69                           | 0.012                           |
| 6/26/2007 10:27 | 0.75                    | 3.819                           | 50.705                          | 0.017                           |
| 6/26/2007 10:27 | 1.393                   | 3.818                           | 50.844                          | 0.015                           |
| 6/26/2007 10:27 | 1.598                   | 3.819                           | 50.836                          | 0.018                           |
| 6/26/2007 10:27 | 1.804                   | 3.817                           | 50.835                          | 0.014                           |
| 6/26/2007 10:27 | 2.009                   | 3.818                           | 50.834                          | 0.016                           |
| 6/26/2007 10:27 | 2.662                   | 3.819                           | 50.918                          | 0.017                           |
| 6/26/2007 10:27 | 2.867                   | 3.82                            | 50.903                          | 0.019                           |
| 6/26/2007 10:27 | 3.072                   | 3.816                           | 50.891                          | 0.01                            |
| 6/26/2007 10:27 | 3.277                   | 3.818                           | 50.887                          | 0.014                           |
| 6/26/2007 10:27 | 3.941                   | 3.818                           | 50.962                          | 0.014                           |
| 6/26/2007 10:27 | 4.147                   | 3.818                           | 50.941                          | 0.015                           |
| 6/26/2007 10:27 | 4.352                   | 3.816                           | 50.925                          | 0.01                            |
| 6/26/2007 10:27 | 4.558                   | 3.819                           | 50.917                          | 0.018                           |
| 6/26/2007 10:27 | 5.237                   | 3.818                           | 50.99                           | 0.016                           |
| 6/26/2007 10:27 | 5.442                   | 3.818                           | 50.967                          | 0.014                           |
| 6/26/2007 10:27 | 5.648                   | 3.816                           | 50.951                          | 0.009                           |
| 6/26/2007 10:27 | 5.853                   | 3.815                           | 50.941                          | 0.008                           |
| 6/26/2007 10:27 | 6.184                   | 3.816                           | 50.901                          | 0.011                           |
| 6/26/2007 10:27 | 6.393                   | 3.816                           | 50.902                          | 0.01                            |
| 6/26/2007 10:27 | 6.597                   | 3.816                           | 50.905                          | 0.011                           |
| 6/26/2007 10:27 | 6.802                   | 3.815                           | 50.912                          | 0.008                           |
| 6/26/2007 10:27 | 7.007                   | 3.816                           | 50.908                          | 0.01                            |
| 6/26/2007 10:27 | 7.212                   | 3.816                           | 50.912                          | 0.01                            |
| 6/26/2007 10:27 | 7.416                   | 3.815                           | 50.909                          | 0.008                           |
| 6/26/2007 10:27 | 7.622                   | 3.817                           | 50.907                          | 0.012                           |
| 6/26/2007 10:27 | 7.826                   | 3.817                           | 50.917                          | 0.012                           |
| 6/26/2007 10:27 | 8.053                   | 3.816                           | 50.914                          | 0.011                           |
| 6/26/2007 10:27 | 8.258                   | 3.816                           | 50.91                           | 0.011                           |
| 6/26/2007 10:27 | 8.462                   | 3.816                           | 50.912                          | 0.01                            |
| 6/26/2007 10:27 | 8.667                   | 3.816                           | 50.906                          | 0.011                           |
| 6/26/2007 10:27 | 8.871                   | 3.815                           | 50.915                          | 0.009                           |
| 6/26/2007 10:27 | 9.075                   | 3.815                           | 50.915                          | 0.008                           |
| 6/26/2007 10:27 | 9.279                   | 3.816                           | 50.915                          | 0.01                            |
| 6/26/2007 10:27 | 9.483                   | 3.815                           | 50.912                          | 0.009                           |
| 6/26/2007 10:27 | 9.687                   | 3.816                           | 50.911                          | 0.009                           |
| 6/26/2007 10:27 | 9.892                   | 3.816                           | 50.914                          | 0.011                           |
| 6/26/2007 10:27 | 10.096                  | 3.814                           | 50.916                          | 0.006                           |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/26/2007 10:27 | 10.302 | 3.816 | 50.912 | 0.011 |
| 6/26/2007 10:27 | 10.508 | 3.815 | 50.922 | 0.008 |
| 6/26/2007 10:27 | 10.712 | 3.816 | 50.918 | 0.01  |
| 6/26/2007 10:27 | 10.916 | 3.815 | 50.913 | 0.008 |
| 6/26/2007 10:27 | 11.12  | 3.816 | 50.918 | 0.01  |
| 6/26/2007 10:27 | 11.324 | 3.816 | 50.922 | 0.011 |
| 6/26/2007 10:27 | 11.529 | 3.816 | 50.917 | 0.01  |
| 6/26/2007 10:27 | 11.75  | 3.816 | 50.915 | 0.01  |
| 6/26/2007 10:27 | 12     | 3.816 | 50.903 | 0.01  |
| 6/26/2007 10:27 | 12.25  | 3.815 | 50.905 | 0.009 |
| 6/26/2007 10:27 | 12.5   | 3.815 | 50.897 | 0.008 |
| 6/26/2007 10:27 | 12.75  | 3.817 | 50.9   | 0.012 |
| 6/26/2007 10:27 | 13.146 | 3.817 | 50.871 | 0.012 |
| 6/26/2007 10:27 | 13.351 | 3.816 | 50.921 | 0.01  |
| 6/26/2007 10:27 | 13.686 | 3.816 | 50.877 | 0.01  |
| 6/26/2007 10:27 | 14.077 | 3.816 | 50.889 | 0.01  |
| 6/26/2007 10:27 | 14.281 | 3.816 | 50.901 | 0.011 |
| 6/26/2007 10:27 | 14.486 | 3.816 | 50.904 | 0.011 |
| 6/26/2007 10:27 | 14.69  | 3.816 | 50.907 | 0.01  |
| 6/26/2007 10:27 | 14.895 | 3.817 | 50.917 | 0.012 |
| 6/26/2007 10:27 | 15.1   | 3.817 | 50.887 | 0.012 |
| 6/26/2007 10:27 | 15.495 | 3.815 | 50.925 | 0.008 |
| 6/26/2007 10:27 | 15.831 | 3.815 | 50.888 | 0.008 |
| 6/26/2007 10:27 | 16.228 | 3.816 | 50.872 | 0.009 |
| 6/26/2007 10:27 | 16.619 | 3.815 | 50.919 | 0.007 |
| 6/26/2007 10:27 | 16.955 | 3.816 | 50.889 | 0.01  |
| 6/26/2007 10:27 | 17.346 | 3.815 | 50.863 | 0.009 |
| 6/26/2007 10:27 | 17.737 | 3.817 | 50.912 | 0.012 |
| 6/26/2007 10:27 | 18.072 | 3.817 | 50.903 | 0.012 |
| 6/26/2007 10:27 | 18.67  | 3.815 | 50.877 | 0.008 |
| 6/26/2007 10:27 | 18.875 | 3.817 | 50.926 | 0.012 |
| 6/26/2007 10:27 | 19.21  | 3.816 | 50.89  | 0.011 |
| 6/26/2007 10:28 | 19.605 | 3.817 | 50.878 | 0.013 |
| 6/26/2007 10:28 | 19.995 | 3.817 | 50.928 | 0.012 |
| 6/26/2007 10:28 | 20.33  | 3.817 | 50.892 | 0.012 |
| 6/26/2007 10:28 | 20.722 | 3.816 | 50.873 | 0.01  |
| 6/26/2007 10:28 | 21.114 | 3.816 | 50.928 | 0.01  |
| 6/26/2007 10:28 | 21.449 | 3.816 | 50.898 | 0.011 |
| 6/26/2007 10:28 | 21.843 | 3.816 | 50.879 | 0.01  |
| 6/26/2007 10:28 | 22.234 | 3.815 | 50.934 | 0.009 |
| 6/26/2007 10:28 | 22.569 | 3.816 | 50.901 | 0.011 |
| 6/26/2007 10:28 | 22.961 | 3.816 | 50.877 | 0.01  |
| 6/26/2007 10:28 | 23.352 | 3.816 | 50.937 | 0.009 |
| 6/26/2007 10:28 | 23.687 | 3.816 | 50.901 | 0.01  |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/26/2007 10:28 | 24.083 | 3.815 | 50.884 | 0.009 |
| 6/26/2007 10:28 | 24.475 | 3.815 | 50.941 | 0.009 |
| 6/26/2007 10:28 | 24.81  | 3.816 | 50.903 | 0.011 |
| 6/26/2007 10:28 | 25.2   | 3.816 | 50.887 | 0.009 |
| 6/26/2007 10:28 | 25.592 | 3.815 | 50.942 | 0.009 |
| 6/26/2007 10:28 | 25.928 | 3.816 | 50.907 | 0.011 |
| 6/26/2007 10:28 | 26.32  | 3.817 | 50.892 | 0.013 |
| 6/26/2007 10:28 | 26.711 | 3.815 | 50.944 | 0.008 |
| 6/26/2007 10:28 | 27.045 | 3.816 | 50.912 | 0.009 |
| 6/26/2007 10:28 | 27.436 | 3.816 | 50.893 | 0.011 |
| 6/26/2007 10:28 | 27.827 | 3.816 | 50.949 | 0.011 |
| 6/26/2007 10:28 | 28.163 | 3.815 | 50.912 | 0.009 |
| 6/26/2007 10:28 | 28.554 | 3.816 | 50.899 | 0.011 |
| 6/26/2007 10:28 | 28.945 | 3.816 | 50.95  | 0.011 |
| 6/26/2007 10:28 | 29.28  | 3.816 | 50.912 | 0.01  |
| 6/26/2007 10:28 | 29.672 | 3.816 | 50.901 | 0.01  |
| 6/26/2007 10:28 | 30.064 | 3.818 | 50.972 | 0.016 |
| 6/26/2007 10:28 | 30.422 | 3.815 | 50.955 | 0.009 |
| 6/26/2007 10:28 | 30.626 | 3.816 | 50.963 | 0.011 |
| 6/26/2007 10:28 | 30.831 | 3.814 | 50.967 | 0.006 |
| 6/26/2007 10:28 | 31.035 | 3.814 | 50.931 | 0.006 |
| 6/26/2007 10:28 | 31.428 | 3.816 | 50.917 | 0.011 |
| 6/26/2007 10:28 | 31.819 | 3.815 | 50.969 | 0.008 |
| 6/26/2007 10:28 | 32.154 | 3.816 | 50.932 | 0.011 |
| 6/26/2007 10:28 | 32.546 | 3.815 | 50.916 | 0.008 |
| 6/26/2007 10:28 | 32.936 | 3.816 | 50.969 | 0.01  |
| 6/26/2007 10:28 | 33.272 | 3.816 | 50.933 | 0.011 |
| 6/26/2007 10:28 | 33.667 | 3.815 | 50.921 | 0.008 |
| 6/26/2007 10:28 | 34.057 | 3.816 | 50.973 | 0.01  |
| 6/26/2007 10:28 | 34.394 | 3.816 | 50.933 | 0.01  |
| 6/26/2007 10:28 | 34.785 | 3.816 | 50.919 | 0.01  |
| 6/26/2007 10:28 | 35.177 | 3.816 | 50.97  | 0.01  |
| 6/26/2007 10:28 | 35.513 | 3.816 | 50.937 | 0.011 |
| 6/26/2007 10:28 | 35.908 | 3.816 | 50.918 | 0.01  |
| 6/26/2007 10:28 | 36.3   | 3.815 | 50.974 | 0.009 |
| 6/26/2007 10:28 | 36.635 | 3.814 | 50.937 | 0.006 |
| 6/26/2007 10:28 | 37.026 | 3.816 | 50.922 | 0.01  |
| 6/26/2007 10:28 | 37.416 | 3.817 | 50.978 | 0.012 |
| 6/26/2007 10:28 | 37.751 | 3.816 | 50.944 | 0.009 |
| 6/26/2007 10:28 | 38.147 | 3.818 | 50.927 | 0.014 |
| 6/26/2007 10:28 | 38.538 | 3.817 | 50.984 | 0.012 |
| 6/26/2007 10:28 | 38.874 | 3.816 | 50.941 | 0.011 |
| 6/26/2007 10:28 | 39.265 | 3.816 | 50.926 | 0.011 |
| 6/26/2007 10:28 | 39.656 | 3.816 | 50.982 | 0.011 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/26/2007 10:28 | 39.991 | 3.817 | 50.945 | 0.012 |
| 6/26/2007 10:28 | 40.383 | 3.817 | 50.949 | 0.012 |
| 6/26/2007 10:28 | 40.797 | 3.815 | 50.961 | 0.009 |
| 6/26/2007 10:28 | 41.001 | 3.815 | 50.967 | 0.007 |
| 6/26/2007 10:28 | 41.206 | 3.815 | 50.975 | 0.008 |
| 6/26/2007 10:28 | 41.41  | 3.816 | 51.014 | 0.01  |
| 6/26/2007 10:28 | 41.746 | 3.816 | 50.966 | 0.01  |
| 6/26/2007 10:28 | 42.136 | 3.816 | 50.948 | 0.011 |
| 6/26/2007 10:28 | 42.526 | 3.816 | 50.996 | 0.009 |
| 6/26/2007 10:28 | 42.863 | 3.816 | 50.956 | 0.011 |
| 6/26/2007 10:28 | 43.256 | 3.814 | 50.945 | 0.006 |
| 6/26/2007 10:28 | 43.647 | 3.816 | 50.995 | 0.01  |
| 6/26/2007 10:28 | 43.982 | 3.816 | 50.962 | 0.01  |
| 6/26/2007 10:28 | 44.378 | 3.817 | 50.945 | 0.012 |
| 6/26/2007 10:28 | 44.77  | 3.816 | 50.997 | 0.011 |
| 6/26/2007 10:28 | 45.105 | 3.815 | 50.959 | 0.008 |
| 6/26/2007 10:28 | 45.496 | 3.817 | 50.945 | 0.012 |
| 6/26/2007 10:28 | 45.886 | 3.817 | 51     | 0.012 |
| 6/26/2007 10:28 | 46.222 | 3.817 | 50.962 | 0.012 |
| 6/26/2007 10:28 | 46.613 | 3.819 | 50.951 | 0.016 |
| 6/26/2007 10:28 | 47.006 | 3.833 | 51.003 | 0.05  |
| 6/26/2007 10:28 | 47.342 | 3.815 | 50.967 | 0.008 |
| 6/26/2007 10:28 | 47.733 | 3.823 | 50.95  | 0.027 |
| 6/26/2007 10:28 | 48.123 | 3.822 | 51.004 | 0.025 |
| 6/26/2007 10:28 | 48.459 | 3.823 | 50.966 | 0.027 |
| 6/26/2007 10:28 | 48.851 | 4.236 | 50.955 | 0.981 |
| 6/26/2007 10:28 | 49.242 | 4.247 | 51.006 | 1.005 |
| 6/26/2007 10:28 | 49.576 | 5.013 | 50.975 | 2.774 |
| 6/26/2007 10:28 | 49.973 | 4.757 | 50.959 | 2.184 |
| 6/26/2007 10:28 | 50.365 | 4.317 | 51.014 | 1.168 |
| 6/26/2007 10:28 | 50.7   | 4.613 | 50.99  | 1.851 |
| 6/26/2007 10:28 | 51.115 | 4.4   | 50.966 | 1.36  |
| 6/26/2007 10:28 | 51.507 | 3.918 | 51.017 | 0.247 |
| 6/26/2007 10:28 | 51.848 | 4.264 | 50.984 | 1.045 |
| 6/26/2007 10:28 | 52.245 | 4.273 | 50.961 | 1.067 |
| 6/26/2007 10:28 | 52.635 | 3.843 | 51.016 | 0.074 |
| 6/26/2007 10:28 | 52.97  | 4.377 | 50.981 | 1.306 |
| 6/26/2007 10:28 | 53.362 | 4.034 | 50.963 | 0.513 |
| 6/26/2007 10:28 | 53.753 | 3.866 | 51.015 | 0.126 |
| 6/26/2007 10:28 | 54.088 | 4.205 | 50.982 | 0.909 |
| 6/26/2007 10:28 | 54.484 | 4.137 | 50.967 | 0.752 |
| 6/26/2007 10:28 | 54.875 | 3.995 | 51.015 | 0.424 |
| 6/26/2007 10:28 | 55.21  | 4.126 | 50.984 | 0.727 |
| 6/26/2007 10:28 | 55.602 | 4.136 | 50.966 | 0.749 |

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|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/26/2007 10:28 | 55.992 | 4.056 | 51.024 | 0.565 |
| 6/26/2007 10:28 | 56.328 | 4.103 | 50.984 | 0.673 |
| 6/26/2007 10:28 | 56.721 | 4.124 | 50.972 | 0.722 |
| 6/26/2007 10:28 | 57.112 | 4.084 | 51.028 | 0.629 |
| 6/26/2007 10:28 | 57.447 | 4.098 | 50.988 | 0.661 |
| 6/26/2007 10:28 | 57.838 | 4.114 | 50.973 | 0.699 |
| 6/26/2007 10:28 | 58.228 | 4.095 | 51.022 | 0.656 |
| 6/26/2007 10:28 | 58.564 | 4.1   | 50.995 | 0.665 |
| 6/26/2007 10:28 | 58.96  | 4.108 | 50.976 | 0.685 |
| 6/26/2007 10:28 | 59.351 | 4.101 | 51.029 | 0.667 |
| 6/26/2007 10:28 | 59.685 | 4.1   | 50.99  | 0.665 |
| 6/26/2007 10:28 | 60.077 | 4.104 | 50.979 | 0.675 |
| 6/26/2007 10:28 | 60.467 | 4.103 | 51.029 | 0.673 |
| 6/26/2007 10:28 | 60.803 | 4.102 | 51.02  | 0.67  |
| 6/26/2007 10:28 | 61.233 | 4.102 | 50.988 | 0.671 |
| 6/26/2007 10:28 | 61.623 | 4.101 | 51.036 | 0.669 |
| 6/26/2007 10:28 | 61.959 | 4.103 | 51     | 0.673 |
| 6/26/2007 10:28 | 62.354 | 4.103 | 50.981 | 0.672 |
| 6/26/2007 10:28 | 62.744 | 4.101 | 51.037 | 0.669 |
| 6/26/2007 10:28 | 63.08  | 4.102 | 50.998 | 0.672 |
| 6/26/2007 10:28 | 63.471 | 4.102 | 50.982 | 0.671 |
| 6/26/2007 10:28 | 63.862 | 4.101 | 51.04  | 0.669 |
| 6/26/2007 10:28 | 64.197 | 4.1   | 51.001 | 0.667 |
| 6/26/2007 10:28 | 64.592 | 4.102 | 50.989 | 0.671 |
| 6/26/2007 10:28 | 64.982 | 4.101 | 51.031 | 0.668 |
| 6/26/2007 10:28 | 65.318 | 4.1   | 51.001 | 0.666 |
| 6/26/2007 10:28 | 65.711 | 4.1   | 50.982 | 0.666 |
| 6/26/2007 10:28 | 66.102 | 4.1   | 51.038 | 0.667 |
| 6/26/2007 10:28 | 66.437 | 4.099 | 51.004 | 0.664 |
| 6/26/2007 10:28 | 66.829 | 4.099 | 50.991 | 0.663 |
| 6/26/2007 10:28 | 67.22  | 4.1   | 51.044 | 0.665 |
| 6/26/2007 10:28 | 67.555 | 4.1   | 51.001 | 0.665 |
| 6/26/2007 10:28 | 67.946 | 4.1   | 50.987 | 0.667 |
| 6/26/2007 10:28 | 68.337 | 4.1   | 51.04  | 0.666 |
| 6/26/2007 10:28 | 68.673 | 4.099 | 51.004 | 0.664 |
| 6/26/2007 10:28 | 69.065 | 4.1   | 50.992 | 0.667 |
| 6/26/2007 10:28 | 69.456 | 4.099 | 51.045 | 0.663 |
| 6/26/2007 10:28 | 69.791 | 4.1   | 51.006 | 0.665 |
| 6/26/2007 10:28 | 70.183 | 4.098 | 50.991 | 0.662 |
| 6/26/2007 10:28 | 70.573 | 4.099 | 51.048 | 0.663 |
| 6/26/2007 10:28 | 70.909 | 4.097 | 51.008 | 0.66  |
| 6/26/2007 10:28 | 71.306 | 4.099 | 51.01  | 0.663 |
| 6/26/2007 10:28 | 71.721 | 4.098 | 51.022 | 0.66  |
| 6/26/2007 10:28 | 71.925 | 4.098 | 51.035 | 0.66  |

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|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/26/2007 10:28 | 72.13  | 4.097 | 51.039 | 0.658 |
| 6/26/2007 10:28 | 72.334 | 4.098 | 51.075 | 0.662 |
| 6/26/2007 10:28 | 72.67  | 4.097 | 51.026 | 0.659 |
| 6/26/2007 10:28 | 73.061 | 4.098 | 51.013 | 0.661 |
| 6/26/2007 10:28 | 73.452 | 4.097 | 51.056 | 0.66  |
| 6/26/2007 10:28 | 73.788 | 4.097 | 51.018 | 0.659 |
| 6/26/2007 10:28 | 74.181 | 4.096 | 51.001 | 0.657 |
| 6/26/2007 10:28 | 74.571 | 4.097 | 51.058 | 0.658 |
| 6/26/2007 10:28 | 74.906 | 4.098 | 51.02  | 0.66  |
| 6/26/2007 10:28 | 75.298 | 4.097 | 51.002 | 0.66  |
| 6/26/2007 10:28 | 75.688 | 4.096 | 51.056 | 0.657 |
| 6/26/2007 10:28 | 76.024 | 4.096 | 51.021 | 0.658 |
| 6/26/2007 10:28 | 76.415 | 4.096 | 51.001 | 0.657 |
| 6/26/2007 10:28 | 76.806 | 4.097 | 51.053 | 0.658 |
| 6/26/2007 10:28 | 77.14  | 4.096 | 51.018 | 0.657 |
| 6/26/2007 10:28 | 77.532 | 4.097 | 51.007 | 0.659 |
| 6/26/2007 10:28 | 77.923 | 4.096 | 51.057 | 0.656 |
| 6/26/2007 10:28 | 78.258 | 4.095 | 51.018 | 0.654 |
| 6/26/2007 10:28 | 78.65  | 4.095 | 51.007 | 0.655 |
| 6/26/2007 10:28 | 79.041 | 4.096 | 51.061 | 0.656 |
| 6/26/2007 10:28 | 79.377 | 4.094 | 51.026 | 0.652 |
| 6/26/2007 10:29 | 79.769 | 4.095 | 51.006 | 0.655 |
| 6/26/2007 10:29 | 80.159 | 4.094 | 51.061 | 0.653 |
| 6/26/2007 10:29 | 80.495 | 4.097 | 51.02  | 0.659 |
| 6/26/2007 10:29 | 80.886 | 4.094 | 51.006 | 0.653 |
| 6/26/2007 10:29 | 81.276 | 4.094 | 51.067 | 0.653 |
| 6/26/2007 10:29 | 81.611 | 4.095 | 51.04  | 0.654 |
| 6/26/2007 10:29 | 82.026 | 4.094 | 51.016 | 0.653 |
| 6/26/2007 10:29 | 82.416 | 4.095 | 51.068 | 0.656 |
| 6/26/2007 10:29 | 82.751 | 4.094 | 51.029 | 0.652 |
| 6/26/2007 10:29 | 83.143 | 4.093 | 51.016 | 0.651 |
| 6/26/2007 10:29 | 83.536 | 4.094 | 51.068 | 0.652 |
| 6/26/2007 10:29 | 83.871 | 4.094 | 51.027 | 0.651 |
| 6/26/2007 10:29 | 84.262 | 4.094 | 51.012 | 0.653 |
| 6/26/2007 10:29 | 84.652 | 4.093 | 51.07  | 0.65  |
| 6/26/2007 10:29 | 84.987 | 4.094 | 51.026 | 0.652 |
| 6/26/2007 10:29 | 85.379 | 4.094 | 51.016 | 0.653 |
| 6/26/2007 10:29 | 85.771 | 4.092 | 51.068 | 0.649 |
| 6/26/2007 10:29 | 86.106 | 4.095 | 51.032 | 0.654 |
| 6/26/2007 10:29 | 86.497 | 4.094 | 51.016 | 0.652 |
| 6/26/2007 10:29 | 86.887 | 4.091 | 51.066 | 0.646 |
| 6/26/2007 10:29 | 87.222 | 4.093 | 51.032 | 0.649 |
| 6/26/2007 10:29 | 87.614 | 4.094 | 51.019 | 0.651 |
| 6/26/2007 10:29 | 88.007 | 4.093 | 51.071 | 0.65  |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/26/2007 10:29 | 88.342  | 4.093 | 51.034 | 0.649 |
| 6/26/2007 10:29 | 88.733  | 4.092 | 51.016 | 0.648 |
| 6/26/2007 10:29 | 89.123  | 4.093 | 51.074 | 0.65  |
| 6/26/2007 10:29 | 89.459  | 4.093 | 51.032 | 0.649 |
| 6/26/2007 10:29 | 89.851  | 4.092 | 51.019 | 0.647 |
| 6/26/2007 10:29 | 90.242  | 4.092 | 51.042 | 0.647 |
| 6/26/2007 10:29 | 90.447  | 4.091 | 51.054 | 0.646 |
| 6/26/2007 10:29 | 90.651  | 4.095 | 51.056 | 0.654 |
| 6/26/2007 10:29 | 90.855  | 4.092 | 51.094 | 0.649 |
| 6/26/2007 10:29 | 91.19   | 4.092 | 51.049 | 0.647 |
| 6/26/2007 10:29 | 91.582  | 4.092 | 51.03  | 0.648 |
| 6/26/2007 10:29 | 91.976  | 4.092 | 51.082 | 0.648 |
| 6/26/2007 10:29 | 92.311  | 4.092 | 51.061 | 0.649 |
| 6/26/2007 10:29 | 92.726  | 4.093 | 51.034 | 0.649 |
| 6/26/2007 10:29 | 93.117  | 4.092 | 51.085 | 0.648 |
| 6/26/2007 10:29 | 93.452  | 4.091 | 51.049 | 0.645 |
| 6/26/2007 10:29 | 93.848  | 4.092 | 51.027 | 0.648 |
| 6/26/2007 10:29 | 94.24   | 4.091 | 51.084 | 0.646 |
| 6/26/2007 10:29 | 94.575  | 4.092 | 51.045 | 0.646 |
| 6/26/2007 10:29 | 94.966  | 4.091 | 51.029 | 0.645 |
| 6/26/2007 10:29 | 95.355  | 4.092 | 51.079 | 0.647 |
| 6/26/2007 10:29 | 95.691  | 4.091 | 51.045 | 0.644 |
| 6/26/2007 10:29 | 96.087  | 4.091 | 51.028 | 0.645 |
| 6/26/2007 10:29 | 96.482  | 4.09  | 51.082 | 0.644 |
| 6/26/2007 10:29 | 96.819  | 4.09  | 51.043 | 0.642 |
| 6/26/2007 10:29 | 97.211  | 4.089 | 51.029 | 0.642 |
| 6/26/2007 10:29 | 97.602  | 4.09  | 51.084 | 0.644 |
| 6/26/2007 10:29 | 97.937  | 4.09  | 51.045 | 0.643 |
| 6/26/2007 10:29 | 98.329  | 4.09  | 51.033 | 0.642 |
| 6/26/2007 10:29 | 98.72   | 4.088 | 51.081 | 0.639 |
| 6/26/2007 10:29 | 99.054  | 4.09  | 51.038 | 0.643 |
| 6/26/2007 10:29 | 99.446  | 4.089 | 51.03  | 0.641 |
| 6/26/2007 10:29 | 99.837  | 4.09  | 51.079 | 0.643 |
| 6/26/2007 10:29 | 100.172 | 4.089 | 51.049 | 0.642 |
| 6/26/2007 10:29 | 100.567 | 4.089 | 51.03  | 0.642 |
| 6/26/2007 10:29 | 100.959 | 4.09  | 51.084 | 0.642 |
| 6/26/2007 10:29 | 101.295 | 4.093 | 51.049 | 0.65  |
| 6/26/2007 10:29 | 101.686 | 4.089 | 51.034 | 0.64  |
| 6/26/2007 10:29 | 102.077 | 4.089 | 51.086 | 0.64  |
| 6/26/2007 10:29 | 102.413 | 4.089 | 51.068 | 0.642 |
| 6/26/2007 10:29 | 102.828 | 4.088 | 51.038 | 0.639 |
| 6/26/2007 10:29 | 103.218 | 4.088 | 51.085 | 0.639 |
| 6/26/2007 10:29 | 103.554 | 4.086 | 51.05  | 0.635 |
| 6/26/2007 10:29 | 103.949 | 4.089 | 51.034 | 0.641 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/26/2007 10:29 | 104.339 | 4.089 | 51.087 | 0.64  |
| 6/26/2007 10:29 | 104.675 | 4.088 | 51.052 | 0.638 |
| 6/26/2007 10:29 | 105.067 | 4.087 | 51.037 | 0.636 |
| 6/26/2007 10:29 | 105.459 | 4.087 | 51.084 | 0.637 |
| 6/26/2007 10:29 | 105.795 | 4.087 | 51.054 | 0.636 |
| 6/26/2007 10:29 | 106.19  | 4.087 | 51.042 | 0.635 |
| 6/26/2007 10:29 | 106.581 | 4.088 | 51.092 | 0.639 |
| 6/26/2007 10:29 | 106.916 | 4.086 | 51.049 | 0.634 |
| 6/26/2007 10:29 | 107.307 | 4.086 | 51.034 | 0.633 |
| 6/26/2007 10:29 | 107.698 | 4.088 | 51.091 | 0.639 |
| 6/26/2007 10:29 | 108.033 | 4.087 | 51.058 | 0.635 |
| 6/26/2007 10:29 | 108.429 | 4.087 | 51.038 | 0.636 |
| 6/26/2007 10:29 | 108.82  | 4.087 | 51.092 | 0.635 |
| 6/26/2007 10:29 | 109.154 | 4.087 | 51.056 | 0.635 |
| 6/26/2007 10:29 | 109.546 | 4.086 | 51.042 | 0.634 |
| 6/26/2007 10:29 | 109.936 | 4.086 | 51.09  | 0.635 |
| 6/26/2007 10:29 | 110.273 | 4.086 | 51.06  | 0.634 |
| 6/26/2007 10:29 | 110.668 | 4.086 | 51.04  | 0.634 |
| 6/26/2007 10:29 | 111.058 | 4.087 | 51.094 | 0.635 |
| 6/26/2007 10:29 | 111.394 | 4.086 | 51.052 | 0.633 |
| 6/26/2007 10:29 | 111.785 | 4.086 | 51.037 | 0.634 |
| 6/26/2007 10:29 | 112.176 | 4.086 | 51.09  | 0.634 |
| 6/26/2007 10:29 | 112.512 | 4.087 | 51.064 | 0.636 |
| 6/26/2007 10:29 | 112.908 | 4.085 | 51.062 | 0.632 |
| 6/26/2007 10:29 | 113.321 | 4.085 | 51.072 | 0.632 |
| 6/26/2007 10:29 | 113.526 | 4.085 | 51.079 | 0.632 |
| 6/26/2007 10:29 | 113.73  | 4.086 | 51.081 | 0.633 |
| 6/26/2007 10:29 | 113.934 | 4.084 | 51.121 | 0.629 |
| 6/26/2007 10:29 | 114.27  | 4.086 | 51.069 | 0.633 |
| 6/26/2007 10:29 | 114.663 | 4.087 | 51.05  | 0.635 |
| 6/26/2007 10:29 | 115.054 | 4.085 | 51.103 | 0.632 |
| 6/26/2007 10:29 | 115.388 | 4.086 | 51.069 | 0.634 |
| 6/26/2007 10:29 | 115.78  | 4.085 | 51.048 | 0.632 |
| 6/26/2007 10:29 | 116.17  | 4.085 | 51.096 | 0.632 |
| 6/26/2007 10:29 | 116.507 | 4.085 | 51.064 | 0.632 |
| 6/26/2007 10:29 | 116.902 | 4.085 | 51.048 | 0.631 |
| 6/26/2007 10:29 | 117.292 | 4.085 | 51.101 | 0.632 |
| 6/26/2007 10:29 | 117.628 | 4.085 | 51.063 | 0.63  |
| 6/26/2007 10:29 | 118.019 | 4.084 | 51.048 | 0.629 |
| 6/26/2007 10:29 | 118.411 | 4.084 | 51.104 | 0.629 |
| 6/26/2007 10:29 | 118.747 | 4.085 | 51.067 | 0.631 |
| 6/26/2007 10:29 | 119.138 | 4.084 | 51.049 | 0.629 |
| 6/26/2007 10:29 | 119.529 | 4.085 | 51.101 | 0.631 |
| 6/26/2007 10:29 | 119.865 | 4.085 | 51.062 | 0.631 |

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|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/26/2007 10:29 | 120.257 | 4.083 | 51.046 | 0.626 |
| 6/26/2007 10:29 | 120.648 | 4.084 | 51.104 | 0.629 |
| 6/26/2007 10:29 | 120.983 | 4.084 | 51.06  | 0.629 |
| 6/26/2007 10:29 | 121.375 | 4.085 | 51.047 | 0.631 |
| 6/26/2007 10:29 | 121.765 | 4.084 | 51.101 | 0.628 |
| 6/26/2007 10:29 | 122.101 | 4.085 | 51.062 | 0.631 |
| 6/26/2007 10:29 | 122.493 | 4.081 | 51.052 | 0.622 |
| 6/26/2007 10:29 | 122.884 | 4.083 | 51.099 | 0.626 |
| 6/26/2007 10:29 | 123.22  | 4.083 | 51.078 | 0.627 |
| 6/26/2007 10:29 | 123.635 | 4.082 | 51.055 | 0.625 |
| 6/26/2007 10:29 | 124.026 | 4.083 | 51.103 | 0.627 |
| 6/26/2007 10:29 | 124.361 | 4.082 | 51.071 | 0.624 |
| 6/26/2007 10:29 | 124.757 | 4.082 | 51.056 | 0.624 |
| 6/26/2007 10:29 | 125.148 | 4.083 | 51.108 | 0.626 |
| 6/26/2007 10:29 | 125.483 | 4.082 | 51.068 | 0.624 |
| 6/26/2007 10:29 | 125.875 | 4.082 | 51.056 | 0.624 |
| 6/26/2007 10:29 | 126.265 | 4.083 | 51.106 | 0.626 |
| 6/26/2007 10:29 | 126.601 | 4.083 | 51.069 | 0.626 |
| 6/26/2007 10:29 | 126.996 | 4.081 | 51.056 | 0.622 |
| 6/26/2007 10:29 | 127.386 | 4.081 | 51.106 | 0.623 |
| 6/26/2007 10:29 | 127.722 | 4.081 | 51.068 | 0.623 |
| 6/26/2007 10:29 | 128.115 | 4.082 | 51.051 | 0.624 |
| 6/26/2007 10:29 | 128.506 | 4.08  | 51.107 | 0.621 |
| 6/26/2007 10:29 | 128.841 | 4.081 | 51.068 | 0.621 |
| 6/26/2007 10:29 | 129.232 | 4.082 | 51.053 | 0.625 |
| 6/26/2007 10:29 | 129.623 | 4.081 | 51.105 | 0.622 |
| 6/26/2007 10:29 | 129.959 | 4.082 | 51.07  | 0.624 |
| 6/26/2007 10:29 | 130.351 | 4.081 | 51.056 | 0.622 |
| 6/26/2007 10:29 | 130.742 | 4.08  | 51.106 | 0.621 |
| 6/26/2007 10:29 | 131.077 | 4.081 | 51.072 | 0.622 |
| 6/26/2007 10:29 | 131.473 | 4.081 | 51.055 | 0.622 |
| 6/26/2007 10:29 | 131.865 | 4.081 | 51.111 | 0.621 |
| 6/26/2007 10:29 | 132.2   | 4.08  | 51.074 | 0.619 |
| 6/26/2007 10:29 | 132.592 | 4.082 | 51.062 | 0.624 |
| 6/26/2007 10:29 | 132.982 | 4.079 | 51.113 | 0.619 |
| 6/26/2007 10:29 | 133.319 | 4.08  | 51.077 | 0.621 |
| 6/26/2007 10:29 | 133.715 | 4.08  | 51.074 | 0.62  |
| 6/26/2007 10:29 | 134.128 | 4.08  | 51.086 | 0.619 |
| 6/26/2007 10:29 | 134.332 | 4.081 | 51.092 | 0.621 |
| 6/26/2007 10:29 | 134.538 | 4.081 | 51.099 | 0.621 |
| 6/26/2007 10:29 | 134.742 | 4.081 | 51.136 | 0.622 |
| 6/26/2007 10:29 | 135.077 | 4.08  | 51.095 | 0.62  |
| 6/26/2007 10:29 | 135.468 | 4.079 | 51.072 | 0.618 |
| 6/26/2007 10:29 | 135.86  | 4.08  | 51.116 | 0.62  |

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|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/26/2007 10:29 | 136.196 | 4.079 | 51.075 | 0.619 |
| 6/26/2007 10:29 | 136.589 | 4.079 | 51.062 | 0.617 |
| 6/26/2007 10:29 | 136.979 | 4.081 | 51.112 | 0.622 |
| 6/26/2007 10:29 | 137.314 | 4.079 | 51.079 | 0.617 |
| 6/26/2007 10:29 | 137.706 | 4.081 | 51.059 | 0.622 |
| 6/26/2007 10:29 | 138.097 | 4.078 | 51.115 | 0.614 |
| 6/26/2007 10:29 | 138.432 | 4.079 | 51.08  | 0.619 |
| 6/26/2007 10:29 | 138.823 | 4.08  | 51.064 | 0.621 |
| 6/26/2007 10:29 | 139.213 | 4.08  | 51.121 | 0.619 |
| 6/26/2007 10:30 | 139.548 | 4.079 | 51.084 | 0.618 |
| 6/26/2007 10:30 | 139.944 | 4.08  | 51.062 | 0.619 |
| 6/26/2007 10:30 | 140.335 | 4.078 | 51.118 | 0.615 |
| 6/26/2007 10:30 | 140.67  | 4.08  | 51.075 | 0.619 |
| 6/26/2007 10:30 | 141.063 | 4.078 | 51.064 | 0.616 |
| 6/26/2007 10:30 | 141.453 | 4.079 | 51.12  | 0.618 |
| 6/26/2007 10:30 | 141.788 | 4.079 | 51.079 | 0.619 |
| 6/26/2007 10:30 | 142.18  | 4.079 | 51.062 | 0.616 |
| 6/26/2007 10:30 | 142.57  | 4.08  | 51.117 | 0.619 |
| 6/26/2007 10:30 | 142.905 | 4.079 | 51.084 | 0.618 |
| 6/26/2007 10:30 | 143.301 | 4.079 | 51.065 | 0.618 |
| 6/26/2007 10:30 | 143.694 | 4.078 | 51.119 | 0.615 |
| 6/26/2007 10:30 | 144.029 | 4.079 | 51.095 | 0.617 |
| 6/26/2007 10:30 | 144.445 | 4.078 | 51.071 | 0.616 |
| 6/26/2007 10:30 | 144.836 | 4.078 | 51.118 | 0.616 |
| 6/26/2007 10:30 | 145.17  | 4.078 | 51.082 | 0.615 |
| 6/26/2007 10:30 | 145.566 | 4.08  | 51.068 | 0.619 |
| 6/26/2007 10:30 | 145.957 | 4.078 | 51.128 | 0.616 |
| 6/26/2007 10:30 | 146.292 | 4.078 | 51.08  | 0.616 |
| 6/26/2007 10:30 | 146.684 | 4.077 | 51.065 | 0.614 |
| 6/26/2007 10:30 | 147.073 | 4.078 | 51.119 | 0.616 |
| 6/26/2007 10:30 | 147.409 | 4.077 | 51.084 | 0.614 |
| 6/26/2007 10:30 | 147.804 | 4.078 | 51.066 | 0.615 |
| 6/26/2007 10:30 | 148.195 | 4.079 | 51.125 | 0.616 |
| 6/26/2007 10:30 | 148.53  | 4.077 | 51.082 | 0.613 |
| 6/26/2007 10:30 | 148.921 | 4.077 | 51.067 | 0.613 |
| 6/26/2007 10:30 | 149.311 | 4.076 | 51.115 | 0.612 |
| 6/26/2007 10:30 | 149.647 | 4.077 | 51.086 | 0.613 |
| 6/26/2007 10:30 | 150.042 | 4.078 | 51.07  | 0.615 |
| 6/26/2007 10:30 | 150.434 | 4.077 | 51.121 | 0.612 |
| 6/26/2007 10:30 | 150.769 | 4.077 | 51.081 | 0.613 |
| 6/26/2007 10:30 | 151.161 | 4.077 | 51.068 | 0.612 |
| 6/26/2007 10:30 | 151.552 | 4.077 | 51.122 | 0.613 |
| 6/26/2007 10:30 | 151.887 | 4.077 | 51.085 | 0.614 |
| 6/26/2007 10:30 | 152.283 | 4.076 | 51.069 | 0.611 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/26/2007 10:30 | 152.674 | 4.077 | 51.124 | 0.612 |
| 6/26/2007 10:30 | 153.009 | 4.076 | 51.084 | 0.61  |
| 6/26/2007 10:30 | 153.4   | 4.077 | 51.07  | 0.612 |
| 6/26/2007 10:30 | 153.79  | 4.076 | 51.121 | 0.611 |
| 6/26/2007 10:30 | 154.126 | 4.076 | 51.085 | 0.611 |
| 6/26/2007 10:30 | 154.522 | 4.075 | 51.09  | 0.609 |
| 6/26/2007 10:30 | 154.937 | 4.076 | 51.095 | 0.61  |
| 6/26/2007 10:30 | 155.142 | 4.077 | 51.106 | 0.613 |
| 6/26/2007 10:30 | 155.346 | 4.076 | 51.111 | 0.61  |
| 6/26/2007 10:30 | 155.551 | 4.074 | 51.143 | 0.607 |
| 6/26/2007 10:30 | 155.887 | 4.075 | 51.103 | 0.608 |
| 6/26/2007 10:30 | 156.278 | 4.076 | 51.084 | 0.611 |
| 6/26/2007 10:30 | 156.668 | 4.075 | 51.131 | 0.608 |
| 6/26/2007 10:30 | 157.003 | 4.075 | 51.089 | 0.609 |
| 6/26/2007 10:30 | 157.395 | 4.074 | 51.072 | 0.605 |
| 6/26/2007 10:30 | 157.787 | 4.075 | 51.129 | 0.608 |
| 6/26/2007 10:30 | 158.122 | 4.074 | 51.086 | 0.605 |
| 6/26/2007 10:30 | 158.515 | 4.076 | 51.075 | 0.61  |
| 6/26/2007 10:30 | 158.908 | 4.075 | 51.126 | 0.608 |
| 6/26/2007 10:30 | 159.243 | 4.073 | 51.088 | 0.605 |
| 6/26/2007 10:30 | 159.634 | 4.073 | 51.076 | 0.605 |
| 6/26/2007 10:30 | 160.025 | 4.075 | 51.129 | 0.608 |
| 6/26/2007 10:30 | 160.36  | 4.075 | 51.09  | 0.608 |
| 6/26/2007 10:30 | 160.754 | 4.075 | 51.076 | 0.608 |
| 6/26/2007 10:30 | 161.146 | 4.073 | 51.126 | 0.604 |
| 6/26/2007 10:30 | 161.481 | 4.075 | 51.084 | 0.608 |
| 6/26/2007 10:30 | 161.872 | 4.074 | 51.073 | 0.606 |
| 6/26/2007 10:30 | 162.262 | 4.075 | 51.126 | 0.609 |
| 6/26/2007 10:30 | 162.597 | 4.074 | 51.088 | 0.605 |
| 6/26/2007 10:30 | 162.989 | 4.074 | 51.073 | 0.607 |
| 6/26/2007 10:30 | 163.382 | 4.074 | 51.122 | 0.605 |
| 6/26/2007 10:30 | 163.717 | 4.072 | 51.095 | 0.602 |
| 6/26/2007 10:30 | 164.113 | 4.073 | 51.077 | 0.604 |
| 6/26/2007 10:30 | 164.504 | 4.073 | 51.127 | 0.604 |
| 6/26/2007 10:30 | 164.839 | 4.075 | 51.108 | 0.608 |
| 6/26/2007 10:30 | 165.253 | 4.075 | 51.074 | 0.607 |
| 6/26/2007 10:30 | 165.644 | 4.074 | 51.126 | 0.605 |
| 6/26/2007 10:30 | 165.979 | 4.072 | 51.099 | 0.602 |
| 6/26/2007 10:30 | 166.373 | 4.073 | 51.079 | 0.604 |
| 6/26/2007 10:30 | 166.763 | 4.073 | 51.134 | 0.603 |
| 6/26/2007 10:30 | 167.1   | 4.074 | 51.094 | 0.606 |
| 6/26/2007 10:30 | 167.492 | 4.074 | 51.076 | 0.607 |
| 6/26/2007 10:30 | 167.884 | 4.074 | 51.129 | 0.607 |
| 6/26/2007 10:30 | 168.218 | 4.074 | 51.094 | 0.607 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/26/2007 10:30 | 168.614 | 4.075 | 51.076 | 0.608 |
| 6/26/2007 10:30 | 180.045 | 4.072 | 50.967 | 0.602 |
| 6/26/2007 10:31 | 240.003 | 4.062 | 50.901 | 0.578 |
| 6/26/2007 10:32 | 300.114 | 4.053 | 50.807 | 0.557 |
| 6/26/2007 10:33 | 360     | 4.043 | 50.799 | 0.534 |
| 6/26/2007 10:34 | 420     | 4.036 | 50.795 | 0.519 |
| 6/26/2007 10:35 | 480     | 4.031 | 50.799 | 0.508 |
| 6/26/2007 10:36 | 540.189 | 4.025 | 50.794 | 0.492 |
| 6/26/2007 10:37 | 600     | 4.02  | 50.762 | 0.481 |
| 6/26/2007 10:38 | 660.173 | 4.012 | 50.756 | 0.463 |
| 6/26/2007 10:39 | 720     | 4.007 | 50.76  | 0.451 |
| 6/26/2007 10:40 | 780     | 4.003 | 50.665 | 0.443 |
| 6/26/2007 10:41 | 840     | 3.999 | 50.584 | 0.432 |
| 6/26/2007 10:42 | 900     | 3.995 | 50.544 | 0.423 |
| 6/26/2007 10:43 | 960     | 3.989 | 50.518 | 0.409 |
| 6/26/2007 10:44 | 1020    | 3.982 | 50.499 | 0.394 |
| 6/26/2007 10:45 | 1080    | 3.978 | 50.486 | 0.385 |
| 6/26/2007 10:46 | 1140    | 3.975 | 50.48  | 0.376 |
| 6/26/2007 10:47 | 1200    | 3.971 | 50.465 | 0.369 |
| 6/26/2007 10:48 | 1260    | 3.968 | 50.455 | 0.362 |
| 6/26/2007 10:49 | 1320    | 3.966 | 50.445 | 0.357 |

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## Raw Test Data for MW-387 S Rising Head

Report Date: 6/26/2007 11:13  
Report User Name: made  
Report Computer Name: BLUS-MADE

### Log File Properties

File Name mw387s bail 2007-06-13 14.45.07.wsl  
Create Date 6/13/2007 13:44

### Device Properties

Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

### Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw387s bail       |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/13/2007 13:08   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

#### Step: 1

Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

#### Step: 2

Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

### Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 2.50879 (PSI)     |
| Temperature                   | 53.3454 (F)       |
| Depth of Probe                | 5.79374 (ft)      |

### Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/13/2007 13:08 | User Note: "Level reference initialized to: 0" |
| 6/13/2007 13:08 | Manual Start Command                           |

### Log Data:

Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G | Sensor: Pres 30G | Sensor: Pres 30G   |
|-----------------|-------------------------|------------------|------------------|--------------------|
|                 |                         | SN#: 102941      | SN#: 102941      | SN#: 102941        |
|                 |                         | Pressure (PSI)   | Temperature (F)  | Level-Surface (ft) |
| 6/13/2007 13:08 | 0                       | 2.513            | 53.257           | 0.009              |
| 6/13/2007 13:08 | 0.251                   | 2.513            | 53.292           | 0.009              |
| 6/13/2007 13:08 | 0.501                   | 2.512            | 53.319           | 0.008              |
| 6/13/2007 13:08 | 0.751                   | 2.513            | 53.332           | 0.009              |
| 6/13/2007 13:08 | 1.001                   | 2.513            | 53.35            | 0.009              |
| 6/13/2007 13:08 | 1.251                   | 2.513            | 53.36            | 0.01               |
| 6/13/2007 13:08 | 1.501                   | 2.511            | 53.367           | 0.004              |
| 6/13/2007 13:08 | 1.751                   | 2.512            | 53.374           | 0.008              |
| 6/13/2007 13:08 | 2.001                   | 2.512            | 53.38            | 0.008              |
| 6/13/2007 13:08 | 2.251                   | 2.512            | 53.384           | 0.008              |
| 6/13/2007 13:08 | 2.501                   | 2.512            | 53.391           | 0.008              |
| 6/13/2007 13:08 | 2.751                   | 2.513            | 53.399           | 0.009              |
| 6/13/2007 13:08 | 3.001                   | 2.512            | 53.398           | 0.007              |
| 6/13/2007 13:08 | 3.251                   | 2.512            | 53.407           | 0.007              |
| 6/13/2007 13:08 | 3.915                   | 2.515            | 53.353           | 0.015              |
| 6/13/2007 13:08 | 4.122                   | 2.513            | 53.379           | 0.009              |
| 6/13/2007 13:08 | 4.327                   | 2.514            | 53.391           | 0.011              |
| 6/13/2007 13:08 | 4.533                   | 2.512            | 53.41            | 0.007              |
| 6/13/2007 13:08 | 4.739                   | 2.513            | 53.415           | 0.009              |
| 6/13/2007 13:08 | 4.947                   | 2.512            | 53.42            | 0.007              |
| 6/13/2007 13:08 | 5.153                   | 2.513            | 53.43            | 0.01               |
| 6/13/2007 13:08 | 5.36                    | 2.512            | 53.437           | 0.008              |
| 6/13/2007 13:08 | 5.565                   | 2.513            | 53.436           | 0.009              |
| 6/13/2007 13:08 | 5.771                   | 2.512            | 53.439           | 0.006              |
| 6/13/2007 13:08 | 6.416                   | 2.513            | 53.375           | 0.011              |
| 6/13/2007 13:08 | 6.621                   | 2.515            | 53.398           | 0.014              |
| 6/13/2007 13:08 | 6.826                   | 2.513            | 53.419           | 0.011              |
| 6/13/2007 13:08 | 7.033                   | 2.512            | 53.426           | 0.007              |
| 6/13/2007 13:08 | 7.24                    | 2.512            | 53.432           | 0.007              |
| 6/13/2007 13:08 | 7.448                   | 2.512            | 53.44            | 0.007              |
| 6/13/2007 13:08 | 7.654                   | 2.513            | 53.442           | 0.01               |
| 6/13/2007 13:08 | 7.86                    | 2.512            | 53.447           | 0.008              |
| 6/13/2007 13:08 | 8.066                   | 2.512            | 53.448           | 0.008              |
| 6/13/2007 13:08 | 8.272                   | 2.512            | 53.458           | 0.008              |
| 6/13/2007 13:08 | 8.784                   | 2.513            | 53.4             | 0.01               |
| 6/13/2007 13:08 | 8.99                    | 2.513            | 53.423           | 0.01               |
| 6/13/2007 13:08 | 9.195                   | 2.514            | 53.432           | 0.011              |
| 6/13/2007 13:08 | 9.399                   | 2.512            | 53.441           | 0.008              |
| 6/13/2007 13:08 | 9.604                   | 2.512            | 53.445           | 0.009              |
| 6/13/2007 13:08 | 9.809                   | 2.513            | 53.454           | 0.01               |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/13/2007 13:08 | 10.014 | 2.512 | 53.462 | 0.006 |
| 6/13/2007 13:08 | 10.251 | 2.511 | 53.453 | 0.005 |
| 6/13/2007 13:08 | 10.501 | 2.51  | 53.453 | 0.004 |
| 6/13/2007 13:08 | 10.751 | 2.511 | 53.448 | 0.006 |
| 6/13/2007 13:08 | 11.001 | 2.512 | 53.447 | 0.007 |
| 6/13/2007 13:08 | 11.251 | 2.511 | 53.447 | 0.004 |
| 6/13/2007 13:08 | 11.501 | 2.512 | 53.438 | 0.007 |
| 6/13/2007 13:08 | 11.751 | 2.51  | 53.442 | 0.003 |
| 6/13/2007 13:08 | 12.001 | 2.51  | 53.442 | 0.004 |
| 6/13/2007 13:08 | 12.251 | 2.511 | 53.442 | 0.006 |
| 6/13/2007 13:08 | 12.501 | 2.511 | 53.445 | 0.006 |
| 6/13/2007 13:08 | 12.751 | 2.511 | 53.442 | 0.005 |
| 6/13/2007 13:08 | 13.001 | 2.511 | 53.436 | 0.006 |
| 6/13/2007 13:08 | 13.251 | 2.51  | 53.441 | 0.002 |
| 6/13/2007 13:08 | 13.501 | 2.512 | 53.446 | 0.007 |
| 6/13/2007 13:08 | 13.751 | 2.511 | 53.438 | 0.005 |
| 6/13/2007 13:08 | 14.001 | 2.511 | 53.438 | 0.005 |
| 6/13/2007 13:08 | 14.251 | 2.511 | 53.441 | 0.004 |
| 6/13/2007 13:08 | 14.501 | 2.51  | 53.442 | 0.003 |
| 6/13/2007 13:08 | 14.751 | 2.512 | 53.445 | 0.006 |
| 6/13/2007 13:08 | 15.001 | 2.51  | 53.442 | 0.004 |
| 6/13/2007 13:08 | 15.251 | 2.512 | 53.441 | 0.006 |
| 6/13/2007 13:08 | 15.501 | 2.511 | 53.444 | 0.006 |
| 6/13/2007 13:08 | 15.751 | 2.512 | 53.443 | 0.007 |
| 6/13/2007 13:08 | 16.001 | 2.509 | 53.439 | 0.001 |
| 6/13/2007 13:08 | 16.251 | 2.51  | 53.444 | 0.003 |
| 6/13/2007 13:08 | 16.501 | 2.51  | 53.442 | 0.003 |
| 6/13/2007 13:08 | 16.751 | 2.511 | 53.438 | 0.005 |
| 6/13/2007 13:08 | 17.001 | 2.511 | 53.441 | 0.005 |
| 6/13/2007 13:08 | 17.251 | 2.512 | 53.442 | 0.006 |
| 6/13/2007 13:08 | 17.501 | 2.51  | 53.442 | 0.003 |
| 6/13/2007 13:08 | 17.751 | 2.51  | 53.442 | 0.003 |
| 6/13/2007 13:08 | 18.001 | 2.51  | 53.439 | 0.003 |
| 6/13/2007 13:08 | 18.251 | 2.511 | 53.442 | 0.005 |
| 6/13/2007 13:08 | 18.501 | 2.511 | 53.446 | 0.004 |
| 6/13/2007 13:08 | 18.751 | 2.511 | 53.44  | 0.004 |
| 6/13/2007 13:08 | 19.001 | 2.511 | 53.445 | 0.005 |
| 6/13/2007 13:08 | 19.251 | 2.511 | 53.441 | 0.005 |
| 6/13/2007 13:08 | 19.501 | 2.511 | 53.439 | 0.005 |
| 6/13/2007 13:08 | 19.751 | 2.511 | 53.443 | 0.005 |
| 6/13/2007 13:08 | 20.001 | 2.51  | 53.442 | 0.003 |
| 6/13/2007 13:08 | 20.251 | 2.512 | 53.446 | 0.006 |
| 6/13/2007 13:08 | 20.501 | 2.512 | 53.442 | 0.007 |
| 6/13/2007 13:08 | 20.751 | 2.511 | 53.445 | 0.006 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/13/2007 13:08 | 21.001 | 2.512 | 53.448 | 0.006 |
| 6/13/2007 13:08 | 21.251 | 2.51  | 53.445 | 0.003 |
| 6/13/2007 13:08 | 21.501 | 2.51  | 53.45  | 0.002 |
| 6/13/2007 13:08 | 21.751 | 2.511 | 53.441 | 0.006 |
| 6/13/2007 13:08 | 22.001 | 2.51  | 53.446 | 0.004 |
| 6/13/2007 13:08 | 22.251 | 2.511 | 53.442 | 0.006 |
| 6/13/2007 13:08 | 22.501 | 2.51  | 53.446 | 0.004 |
| 6/13/2007 13:08 | 22.751 | 2.511 | 53.446 | 0.006 |
| 6/13/2007 13:08 | 23.001 | 2.51  | 53.446 | 0.003 |
| 6/13/2007 13:08 | 23.251 | 2.512 | 53.448 | 0.007 |
| 6/13/2007 13:08 | 23.501 | 2.51  | 53.445 | 0.003 |
| 6/13/2007 13:08 | 23.751 | 2.512 | 53.444 | 0.007 |
| 6/13/2007 13:08 | 24.001 | 2.511 | 53.443 | 0.005 |
| 6/13/2007 13:08 | 24.251 | 2.511 | 53.447 | 0.006 |
| 6/13/2007 13:08 | 24.501 | 2.51  | 53.447 | 0.003 |
| 6/13/2007 13:08 | 24.751 | 2.51  | 53.447 | 0.003 |
| 6/13/2007 13:08 | 25.001 | 2.511 | 53.445 | 0.005 |
| 6/13/2007 13:08 | 25.251 | 2.51  | 53.446 | 0.004 |
| 6/13/2007 13:08 | 25.501 | 2.512 | 53.443 | 0.008 |
| 6/13/2007 13:08 | 25.751 | 2.511 | 53.446 | 0.004 |
| 6/13/2007 13:08 | 26.001 | 2.512 | 53.446 | 0.007 |
| 6/13/2007 13:08 | 26.251 | 2.51  | 53.445 | 0.003 |
| 6/13/2007 13:08 | 26.501 | 2.512 | 53.437 | 0.007 |
| 6/13/2007 13:08 | 26.751 | 2.51  | 53.445 | 0.004 |
| 6/13/2007 13:08 | 27.001 | 2.51  | 53.448 | 0.003 |
| 6/13/2007 13:08 | 27.251 | 2.511 | 53.445 | 0.005 |
| 6/13/2007 13:08 | 27.501 | 2.51  | 53.448 | 0.004 |
| 6/13/2007 13:08 | 27.751 | 2.509 | 53.444 | 0.001 |
| 6/13/2007 13:08 | 28.001 | 2.511 | 53.445 | 0.005 |
| 6/13/2007 13:08 | 28.251 | 2.51  | 53.452 | 0.004 |
| 6/13/2007 13:08 | 28.501 | 2.511 | 53.446 | 0.005 |
| 6/13/2007 13:08 | 28.751 | 2.511 | 53.444 | 0.006 |
| 6/13/2007 13:08 | 29.001 | 2.511 | 53.446 | 0.006 |
| 6/13/2007 13:08 | 29.251 | 2.511 | 53.448 | 0.005 |
| 6/13/2007 13:08 | 29.501 | 2.511 | 53.443 | 0.005 |
| 6/13/2007 13:08 | 29.751 | 2.511 | 53.442 | 0.006 |
| 6/13/2007 13:08 | 30.001 | 2.511 | 53.447 | 0.005 |
| 6/13/2007 13:08 | 30.251 | 2.512 | 53.446 | 0.007 |
| 6/13/2007 13:08 | 30.501 | 2.512 | 53.445 | 0.006 |
| 6/13/2007 13:08 | 30.751 | 2.511 | 53.447 | 0.006 |
| 6/13/2007 13:09 | 31.001 | 2.512 | 53.448 | 0.006 |
| 6/13/2007 13:09 | 31.251 | 2.511 | 53.441 | 0.004 |
| 6/13/2007 13:09 | 31.501 | 2.511 | 53.444 | 0.004 |
| 6/13/2007 13:09 | 31.751 | 2.512 | 53.445 | 0.007 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/13/2007 13:09 | 32.001 | 2.511 | 53.44  | 0.005 |
| 6/13/2007 13:09 | 32.251 | 2.511 | 53.447 | 0.005 |
| 6/13/2007 13:09 | 32.501 | 2.511 | 53.442 | 0.005 |
| 6/13/2007 13:09 | 32.751 | 2.512 | 53.452 | 0.008 |
| 6/13/2007 13:09 | 33.001 | 2.51  | 53.446 | 0.003 |
| 6/13/2007 13:09 | 33.251 | 2.511 | 53.436 | 0.006 |
| 6/13/2007 13:09 | 33.501 | 2.512 | 53.444 | 0.008 |
| 6/13/2007 13:09 | 33.751 | 2.513 | 53.444 | 0.009 |
| 6/13/2007 13:09 | 34.001 | 2.512 | 53.442 | 0.007 |
| 6/13/2007 13:09 | 34.251 | 2.513 | 53.448 | 0.01  |
| 6/13/2007 13:09 | 34.501 | 2.511 | 53.444 | 0.006 |
| 6/13/2007 13:09 | 34.751 | 2.512 | 53.442 | 0.008 |
| 6/13/2007 13:09 | 35.001 | 2.513 | 53.448 | 0.01  |
| 6/13/2007 13:09 | 35.251 | 2.511 | 53.443 | 0.005 |
| 6/13/2007 13:09 | 35.501 | 2.512 | 53.447 | 0.008 |
| 6/13/2007 13:09 | 35.751 | 2.512 | 53.441 | 0.009 |
| 6/13/2007 13:09 | 36.001 | 2.513 | 53.444 | 0.009 |
| 6/13/2007 13:09 | 36.251 | 2.512 | 53.447 | 0.008 |
| 6/13/2007 13:09 | 36.501 | 2.512 | 53.448 | 0.007 |
| 6/13/2007 13:09 | 36.751 | 2.512 | 53.441 | 0.008 |
| 6/13/2007 13:09 | 37.001 | 2.512 | 53.447 | 0.007 |
| 6/13/2007 13:09 | 37.251 | 2.513 | 53.442 | 0.011 |
| 6/13/2007 13:09 | 37.501 | 2.512 | 53.446 | 0.007 |
| 6/13/2007 13:09 | 37.751 | 2.512 | 53.442 | 0.007 |
| 6/13/2007 13:09 | 38.001 | 2.512 | 53.438 | 0.007 |
| 6/13/2007 13:09 | 38.251 | 2.512 | 53.441 | 0.008 |
| 6/13/2007 13:09 | 38.501 | 2.513 | 53.448 | 0.009 |
| 6/13/2007 13:09 | 38.751 | 2.512 | 53.442 | 0.007 |
| 6/13/2007 13:09 | 39.001 | 2.513 | 53.445 | 0.009 |
| 6/13/2007 13:09 | 39.251 | 2.512 | 53.441 | 0.007 |
| 6/13/2007 13:09 | 39.501 | 2.513 | 53.44  | 0.01  |
| 6/13/2007 13:09 | 39.751 | 2.513 | 53.445 | 0.011 |
| 6/13/2007 13:09 | 40.001 | 2.514 | 53.442 | 0.011 |
| 6/13/2007 13:09 | 40.251 | 2.513 | 53.443 | 0.01  |
| 6/13/2007 13:09 | 40.501 | 2.514 | 53.436 | 0.012 |
| 6/13/2007 13:09 | 40.751 | 2.513 | 53.447 | 0.009 |
| 6/13/2007 13:09 | 41.001 | 2.521 | 53.442 | 0.027 |
| 6/13/2007 13:09 | 41.251 | 2.515 | 53.448 | 0.015 |
| 6/13/2007 13:09 | 41.501 | 2.513 | 53.442 | 0.009 |
| 6/13/2007 13:09 | 41.751 | 2.513 | 53.446 | 0.01  |
| 6/13/2007 13:09 | 42.001 | 2.518 | 53.446 | 0.022 |
| 6/13/2007 13:09 | 42.251 | 2.564 | 53.447 | 0.127 |
| 6/13/2007 13:09 | 42.501 | 2.511 | 53.442 | 0.005 |
| 6/13/2007 13:09 | 42.751 | 2.514 | 53.441 | 0.012 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/13/2007 13:09 | 43.001 | 2.337 | 53.447 | -0.397 |
| 6/13/2007 13:09 | 43.251 | 2.351 | 53.441 | -0.363 |
| 6/13/2007 13:09 | 43.501 | 2.423 | 53.44  | -0.197 |
| 6/13/2007 13:09 | 43.751 | 2.498 | 53.445 | -0.025 |
| 6/13/2007 13:09 | 44.001 | 2.481 | 53.442 | -0.064 |
| 6/13/2007 13:09 | 44.251 | 2.473 | 53.445 | -0.082 |
| 6/13/2007 13:09 | 44.501 | 2.491 | 53.441 | -0.042 |
| 6/13/2007 13:09 | 44.751 | 2.507 | 53.439 | -0.004 |
| 6/13/2007 13:09 | 45.001 | 2.506 | 53.441 | -0.007 |
| 6/13/2007 13:09 | 45.251 | 2.503 | 53.439 | -0.014 |
| 6/13/2007 13:09 | 45.501 | 2.492 | 53.445 | -0.038 |
| 6/13/2007 13:09 | 45.751 | 2.474 | 53.439 | -0.081 |
| 6/13/2007 13:09 | 46.001 | 2.481 | 53.438 | -0.064 |
| 6/13/2007 13:09 | 46.251 | 2.5   | 53.438 | -0.02  |
| 6/13/2007 13:09 | 46.501 | 2.514 | 53.432 | 0.013  |
| 6/13/2007 13:09 | 46.751 | 2.518 | 53.436 | 0.022  |
| 6/13/2007 13:09 | 47.001 | 2.515 | 53.438 | 0.014  |
| 6/13/2007 13:09 | 47.251 | 2.509 | 53.436 | 0      |
| 6/13/2007 13:09 | 47.501 | 2.506 | 53.436 | -0.006 |
| 6/13/2007 13:09 | 47.751 | 2.505 | 53.433 | -0.009 |
| 6/13/2007 13:09 | 48.001 | 2.507 | 53.436 | -0.004 |
| 6/13/2007 13:09 | 48.251 | 2.509 | 53.437 | 0      |
| 6/13/2007 13:09 | 48.501 | 2.509 | 53.432 | 0      |
| 6/13/2007 13:09 | 48.751 | 2.509 | 53.436 | 0      |
| 6/13/2007 13:09 | 49.001 | 2.508 | 53.437 | -0.002 |
| 6/13/2007 13:09 | 49.251 | 2.507 | 53.436 | -0.005 |
| 6/13/2007 13:09 | 49.501 | 2.507 | 53.435 | -0.004 |
| 6/13/2007 13:09 | 49.751 | 2.507 | 53.435 | -0.005 |
| 6/13/2007 13:09 | 50.001 | 2.508 | 53.433 | -0.003 |
| 6/13/2007 13:09 | 50.251 | 2.508 | 53.432 | -0.001 |
| 6/13/2007 13:09 | 50.501 | 2.507 | 53.435 | -0.003 |
| 6/13/2007 13:09 | 50.751 | 2.508 | 53.429 | -0.002 |
| 6/13/2007 13:09 | 51.001 | 2.506 | 53.432 | -0.007 |
| 6/13/2007 13:09 | 51.251 | 2.51  | 53.434 | 0.003  |
| 6/13/2007 13:09 | 51.501 | 2.509 | 53.43  | 0      |
| 6/13/2007 13:09 | 51.751 | 2.509 | 53.428 | 0.002  |
| 6/13/2007 13:09 | 52.001 | 2.508 | 53.43  | -0.003 |
| 6/13/2007 13:09 | 52.251 | 2.508 | 53.425 | -0.002 |
| 6/13/2007 13:09 | 52.501 | 2.508 | 53.424 | -0.001 |
| 6/13/2007 13:09 | 52.751 | 2.51  | 53.428 | 0.003  |
| 6/13/2007 13:09 | 53.001 | 2.509 | 53.428 | 0.002  |
| 6/13/2007 13:09 | 53.251 | 2.51  | 53.423 | 0.002  |
| 6/13/2007 13:09 | 53.501 | 2.509 | 53.425 | 0.001  |
| 6/13/2007 13:09 | 53.751 | 2.51  | 53.425 | 0.002  |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/13/2007 13:09 | 54.001 | 2.509 | 53.425 | 0.001  |
| 6/13/2007 13:09 | 54.251 | 2.508 | 53.43  | -0.002 |
| 6/13/2007 13:09 | 54.501 | 2.509 | 53.426 | 0      |
| 6/13/2007 13:09 | 54.751 | 2.509 | 53.424 | 0      |
| 6/13/2007 13:09 | 55.001 | 2.509 | 53.425 | 0      |
| 6/13/2007 13:09 | 55.251 | 2.51  | 53.423 | 0.003  |
| 6/13/2007 13:09 | 55.501 | 2.509 | 53.417 | 0.002  |
| 6/13/2007 13:09 | 55.751 | 2.51  | 53.421 | 0.003  |
| 6/13/2007 13:09 | 56.001 | 2.509 | 53.419 | 0.001  |
| 6/13/2007 13:09 | 56.251 | 2.509 | 53.422 | 0.001  |
| 6/13/2007 13:09 | 56.501 | 2.509 | 53.421 | 0      |
| 6/13/2007 13:09 | 56.751 | 2.509 | 53.421 | 0.001  |
| 6/13/2007 13:09 | 57.001 | 2.508 | 53.419 | -0.001 |
| 6/13/2007 13:09 | 57.251 | 2.509 | 53.421 | 0      |
| 6/13/2007 13:09 | 57.501 | 2.51  | 53.419 | 0.003  |
| 6/13/2007 13:09 | 57.751 | 2.508 | 53.415 | -0.002 |
| 6/13/2007 13:09 | 58.001 | 2.51  | 53.419 | 0.003  |
| 6/13/2007 13:09 | 58.251 | 2.508 | 53.414 | -0.002 |
| 6/13/2007 13:09 | 58.501 | 2.509 | 53.416 | 0.001  |
| 6/13/2007 13:09 | 58.751 | 2.51  | 53.414 | 0.002  |
| 6/13/2007 13:09 | 59.001 | 2.508 | 53.413 | -0.001 |
| 6/13/2007 13:09 | 59.251 | 2.51  | 53.414 | 0.003  |
| 6/13/2007 13:09 | 59.501 | 2.509 | 53.413 | 0      |
| 6/13/2007 13:09 | 59.751 | 2.509 | 53.412 | 0.001  |
| 6/13/2007 13:09 | 60.001 | 2.51  | 53.41  | 0.002  |
| 6/13/2007 13:09 | 60.251 | 2.509 | 53.405 | 0.001  |
| 6/13/2007 13:09 | 60.501 | 2.509 | 53.413 | 0.001  |
| 6/13/2007 13:09 | 60.751 | 2.51  | 53.41  | 0.002  |
| 6/13/2007 13:09 | 61.001 | 2.509 | 53.41  | 0      |
| 6/13/2007 13:09 | 61.251 | 2.508 | 53.407 | -0.001 |
| 6/13/2007 13:09 | 61.501 | 2.51  | 53.407 | 0.002  |
| 6/13/2007 13:09 | 61.751 | 2.51  | 53.405 | 0.003  |
| 6/13/2007 13:09 | 62.001 | 2.51  | 53.411 | 0.002  |
| 6/13/2007 13:09 | 62.251 | 2.51  | 53.404 | 0.004  |
| 6/13/2007 13:09 | 62.501 | 2.508 | 53.403 | -0.001 |
| 6/13/2007 13:09 | 62.751 | 2.51  | 53.407 | 0.004  |
| 6/13/2007 13:09 | 63.001 | 2.508 | 53.404 | -0.001 |
| 6/13/2007 13:09 | 63.251 | 2.51  | 53.405 | 0.003  |
| 6/13/2007 13:09 | 63.501 | 2.509 | 53.4   | 0.002  |
| 6/13/2007 13:09 | 63.751 | 2.51  | 53.41  | 0.004  |
| 6/13/2007 13:09 | 64.001 | 2.509 | 53.404 | 0      |
| 6/13/2007 13:09 | 64.251 | 2.51  | 53.403 | 0.003  |
| 6/13/2007 13:09 | 64.501 | 2.509 | 53.401 | 0      |
| 6/13/2007 13:09 | 64.751 | 2.51  | 53.398 | 0.003  |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/13/2007 13:09 | 65.001 | 2.509 | 53.399 | 0.002  |
| 6/13/2007 13:09 | 65.251 | 2.51  | 53.4   | 0.002  |
| 6/13/2007 13:09 | 65.501 | 2.508 | 53.402 | -0.002 |
| 6/13/2007 13:09 | 65.751 | 2.51  | 53.4   | 0.003  |
| 6/13/2007 13:09 | 66.001 | 2.51  | 53.398 | 0.002  |
| 6/13/2007 13:09 | 66.251 | 2.509 | 53.398 | 0      |
| 6/13/2007 13:09 | 66.501 | 2.51  | 53.396 | 0.002  |
| 6/13/2007 13:09 | 66.751 | 2.509 | 53.396 | 0.001  |
| 6/13/2007 13:09 | 67.001 | 2.51  | 53.394 | 0.004  |
| 6/13/2007 13:09 | 67.251 | 2.511 | 53.39  | 0.004  |
| 6/13/2007 13:09 | 67.501 | 2.508 | 53.396 | -0.002 |
| 6/13/2007 13:09 | 67.751 | 2.51  | 53.389 | 0.003  |
| 6/13/2007 13:09 | 68.001 | 2.51  | 53.395 | 0.002  |
| 6/13/2007 13:09 | 68.251 | 2.51  | 53.395 | 0.002  |
| 6/13/2007 13:09 | 68.501 | 2.509 | 53.385 | 0.001  |
| 6/13/2007 13:09 | 68.751 | 2.509 | 53.385 | 0.001  |
| 6/13/2007 13:09 | 69.001 | 2.51  | 53.39  | 0.002  |
| 6/13/2007 13:09 | 69.251 | 2.509 | 53.386 | 0.001  |
| 6/13/2007 13:09 | 69.501 | 2.509 | 53.385 | 0      |
| 6/13/2007 13:09 | 69.751 | 2.509 | 53.39  | 0      |
| 6/13/2007 13:09 | 70.001 | 2.509 | 53.384 | 0.002  |
| 6/13/2007 13:09 | 70.251 | 2.51  | 53.387 | 0.004  |
| 6/13/2007 13:09 | 70.501 | 2.51  | 53.387 | 0.003  |
| 6/13/2007 13:09 | 70.751 | 2.511 | 53.387 | 0.005  |
| 6/13/2007 13:09 | 71.001 | 2.509 | 53.388 | 0.001  |
| 6/13/2007 13:09 | 71.251 | 2.51  | 53.385 | 0.002  |
| 6/13/2007 13:09 | 71.501 | 2.51  | 53.385 | 0.002  |
| 6/13/2007 13:09 | 71.751 | 2.511 | 53.385 | 0.004  |
| 6/13/2007 13:09 | 72.001 | 2.51  | 53.38  | 0.003  |
| 6/13/2007 13:09 | 72.251 | 2.51  | 53.382 | 0.003  |
| 6/13/2007 13:09 | 72.501 | 2.509 | 53.38  | 0.001  |
| 6/13/2007 13:09 | 72.751 | 2.51  | 53.38  | 0.003  |
| 6/13/2007 13:09 | 73.001 | 2.51  | 53.385 | 0.003  |
| 6/13/2007 13:09 | 73.251 | 2.51  | 53.379 | 0.003  |
| 6/13/2007 13:09 | 73.501 | 2.51  | 53.373 | 0.002  |
| 6/13/2007 13:09 | 73.751 | 2.51  | 53.379 | 0.003  |
| 6/13/2007 13:09 | 74.001 | 2.509 | 53.378 | 0.001  |
| 6/13/2007 13:09 | 74.251 | 2.511 | 53.379 | 0.005  |
| 6/13/2007 13:09 | 74.501 | 2.509 | 53.371 | 0.001  |
| 6/13/2007 13:09 | 74.751 | 2.51  | 53.373 | 0.004  |
| 6/13/2007 13:09 | 75.001 | 2.51  | 53.372 | 0.004  |
| 6/13/2007 13:09 | 75.251 | 2.511 | 53.375 | 0.004  |
| 6/13/2007 13:09 | 75.501 | 2.509 | 53.377 | 0.002  |
| 6/13/2007 13:09 | 75.751 | 2.509 | 53.371 | 0.001  |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/13/2007 13:09 | 76.001 | 2.511 | 53.375 | 0.005  |
| 6/13/2007 13:09 | 76.251 | 2.51  | 53.37  | 0.003  |
| 6/13/2007 13:09 | 76.501 | 2.511 | 53.376 | 0.005  |
| 6/13/2007 13:09 | 76.751 | 2.51  | 53.376 | 0.003  |
| 6/13/2007 13:09 | 77.001 | 2.511 | 53.371 | 0.006  |
| 6/13/2007 13:09 | 77.251 | 2.51  | 53.373 | 0.002  |
| 6/13/2007 13:09 | 77.501 | 2.509 | 53.372 | 0.001  |
| 6/13/2007 13:09 | 77.751 | 2.509 | 53.372 | 0.001  |
| 6/13/2007 13:09 | 78.001 | 2.511 | 53.369 | 0.005  |
| 6/13/2007 13:09 | 78.251 | 2.51  | 53.369 | 0.003  |
| 6/13/2007 13:09 | 78.501 | 2.512 | 53.371 | 0.007  |
| 6/13/2007 13:09 | 78.751 | 2.51  | 53.371 | 0.002  |
| 6/13/2007 13:09 | 79.001 | 2.511 | 53.364 | 0.005  |
| 6/13/2007 13:09 | 79.251 | 2.509 | 53.366 | 0.001  |
| 6/13/2007 13:09 | 79.501 | 2.509 | 53.37  | 0.001  |
| 6/13/2007 13:09 | 79.751 | 2.51  | 53.367 | 0.002  |
| 6/13/2007 13:09 | 80.001 | 2.509 | 53.367 | 0.002  |
| 6/13/2007 13:09 | 80.251 | 2.51  | 53.367 | 0.003  |
| 6/13/2007 13:09 | 80.501 | 2.509 | 53.363 | 0.001  |
| 6/13/2007 13:09 | 80.751 | 2.511 | 53.368 | 0.006  |
| 6/13/2007 13:09 | 81.001 | 2.51  | 53.362 | 0.002  |
| 6/13/2007 13:09 | 81.251 | 2.51  | 53.365 | 0.002  |
| 6/13/2007 13:09 | 81.501 | 2.51  | 53.364 | 0.003  |
| 6/13/2007 13:09 | 81.751 | 2.51  | 53.367 | 0.003  |
| 6/13/2007 13:09 | 82.001 | 2.509 | 53.36  | 0      |
| 6/13/2007 13:09 | 82.251 | 2.509 | 53.367 | 0.001  |
| 6/13/2007 13:09 | 82.501 | 2.51  | 53.363 | 0.003  |
| 6/13/2007 13:09 | 82.751 | 2.51  | 53.364 | 0.003  |
| 6/13/2007 13:09 | 83.001 | 2.51  | 53.362 | 0.002  |
| 6/13/2007 13:09 | 83.251 | 2.51  | 53.361 | 0.002  |
| 6/13/2007 13:09 | 83.501 | 2.51  | 53.365 | 0.003  |
| 6/13/2007 13:09 | 83.751 | 2.51  | 53.366 | 0.002  |
| 6/13/2007 13:09 | 84.001 | 2.511 | 53.362 | 0.006  |
| 6/13/2007 13:09 | 84.251 | 2.509 | 53.358 | 0      |
| 6/13/2007 13:09 | 84.501 | 2.509 | 53.36  | -0.001 |
| 6/13/2007 13:09 | 84.751 | 2.511 | 53.36  | 0.004  |
| 6/13/2007 13:09 | 85.001 | 2.51  | 53.36  | 0.003  |
| 6/13/2007 13:09 | 85.251 | 2.51  | 53.356 | 0.002  |
| 6/13/2007 13:09 | 85.501 | 2.509 | 53.357 | 0.001  |
| 6/13/2007 13:09 | 85.751 | 2.508 | 53.352 | -0.001 |
| 6/13/2007 13:09 | 86.001 | 2.51  | 53.352 | 0.003  |
| 6/13/2007 13:09 | 86.251 | 2.51  | 53.355 | 0.004  |
| 6/13/2007 13:09 | 86.501 | 2.511 | 53.356 | 0.004  |
| 6/13/2007 13:09 | 86.751 | 2.51  | 53.353 | 0.002  |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/13/2007 13:09 | 87.001 | 2.51  | 53.356 | 0.002  |
| 6/13/2007 13:09 | 87.251 | 2.51  | 53.351 | 0.003  |
| 6/13/2007 13:09 | 87.501 | 2.508 | 53.354 | -0.001 |
| 6/13/2007 13:09 | 87.751 | 2.51  | 53.352 | 0.002  |
| 6/13/2007 13:09 | 88.001 | 2.509 | 53.35  | 0      |
| 6/13/2007 13:09 | 88.251 | 2.509 | 53.349 | 0.001  |
| 6/13/2007 13:09 | 88.501 | 2.51  | 53.352 | 0.003  |
| 6/13/2007 13:09 | 88.751 | 2.509 | 53.353 | 0      |
| 6/13/2007 13:09 | 89.001 | 2.51  | 53.351 | 0.003  |
| 6/13/2007 13:09 | 89.251 | 2.509 | 53.349 | 0.001  |
| 6/13/2007 13:09 | 89.501 | 2.51  | 53.351 | 0.002  |
| 6/13/2007 13:09 | 89.751 | 2.509 | 53.347 | 0.001  |
| 6/13/2007 13:09 | 90.001 | 2.509 | 53.346 | 0.001  |
| 6/13/2007 13:09 | 90.251 | 2.509 | 53.346 | 0.001  |
| 6/13/2007 13:09 | 90.501 | 2.51  | 53.35  | 0.002  |
| 6/13/2007 13:09 | 90.751 | 2.51  | 53.341 | 0.003  |
| 6/13/2007 13:10 | 91.001 | 2.509 | 53.348 | 0      |
| 6/13/2007 13:10 | 91.251 | 2.509 | 53.345 | 0.001  |
| 6/13/2007 13:10 | 91.501 | 2.51  | 53.345 | 0.002  |
| 6/13/2007 13:10 | 91.751 | 2.509 | 53.346 | -0.001 |
| 6/13/2007 13:10 | 92.001 | 2.51  | 53.345 | 0.003  |
| 6/13/2007 13:10 | 92.251 | 2.507 | 53.347 | -0.003 |
| 6/13/2007 13:10 | 92.501 | 2.51  | 53.345 | 0.002  |
| 6/13/2007 13:10 | 92.751 | 2.509 | 53.348 | 0.001  |
| 6/13/2007 13:10 | 93.001 | 2.509 | 53.345 | 0.001  |
| 6/13/2007 13:10 | 93.251 | 2.508 | 53.342 | -0.002 |
| 6/13/2007 13:10 | 93.501 | 2.51  | 53.341 | 0.002  |
| 6/13/2007 13:10 | 93.751 | 2.51  | 53.344 | 0.002  |
| 6/13/2007 13:10 | 94.001 | 2.508 | 53.342 | -0.002 |
| 6/13/2007 13:10 | 94.251 | 2.51  | 53.339 | 0.002  |
| 6/13/2007 13:10 | 94.501 | 2.508 | 53.342 | -0.002 |
| 6/13/2007 13:10 | 94.751 | 2.509 | 53.341 | 0      |
| 6/13/2007 13:10 | 95.001 | 2.509 | 53.336 | 0      |
| 6/13/2007 13:10 | 95.251 | 2.509 | 53.333 | 0      |
| 6/13/2007 13:10 | 95.501 | 2.508 | 53.339 | -0.001 |
| 6/13/2007 13:10 | 95.751 | 2.508 | 53.339 | -0.002 |
| 6/13/2007 13:10 | 96.001 | 2.509 | 53.34  | 0      |
| 6/13/2007 13:10 | 96.251 | 2.508 | 53.337 | -0.002 |
| 6/13/2007 13:10 | 96.501 | 2.507 | 53.333 | -0.004 |
| 6/13/2007 13:10 | 96.751 | 2.509 | 53.338 | 0.001  |
| 6/13/2007 13:10 | 97.001 | 2.509 | 53.336 | 0      |
| 6/13/2007 13:10 | 97.251 | 2.509 | 53.334 | -0.001 |
| 6/13/2007 13:10 | 97.501 | 2.509 | 53.334 | -0.001 |
| 6/13/2007 13:10 | 97.751 | 2.508 | 53.336 | -0.002 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/13/2007 13:10 | 98.001  | 2.509 | 53.335 | 0.001  |
| 6/13/2007 13:10 | 98.251  | 2.508 | 53.331 | -0.001 |
| 6/13/2007 13:10 | 98.501  | 2.509 | 53.331 | 0.001  |
| 6/13/2007 13:10 | 98.751  | 2.509 | 53.333 | 0.001  |
| 6/13/2007 13:10 | 99.001  | 2.509 | 53.333 | 0.001  |
| 6/13/2007 13:10 | 99.251  | 2.508 | 53.331 | -0.002 |
| 6/13/2007 13:10 | 99.501  | 2.51  | 53.331 | 0.003  |
| 6/13/2007 13:10 | 99.751  | 2.508 | 53.322 | -0.001 |
| 6/13/2007 13:10 | 100.001 | 2.509 | 53.328 | 0      |
| 6/13/2007 13:10 | 100.251 | 2.508 | 53.323 | -0.001 |
| 6/13/2007 13:10 | 100.501 | 2.509 | 53.323 | 0.001  |
| 6/13/2007 13:10 | 100.751 | 2.509 | 53.335 | 0      |
| 6/13/2007 13:10 | 101.001 | 2.509 | 53.326 | 0      |
| 6/13/2007 13:10 | 101.251 | 2.508 | 53.326 | -0.003 |
| 6/13/2007 13:10 | 101.501 | 2.508 | 53.33  | -0.001 |
| 6/13/2007 13:10 | 101.751 | 2.51  | 53.32  | 0.002  |
| 6/13/2007 13:10 | 102.001 | 2.508 | 53.321 | -0.001 |
| 6/13/2007 13:10 | 102.251 | 2.508 | 53.328 | -0.001 |
| 6/13/2007 13:10 | 102.501 | 2.51  | 53.325 | 0.002  |
| 6/13/2007 13:10 | 102.751 | 2.509 | 53.319 | 0      |
| 6/13/2007 13:10 | 103.001 | 2.508 | 53.322 | -0.001 |
| 6/13/2007 13:10 | 103.251 | 2.509 | 53.318 | -0.001 |
| 6/13/2007 13:10 | 103.501 | 2.508 | 53.316 | -0.001 |
| 6/13/2007 13:10 | 103.751 | 2.509 | 53.314 | 0      |
| 6/13/2007 13:10 | 104.001 | 2.508 | 53.319 | -0.002 |
| 6/13/2007 13:10 | 104.251 | 2.509 | 53.316 | 0.001  |
| 6/13/2007 13:10 | 104.501 | 2.509 | 53.319 | 0      |
| 6/13/2007 13:10 | 104.751 | 2.509 | 53.318 | 0.001  |
| 6/13/2007 13:10 | 105.001 | 2.51  | 53.318 | 0.002  |
| 6/13/2007 13:10 | 105.251 | 2.509 | 53.314 | 0.001  |
| 6/13/2007 13:10 | 105.501 | 2.508 | 53.317 | -0.001 |
| 6/13/2007 13:10 | 105.751 | 2.51  | 53.318 | 0.002  |
| 6/13/2007 13:10 | 106.001 | 2.509 | 53.316 | -0.001 |
| 6/13/2007 13:10 | 106.251 | 2.508 | 53.307 | -0.003 |
| 6/13/2007 13:10 | 106.501 | 2.509 | 53.311 | 0      |
| 6/13/2007 13:10 | 106.751 | 2.51  | 53.316 | 0.002  |
| 6/13/2007 13:10 | 107.001 | 2.509 | 53.314 | 0.001  |
| 6/13/2007 13:10 | 107.251 | 2.509 | 53.311 | 0.001  |
| 6/13/2007 13:10 | 107.501 | 2.509 | 53.307 | 0      |
| 6/13/2007 13:10 | 107.751 | 2.51  | 53.308 | 0.002  |
| 6/13/2007 13:10 | 108.001 | 2.509 | 53.304 | 0      |
| 6/13/2007 13:10 | 108.251 | 2.508 | 53.308 | -0.002 |
| 6/13/2007 13:10 | 108.501 | 2.509 | 53.31  | -0.001 |
| 6/13/2007 13:10 | 108.751 | 2.508 | 53.303 | -0.002 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/13/2007 13:10 | 109.001 | 2.509 | 53.302 | 0      |
| 6/13/2007 13:10 | 109.251 | 2.509 | 53.305 | 0      |
| 6/13/2007 13:10 | 109.501 | 2.51  | 53.305 | 0.003  |
| 6/13/2007 13:10 | 109.751 | 2.509 | 53.304 | 0      |
| 6/13/2007 13:10 | 110.001 | 2.51  | 53.3   | 0.003  |
| 6/13/2007 13:10 | 110.251 | 2.509 | 53.301 | 0.001  |
| 6/13/2007 13:10 | 110.501 | 2.51  | 53.305 | 0.003  |
| 6/13/2007 13:10 | 110.751 | 2.509 | 53.301 | 0.001  |
| 6/13/2007 13:10 | 111.001 | 2.509 | 53.296 | 0      |
| 6/13/2007 13:10 | 111.251 | 2.509 | 53.3   | 0      |
| 6/13/2007 13:10 | 111.501 | 2.509 | 53.299 | 0      |
| 6/13/2007 13:10 | 111.751 | 2.509 | 53.299 | -0.001 |
| 6/13/2007 13:10 | 112.001 | 2.508 | 53.295 | -0.002 |
| 6/13/2007 13:10 | 112.251 | 2.508 | 53.299 | -0.002 |
| 6/13/2007 13:10 | 112.501 | 2.509 | 53.298 | 0      |
| 6/13/2007 13:10 | 112.751 | 2.507 | 53.296 | -0.004 |
| 6/13/2007 13:10 | 113.001 | 2.509 | 53.298 | -0.001 |
| 6/13/2007 13:10 | 113.251 | 2.508 | 53.299 | -0.002 |
| 6/13/2007 13:10 | 113.501 | 2.51  | 53.294 | 0.002  |
| 6/13/2007 13:10 | 113.751 | 2.509 | 53.29  | 0      |
| 6/13/2007 13:10 | 114.001 | 2.508 | 53.292 | -0.002 |
| 6/13/2007 13:10 | 114.251 | 2.509 | 53.288 | 0      |
| 6/13/2007 13:10 | 114.501 | 2.509 | 53.295 | 0.001  |
| 6/13/2007 13:10 | 114.751 | 2.508 | 53.293 | -0.002 |
| 6/13/2007 13:10 | 115.001 | 2.508 | 53.293 | -0.001 |
| 6/13/2007 13:10 | 115.251 | 2.509 | 53.289 | 0      |
| 6/13/2007 13:10 | 115.501 | 2.51  | 53.291 | 0.002  |
| 6/13/2007 13:10 | 115.751 | 2.508 | 53.288 | -0.002 |
| 6/13/2007 13:10 | 116.001 | 2.508 | 53.284 | -0.001 |
| 6/13/2007 13:10 | 116.251 | 2.508 | 53.283 | -0.002 |
| 6/13/2007 13:10 | 116.501 | 2.508 | 53.287 | -0.003 |
| 6/13/2007 13:10 | 116.751 | 2.509 | 53.282 | 0      |
| 6/13/2007 13:10 | 117.001 | 2.508 | 53.287 | -0.001 |
| 6/13/2007 13:10 | 117.251 | 2.509 | 53.28  | 0.001  |
| 6/13/2007 13:10 | 117.501 | 2.508 | 53.286 | -0.001 |
| 6/13/2007 13:10 | 117.751 | 2.509 | 53.286 | 0.001  |
| 6/13/2007 13:10 | 118.001 | 2.508 | 53.282 | -0.002 |
| 6/13/2007 13:10 | 118.251 | 2.508 | 53.285 | -0.003 |
| 6/13/2007 13:10 | 118.501 | 2.509 | 53.279 | 0.001  |
| 6/13/2007 13:10 | 118.751 | 2.508 | 53.28  | -0.003 |
| 6/13/2007 13:10 | 119.001 | 2.509 | 53.278 | 0      |
| 6/13/2007 13:10 | 119.251 | 2.507 | 53.28  | -0.003 |
| 6/13/2007 13:10 | 119.501 | 2.508 | 53.275 | -0.002 |
| 6/13/2007 13:10 | 119.751 | 2.507 | 53.278 | -0.003 |

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|                 |          |       |        |        |
|-----------------|----------|-------|--------|--------|
| 6/13/2007 13:10 | 120.001  | 2.508 | 53.271 | -0.002 |
| 6/13/2007 13:11 | 180.001  | 2.51  | 52.738 | 0.004  |
| 6/13/2007 13:12 | 240.001  | 2.511 | 52.537 | 0.004  |
| 6/13/2007 13:13 | 300.001  | 2.51  | 52.424 | 0.004  |
| 6/13/2007 13:14 | 360.001  | 2.508 | 52.365 | -0.002 |
| 6/13/2007 13:15 | 420.001  | 2.508 | 52.36  | -0.003 |
| 6/13/2007 13:16 | 480.001  | 2.508 | 52.377 | -0.002 |
| 6/13/2007 13:17 | 540.001  | 2.509 | 52.368 | 0      |
| 6/13/2007 13:18 | 600.001  | 2.509 | 52.346 | 0.001  |
| 6/13/2007 13:19 | 660.001  | 2.51  | 52.317 | 0.002  |
| 6/13/2007 13:20 | 720.001  | 2.508 | 52.295 | -0.001 |
| 6/13/2007 13:21 | 780.001  | 2.509 | 52.3   | 0      |
| 6/13/2007 13:22 | 840.001  | 2.51  | 52.304 | 0.004  |
| 6/13/2007 13:23 | 900.001  | 2.508 | 52.31  | -0.002 |
| 6/13/2007 13:24 | 960.001  | 2.508 | 52.302 | -0.002 |
| 6/13/2007 13:25 | 1020.001 | 2.507 | 52.304 | -0.005 |
| 6/13/2007 13:26 | 1080.001 | 2.508 | 52.296 | -0.003 |
| 6/13/2007 13:27 | 1140.001 | 2.508 | 52.291 | -0.001 |
| 6/13/2007 13:28 | 1200.001 | 2.509 | 52.283 | 0      |
| 6/13/2007 13:29 | 1260.001 | 2.507 | 52.273 | -0.005 |
| 6/13/2007 13:30 | 1320.001 | 2.507 | 52.267 | -0.003 |

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## Raw Test Data for MW-390 S Rising Head

Report Date: 6/26/2007 11:14  
Report User Name: made  
Report Computer Name: BLUS-MADE

### Log File Properties

File Name mw390s b 2007-06-12 15.26.28.wsl  
Create Date 6/12/2007 14:26

### Device Properties

Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

### Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw390s b          |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/12/2007 14:02   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

#### Step: 1

Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

#### Step: 2

Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

### Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 2.42486 (PSI)     |
| Temperature                   | 57.1228 (F)       |
| Depth of Probe                | 5.6005 (ft)       |

### Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/12/2007 14:01 | User Note: "Level reference initialized to: 0" |
| 6/12/2007 14:03 | Manual Start Command                           |

### Log Data:

Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/12/2007 14:03 | 0                       | 2.432                           | 56.122                          | 0.016                           |
| 6/12/2007 14:03 | 0.251                   | 2.431                           | 56.161                          | 0.013                           |
| 6/12/2007 14:03 | 0.501                   | 2.43                            | 56.18                           | 0.013                           |
| 6/12/2007 14:03 | 0.753                   | 2.436                           | 56.198                          | 0.026                           |
| 6/12/2007 14:03 | 1.375                   | 2.431                           | 56.322                          | 0.015                           |
| 6/12/2007 14:03 | 1.58                    | 2.433                           | 56.319                          | 0.018                           |
| 6/12/2007 14:03 | 1.785                   | 2.43                            | 56.312                          | 0.012                           |
| 6/12/2007 14:03 | 1.989                   | 2.432                           | 56.314                          | 0.015                           |
| 6/12/2007 14:03 | 2.501                   | 2.432                           | 56.379                          | 0.017                           |
| 6/12/2007 14:03 | 2.706                   | 2.433                           | 56.363                          | 0.018                           |
| 6/12/2007 14:03 | 2.914                   | 2.431                           | 56.352                          | 0.014                           |
| 6/12/2007 14:03 | 3.118                   | 2.432                           | 56.344                          | 0.016                           |
| 6/12/2007 14:03 | 3.322                   | 2.431                           | 56.339                          | 0.015                           |
| 6/12/2007 14:03 | 3.526                   | 2.431                           | 56.343                          | 0.015                           |
| 6/12/2007 14:03 | 3.73                    | 2.431                           | 56.337                          | 0.014                           |
| 6/12/2007 14:03 | 3.935                   | 2.431                           | 56.34                           | 0.014                           |
| 6/12/2007 14:03 | 4.139                   | 2.429                           | 56.338                          | 0.009                           |
| 6/12/2007 14:03 | 4.343                   | 2.431                           | 56.333                          | 0.014                           |
| 6/12/2007 14:03 | 4.547                   | 2.429                           | 56.333                          | 0.011                           |
| 6/12/2007 14:03 | 4.751                   | 2.431                           | 56.336                          | 0.013                           |
| 6/12/2007 14:03 | 5.001                   | 2.43                            | 56.318                          | 0.013                           |
| 6/12/2007 14:03 | 5.251                   | 2.43                            | 56.315                          | 0.011                           |
| 6/12/2007 14:03 | 5.501                   | 2.431                           | 56.31                           | 0.014                           |
| 6/12/2007 14:03 | 5.751                   | 2.43                            | 56.302                          | 0.013                           |
| 6/12/2007 14:03 | 6.001                   | 2.429                           | 56.303                          | 0.011                           |
| 6/12/2007 14:03 | 6.251                   | 2.43                            | 56.296                          | 0.013                           |
| 6/12/2007 14:03 | 6.501                   | 2.431                           | 56.296                          | 0.013                           |
| 6/12/2007 14:03 | 6.751                   | 2.43                            | 56.297                          | 0.012                           |
| 6/12/2007 14:03 | 7.001                   | 2.431                           | 56.288                          | 0.013                           |
| 6/12/2007 14:03 | 7.251                   | 2.431                           | 56.292                          | 0.014                           |
| 6/12/2007 14:03 | 7.501                   | 2.43                            | 56.287                          | 0.011                           |
| 6/12/2007 14:03 | 7.751                   | 2.429                           | 56.284                          | 0.01                            |
| 6/12/2007 14:03 | 8.001                   | 2.43                            | 56.29                           | 0.013                           |
| 6/12/2007 14:03 | 8.251                   | 2.43                            | 56.287                          | 0.011                           |
| 6/12/2007 14:03 | 8.501                   | 2.43                            | 56.282                          | 0.012                           |
| 6/12/2007 14:03 | 8.751                   | 2.431                           | 56.282                          | 0.013                           |
| 6/12/2007 14:03 | 9.001                   | 2.43                            | 56.278                          | 0.012                           |
| 6/12/2007 14:03 | 9.251                   | 2.431                           | 56.279                          | 0.015                           |
| 6/12/2007 14:03 | 9.501                   | 2.429                           | 56.275                          | 0.01                            |
| 6/12/2007 14:03 | 9.751                   | 2.429                           | 56.276                          | 0.01                            |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 14:03 | 10.001 | 2.43  | 56.28  | 0.012 |
| 6/12/2007 14:03 | 10.251 | 2.43  | 56.273 | 0.012 |
| 6/12/2007 14:03 | 10.501 | 2.43  | 56.28  | 0.012 |
| 6/12/2007 14:03 | 10.751 | 2.429 | 56.269 | 0.009 |
| 6/12/2007 14:03 | 11.001 | 2.43  | 56.276 | 0.011 |
| 6/12/2007 14:03 | 11.251 | 2.43  | 56.275 | 0.012 |
| 6/12/2007 14:03 | 11.501 | 2.428 | 56.273 | 0.008 |
| 6/12/2007 14:03 | 11.751 | 2.43  | 56.267 | 0.011 |
| 6/12/2007 14:03 | 12.001 | 2.43  | 56.273 | 0.013 |
| 6/12/2007 14:03 | 12.251 | 2.429 | 56.268 | 0.01  |
| 6/12/2007 14:03 | 12.501 | 2.429 | 56.261 | 0.011 |
| 6/12/2007 14:03 | 12.751 | 2.43  | 56.268 | 0.012 |
| 6/12/2007 14:03 | 13.001 | 2.431 | 56.264 | 0.013 |
| 6/12/2007 14:03 | 13.251 | 2.43  | 56.269 | 0.011 |
| 6/12/2007 14:03 | 13.501 | 2.43  | 56.261 | 0.011 |
| 6/12/2007 14:03 | 13.751 | 2.431 | 56.267 | 0.014 |
| 6/12/2007 14:03 | 14.001 | 2.43  | 56.259 | 0.011 |
| 6/12/2007 14:03 | 14.251 | 2.43  | 56.263 | 0.013 |
| 6/12/2007 14:03 | 14.501 | 2.431 | 56.256 | 0.013 |
| 6/12/2007 14:03 | 14.751 | 2.429 | 56.258 | 0.01  |
| 6/12/2007 14:03 | 15.001 | 2.429 | 56.26  | 0.01  |
| 6/12/2007 14:03 | 15.251 | 2.431 | 56.261 | 0.015 |
| 6/12/2007 14:03 | 15.501 | 2.429 | 56.257 | 0.011 |
| 6/12/2007 14:03 | 15.751 | 2.43  | 56.263 | 0.012 |
| 6/12/2007 14:03 | 16.001 | 2.429 | 56.25  | 0.009 |
| 6/12/2007 14:03 | 16.251 | 2.428 | 56.255 | 0.007 |
| 6/12/2007 14:03 | 16.501 | 2.429 | 56.254 | 0.01  |
| 6/12/2007 14:03 | 16.751 | 2.43  | 56.256 | 0.012 |
| 6/12/2007 14:03 | 17.001 | 2.429 | 56.249 | 0.009 |
| 6/12/2007 14:03 | 17.251 | 2.428 | 56.25  | 0.008 |
| 6/12/2007 14:03 | 17.501 | 2.429 | 56.256 | 0.01  |
| 6/12/2007 14:03 | 17.751 | 2.427 | 56.249 | 0.006 |
| 6/12/2007 14:03 | 18.001 | 2.429 | 56.247 | 0.01  |
| 6/12/2007 14:03 | 18.251 | 2.428 | 56.248 | 0.007 |
| 6/12/2007 14:03 | 18.501 | 2.429 | 56.249 | 0.008 |
| 6/12/2007 14:03 | 18.751 | 2.43  | 56.241 | 0.013 |
| 6/12/2007 14:03 | 19.001 | 2.427 | 56.243 | 0.006 |
| 6/12/2007 14:03 | 19.251 | 2.429 | 56.243 | 0.011 |
| 6/12/2007 14:03 | 19.501 | 2.429 | 56.243 | 0.01  |
| 6/12/2007 14:03 | 19.751 | 2.43  | 56.247 | 0.012 |
| 6/12/2007 14:03 | 20.001 | 2.428 | 56.241 | 0.006 |
| 6/12/2007 14:03 | 20.251 | 2.429 | 56.24  | 0.011 |
| 6/12/2007 14:03 | 20.501 | 2.429 | 56.243 | 0.011 |
| 6/12/2007 14:03 | 20.751 | 2.431 | 56.239 | 0.013 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 14:03 | 21.001 | 2.429 | 56.23  | 0.01  |
| 6/12/2007 14:03 | 21.251 | 2.43  | 56.231 | 0.013 |
| 6/12/2007 14:03 | 21.501 | 2.429 | 56.236 | 0.01  |
| 6/12/2007 14:03 | 21.751 | 2.429 | 56.233 | 0.01  |
| 6/12/2007 14:03 | 22.001 | 2.429 | 56.229 | 0.009 |
| 6/12/2007 14:03 | 22.251 | 2.43  | 56.227 | 0.011 |
| 6/12/2007 14:03 | 22.501 | 2.43  | 56.237 | 0.012 |
| 6/12/2007 14:03 | 22.751 | 2.429 | 56.239 | 0.01  |
| 6/12/2007 14:03 | 23.001 | 2.431 | 56.239 | 0.014 |
| 6/12/2007 14:03 | 23.251 | 2.43  | 56.239 | 0.012 |
| 6/12/2007 14:03 | 23.501 | 2.429 | 56.241 | 0.009 |
| 6/12/2007 14:03 | 23.751 | 2.43  | 56.225 | 0.012 |
| 6/12/2007 14:03 | 24.001 | 2.429 | 56.232 | 0.009 |
| 6/12/2007 14:03 | 24.251 | 2.429 | 56.227 | 0.01  |
| 6/12/2007 14:03 | 24.501 | 2.429 | 56.228 | 0.01  |
| 6/12/2007 14:03 | 24.751 | 2.429 | 56.231 | 0.01  |
| 6/12/2007 14:03 | 25.001 | 2.429 | 56.226 | 0.01  |
| 6/12/2007 14:03 | 25.251 | 2.431 | 56.216 | 0.014 |
| 6/12/2007 14:03 | 25.501 | 2.43  | 56.223 | 0.011 |
| 6/12/2007 14:03 | 25.751 | 2.429 | 56.224 | 0.009 |
| 6/12/2007 14:03 | 26.001 | 2.43  | 56.22  | 0.012 |
| 6/12/2007 14:03 | 26.251 | 2.428 | 56.215 | 0.008 |
| 6/12/2007 14:03 | 26.501 | 2.43  | 56.217 | 0.012 |
| 6/12/2007 14:03 | 26.751 | 2.427 | 56.213 | 0.005 |
| 6/12/2007 14:03 | 27.001 | 2.429 | 56.214 | 0.009 |
| 6/12/2007 14:03 | 27.251 | 2.43  | 56.215 | 0.011 |
| 6/12/2007 14:03 | 27.501 | 2.43  | 56.213 | 0.012 |
| 6/12/2007 14:03 | 27.751 | 2.43  | 56.213 | 0.013 |
| 6/12/2007 14:03 | 28.001 | 2.429 | 56.215 | 0.008 |
| 6/12/2007 14:03 | 28.251 | 2.43  | 56.21  | 0.012 |
| 6/12/2007 14:03 | 28.501 | 2.429 | 56.208 | 0.01  |
| 6/12/2007 14:03 | 28.751 | 2.429 | 56.21  | 0.01  |
| 6/12/2007 14:03 | 29.001 | 2.43  | 56.207 | 0.012 |
| 6/12/2007 14:03 | 29.251 | 2.431 | 56.209 | 0.013 |
| 6/12/2007 14:03 | 29.501 | 2.431 | 56.202 | 0.014 |
| 6/12/2007 14:03 | 29.751 | 2.43  | 56.209 | 0.011 |
| 6/12/2007 14:03 | 30.001 | 2.43  | 56.203 | 0.012 |
| 6/12/2007 14:03 | 30.251 | 2.43  | 56.202 | 0.011 |
| 6/12/2007 14:03 | 30.501 | 2.429 | 56.205 | 0.01  |
| 6/12/2007 14:03 | 30.751 | 2.43  | 56.199 | 0.012 |
| 6/12/2007 14:03 | 31.001 | 2.429 | 56.202 | 0.009 |
| 6/12/2007 14:03 | 31.251 | 2.431 | 56.197 | 0.013 |
| 6/12/2007 14:03 | 31.501 | 2.43  | 56.195 | 0.011 |
| 6/12/2007 14:03 | 31.751 | 2.428 | 56.196 | 0.008 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 14:03 | 32.001 | 2.429 | 56.192 | 0.01  |
| 6/12/2007 14:03 | 32.251 | 2.428 | 56.197 | 0.008 |
| 6/12/2007 14:03 | 32.501 | 2.429 | 56.192 | 0.011 |
| 6/12/2007 14:03 | 32.751 | 2.426 | 56.195 | 0.003 |
| 6/12/2007 14:03 | 33.001 | 2.43  | 56.193 | 0.013 |
| 6/12/2007 14:03 | 33.251 | 2.43  | 56.19  | 0.012 |
| 6/12/2007 14:03 | 33.501 | 2.431 | 56.19  | 0.015 |
| 6/12/2007 14:03 | 33.751 | 2.431 | 56.189 | 0.015 |
| 6/12/2007 14:03 | 34.001 | 2.43  | 56.191 | 0.012 |
| 6/12/2007 14:03 | 34.251 | 2.428 | 56.186 | 0.006 |
| 6/12/2007 14:03 | 34.501 | 2.429 | 56.187 | 0.01  |
| 6/12/2007 14:03 | 34.751 | 2.432 | 56.187 | 0.016 |
| 6/12/2007 14:03 | 35.001 | 2.429 | 56.185 | 0.01  |
| 6/12/2007 14:03 | 35.251 | 2.429 | 56.182 | 0.01  |
| 6/12/2007 14:03 | 35.501 | 2.432 | 56.196 | 0.016 |
| 6/12/2007 14:03 | 35.751 | 2.432 | 56.19  | 0.017 |
| 6/12/2007 14:03 | 36.001 | 2.428 | 56.186 | 0.007 |
| 6/12/2007 14:03 | 36.251 | 2.431 | 56.178 | 0.013 |
| 6/12/2007 14:03 | 36.501 | 2.429 | 56.18  | 0.01  |
| 6/12/2007 14:03 | 36.751 | 2.433 | 56.179 | 0.018 |
| 6/12/2007 14:03 | 37.001 | 2.429 | 56.176 | 0.01  |
| 6/12/2007 14:03 | 37.251 | 2.432 | 56.177 | 0.016 |
| 6/12/2007 14:03 | 37.501 | 2.433 | 56.174 | 0.018 |
| 6/12/2007 14:03 | 37.751 | 2.432 | 56.173 | 0.017 |
| 6/12/2007 14:03 | 38.001 | 2.431 | 56.173 | 0.013 |
| 6/12/2007 14:03 | 38.251 | 2.43  | 56.167 | 0.011 |
| 6/12/2007 14:03 | 38.501 | 2.432 | 56.167 | 0.017 |
| 6/12/2007 14:03 | 38.751 | 2.428 | 56.167 | 0.008 |
| 6/12/2007 14:03 | 39.001 | 2.433 | 56.169 | 0.018 |
| 6/12/2007 14:03 | 39.251 | 2.428 | 56.169 | 0.008 |
| 6/12/2007 14:03 | 39.501 | 2.428 | 56.171 | 0.007 |
| 6/12/2007 14:03 | 39.751 | 2.433 | 56.166 | 0.02  |
| 6/12/2007 14:03 | 40.001 | 2.432 | 56.165 | 0.017 |
| 6/12/2007 14:03 | 40.251 | 2.428 | 56.163 | 0.007 |
| 6/12/2007 14:03 | 40.501 | 2.43  | 56.164 | 0.012 |
| 6/12/2007 14:03 | 40.751 | 2.43  | 56.162 | 0.012 |
| 6/12/2007 14:03 | 41.001 | 2.429 | 56.158 | 0.009 |
| 6/12/2007 14:03 | 41.251 | 2.433 | 56.158 | 0.018 |
| 6/12/2007 14:03 | 41.501 | 2.43  | 56.163 | 0.012 |
| 6/12/2007 14:03 | 41.751 | 2.432 | 56.155 | 0.016 |
| 6/12/2007 14:03 | 42.001 | 2.432 | 56.155 | 0.016 |
| 6/12/2007 14:03 | 42.251 | 2.429 | 56.158 | 0.01  |
| 6/12/2007 14:03 | 42.501 | 2.431 | 56.156 | 0.015 |
| 6/12/2007 14:03 | 42.751 | 2.432 | 56.149 | 0.017 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:03 | 43.001 | 2.43  | 56.151 | 0.012  |
| 6/12/2007 14:03 | 43.251 | 2.431 | 56.153 | 0.014  |
| 6/12/2007 14:03 | 43.501 | 2.43  | 56.151 | 0.012  |
| 6/12/2007 14:03 | 43.751 | 2.431 | 56.153 | 0.014  |
| 6/12/2007 14:03 | 44.001 | 2.429 | 56.148 | 0.01   |
| 6/12/2007 14:03 | 44.251 | 2.433 | 56.145 | 0.018  |
| 6/12/2007 14:03 | 44.501 | 2.432 | 56.149 | 0.016  |
| 6/12/2007 14:03 | 44.751 | 2.432 | 56.146 | 0.017  |
| 6/12/2007 14:03 | 45.001 | 2.43  | 56.145 | 0.011  |
| 6/12/2007 14:03 | 45.251 | 2.429 | 56.143 | 0.01   |
| 6/12/2007 14:03 | 45.501 | 2.453 | 56.144 | 0.065  |
| 6/12/2007 14:03 | 45.751 | 2.432 | 56.142 | 0.016  |
| 6/12/2007 14:03 | 46.001 | 2.347 | 56.135 | -0.179 |
| 6/12/2007 14:03 | 46.251 | 2.584 | 56.141 | 0.367  |
| 6/12/2007 14:03 | 46.501 | 2.322 | 56.136 | -0.238 |
| 6/12/2007 14:03 | 46.751 | 2.19  | 56.132 | -0.542 |
| 6/12/2007 14:03 | 47.001 | 2.359 | 56.134 | -0.152 |
| 6/12/2007 14:03 | 47.251 | 2.302 | 56.133 | -0.284 |
| 6/12/2007 14:03 | 47.501 | 2.337 | 56.132 | -0.204 |
| 6/12/2007 14:03 | 47.751 | 2.35  | 56.131 | -0.174 |
| 6/12/2007 14:03 | 48.001 | 2.344 | 56.119 | -0.186 |
| 6/12/2007 14:03 | 48.251 | 2.355 | 56.125 | -0.16  |
| 6/12/2007 14:03 | 48.501 | 2.398 | 56.125 | -0.062 |
| 6/12/2007 14:03 | 48.751 | 2.429 | 56.125 | 0.011  |
| 6/12/2007 14:03 | 49.001 | 2.446 | 56.125 | 0.048  |
| 6/12/2007 14:03 | 49.251 | 2.44  | 56.123 | 0.035  |
| 6/12/2007 14:03 | 49.501 | 2.433 | 56.122 | 0.018  |
| 6/12/2007 14:03 | 49.751 | 2.427 | 56.122 | 0.004  |
| 6/12/2007 14:03 | 50.001 | 2.43  | 56.124 | 0.012  |
| 6/12/2007 14:03 | 50.251 | 2.428 | 56.12  | 0.007  |
| 6/12/2007 14:03 | 50.501 | 2.432 | 56.125 | 0.017  |
| 6/12/2007 14:03 | 50.751 | 2.425 | 56.121 | 0.001  |
| 6/12/2007 14:03 | 51.001 | 2.434 | 56.116 | 0.021  |
| 6/12/2007 14:03 | 51.251 | 2.426 | 56.118 | 0.004  |
| 6/12/2007 14:03 | 51.501 | 2.426 | 56.115 | 0.003  |
| 6/12/2007 14:03 | 51.751 | 2.425 | 56.112 | 0.001  |
| 6/12/2007 14:03 | 52.001 | 2.426 | 56.118 | 0.002  |
| 6/12/2007 14:03 | 52.251 | 2.427 | 56.12  | 0.005  |
| 6/12/2007 14:03 | 52.501 | 2.429 | 56.114 | 0.009  |
| 6/12/2007 14:03 | 52.751 | 2.428 | 56.114 | 0.007  |
| 6/12/2007 14:03 | 53.001 | 2.427 | 56.114 | 0.005  |
| 6/12/2007 14:03 | 53.251 | 2.428 | 56.106 | 0.006  |
| 6/12/2007 14:03 | 53.501 | 2.426 | 56.106 | 0.003  |
| 6/12/2007 14:03 | 53.751 | 2.427 | 56.108 | 0.005  |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 14:03 | 54.001 | 2.427 | 56.105 | 0.005 |
| 6/12/2007 14:03 | 54.251 | 2.428 | 56.1   | 0.008 |
| 6/12/2007 14:03 | 54.501 | 2.425 | 56.108 | 0     |
| 6/12/2007 14:03 | 54.751 | 2.426 | 56.102 | 0.002 |
| 6/12/2007 14:03 | 55.001 | 2.427 | 56.099 | 0.004 |
| 6/12/2007 14:03 | 55.251 | 2.426 | 56.101 | 0.002 |
| 6/12/2007 14:03 | 55.501 | 2.426 | 56.098 | 0.002 |
| 6/12/2007 14:03 | 55.751 | 2.428 | 56.098 | 0.007 |
| 6/12/2007 14:03 | 56.001 | 2.427 | 56.101 | 0.005 |
| 6/12/2007 14:03 | 56.251 | 2.428 | 56.096 | 0.007 |
| 6/12/2007 14:03 | 56.501 | 2.427 | 56.094 | 0.005 |
| 6/12/2007 14:04 | 56.751 | 2.428 | 56.096 | 0.007 |
| 6/12/2007 14:04 | 57.001 | 2.428 | 56.091 | 0.007 |
| 6/12/2007 14:04 | 57.251 | 2.427 | 56.09  | 0.006 |
| 6/12/2007 14:04 | 57.501 | 2.426 | 56.091 | 0.003 |
| 6/12/2007 14:04 | 57.751 | 2.428 | 56.09  | 0.006 |
| 6/12/2007 14:04 | 58.001 | 2.427 | 56.091 | 0.005 |
| 6/12/2007 14:04 | 58.251 | 2.427 | 56.089 | 0.004 |
| 6/12/2007 14:04 | 58.501 | 2.426 | 56.089 | 0.003 |
| 6/12/2007 14:04 | 58.751 | 2.428 | 56.088 | 0.007 |
| 6/12/2007 14:04 | 59.001 | 2.427 | 56.082 | 0.004 |
| 6/12/2007 14:04 | 59.251 | 2.426 | 56.084 | 0.002 |
| 6/12/2007 14:04 | 59.501 | 2.427 | 56.082 | 0.004 |
| 6/12/2007 14:04 | 59.751 | 2.427 | 56.079 | 0.006 |
| 6/12/2007 14:04 | 60.001 | 2.428 | 56.081 | 0.006 |
| 6/12/2007 14:04 | 60.251 | 2.426 | 56.076 | 0.003 |
| 6/12/2007 14:04 | 60.504 | 2.428 | 56.075 | 0.008 |
| 6/12/2007 14:04 | 60.751 | 2.428 | 56.081 | 0.007 |
| 6/12/2007 14:04 | 61.001 | 2.428 | 56.071 | 0.007 |
| 6/12/2007 14:04 | 61.251 | 2.427 | 56.078 | 0.005 |
| 6/12/2007 14:04 | 61.501 | 2.428 | 56.079 | 0.006 |
| 6/12/2007 14:04 | 61.751 | 2.427 | 56.074 | 0.004 |
| 6/12/2007 14:04 | 62.001 | 2.426 | 56.073 | 0.003 |
| 6/12/2007 14:04 | 62.251 | 2.428 | 56.074 | 0.007 |
| 6/12/2007 14:04 | 62.501 | 2.428 | 56.075 | 0.007 |
| 6/12/2007 14:04 | 62.751 | 2.428 | 56.068 | 0.007 |
| 6/12/2007 14:04 | 63.001 | 2.427 | 56.066 | 0.005 |
| 6/12/2007 14:04 | 63.251 | 2.428 | 56.068 | 0.007 |
| 6/12/2007 14:04 | 63.501 | 2.426 | 56.065 | 0.003 |
| 6/12/2007 14:04 | 63.751 | 2.426 | 56.067 | 0.003 |
| 6/12/2007 14:04 | 64.001 | 2.427 | 56.064 | 0.004 |
| 6/12/2007 14:04 | 64.251 | 2.428 | 56.067 | 0.007 |
| 6/12/2007 14:04 | 64.501 | 2.426 | 56.062 | 0.002 |
| 6/12/2007 14:04 | 64.751 | 2.426 | 56.064 | 0.002 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:04 | 65.001 | 2.426 | 56.063 | 0.002  |
| 6/12/2007 14:04 | 65.251 | 2.427 | 56.06  | 0.005  |
| 6/12/2007 14:04 | 65.501 | 2.427 | 56.06  | 0.004  |
| 6/12/2007 14:04 | 65.751 | 2.427 | 56.054 | 0.005  |
| 6/12/2007 14:04 | 66.001 | 2.427 | 56.061 | 0.006  |
| 6/12/2007 14:04 | 66.251 | 2.426 | 56.057 | 0.004  |
| 6/12/2007 14:04 | 66.501 | 2.427 | 56.055 | 0.006  |
| 6/12/2007 14:04 | 66.751 | 2.427 | 56.056 | 0.005  |
| 6/12/2007 14:04 | 67.001 | 2.426 | 56.055 | 0.002  |
| 6/12/2007 14:04 | 67.251 | 2.426 | 56.053 | 0.003  |
| 6/12/2007 14:04 | 67.501 | 2.427 | 56.049 | 0.005  |
| 6/12/2007 14:04 | 67.751 | 2.424 | 56.053 | -0.003 |
| 6/12/2007 14:04 | 68.001 | 2.426 | 56.045 | 0.003  |
| 6/12/2007 14:04 | 68.251 | 2.427 | 56.049 | 0.005  |
| 6/12/2007 14:04 | 68.501 | 2.427 | 56.049 | 0.004  |
| 6/12/2007 14:04 | 68.751 | 2.426 | 56.043 | 0.003  |
| 6/12/2007 14:04 | 69.001 | 2.426 | 56.043 | 0.004  |
| 6/12/2007 14:04 | 69.251 | 2.427 | 56.043 | 0.004  |
| 6/12/2007 14:04 | 69.501 | 2.426 | 56.041 | 0.004  |
| 6/12/2007 14:04 | 69.751 | 2.427 | 56.043 | 0.005  |
| 6/12/2007 14:04 | 70.001 | 2.426 | 56.043 | 0.002  |
| 6/12/2007 14:04 | 70.251 | 2.426 | 56.042 | 0.003  |
| 6/12/2007 14:04 | 70.501 | 2.427 | 56.038 | 0.006  |
| 6/12/2007 14:04 | 70.751 | 2.427 | 56.038 | 0.004  |
| 6/12/2007 14:04 | 71.001 | 2.427 | 56.038 | 0.005  |
| 6/12/2007 14:04 | 71.251 | 2.426 | 56.036 | 0.002  |
| 6/12/2007 14:04 | 71.501 | 2.426 | 56.04  | 0.003  |
| 6/12/2007 14:04 | 71.751 | 2.427 | 56.034 | 0.004  |
| 6/12/2007 14:04 | 72.001 | 2.427 | 56.029 | 0.004  |
| 6/12/2007 14:04 | 72.251 | 2.427 | 56.034 | 0.005  |
| 6/12/2007 14:04 | 72.501 | 2.427 | 56.031 | 0.006  |
| 6/12/2007 14:04 | 72.751 | 2.426 | 56.035 | 0.002  |
| 6/12/2007 14:04 | 73.001 | 2.427 | 56.03  | 0.005  |
| 6/12/2007 14:04 | 73.251 | 2.427 | 56.027 | 0.006  |
| 6/12/2007 14:04 | 73.501 | 2.427 | 56.027 | 0.004  |
| 6/12/2007 14:04 | 73.751 | 2.428 | 56.026 | 0.007  |
| 6/12/2007 14:04 | 74.001 | 2.426 | 56.026 | 0.003  |
| 6/12/2007 14:04 | 74.251 | 2.425 | 56.029 | 0.001  |
| 6/12/2007 14:04 | 74.501 | 2.427 | 56.025 | 0.005  |
| 6/12/2007 14:04 | 74.751 | 2.427 | 56.021 | 0.005  |
| 6/12/2007 14:04 | 75.001 | 2.426 | 56.019 | 0.003  |
| 6/12/2007 14:04 | 75.251 | 2.427 | 56.017 | 0.004  |
| 6/12/2007 14:04 | 75.501 | 2.427 | 56.02  | 0.005  |
| 6/12/2007 14:04 | 75.751 | 2.425 | 56.019 | 0      |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:04 | 76.001 | 2.425 | 56.015 | 0.001  |
| 6/12/2007 14:04 | 76.251 | 2.427 | 56.018 | 0.004  |
| 6/12/2007 14:04 | 76.501 | 2.427 | 56.013 | 0.006  |
| 6/12/2007 14:04 | 76.751 | 2.426 | 56.017 | 0.003  |
| 6/12/2007 14:04 | 77.001 | 2.427 | 56.015 | 0.006  |
| 6/12/2007 14:04 | 77.251 | 2.427 | 56.013 | 0.006  |
| 6/12/2007 14:04 | 77.501 | 2.427 | 56.012 | 0.004  |
| 6/12/2007 14:04 | 77.751 | 2.425 | 56.009 | 0.001  |
| 6/12/2007 14:04 | 78.001 | 2.426 | 56.008 | 0.002  |
| 6/12/2007 14:04 | 78.251 | 2.427 | 56.007 | 0.005  |
| 6/12/2007 14:04 | 78.501 | 2.425 | 56.004 | 0.001  |
| 6/12/2007 14:04 | 78.751 | 2.426 | 56.006 | 0.003  |
| 6/12/2007 14:04 | 79.001 | 2.426 | 56.005 | 0.002  |
| 6/12/2007 14:04 | 79.251 | 2.427 | 56.005 | 0.004  |
| 6/12/2007 14:04 | 79.501 | 2.427 | 55.998 | 0.005  |
| 6/12/2007 14:04 | 79.751 | 2.424 | 55.997 | -0.002 |
| 6/12/2007 14:04 | 80.001 | 2.426 | 56.004 | 0.003  |
| 6/12/2007 14:04 | 80.251 | 2.427 | 55.999 | 0.005  |
| 6/12/2007 14:04 | 80.501 | 2.426 | 56.008 | 0.003  |
| 6/12/2007 14:04 | 80.751 | 2.425 | 55.995 | 0.001  |
| 6/12/2007 14:04 | 81.001 | 2.425 | 55.992 | 0.001  |
| 6/12/2007 14:04 | 81.251 | 2.426 | 55.995 | 0.002  |
| 6/12/2007 14:04 | 81.501 | 2.426 | 55.995 | 0.002  |
| 6/12/2007 14:04 | 81.751 | 2.425 | 55.991 | 0      |
| 6/12/2007 14:04 | 82.001 | 2.425 | 55.991 | 0.001  |
| 6/12/2007 14:04 | 82.251 | 2.427 | 55.993 | 0.004  |
| 6/12/2007 14:04 | 82.501 | 2.427 | 55.994 | 0.004  |
| 6/12/2007 14:04 | 82.751 | 2.428 | 55.994 | 0.007  |
| 6/12/2007 14:04 | 83.001 | 2.427 | 55.992 | 0.005  |
| 6/12/2007 14:04 | 83.251 | 2.427 | 55.991 | 0.004  |
| 6/12/2007 14:04 | 83.501 | 2.426 | 55.986 | 0.003  |
| 6/12/2007 14:04 | 83.751 | 2.427 | 55.988 | 0.005  |
| 6/12/2007 14:04 | 84.001 | 2.424 | 55.981 | -0.001 |
| 6/12/2007 14:04 | 84.251 | 2.427 | 55.984 | 0.005  |
| 6/12/2007 14:04 | 84.501 | 2.425 | 55.985 | 0      |
| 6/12/2007 14:04 | 84.751 | 2.428 | 55.984 | 0.008  |
| 6/12/2007 14:04 | 85.001 | 2.425 | 55.989 | 0.001  |
| 6/12/2007 14:04 | 85.251 | 2.426 | 55.98  | 0.004  |
| 6/12/2007 14:04 | 85.501 | 2.426 | 55.98  | 0.002  |
| 6/12/2007 14:04 | 85.751 | 2.426 | 55.982 | 0.003  |
| 6/12/2007 14:04 | 86.001 | 2.426 | 55.975 | 0.002  |
| 6/12/2007 14:04 | 86.251 | 2.424 | 55.978 | -0.001 |
| 6/12/2007 14:04 | 86.501 | 2.426 | 55.976 | 0.002  |
| 6/12/2007 14:04 | 86.751 | 2.426 | 55.975 | 0.004  |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 14:04 | 87.001 | 2.425 | 55.98  | 0     |
| 6/12/2007 14:04 | 87.251 | 2.425 | 55.969 | 0     |
| 6/12/2007 14:04 | 87.501 | 2.426 | 55.972 | 0.003 |
| 6/12/2007 14:04 | 87.751 | 2.425 | 55.97  | 0.001 |
| 6/12/2007 14:04 | 88.001 | 2.426 | 55.972 | 0.002 |
| 6/12/2007 14:04 | 88.251 | 2.425 | 55.968 | 0     |
| 6/12/2007 14:04 | 88.501 | 2.428 | 55.967 | 0.007 |
| 6/12/2007 14:04 | 88.751 | 2.425 | 55.967 | 0.001 |
| 6/12/2007 14:04 | 89.001 | 2.427 | 55.965 | 0.004 |
| 6/12/2007 14:04 | 89.251 | 2.426 | 55.965 | 0.003 |
| 6/12/2007 14:04 | 89.501 | 2.425 | 55.965 | 0     |
| 6/12/2007 14:04 | 89.751 | 2.426 | 55.965 | 0.002 |
| 6/12/2007 14:04 | 90.001 | 2.425 | 55.961 | 0     |
| 6/12/2007 14:04 | 90.251 | 2.426 | 55.961 | 0.003 |
| 6/12/2007 14:04 | 90.501 | 2.426 | 55.961 | 0.002 |
| 6/12/2007 14:04 | 90.751 | 2.426 | 55.963 | 0.003 |
| 6/12/2007 14:04 | 91.001 | 2.427 | 55.961 | 0.005 |
| 6/12/2007 14:04 | 91.251 | 2.425 | 55.956 | 0     |
| 6/12/2007 14:04 | 91.501 | 2.427 | 55.955 | 0.005 |
| 6/12/2007 14:04 | 91.751 | 2.426 | 55.955 | 0.003 |
| 6/12/2007 14:04 | 92.001 | 2.425 | 55.954 | 0.001 |
| 6/12/2007 14:04 | 92.251 | 2.426 | 55.952 | 0.003 |
| 6/12/2007 14:04 | 92.501 | 2.426 | 55.955 | 0.003 |
| 6/12/2007 14:04 | 92.751 | 2.427 | 55.955 | 0.005 |
| 6/12/2007 14:04 | 93.001 | 2.425 | 55.951 | 0     |
| 6/12/2007 14:04 | 93.251 | 2.426 | 55.948 | 0.002 |
| 6/12/2007 14:04 | 93.501 | 2.426 | 55.955 | 0.003 |
| 6/12/2007 14:04 | 93.751 | 2.425 | 55.949 | 0     |
| 6/12/2007 14:04 | 94.001 | 2.425 | 55.949 | 0     |
| 6/12/2007 14:04 | 94.251 | 2.426 | 55.948 | 0.003 |
| 6/12/2007 14:04 | 94.501 | 2.426 | 55.943 | 0.003 |
| 6/12/2007 14:04 | 94.751 | 2.426 | 55.943 | 0.002 |
| 6/12/2007 14:04 | 95.001 | 2.426 | 55.942 | 0.002 |
| 6/12/2007 14:04 | 95.251 | 2.426 | 55.94  | 0.002 |
| 6/12/2007 14:04 | 95.501 | 2.426 | 55.943 | 0.002 |
| 6/12/2007 14:04 | 95.751 | 2.425 | 55.942 | 0     |
| 6/12/2007 14:04 | 96.001 | 2.426 | 55.94  | 0.002 |
| 6/12/2007 14:04 | 96.251 | 2.426 | 55.935 | 0.002 |
| 6/12/2007 14:04 | 96.501 | 2.427 | 55.937 | 0.004 |
| 6/12/2007 14:04 | 96.751 | 2.425 | 55.94  | 0.001 |
| 6/12/2007 14:04 | 97.001 | 2.425 | 55.94  | 0     |
| 6/12/2007 14:04 | 97.251 | 2.425 | 55.936 | 0.001 |
| 6/12/2007 14:04 | 97.501 | 2.426 | 55.936 | 0.004 |
| 6/12/2007 14:04 | 97.751 | 2.436 | 55.931 | 0.026 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/12/2007 14:04 | 98.001  | 2.425 | 55.931 | 0      |
| 6/12/2007 14:04 | 98.251  | 2.425 | 55.927 | 0.001  |
| 6/12/2007 14:04 | 98.501  | 2.427 | 55.932 | 0.005  |
| 6/12/2007 14:04 | 98.751  | 2.427 | 55.927 | 0.004  |
| 6/12/2007 14:04 | 99.001  | 2.427 | 55.927 | 0.005  |
| 6/12/2007 14:04 | 99.251  | 2.426 | 55.93  | 0.002  |
| 6/12/2007 14:04 | 99.501  | 2.427 | 55.926 | 0.005  |
| 6/12/2007 14:04 | 99.751  | 2.428 | 55.928 | 0.007  |
| 6/12/2007 14:04 | 100.001 | 2.427 | 55.926 | 0.005  |
| 6/12/2007 14:04 | 100.251 | 2.426 | 55.92  | 0.002  |
| 6/12/2007 14:04 | 100.501 | 2.427 | 55.92  | 0.004  |
| 6/12/2007 14:04 | 100.751 | 2.426 | 55.923 | 0.002  |
| 6/12/2007 14:04 | 101.001 | 2.427 | 55.922 | 0.005  |
| 6/12/2007 14:04 | 101.251 | 2.426 | 55.92  | 0.004  |
| 6/12/2007 14:04 | 101.501 | 2.427 | 55.918 | 0.005  |
| 6/12/2007 14:04 | 101.751 | 2.427 | 55.914 | 0.006  |
| 6/12/2007 14:04 | 102.001 | 2.427 | 55.914 | 0.005  |
| 6/12/2007 14:04 | 102.251 | 2.426 | 55.914 | 0.002  |
| 6/12/2007 14:04 | 102.501 | 2.427 | 55.914 | 0.004  |
| 6/12/2007 14:04 | 102.751 | 2.425 | 55.918 | 0.001  |
| 6/12/2007 14:04 | 103.001 | 2.425 | 55.908 | 0      |
| 6/12/2007 14:04 | 103.251 | 2.425 | 55.917 | 0.001  |
| 6/12/2007 14:04 | 103.501 | 2.426 | 55.915 | 0.002  |
| 6/12/2007 14:04 | 103.751 | 2.425 | 55.909 | 0      |
| 6/12/2007 14:04 | 104.001 | 2.427 | 55.905 | 0.004  |
| 6/12/2007 14:04 | 104.251 | 2.424 | 55.908 | -0.001 |
| 6/12/2007 14:04 | 104.501 | 2.427 | 55.911 | 0.005  |
| 6/12/2007 14:04 | 104.751 | 2.425 | 55.905 | 0      |
| 6/12/2007 14:04 | 105.001 | 2.425 | 55.906 | 0.001  |
| 6/12/2007 14:04 | 105.251 | 2.424 | 55.903 | -0.001 |
| 6/12/2007 14:04 | 105.501 | 2.426 | 55.904 | 0.002  |
| 6/12/2007 14:04 | 105.751 | 2.426 | 55.903 | 0.002  |
| 6/12/2007 14:04 | 106.001 | 2.425 | 55.903 | 0.001  |
| 6/12/2007 14:04 | 106.251 | 2.427 | 55.9   | 0.005  |
| 6/12/2007 14:04 | 106.501 | 2.426 | 55.905 | 0.002  |
| 6/12/2007 14:04 | 106.751 | 2.425 | 55.897 | 0.001  |
| 6/12/2007 14:04 | 107.001 | 2.426 | 55.898 | 0.002  |
| 6/12/2007 14:04 | 107.251 | 2.425 | 55.896 | 0.001  |
| 6/12/2007 14:04 | 107.501 | 2.425 | 55.896 | 0.001  |
| 6/12/2007 14:04 | 107.751 | 2.425 | 55.896 | 0.001  |
| 6/12/2007 14:04 | 108.001 | 2.426 | 55.896 | 0.002  |
| 6/12/2007 14:04 | 108.251 | 2.426 | 55.892 | 0.002  |
| 6/12/2007 14:04 | 108.501 | 2.426 | 55.891 | 0.004  |
| 6/12/2007 14:04 | 108.751 | 2.425 | 55.886 | 0.001  |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/12/2007 14:04 | 109.001 | 2.426 | 55.893 | 0.002  |
| 6/12/2007 14:04 | 109.251 | 2.426 | 55.89  | 0.002  |
| 6/12/2007 14:04 | 109.501 | 2.425 | 55.886 | 0.001  |
| 6/12/2007 14:04 | 109.751 | 2.426 | 55.89  | 0.003  |
| 6/12/2007 14:04 | 110.001 | 2.426 | 55.885 | 0.002  |
| 6/12/2007 14:04 | 110.251 | 2.427 | 55.888 | 0.004  |
| 6/12/2007 14:04 | 110.501 | 2.426 | 55.891 | 0.002  |
| 6/12/2007 14:04 | 110.751 | 2.425 | 55.885 | 0.001  |
| 6/12/2007 14:04 | 111.001 | 2.427 | 55.882 | 0.004  |
| 6/12/2007 14:04 | 111.251 | 2.425 | 55.88  | 0.001  |
| 6/12/2007 14:04 | 111.501 | 2.426 | 55.879 | 0.002  |
| 6/12/2007 14:04 | 111.751 | 2.427 | 55.878 | 0.004  |
| 6/12/2007 14:04 | 112.001 | 2.426 | 55.877 | 0.003  |
| 6/12/2007 14:04 | 112.251 | 2.426 | 55.879 | 0.002  |
| 6/12/2007 14:04 | 112.501 | 2.426 | 55.873 | 0.003  |
| 6/12/2007 14:04 | 112.751 | 2.426 | 55.879 | 0.004  |
| 6/12/2007 14:04 | 113.001 | 2.426 | 55.877 | 0.003  |
| 6/12/2007 14:04 | 113.251 | 2.425 | 55.873 | 0      |
| 6/12/2007 14:04 | 113.501 | 2.426 | 55.872 | 0.003  |
| 6/12/2007 14:04 | 113.751 | 2.426 | 55.868 | 0.003  |
| 6/12/2007 14:04 | 114.001 | 2.427 | 55.867 | 0.004  |
| 6/12/2007 14:04 | 114.251 | 2.426 | 55.873 | 0.003  |
| 6/12/2007 14:04 | 114.501 | 2.426 | 55.873 | 0.002  |
| 6/12/2007 14:04 | 114.751 | 2.426 | 55.873 | 0.002  |
| 6/12/2007 14:04 | 115.001 | 2.426 | 55.868 | 0.004  |
| 6/12/2007 14:04 | 115.251 | 2.427 | 55.862 | 0.005  |
| 6/12/2007 14:04 | 115.501 | 2.425 | 55.865 | 0      |
| 6/12/2007 14:04 | 115.751 | 2.426 | 55.867 | 0.003  |
| 6/12/2007 14:04 | 116.001 | 2.426 | 55.867 | 0.002  |
| 6/12/2007 14:04 | 116.251 | 2.427 | 55.865 | 0.004  |
| 6/12/2007 14:04 | 116.501 | 2.426 | 55.858 | 0.002  |
| 6/12/2007 14:05 | 116.751 | 2.425 | 55.867 | -0.001 |
| 6/12/2007 14:05 | 117.001 | 2.425 | 55.86  | 0      |
| 6/12/2007 14:05 | 117.251 | 2.427 | 55.859 | 0.004  |
| 6/12/2007 14:05 | 117.501 | 2.426 | 55.859 | 0.003  |
| 6/12/2007 14:05 | 117.751 | 2.425 | 55.86  | 0.001  |
| 6/12/2007 14:05 | 118.001 | 2.426 | 55.855 | 0.004  |
| 6/12/2007 14:05 | 118.251 | 2.425 | 55.855 | 0.001  |
| 6/12/2007 14:05 | 118.501 | 2.427 | 55.852 | 0.004  |
| 6/12/2007 14:05 | 118.751 | 2.425 | 55.855 | 0.001  |
| 6/12/2007 14:05 | 119.001 | 2.425 | 55.854 | -0.001 |
| 6/12/2007 14:05 | 119.251 | 2.424 | 55.848 | -0.002 |
| 6/12/2007 14:05 | 119.501 | 2.425 | 55.849 | 0      |
| 6/12/2007 14:05 | 119.751 | 2.426 | 55.853 | 0.003  |

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|                 |          |       |        |       |
|-----------------|----------|-------|--------|-------|
| 6/12/2007 14:05 | 120.001  | 2.426 | 55.852 | 0.002 |
| 6/12/2007 14:06 | 180.001  | 2.428 | 55.271 | 0.008 |
| 6/12/2007 14:07 | 240.001  | 2.426 | 55.019 | 0.003 |
| 6/12/2007 14:08 | 300.001  | 2.427 | 54.835 | 0.005 |
| 6/12/2007 14:09 | 360.001  | 2.428 | 54.699 | 0.007 |
| 6/12/2007 14:10 | 420.001  | 2.427 | 54.587 | 0.004 |
| 6/12/2007 14:11 | 480.001  | 2.427 | 54.492 | 0.006 |
| 6/12/2007 14:12 | 540.001  | 2.428 | 54.411 | 0.006 |
| 6/12/2007 14:13 | 600.001  | 2.427 | 54.343 | 0.005 |
| 6/12/2007 14:14 | 660.137  | 2.428 | 54.334 | 0.008 |
| 6/12/2007 14:15 | 720.001  | 2.428 | 54.387 | 0.007 |
| 6/12/2007 14:16 | 780.001  | 2.428 | 54.393 | 0.008 |
| 6/12/2007 14:17 | 840.171  | 2.428 | 54.372 | 0.007 |
| 6/12/2007 14:18 | 900.128  | 2.427 | 54.374 | 0.006 |
| 6/12/2007 14:19 | 960.141  | 2.427 | 54.299 | 0.005 |
| 6/12/2007 14:20 | 1020.001 | 2.429 | 54.284 | 0.009 |
| 6/12/2007 14:21 | 1080.001 | 2.428 | 54.261 | 0.008 |
| 6/12/2007 14:22 | 1140.001 | 2.431 | 54.131 | 0.013 |
| 6/12/2007 14:23 | 1200.001 | 2.43  | 54.032 | 0.011 |
| 6/12/2007 14:24 | 1260.001 | 2.429 | 53.972 | 0.009 |
| 6/12/2007 14:25 | 1320.001 | 2.43  | 53.931 | 0.011 |

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## Raw Test Data for MW-395 S Rising Head

Report Date: 6/26/2007 11:13  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name mw391s slug 2007-06-13 13.50.51.wsl  
Create Date 6/13/2007 12:50

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw391s slug       |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/13/2007 9:47    |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 5.1306 (PSI)      |
| Temperature                   | 56.6223 (F)       |
| Depth of Probe                | 11.8449 (ft)      |

Log Notes:  
Date and Time 6/13/2007 9:47 Note  
6/13/2007 9:47 User Note: "Level reference initialized to: 0"  
6/13/2007 9:47 Manual Start Command

Log Data:  
Record Count 501

| Date and Time  | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/13/2007 9:47 | 0                       | 5.138                           | 56.574                          | 0.017                           |
| 6/13/2007 9:47 | 0.251                   | 5.137                           | 56.615                          | 0.015                           |
| 6/13/2007 9:47 | 0.501                   | 5.135                           | 56.638                          | 0.011                           |
| 6/13/2007 9:47 | 0.751                   | 5.139                           | 56.656                          | 0.019                           |
| 6/13/2007 9:47 | 1.367                   | 5.139                           | 56.79                           | 0.019                           |
| 6/13/2007 9:47 | 1.572                   | 5.137                           | 56.78                           | 0.015                           |
| 6/13/2007 9:47 | 1.777                   | 5.136                           | 56.776                          | 0.013                           |
| 6/13/2007 9:47 | 1.981                   | 5.139                           | 56.779                          | 0.018                           |
| 6/13/2007 9:47 | 2.635                   | 5.138                           | 56.863                          | 0.018                           |
| 6/13/2007 9:47 | 2.84                    | 5.137                           | 56.852                          | 0.015                           |
| 6/13/2007 9:47 | 3.045                   | 5.138                           | 56.841                          | 0.016                           |
| 6/13/2007 9:47 | 3.248                   | 5.136                           | 56.831                          | 0.012                           |
| 6/13/2007 9:47 | 3.682                   | 5.137                           | 56.877                          | 0.015                           |
| 6/13/2007 9:47 | 3.887                   | 5.139                           | 56.862                          | 0.02                            |
| 6/13/2007 9:47 | 4.091                   | 5.137                           | 56.857                          | 0.014                           |
| 6/13/2007 9:47 | 4.299                   | 5.134                           | 56.846                          | 0.009                           |
| 6/13/2007 9:47 | 4.503                   | 5.134                           | 56.84                           | 0.007                           |
| 6/13/2007 9:47 | 4.708                   | 5.137                           | 56.849                          | 0.015                           |
| 6/13/2007 9:47 | 4.912                   | 5.135                           | 56.843                          | 0.009                           |
| 6/13/2007 9:47 | 5.116                   | 5.135                           | 56.842                          | 0.011                           |
| 6/13/2007 9:47 | 5.32                    | 5.137                           | 56.84                           | 0.014                           |
| 6/13/2007 9:47 | 5.524                   | 5.135                           | 56.838                          | 0.01                            |
| 6/13/2007 9:47 | 5.727                   | 5.136                           | 56.837                          | 0.012                           |
| 6/13/2007 9:47 | 5.931                   | 5.135                           | 56.844                          | 0.009                           |
| 6/13/2007 9:47 | 6.135                   | 5.136                           | 56.834                          | 0.012                           |
| 6/13/2007 9:47 | 6.338                   | 5.135                           | 56.834                          | 0.01                            |
| 6/13/2007 9:47 | 6.542                   | 5.136                           | 56.834                          | 0.012                           |
| 6/13/2007 9:47 | 6.747                   | 5.134                           | 56.837                          | 0.008                           |
| 6/13/2007 9:47 | 7.001                   | 5.135                           | 56.826                          | 0.011                           |
| 6/13/2007 9:47 | 7.251                   | 5.136                           | 56.822                          | 0.012                           |
| 6/13/2007 9:47 | 7.501                   | 5.136                           | 56.822                          | 0.012                           |
| 6/13/2007 9:47 | 7.751                   | 5.135                           | 56.821                          | 0.01                            |
| 6/13/2007 9:47 | 8.001                   | 5.136                           | 56.817                          | 0.012                           |
| 6/13/2007 9:47 | 8.251                   | 5.134                           | 56.813                          | 0.007                           |
| 6/13/2007 9:47 | 8.501                   | 5.135                           | 56.815                          | 0.011                           |
| 6/13/2007 9:47 | 8.751                   | 5.135                           | 56.816                          | 0.01                            |
| 6/13/2007 9:47 | 9.001                   | 5.135                           | 56.809                          | 0.011                           |
| 6/13/2007 9:47 | 9.251                   | 5.135                           | 56.816                          | 0.009                           |
| 6/13/2007 9:47 | 9.501                   | 5.134                           | 56.817                          | 0.008                           |
| 6/13/2007 9:47 | 9.751                   | 5.135                           | 56.816                          | 0.01                            |

|                |        |       |        |       |
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| 6/13/2007 9:47 | 10.001 | 5.135 | 56.816 | 0.01  |
| 6/13/2007 9:47 | 10.251 | 5.135 | 56.816 | 0.01  |
| 6/13/2007 9:47 | 10.501 | 5.136 | 56.813 | 0.012 |
| 6/13/2007 9:47 | 10.751 | 5.134 | 56.814 | 0.007 |
| 6/13/2007 9:47 | 11.001 | 5.136 | 56.82  | 0.011 |
| 6/13/2007 9:47 | 11.251 | 5.134 | 56.816 | 0.007 |
| 6/13/2007 9:47 | 11.501 | 5.135 | 56.816 | 0.009 |
| 6/13/2007 9:47 | 11.751 | 5.134 | 56.821 | 0.008 |
| 6/13/2007 9:47 | 12.001 | 5.133 | 56.817 | 0.006 |
| 6/13/2007 9:47 | 12.251 | 5.134 | 56.819 | 0.007 |
| 6/13/2007 9:47 | 12.501 | 5.136 | 56.825 | 0.012 |
| 6/13/2007 9:47 | 12.751 | 5.137 | 56.822 | 0.014 |
| 6/13/2007 9:47 | 13.001 | 5.136 | 56.818 | 0.011 |
| 6/13/2007 9:47 | 13.251 | 5.134 | 56.823 | 0.009 |
| 6/13/2007 9:47 | 13.501 | 5.136 | 56.823 | 0.011 |
| 6/13/2007 9:47 | 13.751 | 5.135 | 56.825 | 0.01  |
| 6/13/2007 9:47 | 14.001 | 5.135 | 56.829 | 0.01  |
| 6/13/2007 9:47 | 14.251 | 5.136 | 56.823 | 0.012 |
| 6/13/2007 9:47 | 14.501 | 5.135 | 56.828 | 0.01  |
| 6/13/2007 9:47 | 14.751 | 5.145 | 56.833 | 0.032 |
| 6/13/2007 9:47 | 15.001 | 5.135 | 56.828 | 0.011 |
| 6/13/2007 9:47 | 15.251 | 5.136 | 56.831 | 0.014 |
| 6/13/2007 9:47 | 15.501 | 5.134 | 56.828 | 0.009 |
| 6/13/2007 9:47 | 15.751 | 5.136 | 56.831 | 0.011 |
| 6/13/2007 9:47 | 16.001 | 5.135 | 56.83  | 0.009 |
| 6/13/2007 9:47 | 16.251 | 5.136 | 56.834 | 0.012 |
| 6/13/2007 9:47 | 16.501 | 5.134 | 56.836 | 0.009 |
| 6/13/2007 9:47 | 16.751 | 5.135 | 56.834 | 0.01  |
| 6/13/2007 9:47 | 17.001 | 5.135 | 56.837 | 0.009 |
| 6/13/2007 9:47 | 17.251 | 5.135 | 56.84  | 0.009 |
| 6/13/2007 9:47 | 17.501 | 5.135 | 56.834 | 0.01  |
| 6/13/2007 9:47 | 17.751 | 5.134 | 56.84  | 0.009 |
| 6/13/2007 9:48 | 18.001 | 5.137 | 56.837 | 0.016 |
| 6/13/2007 9:48 | 18.251 | 5.135 | 56.838 | 0.01  |
| 6/13/2007 9:48 | 18.501 | 5.136 | 56.844 | 0.012 |
| 6/13/2007 9:48 | 18.751 | 5.135 | 56.846 | 0.011 |
| 6/13/2007 9:48 | 19.001 | 5.134 | 56.843 | 0.008 |
| 6/13/2007 9:48 | 19.251 | 5.136 | 56.846 | 0.013 |
| 6/13/2007 9:48 | 19.501 | 5.136 | 56.846 | 0.013 |
| 6/13/2007 9:48 | 19.751 | 5.136 | 56.85  | 0.013 |
| 6/13/2007 9:48 | 20.001 | 5.136 | 56.846 | 0.012 |
| 6/13/2007 9:48 | 20.251 | 5.136 | 56.85  | 0.012 |
| 6/13/2007 9:48 | 20.501 | 5.136 | 56.848 | 0.012 |
| 6/13/2007 9:48 | 20.751 | 5.135 | 56.85  | 0.01  |

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| 6/13/2007 9:48 | 21.001 | 5.135 | 56.851 | 0.01  |
| 6/13/2007 9:48 | 21.251 | 5.134 | 56.852 | 0.008 |
| 6/13/2007 9:48 | 21.501 | 5.136 | 56.85  | 0.011 |
| 6/13/2007 9:48 | 21.751 | 5.136 | 56.853 | 0.013 |
| 6/13/2007 9:48 | 22.001 | 5.135 | 56.857 | 0.01  |
| 6/13/2007 9:48 | 22.251 | 5.134 | 56.857 | 0.008 |
| 6/13/2007 9:48 | 22.501 | 5.134 | 56.861 | 0.007 |
| 6/13/2007 9:48 | 22.751 | 5.134 | 56.854 | 0.008 |
| 6/13/2007 9:48 | 23.001 | 5.135 | 56.857 | 0.01  |
| 6/13/2007 9:48 | 23.251 | 5.135 | 56.861 | 0.011 |
| 6/13/2007 9:48 | 23.501 | 5.136 | 56.858 | 0.012 |
| 6/13/2007 9:48 | 23.751 | 5.133 | 56.86  | 0.007 |
| 6/13/2007 9:48 | 24.001 | 5.137 | 56.858 | 0.014 |
| 6/13/2007 9:48 | 24.251 | 5.136 | 56.859 | 0.011 |
| 6/13/2007 9:48 | 24.501 | 5.137 | 56.863 | 0.014 |
| 6/13/2007 9:48 | 24.751 | 5.136 | 56.868 | 0.011 |
| 6/13/2007 9:48 | 25.001 | 5.137 | 56.867 | 0.014 |
| 6/13/2007 9:48 | 25.251 | 5.136 | 56.862 | 0.013 |
| 6/13/2007 9:48 | 25.501 | 5.136 | 56.867 | 0.011 |
| 6/13/2007 9:48 | 25.751 | 5.136 | 56.868 | 0.013 |
| 6/13/2007 9:48 | 26.001 | 5.137 | 56.868 | 0.014 |
| 6/13/2007 9:48 | 26.251 | 5.136 | 56.868 | 0.013 |
| 6/13/2007 9:48 | 26.501 | 5.138 | 56.871 | 0.016 |
| 6/13/2007 9:48 | 26.751 | 5.153 | 56.868 | 0.053 |
| 6/13/2007 9:48 | 27.001 | 5.141 | 56.875 | 0.024 |
| 6/13/2007 9:48 | 27.251 | 5.144 | 56.876 | 0.032 |
| 6/13/2007 9:48 | 27.501 | 5.142 | 56.877 | 0.027 |
| 6/13/2007 9:48 | 27.751 | 5.147 | 56.881 | 0.037 |
| 6/13/2007 9:48 | 28.001 | 5.134 | 56.875 | 0.008 |
| 6/13/2007 9:48 | 28.251 | 5.141 | 56.878 | 0.023 |
| 6/13/2007 9:48 | 28.501 | 5.139 | 56.879 | 0.02  |
| 6/13/2007 9:48 | 28.751 | 5.139 | 56.883 | 0.019 |
| 6/13/2007 9:48 | 29.001 | 5.141 | 56.878 | 0.025 |
| 6/13/2007 9:48 | 29.251 | 5.14  | 56.881 | 0.022 |
| 6/13/2007 9:48 | 29.501 | 5.138 | 56.877 | 0.017 |
| 6/13/2007 9:48 | 29.751 | 5.139 | 56.879 | 0.018 |
| 6/13/2007 9:48 | 30.001 | 5.137 | 56.88  | 0.016 |
| 6/13/2007 9:48 | 30.251 | 5.137 | 56.881 | 0.015 |
| 6/13/2007 9:48 | 30.501 | 5.139 | 56.878 | 0.018 |
| 6/13/2007 9:48 | 30.751 | 5.137 | 56.878 | 0.015 |
| 6/13/2007 9:48 | 31.001 | 5.139 | 56.886 | 0.018 |
| 6/13/2007 9:48 | 31.251 | 5.139 | 56.887 | 0.019 |
| 6/13/2007 9:48 | 31.501 | 5.139 | 56.883 | 0.02  |
| 6/13/2007 9:48 | 31.751 | 5.14  | 56.887 | 0.021 |

|                |        |       |        |        |
|----------------|--------|-------|--------|--------|
| 6/13/2007 9:48 | 32.001 | 5.14  | 56.884 | 0.022  |
| 6/13/2007 9:48 | 32.251 | 5.139 | 56.881 | 0.019  |
| 6/13/2007 9:48 | 32.501 | 5.139 | 56.889 | 0.02   |
| 6/13/2007 9:48 | 32.751 | 5.139 | 56.886 | 0.02   |
| 6/13/2007 9:48 | 33.001 | 5.14  | 56.885 | 0.021  |
| 6/13/2007 9:48 | 33.251 | 5.14  | 56.89  | 0.023  |
| 6/13/2007 9:48 | 33.501 | 5.139 | 56.891 | 0.019  |
| 6/13/2007 9:48 | 33.751 | 5.14  | 56.892 | 0.022  |
| 6/13/2007 9:48 | 34.001 | 5.139 | 56.892 | 0.02   |
| 6/13/2007 9:48 | 34.251 | 5.14  | 56.895 | 0.023  |
| 6/13/2007 9:48 | 34.501 | 5.087 | 56.89  | -0.101 |
| 6/13/2007 9:48 | 34.751 | 5.139 | 56.893 | 0.019  |
| 6/13/2007 9:48 | 35.001 | 5.143 | 56.897 | 0.028  |
| 6/13/2007 9:48 | 35.251 | 5.146 | 56.898 | 0.035  |
| 6/13/2007 9:48 | 35.501 | 5.149 | 56.896 | 0.043  |
| 6/13/2007 9:48 | 35.751 | 5.153 | 56.893 | 0.053  |
| 6/13/2007 9:48 | 36.001 | 5.159 | 56.897 | 0.066  |
| 6/13/2007 9:48 | 36.251 | 5.162 | 56.901 | 0.073  |
| 6/13/2007 9:48 | 36.501 | 5.169 | 56.896 | 0.089  |
| 6/13/2007 9:48 | 36.751 | 5.183 | 56.896 | 0.12   |
| 6/13/2007 9:48 | 37.001 | 5.164 | 56.896 | 0.076  |
| 6/13/2007 9:48 | 37.251 | 5.158 | 56.901 | 0.064  |
| 6/13/2007 9:48 | 37.501 | 5.193 | 56.902 | 0.143  |
| 6/13/2007 9:48 | 37.751 | 5.151 | 56.901 | 0.047  |
| 6/13/2007 9:48 | 38.001 | 5.145 | 56.901 | 0.033  |
| 6/13/2007 9:48 | 38.251 | 5.195 | 56.9   | 0.148  |
| 6/13/2007 9:48 | 38.501 | 5.165 | 56.908 | 0.079  |
| 6/13/2007 9:48 | 38.751 | 5.135 | 56.901 | 0.009  |
| 6/13/2007 9:48 | 39.001 | 5.115 | 56.901 | -0.036 |
| 6/13/2007 9:48 | 39.251 | 5.136 | 56.922 | 0.011  |
| 6/13/2007 9:48 | 39.501 | 5.13  | 56.919 | -0.001 |
| 6/13/2007 9:48 | 39.751 | 5.18  | 56.914 | 0.113  |
| 6/13/2007 9:48 | 40.001 | 5.225 | 56.911 | 0.217  |
| 6/13/2007 9:48 | 40.251 | 5.199 | 56.91  | 0.157  |
| 6/13/2007 9:48 | 40.501 | 5.081 | 56.913 | -0.114 |
| 6/13/2007 9:48 | 40.751 | 5.125 | 56.913 | -0.014 |
| 6/13/2007 9:48 | 41.001 | 5.178 | 56.911 | 0.109  |
| 6/13/2007 9:48 | 41.251 | 5.174 | 56.911 | 0.101  |
| 6/13/2007 9:48 | 41.501 | 5.178 | 56.911 | 0.109  |
| 6/13/2007 9:48 | 41.751 | 5.142 | 56.913 | 0.026  |
| 6/13/2007 9:48 | 42.001 | 5.07  | 56.913 | -0.139 |
| 6/13/2007 9:48 | 42.251 | 5.151 | 56.911 | 0.047  |
| 6/13/2007 9:48 | 42.501 | 5.141 | 56.916 | 0.024  |
| 6/13/2007 9:48 | 42.751 | 5.153 | 56.916 | 0.052  |

|                |        |       |        |        |
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| 6/13/2007 9:48 | 43.001 | 5.191 | 56.914 | 0.139  |
| 6/13/2007 9:48 | 43.251 | 5.181 | 56.917 | 0.115  |
| 6/13/2007 9:48 | 43.501 | 4.804 | 56.923 | -0.753 |
| 6/13/2007 9:48 | 43.751 | 5.156 | 56.917 | 0.058  |
| 6/13/2007 9:48 | 44.001 | 5.223 | 56.917 | 0.213  |
| 6/13/2007 9:48 | 44.251 | 5.172 | 56.92  | 0.096  |
| 6/13/2007 9:48 | 44.501 | 5.145 | 56.919 | 0.033  |
| 6/13/2007 9:48 | 44.751 | 5.14  | 56.923 | 0.022  |
| 6/13/2007 9:48 | 45.001 | 5.141 | 56.918 | 0.024  |
| 6/13/2007 9:48 | 45.251 | 5.142 | 56.921 | 0.027  |
| 6/13/2007 9:48 | 45.501 | 5.141 | 56.924 | 0.025  |
| 6/13/2007 9:48 | 45.751 | 5.14  | 56.923 | 0.022  |
| 6/13/2007 9:48 | 46.001 | 5.139 | 56.916 | 0.02   |
| 6/13/2007 9:48 | 46.251 | 5.139 | 56.924 | 0.02   |
| 6/13/2007 9:48 | 46.501 | 5.138 | 56.921 | 0.018  |
| 6/13/2007 9:48 | 46.751 | 5.138 | 56.924 | 0.018  |
| 6/13/2007 9:48 | 47.001 | 5.139 | 56.924 | 0.02   |
| 6/13/2007 9:48 | 47.251 | 5.139 | 56.927 | 0.018  |
| 6/13/2007 9:48 | 47.501 | 5.139 | 56.923 | 0.02   |
| 6/13/2007 9:48 | 47.751 | 5.139 | 56.925 | 0.02   |
| 6/13/2007 9:48 | 48.001 | 5.138 | 56.925 | 0.018  |
| 6/13/2007 9:48 | 48.251 | 5.138 | 56.928 | 0.018  |
| 6/13/2007 9:48 | 48.501 | 5.14  | 56.935 | 0.021  |
| 6/13/2007 9:48 | 48.751 | 5.139 | 56.931 | 0.019  |
| 6/13/2007 9:48 | 49.001 | 5.138 | 56.927 | 0.018  |
| 6/13/2007 9:48 | 49.251 | 5.138 | 56.928 | 0.016  |
| 6/13/2007 9:48 | 49.501 | 5.14  | 56.931 | 0.021  |
| 6/13/2007 9:48 | 49.751 | 5.139 | 56.932 | 0.019  |
| 6/13/2007 9:48 | 50.001 | 5.138 | 56.929 | 0.016  |
| 6/13/2007 9:48 | 50.251 | 5.139 | 56.931 | 0.02   |
| 6/13/2007 9:48 | 50.501 | 5.139 | 56.935 | 0.02   |
| 6/13/2007 9:48 | 50.751 | 5.139 | 56.93  | 0.02   |
| 6/13/2007 9:48 | 51.001 | 5.138 | 56.929 | 0.017  |
| 6/13/2007 9:48 | 51.251 | 5.139 | 56.931 | 0.02   |
| 6/13/2007 9:48 | 51.501 | 5.141 | 56.959 | 0.023  |
| 6/13/2007 9:48 | 51.751 | 5.139 | 56.951 | 0.019  |
| 6/13/2007 9:48 | 52.001 | 5.138 | 56.953 | 0.017  |
| 6/13/2007 9:48 | 52.251 | 5.137 | 56.941 | 0.016  |
| 6/13/2007 9:48 | 52.501 | 5.14  | 56.941 | 0.022  |
| 6/13/2007 9:48 | 52.751 | 5.139 | 56.94  | 0.019  |
| 6/13/2007 9:48 | 53.001 | 5.139 | 56.939 | 0.02   |
| 6/13/2007 9:48 | 53.251 | 5.138 | 56.942 | 0.018  |
| 6/13/2007 9:48 | 53.501 | 5.138 | 56.941 | 0.018  |
| 6/13/2007 9:48 | 53.751 | 5.139 | 56.941 | 0.019  |

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| 6/13/2007 9:48 | 54.001 | 5.138 | 56.944 | 0.017 |
| 6/13/2007 9:48 | 54.251 | 5.14  | 56.942 | 0.022 |
| 6/13/2007 9:48 | 54.501 | 5.138 | 56.945 | 0.017 |
| 6/13/2007 9:48 | 54.751 | 5.138 | 56.938 | 0.018 |
| 6/13/2007 9:48 | 55.001 | 5.139 | 56.943 | 0.019 |
| 6/13/2007 9:48 | 55.251 | 5.138 | 56.947 | 0.016 |
| 6/13/2007 9:48 | 55.501 | 5.139 | 56.944 | 0.02  |
| 6/13/2007 9:48 | 55.751 | 5.138 | 56.945 | 0.018 |
| 6/13/2007 9:48 | 56.001 | 5.139 | 56.944 | 0.02  |
| 6/13/2007 9:48 | 56.251 | 5.139 | 56.944 | 0.02  |
| 6/13/2007 9:48 | 56.501 | 5.138 | 56.944 | 0.017 |
| 6/13/2007 9:48 | 56.751 | 5.138 | 56.95  | 0.016 |
| 6/13/2007 9:48 | 57.001 | 5.136 | 56.945 | 0.013 |
| 6/13/2007 9:48 | 57.251 | 5.138 | 56.945 | 0.016 |
| 6/13/2007 9:48 | 57.501 | 5.139 | 56.949 | 0.02  |
| 6/13/2007 9:48 | 57.751 | 5.137 | 56.948 | 0.016 |
| 6/13/2007 9:48 | 58.001 | 5.138 | 56.947 | 0.017 |
| 6/13/2007 9:48 | 58.251 | 5.138 | 56.951 | 0.017 |
| 6/13/2007 9:48 | 58.501 | 5.137 | 56.953 | 0.016 |
| 6/13/2007 9:48 | 58.751 | 5.139 | 56.954 | 0.019 |
| 6/13/2007 9:48 | 59.001 | 5.139 | 56.953 | 0.02  |
| 6/13/2007 9:48 | 59.251 | 5.137 | 56.952 | 0.016 |
| 6/13/2007 9:48 | 59.501 | 5.139 | 56.957 | 0.019 |
| 6/13/2007 9:48 | 59.751 | 5.139 | 56.952 | 0.019 |
| 6/13/2007 9:48 | 60.001 | 5.139 | 56.95  | 0.019 |
| 6/13/2007 9:48 | 60.251 | 5.137 | 56.952 | 0.016 |
| 6/13/2007 9:48 | 60.501 | 5.137 | 56.956 | 0.015 |
| 6/13/2007 9:48 | 60.751 | 5.138 | 56.959 | 0.017 |
| 6/13/2007 9:48 | 61.001 | 5.139 | 56.954 | 0.019 |
| 6/13/2007 9:48 | 61.251 | 5.139 | 56.96  | 0.019 |
| 6/13/2007 9:48 | 61.501 | 5.138 | 56.953 | 0.017 |
| 6/13/2007 9:48 | 61.751 | 5.138 | 56.958 | 0.018 |
| 6/13/2007 9:48 | 62.001 | 5.137 | 56.959 | 0.015 |
| 6/13/2007 9:48 | 62.251 | 5.137 | 56.955 | 0.015 |
| 6/13/2007 9:48 | 62.501 | 5.138 | 56.958 | 0.018 |
| 6/13/2007 9:48 | 62.751 | 5.139 | 56.958 | 0.019 |
| 6/13/2007 9:48 | 63.001 | 5.14  | 56.959 | 0.021 |
| 6/13/2007 9:48 | 63.251 | 5.138 | 56.965 | 0.017 |
| 6/13/2007 9:48 | 63.501 | 5.14  | 56.965 | 0.021 |
| 6/13/2007 9:48 | 63.751 | 5.14  | 56.962 | 0.022 |
| 6/13/2007 9:48 | 64.001 | 5.139 | 56.957 | 0.02  |
| 6/13/2007 9:48 | 64.251 | 5.138 | 56.963 | 0.016 |
| 6/13/2007 9:48 | 64.501 | 5.138 | 56.961 | 0.018 |
| 6/13/2007 9:48 | 64.751 | 5.139 | 56.959 | 0.019 |

|                |        |       |        |       |
|----------------|--------|-------|--------|-------|
| 6/13/2007 9:48 | 65.001 | 5.138 | 56.965 | 0.018 |
| 6/13/2007 9:48 | 65.251 | 5.139 | 56.959 | 0.019 |
| 6/13/2007 9:48 | 65.501 | 5.138 | 56.962 | 0.017 |
| 6/13/2007 9:48 | 65.751 | 5.138 | 56.96  | 0.016 |
| 6/13/2007 9:48 | 66.001 | 5.137 | 56.962 | 0.016 |
| 6/13/2007 9:48 | 66.251 | 5.139 | 56.963 | 0.02  |
| 6/13/2007 9:48 | 66.501 | 5.138 | 56.963 | 0.018 |
| 6/13/2007 9:48 | 66.751 | 5.139 | 56.966 | 0.019 |
| 6/13/2007 9:48 | 67.001 | 5.138 | 56.966 | 0.018 |
| 6/13/2007 9:48 | 67.251 | 5.138 | 56.965 | 0.017 |
| 6/13/2007 9:48 | 67.501 | 5.139 | 56.964 | 0.02  |
| 6/13/2007 9:48 | 67.751 | 5.139 | 56.969 | 0.019 |
| 6/13/2007 9:48 | 68.001 | 5.138 | 56.965 | 0.018 |
| 6/13/2007 9:48 | 68.251 | 5.139 | 56.97  | 0.019 |
| 6/13/2007 9:48 | 68.501 | 5.138 | 56.969 | 0.017 |
| 6/13/2007 9:48 | 68.751 | 5.138 | 56.966 | 0.017 |
| 6/13/2007 9:48 | 69.001 | 5.139 | 56.969 | 0.02  |
| 6/13/2007 9:48 | 69.251 | 5.139 | 56.968 | 0.019 |
| 6/13/2007 9:48 | 69.501 | 5.14  | 56.97  | 0.021 |
| 6/13/2007 9:48 | 69.751 | 5.14  | 56.973 | 0.021 |
| 6/13/2007 9:48 | 70.001 | 5.14  | 56.976 | 0.021 |
| 6/13/2007 9:48 | 70.251 | 5.139 | 56.973 | 0.019 |
| 6/13/2007 9:48 | 70.501 | 5.139 | 56.972 | 0.02  |
| 6/13/2007 9:48 | 70.751 | 5.139 | 56.97  | 0.019 |
| 6/13/2007 9:48 | 71.001 | 5.14  | 56.971 | 0.021 |
| 6/13/2007 9:48 | 71.251 | 5.139 | 56.976 | 0.019 |
| 6/13/2007 9:48 | 71.501 | 5.139 | 56.974 | 0.02  |
| 6/13/2007 9:48 | 71.751 | 5.139 | 56.977 | 0.018 |
| 6/13/2007 9:48 | 72.001 | 5.14  | 56.974 | 0.021 |
| 6/13/2007 9:48 | 72.251 | 5.138 | 56.977 | 0.018 |
| 6/13/2007 9:48 | 72.501 | 5.139 | 56.973 | 0.019 |
| 6/13/2007 9:48 | 72.751 | 5.138 | 56.974 | 0.017 |
| 6/13/2007 9:48 | 73.001 | 5.138 | 56.98  | 0.017 |
| 6/13/2007 9:48 | 73.251 | 5.138 | 56.973 | 0.018 |
| 6/13/2007 9:48 | 73.501 | 5.139 | 56.978 | 0.02  |
| 6/13/2007 9:48 | 73.751 | 5.139 | 56.981 | 0.02  |
| 6/13/2007 9:48 | 74.001 | 5.139 | 56.98  | 0.019 |
| 6/13/2007 9:48 | 74.251 | 5.139 | 56.982 | 0.018 |
| 6/13/2007 9:48 | 74.501 | 5.14  | 56.976 | 0.021 |
| 6/13/2007 9:48 | 74.751 | 5.138 | 56.979 | 0.018 |
| 6/13/2007 9:48 | 75.001 | 5.138 | 56.98  | 0.017 |
| 6/13/2007 9:48 | 75.251 | 5.139 | 56.978 | 0.019 |
| 6/13/2007 9:48 | 75.501 | 5.139 | 56.982 | 0.02  |
| 6/13/2007 9:48 | 75.751 | 5.14  | 56.984 | 0.021 |

|                |        |       |        |       |
|----------------|--------|-------|--------|-------|
| 6/13/2007 9:48 | 76.001 | 5.141 | 56.978 | 0.025 |
| 6/13/2007 9:48 | 76.251 | 5.138 | 56.982 | 0.017 |
| 6/13/2007 9:48 | 76.519 | 5.138 | 56.978 | 0.017 |
| 6/13/2007 9:48 | 76.751 | 5.138 | 56.985 | 0.018 |
| 6/13/2007 9:48 | 77.001 | 5.138 | 56.986 | 0.017 |
| 6/13/2007 9:48 | 77.251 | 5.137 | 56.986 | 0.015 |
| 6/13/2007 9:48 | 77.501 | 5.139 | 56.983 | 0.02  |
| 6/13/2007 9:48 | 77.751 | 5.139 | 56.986 | 0.019 |
| 6/13/2007 9:49 | 78.001 | 5.138 | 56.981 | 0.018 |
| 6/13/2007 9:49 | 78.251 | 5.139 | 56.986 | 0.02  |
| 6/13/2007 9:49 | 78.501 | 5.14  | 56.984 | 0.023 |
| 6/13/2007 9:49 | 78.751 | 5.139 | 56.983 | 0.02  |
| 6/13/2007 9:49 | 79.001 | 5.139 | 56.985 | 0.02  |
| 6/13/2007 9:49 | 79.251 | 5.139 | 56.985 | 0.019 |
| 6/13/2007 9:49 | 79.501 | 5.139 | 56.987 | 0.019 |
| 6/13/2007 9:49 | 79.751 | 5.139 | 56.987 | 0.019 |
| 6/13/2007 9:49 | 80.001 | 5.138 | 56.99  | 0.018 |
| 6/13/2007 9:49 | 80.251 | 5.138 | 56.988 | 0.018 |
| 6/13/2007 9:49 | 80.501 | 5.139 | 56.989 | 0.02  |
| 6/13/2007 9:49 | 80.751 | 5.14  | 56.991 | 0.021 |
| 6/13/2007 9:49 | 81.001 | 5.14  | 56.991 | 0.021 |
| 6/13/2007 9:49 | 81.251 | 5.139 | 56.986 | 0.02  |
| 6/13/2007 9:49 | 81.501 | 5.138 | 56.99  | 0.018 |
| 6/13/2007 9:49 | 81.751 | 5.14  | 56.991 | 0.022 |
| 6/13/2007 9:49 | 82.001 | 5.139 | 56.998 | 0.019 |
| 6/13/2007 9:49 | 82.251 | 5.139 | 56.989 | 0.019 |
| 6/13/2007 9:49 | 82.501 | 5.138 | 56.994 | 0.018 |
| 6/13/2007 9:49 | 82.751 | 5.137 | 56.996 | 0.014 |
| 6/13/2007 9:49 | 83.001 | 5.14  | 56.996 | 0.021 |
| 6/13/2007 9:49 | 83.251 | 5.139 | 56.995 | 0.019 |
| 6/13/2007 9:49 | 83.501 | 5.14  | 56.996 | 0.021 |
| 6/13/2007 9:49 | 83.751 | 5.14  | 56.995 | 0.022 |
| 6/13/2007 9:49 | 84.001 | 5.139 | 56.996 | 0.02  |
| 6/13/2007 9:49 | 84.251 | 5.14  | 56.996 | 0.021 |
| 6/13/2007 9:49 | 84.501 | 5.14  | 56.992 | 0.021 |
| 6/13/2007 9:49 | 84.751 | 5.14  | 56.992 | 0.021 |
| 6/13/2007 9:49 | 85.001 | 5.138 | 56.998 | 0.018 |
| 6/13/2007 9:49 | 85.251 | 5.139 | 56.995 | 0.02  |
| 6/13/2007 9:49 | 85.501 | 5.139 | 56.996 | 0.019 |
| 6/13/2007 9:49 | 85.751 | 5.139 | 56.998 | 0.02  |
| 6/13/2007 9:49 | 86.001 | 5.14  | 56.996 | 0.022 |
| 6/13/2007 9:49 | 86.251 | 5.139 | 57.001 | 0.02  |
| 6/13/2007 9:49 | 86.501 | 5.139 | 56.996 | 0.02  |
| 6/13/2007 9:49 | 86.751 | 5.14  | 56.999 | 0.022 |

|                |        |       |        |       |
|----------------|--------|-------|--------|-------|
| 6/13/2007 9:49 | 87.001 | 5.138 | 56.998 | 0.017 |
| 6/13/2007 9:49 | 87.251 | 5.137 | 56.996 | 0.015 |
| 6/13/2007 9:49 | 87.501 | 5.138 | 57.001 | 0.017 |
| 6/13/2007 9:49 | 87.751 | 5.139 | 57.004 | 0.02  |
| 6/13/2007 9:49 | 88.001 | 5.14  | 57     | 0.021 |
| 6/13/2007 9:49 | 88.251 | 5.139 | 57.002 | 0.019 |
| 6/13/2007 9:49 | 88.501 | 5.139 | 56.999 | 0.02  |
| 6/13/2007 9:49 | 88.751 | 5.138 | 56.998 | 0.018 |
| 6/13/2007 9:49 | 89.001 | 5.138 | 57.002 | 0.017 |
| 6/13/2007 9:49 | 89.251 | 5.14  | 57.001 | 0.023 |
| 6/13/2007 9:49 | 89.501 | 5.14  | 57.004 | 0.022 |
| 6/13/2007 9:49 | 89.751 | 5.14  | 57.005 | 0.021 |
| 6/13/2007 9:49 | 90.001 | 5.141 | 57.006 | 0.024 |
| 6/13/2007 9:49 | 90.251 | 5.141 | 57.007 | 0.024 |
| 6/13/2007 9:49 | 90.501 | 5.141 | 57.004 | 0.023 |
| 6/13/2007 9:49 | 90.751 | 5.14  | 57.005 | 0.022 |
| 6/13/2007 9:49 | 91.001 | 5.139 | 57.005 | 0.02  |
| 6/13/2007 9:49 | 91.251 | 5.141 | 57.005 | 0.024 |
| 6/13/2007 9:49 | 91.501 | 5.14  | 57.007 | 0.022 |
| 6/13/2007 9:49 | 91.751 | 5.139 | 57.009 | 0.019 |
| 6/13/2007 9:49 | 92.001 | 5.14  | 57.005 | 0.022 |
| 6/13/2007 9:49 | 92.251 | 5.139 | 57.009 | 0.019 |
| 6/13/2007 9:49 | 92.501 | 5.14  | 57.006 | 0.022 |
| 6/13/2007 9:49 | 92.751 | 5.139 | 57.009 | 0.02  |
| 6/13/2007 9:49 | 93.001 | 5.14  | 57.008 | 0.022 |
| 6/13/2007 9:49 | 93.251 | 5.14  | 57.007 | 0.021 |
| 6/13/2007 9:49 | 93.501 | 5.139 | 57.007 | 0.019 |
| 6/13/2007 9:49 | 93.751 | 5.139 | 57.005 | 0.02  |
| 6/13/2007 9:49 | 94.001 | 5.139 | 57.01  | 0.02  |
| 6/13/2007 9:49 | 94.251 | 5.14  | 57.01  | 0.022 |
| 6/13/2007 9:49 | 94.501 | 5.14  | 57.01  | 0.022 |
| 6/13/2007 9:49 | 94.751 | 5.139 | 57.012 | 0.02  |
| 6/13/2007 9:49 | 95.001 | 5.14  | 57.011 | 0.021 |
| 6/13/2007 9:49 | 95.251 | 5.14  | 57.011 | 0.021 |
| 6/13/2007 9:49 | 95.501 | 5.139 | 57.013 | 0.019 |
| 6/13/2007 9:49 | 95.751 | 5.139 | 57.013 | 0.019 |
| 6/13/2007 9:49 | 96.001 | 5.139 | 57.013 | 0.019 |
| 6/13/2007 9:49 | 96.251 | 5.14  | 57.013 | 0.021 |
| 6/13/2007 9:49 | 96.501 | 5.14  | 57.015 | 0.022 |
| 6/13/2007 9:49 | 96.751 | 5.139 | 57.017 | 0.02  |
| 6/13/2007 9:49 | 97.001 | 5.139 | 57.013 | 0.02  |
| 6/13/2007 9:49 | 97.251 | 5.139 | 57.016 | 0.019 |
| 6/13/2007 9:49 | 97.501 | 5.139 | 57.018 | 0.018 |
| 6/13/2007 9:49 | 97.751 | 5.14  | 57.012 | 0.022 |

|                |         |       |        |       |
|----------------|---------|-------|--------|-------|
| 6/13/2007 9:49 | 98.001  | 5.14  | 57.014 | 0.021 |
| 6/13/2007 9:49 | 98.251  | 5.139 | 57.018 | 0.02  |
| 6/13/2007 9:49 | 98.501  | 5.14  | 57.016 | 0.021 |
| 6/13/2007 9:49 | 98.751  | 5.14  | 57.016 | 0.022 |
| 6/13/2007 9:49 | 99.001  | 5.139 | 57.015 | 0.019 |
| 6/13/2007 9:49 | 99.251  | 5.139 | 57.018 | 0.019 |
| 6/13/2007 9:49 | 99.501  | 5.14  | 57.019 | 0.022 |
| 6/13/2007 9:49 | 99.751  | 5.139 | 57.017 | 0.02  |
| 6/13/2007 9:49 | 100.001 | 5.139 | 57.017 | 0.019 |
| 6/13/2007 9:49 | 100.251 | 5.14  | 57.018 | 0.021 |
| 6/13/2007 9:49 | 100.501 | 5.139 | 57.015 | 0.02  |
| 6/13/2007 9:49 | 100.751 | 5.14  | 57.016 | 0.022 |
| 6/13/2007 9:49 | 101.001 | 5.141 | 57.018 | 0.023 |
| 6/13/2007 9:49 | 101.251 | 5.141 | 57.021 | 0.025 |
| 6/13/2007 9:49 | 101.501 | 5.138 | 57.019 | 0.017 |
| 6/13/2007 9:49 | 101.751 | 5.14  | 57.018 | 0.023 |
| 6/13/2007 9:49 | 102.001 | 5.139 | 57.023 | 0.02  |
| 6/13/2007 9:49 | 102.251 | 5.14  | 57.018 | 0.022 |
| 6/13/2007 9:49 | 102.501 | 5.14  | 57.023 | 0.021 |
| 6/13/2007 9:49 | 102.751 | 5.14  | 57.024 | 0.021 |
| 6/13/2007 9:49 | 103.001 | 5.139 | 57.02  | 0.02  |
| 6/13/2007 9:49 | 103.251 | 5.139 | 57.02  | 0.018 |
| 6/13/2007 9:49 | 103.501 | 5.14  | 57.024 | 0.021 |
| 6/13/2007 9:49 | 103.751 | 5.14  | 57.026 | 0.021 |
| 6/13/2007 9:49 | 104.001 | 5.14  | 57.024 | 0.021 |
| 6/13/2007 9:49 | 104.251 | 5.14  | 57.025 | 0.021 |
| 6/13/2007 9:49 | 104.501 | 5.14  | 57.024 | 0.022 |
| 6/13/2007 9:49 | 104.751 | 5.139 | 57.023 | 0.02  |
| 6/13/2007 9:49 | 105.001 | 5.139 | 57.024 | 0.019 |
| 6/13/2007 9:49 | 105.251 | 5.139 | 57.024 | 0.018 |
| 6/13/2007 9:49 | 105.501 | 5.14  | 57.028 | 0.021 |
| 6/13/2007 9:49 | 105.751 | 5.138 | 57.029 | 0.018 |
| 6/13/2007 9:49 | 106.001 | 5.139 | 57.028 | 0.02  |
| 6/13/2007 9:49 | 106.251 | 5.139 | 57.021 | 0.02  |
| 6/13/2007 9:49 | 106.501 | 5.139 | 57.027 | 0.019 |
| 6/13/2007 9:49 | 106.751 | 5.138 | 57.024 | 0.017 |
| 6/13/2007 9:49 | 107.001 | 5.14  | 57.029 | 0.021 |
| 6/13/2007 9:49 | 107.251 | 5.14  | 57.03  | 0.023 |
| 6/13/2007 9:49 | 107.501 | 5.139 | 57.028 | 0.019 |
| 6/13/2007 9:49 | 107.751 | 5.14  | 57.025 | 0.022 |
| 6/13/2007 9:49 | 108.001 | 5.14  | 57.029 | 0.021 |
| 6/13/2007 9:49 | 108.251 | 5.139 | 57.026 | 0.019 |
| 6/13/2007 9:49 | 108.501 | 5.14  | 57.029 | 0.021 |
| 6/13/2007 9:49 | 108.751 | 5.139 | 57.03  | 0.02  |

|                |         |       |        |       |
|----------------|---------|-------|--------|-------|
| 6/13/2007 9:49 | 109.001 | 5.139 | 57.028 | 0.019 |
| 6/13/2007 9:49 | 109.251 | 5.139 | 57.027 | 0.02  |
| 6/13/2007 9:49 | 109.501 | 5.141 | 57.034 | 0.023 |
| 6/13/2007 9:49 | 109.751 | 5.139 | 57.03  | 0.019 |
| 6/13/2007 9:49 | 110.001 | 5.139 | 57.03  | 0.018 |
| 6/13/2007 9:49 | 110.251 | 5.139 | 57.034 | 0.02  |
| 6/13/2007 9:49 | 110.501 | 5.139 | 57.03  | 0.02  |
| 6/13/2007 9:49 | 110.751 | 5.139 | 57.028 | 0.02  |
| 6/13/2007 9:49 | 111.001 | 5.139 | 57.028 | 0.02  |
| 6/13/2007 9:49 | 111.251 | 5.139 | 57.03  | 0.02  |
| 6/13/2007 9:49 | 111.501 | 5.139 | 57.034 | 0.019 |
| 6/13/2007 9:49 | 111.751 | 5.14  | 57.036 | 0.021 |
| 6/13/2007 9:49 | 112.001 | 5.14  | 57.034 | 0.022 |
| 6/13/2007 9:49 | 112.251 | 5.14  | 57.038 | 0.021 |
| 6/13/2007 9:49 | 112.501 | 5.14  | 57.031 | 0.021 |
| 6/13/2007 9:49 | 112.751 | 5.139 | 57.04  | 0.02  |
| 6/13/2007 9:49 | 113.001 | 5.139 | 57.037 | 0.019 |
| 6/13/2007 9:49 | 113.251 | 5.139 | 57.032 | 0.02  |
| 6/13/2007 9:49 | 113.501 | 5.139 | 57.037 | 0.019 |
| 6/13/2007 9:49 | 113.751 | 5.148 | 57.032 | 0.041 |
| 6/13/2007 9:49 | 114.001 | 5.14  | 57.042 | 0.022 |
| 6/13/2007 9:49 | 114.251 | 5.139 | 57.038 | 0.02  |
| 6/13/2007 9:49 | 114.501 | 5.138 | 57.037 | 0.018 |
| 6/13/2007 9:49 | 114.751 | 5.139 | 57.039 | 0.019 |
| 6/13/2007 9:49 | 115.001 | 5.139 | 57.041 | 0.02  |
| 6/13/2007 9:49 | 115.251 | 5.14  | 57.046 | 0.023 |
| 6/13/2007 9:49 | 115.501 | 5.14  | 57.042 | 0.022 |
| 6/13/2007 9:49 | 115.751 | 5.141 | 57.038 | 0.023 |
| 6/13/2007 9:49 | 116.001 | 5.139 | 57.042 | 0.019 |
| 6/13/2007 9:49 | 116.251 | 5.14  | 57.039 | 0.021 |
| 6/13/2007 9:49 | 116.501 | 5.14  | 57.038 | 0.023 |
| 6/13/2007 9:49 | 116.751 | 5.139 | 57.038 | 0.019 |
| 6/13/2007 9:49 | 117.001 | 5.138 | 57.043 | 0.018 |
| 6/13/2007 9:49 | 117.251 | 5.139 | 57.045 | 0.02  |
| 6/13/2007 9:49 | 117.501 | 5.138 | 57.048 | 0.018 |
| 6/13/2007 9:49 | 117.751 | 5.139 | 57.04  | 0.02  |
| 6/13/2007 9:49 | 118.001 | 5.14  | 57.041 | 0.021 |
| 6/13/2007 9:49 | 118.251 | 5.139 | 57.046 | 0.019 |
| 6/13/2007 9:49 | 118.501 | 5.14  | 57.047 | 0.022 |
| 6/13/2007 9:49 | 118.751 | 5.139 | 57.043 | 0.019 |
| 6/13/2007 9:49 | 119.001 | 5.139 | 57.042 | 0.02  |
| 6/13/2007 9:49 | 119.251 | 5.139 | 57.048 | 0.02  |
| 6/13/2007 9:49 | 119.501 | 5.139 | 57.045 | 0.019 |
| 6/13/2007 9:49 | 119.751 | 5.14  | 57.041 | 0.022 |

|                 |          |       |        |       |
|-----------------|----------|-------|--------|-------|
| 6/13/2007 9:49  | 120.001  | 5.14  | 57.042 | 0.021 |
| 6/13/2007 9:50  | 180.001  | 5.14  | 56.713 | 0.022 |
| 6/13/2007 9:51  | 240.001  | 5.141 | 56.656 | 0.025 |
| 6/13/2007 9:52  | 300.001  | 5.141 | 56.65  | 0.024 |
| 6/13/2007 9:53  | 360.001  | 5.14  | 56.676 | 0.021 |
| 6/13/2007 9:54  | 420.001  | 5.141 | 56.691 | 0.024 |
| 6/13/2007 9:55  | 480.001  | 5.141 | 56.718 | 0.024 |
| 6/13/2007 9:56  | 540.001  | 5.142 | 56.729 | 0.027 |
| 6/13/2007 9:57  | 600.001  | 5.138 | 56.745 | 0.018 |
| 6/13/2007 9:58  | 660.001  | 5.139 | 56.738 | 0.019 |
| 6/13/2007 9:59  | 720.001  | 5.14  | 56.736 | 0.022 |
| 6/13/2007 10:00 | 780.001  | 5.14  | 56.733 | 0.021 |
| 6/13/2007 10:01 | 840.001  | 5.139 | 56.727 | 0.019 |
| 6/13/2007 10:02 | 900.001  | 5.139 | 56.721 | 0.018 |
| 6/13/2007 10:03 | 960.001  | 5.141 | 56.712 | 0.024 |
| 6/13/2007 10:04 | 1020.001 | 5.141 | 56.696 | 0.024 |
| 6/13/2007 10:05 | 1080.001 | 5.14  | 56.689 | 0.023 |
| 6/13/2007 10:06 | 1140.001 | 5.14  | 56.675 | 0.021 |
| 6/13/2007 10:07 | 1200.001 | 5.143 | 56.664 | 0.028 |
| 6/13/2007 10:08 | 1260.001 | 5.138 | 56.65  | 0.017 |
| 6/13/2007 10:09 | 1320.001 | 5.139 | 56.645 | 0.02  |

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## Raw Test Data for MW-395 Falling Head

Report Date: 6/17/2007 7:01  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name mw395sb 2007-06-07 10.14.49.wsl  
Create Date 6/7/2007 9:14

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw395sb           |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/7/2007 8:52     |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.02084 (PSI)     |
| Temperature                   | 52.5529 (F)       |
| Depth of Probe                | 9.28184 (ft)      |

Log Notes:

|               |                                                |
|---------------|------------------------------------------------|
| Date and Time | Note                                           |
| 6/7/2007 8:52 | User Note: "Level reference initialized to: 0" |
| 6/7/2007 8:52 | Manual Start Command                           |
| 6/7/2007 9:13 | Manual Stop Command                            |

Log Data:  
Record Count 499

| Date and Time | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941<br>Pressure (PSI) | Sensor: Pres 30G<br>SN#: 102941<br>Temperature (F) | Sensor: Pres 30G<br>SN#: 102941<br>Level-Surface (ft) |
|---------------|-------------------------|---------------------------------------------------|----------------------------------------------------|-------------------------------------------------------|
| 6/7/2007 8:52 | 0                       | 4.029                                             | 52.498                                             | 0.019                                                 |
| 6/7/2007 8:52 | 0.67                    | 4.029                                             | 52.515                                             | 0.019                                                 |
| 6/7/2007 8:52 | 0.874                   | 4.028                                             | 52.555                                             | 0.016                                                 |
| 6/7/2007 8:52 | 1.08                    | 4.029                                             | 52.583                                             | 0.018                                                 |
| 6/7/2007 8:52 | 1.288                   | 4.025                                             | 52.6                                               | 0.009                                                 |
| 6/7/2007 8:52 | 1.494                   | 4.027                                             | 52.617                                             | 0.015                                                 |
| 6/7/2007 8:52 | 1.701                   | 4.028                                             | 52.629                                             | 0.016                                                 |
| 6/7/2007 8:52 | 1.906                   | 4.025                                             | 52.645                                             | 0.011                                                 |
| 6/7/2007 8:52 | 2.112                   | 4.027                                             | 52.653                                             | 0.014                                                 |
| 6/7/2007 8:52 | 2.319                   | 4.026                                             | 52.66                                              | 0.013                                                 |
| 6/7/2007 8:52 | 2.525                   | 4.026                                             | 52.663                                             | 0.012                                                 |
| 6/7/2007 8:52 | 2.85                    | 4.027                                             | 52.651                                             | 0.014                                                 |
| 6/7/2007 8:52 | 3.055                   | 4.026                                             | 52.663                                             | 0.011                                                 |
| 6/7/2007 8:52 | 3.259                   | 4.025                                             | 52.674                                             | 0.009                                                 |
| 6/7/2007 8:52 | 3.5                     | 4.026                                             | 52.673                                             | 0.012                                                 |
| 6/7/2007 8:52 | 3.75                    | 4.026                                             | 52.671                                             | 0.013                                                 |
| 6/7/2007 8:52 | 4                       | 4.026                                             | 52.672                                             | 0.013                                                 |
| 6/7/2007 8:52 | 4.25                    | 4.025                                             | 52.674                                             | 0.011                                                 |
| 6/7/2007 8:52 | 4.5                     | 4.025                                             | 52.678                                             | 0.01                                                  |
| 6/7/2007 8:52 | 4.75                    | 4.024                                             | 52.675                                             | 0.007                                                 |
| 6/7/2007 8:52 | 5                       | 4.024                                             | 52.685                                             | 0.007                                                 |
| 6/7/2007 8:52 | 5.25                    | 4.025                                             | 52.684                                             | 0.011                                                 |
| 6/7/2007 8:52 | 5.5                     | 4.027                                             | 52.683                                             | 0.015                                                 |
| 6/7/2007 8:53 | 5.75                    | 4.026                                             | 52.688                                             | 0.012                                                 |
| 6/7/2007 8:53 | 6                       | 4.026                                             | 52.684                                             | 0.013                                                 |
| 6/7/2007 8:53 | 6.25                    | 4.026                                             | 52.688                                             | 0.012                                                 |
| 6/7/2007 8:53 | 6.5                     | 4.024                                             | 52.69                                              | 0.008                                                 |
| 6/7/2007 8:53 | 6.75                    | 4.024                                             | 52.691                                             | 0.007                                                 |
| 6/7/2007 8:53 | 7                       | 4.027                                             | 52.693                                             | 0.015                                                 |
| 6/7/2007 8:53 | 7.39                    | 4.025                                             | 52.673                                             | 0.009                                                 |
| 6/7/2007 8:53 | 7.593                   | 4.025                                             | 52.729                                             | 0.01                                                  |
| 6/7/2007 8:53 | 7.929                   | 4.026                                             | 52.683                                             | 0.011                                                 |
| 6/7/2007 8:53 | 8.32                    | 4.025                                             | 52.703                                             | 0.009                                                 |
| 6/7/2007 8:53 | 8.524                   | 4.025                                             | 52.71                                              | 0.009                                                 |
| 6/7/2007 8:53 | 8.728                   | 4.024                                             | 52.717                                             | 0.008                                                 |
| 6/7/2007 8:53 | 8.932                   | 4.025                                             | 52.723                                             | 0.009                                                 |
| 6/7/2007 8:53 | 9.135                   | 4.026                                             | 52.727                                             | 0.011                                                 |
| 6/7/2007 8:53 | 9.338                   | 4.025                                             | 52.698                                             | 0.009                                                 |
| 6/7/2007 8:53 | 9.728                   | 4.026                                             | 52.743                                             | 0.013                                                 |
| 6/7/2007 8:53 | 10.062                  | 4.024                                             | 52.705                                             | 0.006                                                 |
| 6/7/2007 8:53 | 10.457                  | 4.025                                             | 52.69                                              | 0.01                                                  |
| 6/7/2007 8:53 | 10.848                  | 4.026                                             | 52.739                                             | 0.011                                                 |
| 6/7/2007 8:53 | 11.182                  | 4.025                                             | 52.704                                             | 0.009                                                 |
| 6/7/2007 8:53 | 11.572                  | 4.024                                             | 52.687                                             | 0.008                                                 |
| 6/7/2007 8:53 | 11.962                  | 4.025                                             | 52.742                                             | 0.009                                                 |
| 6/7/2007 8:53 | 12.297                  | 4.026                                             | 52.706                                             | 0.012                                                 |
| 6/7/2007 8:53 | 12.687                  | 4.025                                             | 52.692                                             | 0.009                                                 |

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|               |        |       |        |        |
|---------------|--------|-------|--------|--------|
| 6/7/2007 8:53 | 13.077 | 4.025 | 52.741 | 0.009  |
| 6/7/2007 8:53 | 13.413 | 4.025 | 52.706 | 0.01   |
| 6/7/2007 8:53 | 13.806 | 4.026 | 52.689 | 0.011  |
| 6/7/2007 8:53 | 14.196 | 4.026 | 52.749 | 0.011  |
| 6/7/2007 8:53 | 14.53  | 4.026 | 52.708 | 0.011  |
| 6/7/2007 8:53 | 14.922 | 4.024 | 52.697 | 0.007  |
| 6/7/2007 8:53 | 15.311 | 4.026 | 52.754 | 0.012  |
| 6/7/2007 8:53 | 15.648 | 4.026 | 52.715 | 0.011  |
| 6/7/2007 8:53 | 16.041 | 4.024 | 52.702 | 0.007  |
| 6/7/2007 8:53 | 16.431 | 4.024 | 52.757 | 0.007  |
| 6/7/2007 8:53 | 16.765 | 4.026 | 52.725 | 0.011  |
| 6/7/2007 8:53 | 17.156 | 4.027 | 52.707 | 0.014  |
| 6/7/2007 8:53 | 17.545 | 4.027 | 52.759 | 0.013  |
| 6/7/2007 8:53 | 17.881 | 4.026 | 52.718 | 0.012  |
| 6/7/2007 8:53 | 18.275 | 4.027 | 52.713 | 0.014  |
| 6/7/2007 8:53 | 18.665 | 4.025 | 52.763 | 0.01   |
| 6/7/2007 8:53 | 19     | 4.025 | 52.721 | 0.009  |
| 6/7/2007 8:53 | 19.392 | 4.027 | 52.713 | 0.013  |
| 6/7/2007 8:53 | 19.782 | 4.026 | 52.769 | 0.011  |
| 6/7/2007 8:53 | 20.116 | 4.025 | 52.735 | 0.01   |
| 6/7/2007 8:53 | 20.51  | 4.026 | 52.718 | 0.011  |
| 6/7/2007 8:53 | 20.899 | 4.024 | 52.772 | 0.008  |
| 6/7/2007 8:53 | 21.234 | 4.025 | 52.741 | 0.009  |
| 6/7/2007 8:53 | 21.625 | 4.025 | 52.726 | 0.01   |
| 6/7/2007 8:53 | 22.014 | 4.003 | 52.776 | -0.042 |
| 6/7/2007 8:53 | 22.35  | 3.953 | 52.738 | -0.157 |
| 6/7/2007 8:53 | 22.745 | 3.727 | 52.724 | -0.678 |
| 6/7/2007 8:53 | 23.134 | 3.615 | 52.781 | -0.937 |
| 6/7/2007 8:53 | 23.468 | 3.37  | 52.743 | -1.504 |
| 6/7/2007 8:53 | 23.86  | 3.227 | 52.728 | -1.834 |
| 6/7/2007 8:53 | 24.25  | 3.19  | 52.785 | -1.919 |
| 6/7/2007 8:53 | 24.585 | 3.035 | 52.75  | -2.277 |
| 6/7/2007 8:53 | 24.979 | 2.784 | 52.734 | -2.856 |
| 6/7/2007 8:53 | 25.369 | 2.606 | 52.787 | -3.267 |
| 6/7/2007 8:53 | 25.703 | 2.714 | 52.747 | -3.017 |
| 6/7/2007 8:53 | 26.093 | 2.746 | 52.736 | -2.943 |
| 6/7/2007 8:53 | 26.483 | 2.769 | 52.786 | -2.892 |
| 6/7/2007 8:53 | 26.819 | 2.818 | 52.75  | -2.777 |
| 6/7/2007 8:53 | 27.21  | 2.856 | 52.735 | -2.69  |
| 6/7/2007 8:53 | 27.601 | 2.885 | 52.79  | -2.623 |
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| 6/7/2007 8:53 | 28.329 | 2.948 | 52.747 | -2.477 |
| 6/7/2007 8:53 | 28.721 | 2.976 | 52.799 | -2.413 |
| 6/7/2007 8:53 | 29.055 | 3.004 | 52.762 | -2.347 |
| 6/7/2007 8:53 | 29.446 | 3.036 | 52.747 | -2.274 |
| 6/7/2007 8:53 | 29.836 | 3.059 | 52.799 | -2.22  |
| 6/7/2007 8:53 | 30.17  | 3.086 | 52.763 | -2.158 |
| 6/7/2007 8:53 | 30.565 | 3.111 | 52.751 | -2.102 |
| 6/7/2007 8:53 | 30.954 | 3.136 | 52.798 | -2.044 |
| 6/7/2007 8:53 | 31.289 | 3.162 | 52.763 | -1.983 |
| 6/7/2007 8:53 | 31.68  | 3.185 | 52.752 | -1.93  |
| 6/7/2007 8:53 | 32.07  | 3.205 | 52.807 | -1.885 |

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| 6/7/2007 8:53 | 32.404 | 3.228 | 52.77  | -1.83  |
| 6/7/2007 8:53 | 32.798 | 3.25  | 52.754 | -1.78  |
| 6/7/2007 8:53 | 33.19  | 3.27  | 52.811 | -1.733 |
| 6/7/2007 8:53 | 33.524 | 3.292 | 52.77  | -1.683 |
| 6/7/2007 8:53 | 33.915 | 3.311 | 52.761 | -1.638 |
| 6/7/2007 8:53 | 34.304 | 3.328 | 52.814 | -1.6   |
| 6/7/2007 8:53 | 34.639 | 3.349 | 52.78  | -1.552 |
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| 6/7/2007 8:53 | 35.423 | 3.384 | 52.814 | -1.47  |
| 6/7/2007 8:53 | 35.757 | 3.401 | 52.775 | -1.431 |
| 6/7/2007 8:53 | 36.149 | 3.42  | 52.761 | -1.387 |
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| 6/7/2007 8:53 | 37.996 | 3.498 | 52.782 | -1.208 |
| 6/7/2007 8:53 | 38.386 | 3.515 | 52.766 | -1.169 |
| 6/7/2007 8:53 | 38.775 | 3.527 | 52.824 | -1.141 |
| 6/7/2007 8:53 | 39.109 | 3.54  | 52.782 | -1.11  |
| 6/7/2007 8:53 | 39.504 | 3.555 | 52.774 | -1.076 |
| 6/7/2007 8:53 | 39.893 | 3.567 | 52.825 | -1.048 |
| 6/7/2007 8:53 | 40.228 | 3.582 | 52.793 | -1.012 |
| 6/7/2007 8:53 | 40.619 | 3.594 | 52.769 | -0.985 |
| 6/7/2007 8:53 | 41.009 | 3.606 | 52.826 | -0.959 |
| 6/7/2007 8:53 | 41.343 | 3.618 | 52.791 | -0.931 |
| 6/7/2007 8:53 | 41.734 | 3.631 | 52.778 | -0.899 |
| 6/7/2007 8:53 | 42.125 | 3.641 | 52.829 | -0.877 |
| 6/7/2007 8:53 | 42.46  | 3.652 | 52.795 | -0.851 |
| 6/7/2007 8:53 | 42.854 | 3.665 | 52.776 | -0.821 |
| 6/7/2007 8:53 | 43.243 | 3.675 | 52.833 | -0.799 |
| 6/7/2007 8:53 | 43.578 | 3.684 | 52.793 | -0.778 |
| 6/7/2007 8:53 | 43.968 | 3.696 | 52.782 | -0.751 |
| 6/7/2007 8:53 | 44.358 | 3.703 | 52.835 | -0.734 |
| 6/7/2007 8:53 | 44.694 | 3.715 | 52.797 | -0.706 |
| 6/7/2007 8:53 | 45.088 | 3.723 | 52.781 | -0.687 |
| 6/7/2007 8:53 | 45.478 | 3.733 | 52.833 | -0.665 |
| 6/7/2007 8:53 | 45.812 | 3.743 | 52.802 | -0.641 |
| 6/7/2007 8:53 | 46.203 | 3.75  | 52.79  | -0.626 |
| 6/7/2007 8:53 | 46.593 | 3.76  | 52.834 | -0.603 |
| 6/7/2007 8:53 | 46.929 | 3.768 | 52.804 | -0.584 |
| 6/7/2007 8:53 | 47.324 | 3.777 | 52.782 | -0.563 |
| 6/7/2007 8:53 | 47.713 | 3.784 | 52.844 | -0.547 |
| 6/7/2007 8:53 | 48.047 | 3.794 | 52.8   | -0.524 |
| 6/7/2007 8:53 | 48.438 | 3.8   | 52.789 | -0.509 |
| 6/7/2007 8:53 | 48.838 | 3.807 | 52.843 | -0.493 |
| 6/7/2007 8:53 | 49.172 | 3.815 | 52.805 | -0.476 |
| 6/7/2007 8:53 | 49.563 | 3.823 | 52.788 | -0.458 |
| 6/7/2007 8:53 | 49.953 | 3.83  | 52.844 | -0.44  |
| 6/7/2007 8:53 | 50.288 | 3.836 | 52.804 | -0.426 |
| 6/7/2007 8:53 | 50.679 | 3.844 | 52.796 | -0.409 |
| 6/7/2007 8:53 | 51.07  | 3.847 | 52.846 | -0.4   |
| 6/7/2007 8:53 | 51.405 | 3.857 | 52.814 | -0.378 |

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| 6/7/2007 8:53 | 51.799 | 3.863 | 52.794 | -0.365 |
| 6/7/2007 8:53 | 52.189 | 3.868 | 52.85  | -0.353 |
| 6/7/2007 8:53 | 52.523 | 3.875 | 52.81  | -0.337 |
| 6/7/2007 8:53 | 52.914 | 3.88  | 52.797 | -0.326 |
| 6/7/2007 8:53 | 53.305 | 3.885 | 52.847 | -0.313 |
| 6/7/2007 8:53 | 53.639 | 3.891 | 52.813 | -0.299 |
| 6/7/2007 8:53 | 54.035 | 3.895 | 52.802 | -0.29  |
| 6/7/2007 8:53 | 54.425 | 3.901 | 52.855 | -0.278 |
| 6/7/2007 8:53 | 54.759 | 3.911 | 52.809 | -0.255 |
| 6/7/2007 8:53 | 55.15  | 3.912 | 52.799 | -0.251 |
| 6/7/2007 8:53 | 55.54  | 3.916 | 52.85  | -0.242 |
| 6/7/2007 8:53 | 55.876 | 3.919 | 52.81  | -0.235 |
| 6/7/2007 8:53 | 56.268 | 3.925 | 52.799 | -0.22  |
| 6/7/2007 8:53 | 56.66  | 3.929 | 52.854 | -0.212 |
| 6/7/2007 8:53 | 56.994 | 3.932 | 52.818 | -0.205 |
| 6/7/2007 8:53 | 57.389 | 3.939 | 52.798 | -0.189 |
| 6/7/2007 8:53 | 57.778 | 3.942 | 52.858 | -0.181 |
| 6/7/2007 8:53 | 58.113 | 3.947 | 52.82  | -0.17  |
| 6/7/2007 8:53 | 58.504 | 3.951 | 52.807 | -0.162 |
| 6/7/2007 8:53 | 58.894 | 3.954 | 52.851 | -0.154 |
| 6/7/2007 8:53 | 59.228 | 3.958 | 52.821 | -0.145 |
| 6/7/2007 8:53 | 59.621 | 3.962 | 52.812 | -0.136 |
| 6/7/2007 8:53 | 60.011 | 3.965 | 52.859 | -0.128 |
| 6/7/2007 8:53 | 60.348 | 3.97  | 52.825 | -0.117 |
| 6/7/2007 8:53 | 60.741 | 3.972 | 52.807 | -0.112 |
| 6/7/2007 8:53 | 61.132 | 3.976 | 52.861 | -0.104 |
| 6/7/2007 8:53 | 61.466 | 3.977 | 52.827 | -0.102 |
| 6/7/2007 8:53 | 61.859 | 3.982 | 52.81  | -0.091 |
| 6/7/2007 8:53 | 62.248 | 3.984 | 52.861 | -0.086 |
| 6/7/2007 8:53 | 62.584 | 3.989 | 52.829 | -0.074 |
| 6/7/2007 8:53 | 62.976 | 3.991 | 52.806 | -0.069 |
| 6/7/2007 8:53 | 63.366 | 3.993 | 52.859 | -0.064 |
| 6/7/2007 8:53 | 63.7   | 3.995 | 52.829 | -0.059 |
| 6/7/2007 8:53 | 64.093 | 3.998 | 52.811 | -0.052 |
| 6/7/2007 8:53 | 64.483 | 4     | 52.866 | -0.048 |
| 6/7/2007 8:53 | 64.82  | 4.005 | 52.829 | -0.037 |
| 6/7/2007 8:53 | 65.212 | 4.007 | 52.816 | -0.032 |
| 6/7/2007 8:53 | 65.602 | 4.008 | 52.868 | -0.031 |
| 6/7/2007 8:54 | 65.936 | 4.011 | 52.833 | -0.022 |
| 6/7/2007 8:54 | 66.331 | 4.013 | 52.814 | -0.018 |
| 6/7/2007 8:54 | 66.722 | 4.015 | 52.871 | -0.013 |
| 6/7/2007 8:54 | 67.056 | 4.018 | 52.831 | -0.007 |
| 6/7/2007 8:54 | 67.447 | 4.02  | 52.815 | -0.002 |
| 6/7/2007 8:54 | 67.837 | 4.021 | 52.87  | 0      |
| 6/7/2007 8:54 | 68.171 | 4.024 | 52.833 | 0.007  |
| 6/7/2007 8:54 | 68.565 | 4.025 | 52.819 | 0.01   |
| 6/7/2007 8:54 | 68.956 | 4.027 | 52.874 | 0.014  |
| 6/7/2007 8:54 | 69.292 | 4.032 | 52.833 | 0.027  |
| 6/7/2007 8:54 | 69.682 | 4.032 | 52.825 | 0.026  |
| 6/7/2007 8:54 | 70.072 | 4.032 | 52.872 | 0.026  |
| 6/7/2007 8:54 | 70.406 | 4.035 | 52.833 | 0.032  |
| 6/7/2007 8:54 | 70.797 | 4.038 | 52.82  | 0.039  |

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| 6/7/2007 8:54 | 71.186 | 4.038 | 52.872 | 0.04  |
| 6/7/2007 8:54 | 71.522 | 4.04  | 52.841 | 0.043 |
| 6/7/2007 8:54 | 71.916 | 4.04  | 52.819 | 0.045 |
| 6/7/2007 8:54 | 72.306 | 4.041 | 52.873 | 0.047 |
| 6/7/2007 8:54 | 72.64  | 4.043 | 52.84  | 0.051 |
| 6/7/2007 8:54 | 73.031 | 4.045 | 52.827 | 0.057 |
| 6/7/2007 8:54 | 73.42  | 4.046 | 52.878 | 0.058 |
| 6/7/2007 8:54 | 73.756 | 4.048 | 52.838 | 0.062 |
| 6/7/2007 8:54 | 74.151 | 4.048 | 52.816 | 0.063 |
| 6/7/2007 8:54 | 74.541 | 4.049 | 52.875 | 0.065 |
| 6/7/2007 8:54 | 74.875 | 4.051 | 52.841 | 0.069 |
| 6/7/2007 8:54 | 75.265 | 4.051 | 52.825 | 0.069 |
| 6/7/2007 8:54 | 75.655 | 4.052 | 52.878 | 0.073 |
| 6/7/2007 8:54 | 75.991 | 4.054 | 52.847 | 0.078 |
| 6/7/2007 8:54 | 76.385 | 4.055 | 52.823 | 0.079 |
| 6/7/2007 8:54 | 76.775 | 4.056 | 52.881 | 0.08  |
| 6/7/2007 8:54 | 77.109 | 4.058 | 52.848 | 0.085 |
| 6/7/2007 8:54 | 77.5   | 4.057 | 52.827 | 0.084 |
| 6/7/2007 8:54 | 77.889 | 4.058 | 52.882 | 0.086 |
| 6/7/2007 8:54 | 78.225 | 4.059 | 52.844 | 0.088 |
| 6/7/2007 8:54 | 78.62  | 4.061 | 52.827 | 0.094 |
| 6/7/2007 8:54 | 79.01  | 4.061 | 52.883 | 0.093 |
| 6/7/2007 8:54 | 79.345 | 4.063 | 52.844 | 0.098 |
| 6/7/2007 8:54 | 79.737 | 4.062 | 52.83  | 0.095 |
| 6/7/2007 8:54 | 80.128 | 4.064 | 52.884 | 0.101 |
| 6/7/2007 8:54 | 80.462 | 4.066 | 52.846 | 0.104 |
| 6/7/2007 8:54 | 80.856 | 4.066 | 52.83  | 0.103 |
| 6/7/2007 8:54 | 81.245 | 4.065 | 52.882 | 0.101 |
| 6/7/2007 8:54 | 81.58  | 4.066 | 52.844 | 0.105 |
| 6/7/2007 8:54 | 81.972 | 4.067 | 52.833 | 0.108 |
| 6/7/2007 8:54 | 82.362 | 4.067 | 52.886 | 0.107 |
| 6/7/2007 8:54 | 82.696 | 4.069 | 52.849 | 0.11  |
| 6/7/2007 8:54 | 83.091 | 4.069 | 52.837 | 0.111 |
| 6/7/2007 8:54 | 83.48  | 4.068 | 52.888 | 0.109 |
| 6/7/2007 8:54 | 83.815 | 4.073 | 52.847 | 0.121 |
| 6/7/2007 8:54 | 84.206 | 4.07  | 52.832 | 0.114 |
| 6/7/2007 8:54 | 84.597 | 4.071 | 52.89  | 0.115 |
| 6/7/2007 8:54 | 84.931 | 4.07  | 52.852 | 0.113 |
| 6/7/2007 8:54 | 85.322 | 4.071 | 52.833 | 0.115 |
| 6/7/2007 8:54 | 85.712 | 4.07  | 52.887 | 0.114 |
| 6/7/2007 8:54 | 86.047 | 4.073 | 52.852 | 0.121 |
| 6/7/2007 8:54 | 86.439 | 4.076 | 52.838 | 0.127 |
| 6/7/2007 8:54 | 86.839 | 4.076 | 52.891 | 0.127 |
| 6/7/2007 8:54 | 87.173 | 4.077 | 52.853 | 0.13  |
| 6/7/2007 8:54 | 87.567 | 4.075 | 52.836 | 0.125 |
| 6/7/2007 8:54 | 87.958 | 4.077 | 52.889 | 0.13  |
| 6/7/2007 8:54 | 88.292 | 4.078 | 52.856 | 0.131 |
| 6/7/2007 8:54 | 88.685 | 4.076 | 52.844 | 0.128 |
| 6/7/2007 8:54 | 89.074 | 4.076 | 52.892 | 0.128 |
| 6/7/2007 8:54 | 89.409 | 4.077 | 52.854 | 0.129 |
| 6/7/2007 8:54 | 89.8   | 4.078 | 52.841 | 0.131 |
| 6/7/2007 8:54 | 90.19  | 4.078 | 52.892 | 0.131 |

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| 6/7/2007 8:54 | 90.525  | 4.08  | 52.856 | 0.137 |
| 6/7/2007 8:54 | 90.918  | 4.077 | 52.84  | 0.129 |
| 6/7/2007 8:54 | 91.307  | 4.077 | 52.895 | 0.13  |
| 6/7/2007 8:54 | 91.643  | 4.078 | 52.858 | 0.132 |
| 6/7/2007 8:54 | 92.036  | 4.08  | 52.844 | 0.136 |
| 6/7/2007 8:54 | 92.426  | 4.079 | 52.895 | 0.135 |
| 6/7/2007 8:54 | 92.761  | 4.08  | 52.858 | 0.136 |
| 6/7/2007 8:54 | 93.154  | 4.079 | 52.846 | 0.134 |
| 6/7/2007 8:54 | 93.544  | 4.079 | 52.902 | 0.135 |
| 6/7/2007 8:54 | 93.88   | 4.08  | 52.857 | 0.137 |
| 6/7/2007 8:54 | 94.272  | 4.082 | 52.844 | 0.141 |
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| 6/7/2007 8:54 | 94.997  | 4.082 | 52.861 | 0.141 |
| 6/7/2007 8:54 | 95.39   | 4.082 | 52.848 | 0.141 |
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| 6/7/2007 8:54 | 96.116  | 4.08  | 52.859 | 0.138 |
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| 6/7/2007 8:54 | 97.233  | 4.083 | 52.866 | 0.144 |
| 6/7/2007 8:54 | 97.626  | 4.083 | 52.852 | 0.143 |
| 6/7/2007 8:54 | 98.016  | 4.083 | 52.899 | 0.143 |
| 6/7/2007 8:54 | 98.351  | 4.087 | 52.862 | 0.152 |
| 6/7/2007 8:54 | 98.742  | 4.084 | 52.845 | 0.146 |
| 6/7/2007 8:54 | 99.132  | 4.082 | 52.899 | 0.142 |
| 6/7/2007 8:54 | 99.466  | 4.084 | 52.857 | 0.146 |
| 6/7/2007 8:54 | 99.857  | 4.084 | 52.848 | 0.146 |
| 6/7/2007 8:54 | 100.246 | 4.083 | 52.9   | 0.143 |
| 6/7/2007 8:54 | 100.581 | 4.084 | 52.87  | 0.146 |
| 6/7/2007 8:54 | 100.975 | 4.083 | 52.855 | 0.143 |
| 6/7/2007 8:54 | 101.367 | 4.084 | 52.901 | 0.146 |
| 6/7/2007 8:54 | 101.701 | 4.086 | 52.869 | 0.15  |
| 6/7/2007 8:54 | 102.092 | 4.084 | 52.848 | 0.145 |
| 6/7/2007 8:54 | 102.482 | 4.085 | 52.902 | 0.147 |
| 6/7/2007 8:54 | 102.817 | 4.085 | 52.871 | 0.148 |
| 6/7/2007 8:54 | 103.212 | 4.084 | 52.85  | 0.145 |
| 6/7/2007 8:54 | 103.602 | 4.085 | 52.904 | 0.148 |
| 6/7/2007 8:54 | 103.937 | 4.085 | 52.87  | 0.148 |
| 6/7/2007 8:54 | 104.328 | 4.085 | 52.852 | 0.147 |
| 6/7/2007 8:54 | 104.717 | 4.086 | 52.902 | 0.149 |
| 6/7/2007 8:54 | 105.053 | 4.085 | 52.874 | 0.148 |
| 6/7/2007 8:54 | 105.447 | 4.085 | 52.857 | 0.148 |
| 6/7/2007 8:54 | 105.838 | 4.085 | 52.905 | 0.148 |
| 6/7/2007 8:54 | 106.172 | 4.086 | 52.871 | 0.149 |
| 6/7/2007 8:54 | 106.563 | 4.085 | 52.857 | 0.148 |
| 6/7/2007 8:54 | 106.953 | 4.084 | 52.908 | 0.146 |
| 6/7/2007 8:54 | 107.288 | 4.086 | 52.867 | 0.149 |
| 6/7/2007 8:54 | 107.683 | 4.085 | 52.858 | 0.148 |
| 6/7/2007 8:54 | 108.072 | 4.086 | 52.906 | 0.151 |
| 6/7/2007 8:54 | 108.407 | 4.086 | 52.868 | 0.15  |
| 6/7/2007 8:54 | 108.797 | 4.087 | 52.857 | 0.152 |
| 6/7/2007 8:54 | 109.187 | 4.087 | 52.907 | 0.154 |
| 6/7/2007 8:54 | 109.523 | 4.086 | 52.878 | 0.151 |

|               |         |       |        |       |
|---------------|---------|-------|--------|-------|
| 6/7/2007 8:54 | 109.917 | 4.086 | 52.86  | 0.15  |
| 6/7/2007 8:54 | 110.308 | 4.086 | 52.907 | 0.152 |
| 6/7/2007 8:54 | 110.644 | 4.086 | 52.873 | 0.149 |
| 6/7/2007 8:54 | 111.035 | 4.085 | 52.86  | 0.147 |
| 6/7/2007 8:54 | 111.426 | 4.086 | 52.91  | 0.151 |
| 6/7/2007 8:54 | 111.761 | 4.087 | 52.878 | 0.152 |
| 6/7/2007 8:54 | 112.156 | 4.088 | 52.861 | 0.154 |
| 6/7/2007 8:54 | 112.545 | 4.087 | 52.914 | 0.152 |
| 6/7/2007 8:54 | 112.881 | 4.09  | 52.874 | 0.16  |
| 6/7/2007 8:54 | 113.273 | 4.087 | 52.856 | 0.152 |
| 6/7/2007 8:54 | 113.663 | 4.087 | 52.909 | 0.152 |
| 6/7/2007 8:54 | 113.997 | 4.085 | 52.878 | 0.149 |
| 6/7/2007 8:54 | 114.388 | 4.087 | 52.859 | 0.152 |
| 6/7/2007 8:54 | 114.778 | 4.087 | 52.912 | 0.153 |
| 6/7/2007 8:54 | 115.113 | 4.086 | 52.875 | 0.149 |
| 6/7/2007 8:54 | 115.507 | 4.086 | 52.86  | 0.15  |
| 6/7/2007 8:54 | 115.898 | 4.086 | 52.911 | 0.15  |
| 6/7/2007 8:54 | 116.232 | 4.086 | 52.874 | 0.151 |
| 6/7/2007 8:54 | 116.622 | 4.087 | 52.861 | 0.153 |
| 6/7/2007 8:54 | 117.012 | 4.086 | 52.916 | 0.151 |
| 6/7/2007 8:54 | 117.347 | 4.087 | 52.877 | 0.152 |
| 6/7/2007 8:54 | 117.742 | 4.088 | 52.863 | 0.155 |
| 6/7/2007 8:54 | 118.132 | 4.086 | 52.913 | 0.149 |
| 6/7/2007 8:54 | 118.466 | 4.088 | 52.874 | 0.154 |
| 6/7/2007 8:54 | 118.856 | 4.088 | 52.861 | 0.155 |
| 6/7/2007 8:54 | 119.246 | 4.087 | 52.915 | 0.154 |
| 6/7/2007 8:54 | 119.581 | 4.088 | 52.879 | 0.155 |
| 6/7/2007 8:54 | 119.977 | 4.087 | 52.861 | 0.152 |
| 6/7/2007 8:54 | 120.367 | 4.087 | 52.915 | 0.154 |
| 6/7/2007 8:54 | 120.702 | 4.088 | 52.879 | 0.155 |
| 6/7/2007 8:54 | 121.092 | 4.089 | 52.869 | 0.158 |
| 6/7/2007 8:54 | 121.482 | 4.088 | 52.918 | 0.154 |
| 6/7/2007 8:54 | 121.819 | 4.088 | 52.879 | 0.155 |
| 6/7/2007 8:54 | 122.214 | 4.088 | 52.867 | 0.154 |
| 6/7/2007 8:54 | 122.604 | 4.087 | 52.915 | 0.152 |
| 6/7/2007 8:54 | 122.938 | 4.088 | 52.878 | 0.156 |
| 6/7/2007 8:54 | 123.328 | 4.088 | 52.861 | 0.155 |
| 6/7/2007 8:54 | 123.718 | 4.087 | 52.915 | 0.152 |
| 6/7/2007 8:54 | 124.055 | 4.086 | 52.881 | 0.151 |
| 6/7/2007 8:54 | 124.449 | 4.089 | 52.865 | 0.157 |
| 6/7/2007 8:54 | 124.838 | 4.088 | 52.919 | 0.155 |
| 6/7/2007 8:54 | 125.172 | 4.088 | 52.884 | 0.155 |
| 6/7/2007 8:54 | 125.563 | 4.089 | 52.865 | 0.158 |
| 6/7/2007 8:55 | 125.953 | 4.089 | 52.916 | 0.158 |
| 6/7/2007 8:55 | 126.288 | 4.088 | 52.888 | 0.156 |
| 6/7/2007 8:55 | 126.683 | 4.088 | 52.868 | 0.155 |
| 6/7/2007 8:55 | 127.072 | 4.088 | 52.924 | 0.155 |
| 6/7/2007 8:55 | 127.407 | 4.091 | 52.881 | 0.161 |
| 6/7/2007 8:55 | 127.797 | 4.089 | 52.865 | 0.158 |
| 6/7/2007 8:55 | 128.187 | 4.089 | 52.923 | 0.156 |
| 6/7/2007 8:55 | 128.524 | 4.088 | 52.884 | 0.155 |
| 6/7/2007 8:55 | 128.915 | 4.089 | 52.872 | 0.157 |

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|               |         |       |        |       |
|---------------|---------|-------|--------|-------|
| 6/7/2007 8:55 | 129.305 | 4.089 | 52.924 | 0.157 |
| 6/7/2007 8:55 | 129.639 | 4.089 | 52.882 | 0.158 |
| 6/7/2007 8:55 | 130.034 | 4.09  | 52.873 | 0.16  |
| 6/7/2007 8:55 | 130.425 | 4.089 | 52.919 | 0.157 |
| 6/7/2007 8:55 | 130.759 | 4.089 | 52.884 | 0.158 |
| 6/7/2007 8:55 | 131.15  | 4.089 | 52.872 | 0.158 |
| 6/7/2007 8:55 | 131.54  | 4.088 | 52.922 | 0.155 |
| 6/7/2007 8:55 | 131.875 | 4.089 | 52.885 | 0.157 |
| 6/7/2007 8:55 | 132.269 | 4.088 | 52.873 | 0.156 |
| 6/7/2007 8:55 | 132.66  | 4.087 | 52.923 | 0.154 |
| 6/7/2007 8:55 | 132.996 | 4.088 | 52.886 | 0.156 |
| 6/7/2007 8:55 | 133.386 | 4.089 | 52.871 | 0.157 |
| 6/7/2007 8:55 | 133.776 | 4.09  | 52.924 | 0.159 |
| 6/7/2007 8:55 | 134.111 | 4.089 | 52.891 | 0.158 |
| 6/7/2007 8:55 | 134.506 | 4.09  | 52.872 | 0.159 |
| 6/7/2007 8:55 | 134.898 | 4.087 | 52.923 | 0.153 |
| 6/7/2007 8:55 | 135.232 | 4.088 | 52.887 | 0.154 |
| 6/7/2007 8:55 | 135.622 | 4.088 | 52.872 | 0.155 |
| 6/7/2007 8:55 | 136.011 | 4.089 | 52.925 | 0.157 |
| 6/7/2007 8:55 | 136.347 | 4.087 | 52.885 | 0.153 |
| 6/7/2007 8:55 | 136.741 | 4.088 | 52.871 | 0.156 |
| 6/7/2007 8:55 | 137.132 | 4.088 | 52.919 | 0.156 |
| 6/7/2007 8:55 | 137.467 | 4.089 | 52.89  | 0.158 |
| 6/7/2007 8:55 | 137.859 | 4.088 | 52.872 | 0.154 |
| 6/7/2007 8:55 | 138.248 | 4.089 | 52.924 | 0.158 |
| 6/7/2007 8:55 | 138.585 | 4.09  | 52.885 | 0.159 |
| 6/7/2007 8:55 | 138.978 | 4.088 | 52.873 | 0.154 |
| 6/7/2007 8:55 | 139.368 | 4.087 | 52.927 | 0.152 |
| 6/7/2007 8:55 | 139.702 | 4.088 | 52.89  | 0.155 |
| 6/7/2007 8:55 | 140.092 | 4.088 | 52.876 | 0.156 |
| 6/7/2007 8:55 | 140.482 | 4.089 | 52.921 | 0.156 |
| 6/7/2007 8:55 | 140.817 | 4.088 | 52.895 | 0.156 |
| 6/7/2007 8:55 | 141.213 | 4.089 | 52.872 | 0.157 |
| 6/7/2007 8:55 | 141.602 | 4.087 | 52.925 | 0.153 |
| 6/7/2007 8:55 | 141.939 | 4.092 | 52.891 | 0.164 |
| 6/7/2007 8:55 | 142.331 | 4.088 | 52.875 | 0.155 |
| 6/7/2007 8:55 | 142.722 | 4.088 | 52.921 | 0.155 |
| 6/7/2007 8:55 | 143.056 | 4.089 | 52.887 | 0.157 |
| 6/7/2007 8:55 | 143.447 | 4.089 | 52.875 | 0.158 |
| 6/7/2007 8:55 | 143.837 | 4.089 | 52.929 | 0.157 |
| 6/7/2007 8:55 | 144.172 | 4.088 | 52.893 | 0.156 |
| 6/7/2007 8:55 | 144.565 | 4.088 | 52.874 | 0.154 |
| 6/7/2007 8:55 | 144.956 | 4.088 | 52.93  | 0.156 |
| 6/7/2007 8:55 | 145.29  | 4.088 | 52.889 | 0.155 |
| 6/7/2007 8:55 | 145.681 | 4.089 | 52.879 | 0.158 |
| 6/7/2007 8:55 | 146.071 | 4.089 | 52.93  | 0.158 |
| 6/7/2007 8:55 | 146.406 | 4.09  | 52.896 | 0.159 |
| 6/7/2007 8:55 | 146.801 | 4.089 | 52.873 | 0.157 |
| 6/7/2007 8:55 | 147.192 | 4.089 | 52.93  | 0.157 |
| 6/7/2007 8:55 | 147.526 | 4.089 | 52.898 | 0.158 |
| 6/7/2007 8:55 | 147.917 | 4.09  | 52.878 | 0.16  |
| 6/7/2007 8:55 | 148.306 | 4.091 | 52.926 | 0.161 |

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|               |         |       |        |       |
|---------------|---------|-------|--------|-------|
| 6/7/2007 8:55 | 148.64  | 4.09  | 52.896 | 0.16  |
| 6/7/2007 8:55 | 149.034 | 4.091 | 52.884 | 0.162 |
| 6/7/2007 8:55 | 149.425 | 4.089 | 52.931 | 0.158 |
| 6/7/2007 8:55 | 149.759 | 4.089 | 52.891 | 0.158 |
| 6/7/2007 8:55 | 150.15  | 4.09  | 52.878 | 0.159 |
| 6/7/2007 8:55 | 150.54  | 4.089 | 52.929 | 0.157 |
| 6/7/2007 8:55 | 150.875 | 4.09  | 52.896 | 0.16  |
| 6/7/2007 8:55 | 151.27  | 4.091 | 52.884 | 0.162 |
| 6/7/2007 8:55 | 151.661 | 4.09  | 52.929 | 0.16  |
| 6/7/2007 8:55 | 151.996 | 4.089 | 52.895 | 0.157 |
| 6/7/2007 8:55 | 152.386 | 4.089 | 52.878 | 0.158 |
| 6/7/2007 8:55 | 152.776 | 4.089 | 52.932 | 0.157 |
| 6/7/2007 8:55 | 153.11  | 4.09  | 52.893 | 0.159 |
| 6/7/2007 8:55 | 153.504 | 4.091 | 52.881 | 0.161 |
| 6/7/2007 8:55 | 153.894 | 4.089 | 52.935 | 0.157 |
| 6/7/2007 8:55 | 154.229 | 4.089 | 52.894 | 0.157 |
| 6/7/2007 8:55 | 154.619 | 4.091 | 52.882 | 0.162 |
| 6/7/2007 8:55 | 155.009 | 4.09  | 52.931 | 0.16  |
| 6/7/2007 8:55 | 155.343 | 4.09  | 52.895 | 0.159 |
| 6/7/2007 8:55 | 155.739 | 4.09  | 52.88  | 0.16  |
| 6/7/2007 8:55 | 156.129 | 4.089 | 52.931 | 0.157 |
| 6/7/2007 8:55 | 156.464 | 4.091 | 52.894 | 0.163 |
| 6/7/2007 8:55 | 156.854 | 4.091 | 52.884 | 0.163 |
| 6/7/2007 8:55 | 157.244 | 4.092 | 52.93  | 0.163 |
| 6/7/2007 8:55 | 157.578 | 4.092 | 52.895 | 0.165 |
| 6/7/2007 8:55 | 157.968 | 4.091 | 52.887 | 0.162 |
| 6/7/2007 8:55 | 158.358 | 4.09  | 52.932 | 0.16  |
| 6/7/2007 8:55 | 158.694 | 4.09  | 52.897 | 0.16  |
| 6/7/2007 8:55 | 159.088 | 4.091 | 52.878 | 0.163 |
| 6/7/2007 8:55 | 159.477 | 4.091 | 52.934 | 0.162 |
| 6/7/2007 8:55 | 159.812 | 4.09  | 52.896 | 0.159 |
| 6/7/2007 8:55 | 160.204 | 4.091 | 52.885 | 0.161 |
| 6/7/2007 8:55 | 160.594 | 4.09  | 52.937 | 0.161 |
| 6/7/2007 8:55 | 160.929 | 4.091 | 52.895 | 0.163 |
| 6/7/2007 8:55 | 161.322 | 4.091 | 52.88  | 0.162 |
| 6/7/2007 8:55 | 161.712 | 4.092 | 52.94  | 0.164 |
| 6/7/2007 8:55 | 162.047 | 4.092 | 52.896 | 0.164 |
| 6/7/2007 8:55 | 162.437 | 4.091 | 52.884 | 0.161 |
| 6/7/2007 8:55 | 162.828 | 4.091 | 52.935 | 0.162 |
| 6/7/2007 8:55 | 163.163 | 4.089 | 52.902 | 0.158 |
| 6/7/2007 8:55 | 163.557 | 4.09  | 52.885 | 0.161 |
| 6/7/2007 8:55 | 163.947 | 4.091 | 52.935 | 0.161 |
| 6/7/2007 8:55 | 164.281 | 4.091 | 52.897 | 0.163 |
| 6/7/2007 8:55 | 164.674 | 4.091 | 52.884 | 0.162 |
| 6/7/2007 8:55 | 165.064 | 4.092 | 52.935 | 0.164 |
| 6/7/2007 8:55 | 165.398 | 4.091 | 52.899 | 0.162 |
| 6/7/2007 8:55 | 165.792 | 4.091 | 52.889 | 0.162 |
| 6/7/2007 8:55 | 166.181 | 4.091 | 52.936 | 0.163 |
| 6/7/2007 8:55 | 166.515 | 4.091 | 52.899 | 0.163 |
| 6/7/2007 8:55 | 166.906 | 4.09  | 52.881 | 0.16  |
| 6/7/2007 8:55 | 167.298 | 4.091 | 52.934 | 0.162 |
| 6/7/2007 8:55 | 167.633 | 4.092 | 52.898 | 0.164 |

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|               |         |       |        |       |
|---------------|---------|-------|--------|-------|
| 6/7/2007 8:55 | 168.026 | 4.091 | 52.883 | 0.161 |
| 6/7/2007 8:55 | 168.415 | 4.09  | 52.939 | 0.159 |
| 6/7/2007 8:55 | 168.75  | 4.091 | 52.898 | 0.161 |
| 6/7/2007 8:55 | 169.14  | 4.091 | 52.884 | 0.162 |
| 6/7/2007 8:55 | 169.531 | 4.09  | 52.936 | 0.161 |
| 6/7/2007 8:55 | 169.866 | 4.091 | 52.909 | 0.162 |
| 6/7/2007 8:55 | 170.26  | 4.091 | 52.884 | 0.163 |
| 6/7/2007 8:55 | 170.65  | 4.092 | 52.936 | 0.164 |
| 6/7/2007 8:55 | 170.984 | 4.091 | 52.904 | 0.163 |
| 6/7/2007 8:55 | 171.375 | 4.092 | 52.889 | 0.163 |
| 6/7/2007 8:55 | 171.764 | 4.091 | 52.939 | 0.161 |
| 6/7/2007 8:55 | 172.1   | 4.09  | 52.898 | 0.16  |
| 6/7/2007 8:55 | 172.491 | 4.09  | 52.915 | 0.159 |
| 6/7/2007 8:55 | 172.695 | 4.092 | 52.896 | 0.163 |
| 6/7/2007 8:55 | 173.085 | 4.092 | 52.943 | 0.164 |
| 6/7/2007 8:55 | 173.419 | 4.09  | 52.908 | 0.161 |
| 6/7/2007 8:55 | 173.811 | 4.092 | 52.891 | 0.164 |
| 6/7/2007 8:55 | 174.201 | 4.092 | 52.943 | 0.165 |
| 6/7/2007 8:55 | 180     | 4.092 | 52.733 | 0.165 |
| 6/7/2007 8:56 | 240     | 4.095 | 52.525 | 0.171 |
| 6/7/2007 8:57 | 300     | 4.095 | 52.442 | 0.171 |
| 6/7/2007 8:58 | 360     | 4.093 | 52.399 | 0.167 |
| 6/7/2007 8:59 | 420     | 4.092 | 52.404 | 0.165 |
| 6/7/2007 9:00 | 480     | 4.093 | 52.543 | 0.167 |
| 6/7/2007 9:01 | 540     | 4.094 | 52.536 | 0.17  |
| 6/7/2007 9:02 | 600.166 | 4.093 | 52.533 | 0.167 |
| 6/7/2007 9:03 | 660     | 4.095 | 52.561 | 0.171 |
| 6/7/2007 9:04 | 720     | 4.095 | 52.572 | 0.172 |
| 6/7/2007 9:05 | 780     | 4.094 | 52.489 | 0.168 |
| 6/7/2007 9:06 | 840     | 4.097 | 52.408 | 0.176 |
| 6/7/2007 9:07 | 900     | 4.097 | 52.368 | 0.175 |
| 6/7/2007 9:08 | 960     | 4.096 | 52.357 | 0.173 |
| 6/7/2007 9:09 | 1020    | 4.098 | 52.361 | 0.179 |
| 6/7/2007 9:10 | 1080    | 4.096 | 52.372 | 0.175 |
| 6/7/2007 9:11 | 1140    | 4.095 | 52.375 | 0.17  |
| 6/7/2007 9:12 | 1200    | 4.099 | 52.377 | 0.18  |

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## Raw Test Data for MW-395 S Falling Head

Report Date: 6/17/2007 7:01  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name mw395ss 2007-06-07 10.15.20.wsl  
Create Date 6/7/2007 9:15

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | mw395ss           |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/7/2007 8:17     |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.10092 (PSI)     |
| Temperature                   | 53.9941 (F)       |
| Depth of Probe                | 9.46338 (ft)      |

Log Notes:

|               |                                                |
|---------------|------------------------------------------------|
| Date and Time | Note                                           |
| 6/7/2007 8:16 | User Note: "Level reference initialized to: 0" |
| 6/7/2007 8:17 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time | Elapsed Time<br>Seconds | Sensor: Pres 30G | Sensor: Pres 30G | Sensor: Pres 30G   |
|---------------|-------------------------|------------------|------------------|--------------------|
|               |                         | SN#: 102941      | SN#: 102941      | SN#: 102941        |
|               |                         | Pressure (PSI)   | Temperature (F)  | Level-Surface (ft) |
| 6/7/2007 8:17 | 0                       | 4.107            | 53.775           | 0.013              |
| 6/7/2007 8:17 | 0.25                    | 4.105            | 53.814           | 0.01               |
| 6/7/2007 8:17 | 0.5                     | 4.101            | 53.842           | 0.001              |
| 6/7/2007 8:17 | 0.75                    | 4.108            | 53.855           | 0.017              |
| 6/7/2007 8:17 | 1.385                   | 4.107            | 53.981           | 0.015              |
| 6/7/2007 8:17 | 1.59                    | 4.108            | 53.972           | 0.017              |
| 6/7/2007 8:17 | 1.795                   | 4.106            | 53.965           | 0.012              |
| 6/7/2007 8:17 | 1.999                   | 4.108            | 53.972           | 0.017              |
| 6/7/2007 8:17 | 2.249                   | 4.106            | 53.98            | 0.011              |
| 6/7/2007 8:17 | 2.453                   | 4.102            | 53.978           | 0.003              |
| 6/7/2007 8:17 | 2.657                   | 4.106            | 53.975           | 0.011              |
| 6/7/2007 8:17 | 2.86                    | 4.104            | 53.97            | 0.008              |
| 6/7/2007 8:17 | 3.064                   | 4.105            | 53.972           | 0.009              |
| 6/7/2007 8:17 | 3.267                   | 4.103            | 53.971           | 0.005              |
| 6/7/2007 8:17 | 3.5                     | 4.103            | 53.964           | 0.005              |
| 6/7/2007 8:17 | 3.75                    | 4.106            | 53.961           | 0.011              |
| 6/7/2007 8:17 | 4                       | 4.105            | 53.952           | 0.01               |
| 6/7/2007 8:17 | 4.25                    | 4.104            | 53.948           | 0.007              |
| 6/7/2007 8:17 | 4.5                     | 4.103            | 53.946           | 0.005              |
| 6/7/2007 8:17 | 4.75                    | 4.105            | 53.948           | 0.01               |
| 6/7/2007 8:17 | 5                       | 4.101            | 53.939           | 0.001              |
| 6/7/2007 8:17 | 5.25                    | 4.104            | 53.94            | 0.007              |
| 6/7/2007 8:17 | 5.5                     | 4.103            | 53.939           | 0.006              |
| 6/7/2007 8:17 | 5.75                    | 4.102            | 53.937           | 0.003              |
| 6/7/2007 8:17 | 6                       | 4.104            | 53.94            | 0.006              |
| 6/7/2007 8:17 | 6.25                    | 4.103            | 53.939           | 0.004              |
| 6/7/2007 8:17 | 6.5                     | 4.104            | 53.935           | 0.006              |
| 6/7/2007 8:17 | 6.75                    | 4.105            | 53.931           | 0.01               |
| 6/7/2007 8:17 | 7                       | 4.104            | 53.935           | 0.007              |
| 6/7/2007 8:17 | 7.25                    | 4.104            | 53.932           | 0.007              |
| 6/7/2007 8:17 | 7.5                     | 4.105            | 53.928           | 0.01               |
| 6/7/2007 8:17 | 7.75                    | 4.105            | 53.931           | 0.009              |
| 6/7/2007 8:17 | 8                       | 4.105            | 53.93            | 0.01               |
| 6/7/2007 8:17 | 8.251                   | 4.104            | 53.926           | 0.007              |
| 6/7/2007 8:17 | 8.501                   | 4.102            | 53.927           | 0.003              |
| 6/7/2007 8:17 | 8.751                   | 4.101            | 53.928           | 0.001              |
| 6/7/2007 8:17 | 9.001                   | 4.103            | 53.927           | 0.006              |
| 6/7/2007 8:17 | 9.251                   | 4.103            | 53.926           | 0.006              |
| 6/7/2007 8:17 | 9.501                   | 4.104            | 53.93            | 0.007              |
| 6/7/2007 8:17 | 9.751                   | 4.106            | 53.929           | 0.012              |

|               |        |       |        |       |
|---------------|--------|-------|--------|-------|
| 6/7/2007 8:17 | 10.001 | 4.104 | 53.925 | 0.008 |
| 6/7/2007 8:17 | 10.251 | 4.104 | 53.926 | 0.008 |
| 6/7/2007 8:17 | 10.501 | 4.105 | 53.923 | 0.009 |
| 6/7/2007 8:17 | 10.751 | 4.104 | 53.926 | 0.007 |
| 6/7/2007 8:17 | 11.001 | 4.104 | 53.917 | 0.007 |
| 6/7/2007 8:17 | 11.251 | 4.103 | 53.923 | 0.005 |
| 6/7/2007 8:17 | 11.501 | 4.101 | 53.922 | 0     |
| 6/7/2007 8:17 | 11.751 | 4.104 | 53.923 | 0.007 |
| 6/7/2007 8:17 | 12.001 | 4.107 | 53.923 | 0.013 |
| 6/7/2007 8:17 | 12.251 | 4.105 | 53.922 | 0.008 |
| 6/7/2007 8:17 | 12.501 | 4.103 | 53.918 | 0.005 |
| 6/7/2007 8:17 | 12.751 | 4.104 | 53.917 | 0.007 |
| 6/7/2007 8:17 | 13.001 | 4.106 | 53.919 | 0.011 |
| 6/7/2007 8:17 | 13.251 | 4.102 | 53.917 | 0.002 |
| 6/7/2007 8:17 | 13.501 | 4.105 | 53.917 | 0.008 |
| 6/7/2007 8:17 | 13.75  | 4.104 | 53.913 | 0.008 |
| 6/7/2007 8:17 | 14     | 4.103 | 53.912 | 0.004 |
| 6/7/2007 8:17 | 14.25  | 4.102 | 53.911 | 0.003 |
| 6/7/2007 8:17 | 14.5   | 4.105 | 53.915 | 0.01  |
| 6/7/2007 8:17 | 14.75  | 4.105 | 53.913 | 0.01  |
| 6/7/2007 8:17 | 15     | 4.106 | 53.903 | 0.013 |
| 6/7/2007 8:17 | 15.25  | 4.104 | 53.911 | 0.006 |
| 6/7/2007 8:17 | 15.5   | 4.103 | 53.906 | 0.005 |
| 6/7/2007 8:17 | 15.75  | 4.103 | 53.905 | 0.006 |
| 6/7/2007 8:17 | 16     | 4.102 | 53.906 | 0.002 |
| 6/7/2007 8:17 | 16.25  | 4.105 | 53.907 | 0.01  |
| 6/7/2007 8:17 | 16.5   | 4.105 | 53.9   | 0.01  |
| 6/7/2007 8:17 | 16.75  | 4.101 | 53.9   | 0     |
| 6/7/2007 8:17 | 17     | 4.105 | 53.904 | 0.01  |
| 6/7/2007 8:17 | 17.25  | 4.104 | 53.907 | 0.008 |
| 6/7/2007 8:17 | 17.5   | 4.102 | 53.902 | 0.003 |
| 6/7/2007 8:17 | 17.75  | 4.102 | 53.902 | 0.001 |
| 6/7/2007 8:17 | 18     | 4.101 | 53.9   | 0     |
| 6/7/2007 8:17 | 18.25  | 4.104 | 53.9   | 0.008 |
| 6/7/2007 8:17 | 18.5   | 4.102 | 53.898 | 0.002 |
| 6/7/2007 8:17 | 18.75  | 4.102 | 53.897 | 0.003 |
| 6/7/2007 8:17 | 19     | 4.105 | 53.9   | 0.01  |
| 6/7/2007 8:17 | 19.25  | 4.106 | 53.9   | 0.011 |
| 6/7/2007 8:17 | 19.5   | 4.101 | 53.896 | 0.001 |
| 6/7/2007 8:17 | 19.75  | 4.105 | 53.899 | 0.01  |
| 6/7/2007 8:17 | 20     | 4.101 | 53.893 | 0     |
| 6/7/2007 8:17 | 20.25  | 4.106 | 53.893 | 0.012 |
| 6/7/2007 8:17 | 20.5   | 4.101 | 53.891 | 0.001 |
| 6/7/2007 8:17 | 20.751 | 4.104 | 53.885 | 0.007 |

|               |        |       |        |        |
|---------------|--------|-------|--------|--------|
| 6/7/2007 8:17 | 21.001 | 4.112 | 53.884 | 0.026  |
| 6/7/2007 8:17 | 21.251 | 4.103 | 53.887 | 0.006  |
| 6/7/2007 8:17 | 21.501 | 4.101 | 53.885 | 0      |
| 6/7/2007 8:17 | 21.751 | 4.101 | 53.887 | -0.001 |
| 6/7/2007 8:17 | 22.001 | 4.102 | 53.888 | 0.003  |
| 6/7/2007 8:17 | 22.251 | 4.101 | 53.881 | 0.001  |
| 6/7/2007 8:17 | 22.501 | 4.106 | 53.884 | 0.011  |
| 6/7/2007 8:17 | 22.751 | 4.101 | 53.882 | 0.001  |
| 6/7/2007 8:17 | 23.001 | 4.104 | 53.88  | 0.007  |
| 6/7/2007 8:17 | 23.251 | 4.102 | 53.882 | 0.002  |
| 6/7/2007 8:17 | 23.501 | 4.104 | 53.883 | 0.007  |
| 6/7/2007 8:17 | 23.751 | 4.105 | 53.879 | 0.01   |
| 6/7/2007 8:17 | 24.001 | 4.103 | 53.877 | 0.005  |
| 6/7/2007 8:17 | 24.251 | 4.105 | 53.881 | 0.009  |
| 6/7/2007 8:17 | 24.501 | 4.102 | 53.872 | 0.002  |
| 6/7/2007 8:17 | 24.751 | 4.102 | 53.879 | 0.003  |
| 6/7/2007 8:17 | 25.001 | 4.103 | 53.875 | 0.006  |
| 6/7/2007 8:17 | 25.251 | 4.102 | 53.875 | 0.002  |
| 6/7/2007 8:17 | 25.501 | 4.104 | 53.872 | 0.006  |
| 6/7/2007 8:17 | 25.751 | 4.105 | 53.87  | 0.01   |
| 6/7/2007 8:17 | 26.001 | 4.104 | 53.87  | 0.007  |
| 6/7/2007 8:17 | 26.25  | 4.102 | 53.87  | 0.002  |
| 6/7/2007 8:17 | 26.5   | 4.105 | 53.871 | 0.008  |
| 6/7/2007 8:17 | 26.75  | 4.104 | 53.868 | 0.008  |
| 6/7/2007 8:17 | 27     | 4.101 | 53.87  | 0.001  |
| 6/7/2007 8:17 | 27.25  | 4.102 | 53.871 | 0.002  |
| 6/7/2007 8:17 | 27.5   | 4.1   | 53.867 | -0.001 |
| 6/7/2007 8:17 | 27.75  | 4.101 | 53.867 | 0.001  |
| 6/7/2007 8:17 | 28     | 4.104 | 53.862 | 0.008  |
| 6/7/2007 8:17 | 28.25  | 4.105 | 53.865 | 0.008  |
| 6/7/2007 8:17 | 28.5   | 4.103 | 53.862 | 0.004  |
| 6/7/2007 8:17 | 28.75  | 4.102 | 53.868 | 0.002  |
| 6/7/2007 8:17 | 29     | 4.101 | 53.858 | 0.001  |
| 6/7/2007 8:17 | 29.25  | 4.103 | 53.864 | 0.005  |
| 6/7/2007 8:17 | 29.5   | 4.101 | 53.856 | 0      |
| 6/7/2007 8:17 | 29.75  | 4.101 | 53.86  | 0      |
| 6/7/2007 8:17 | 30     | 4.1   | 53.86  | -0.002 |
| 6/7/2007 8:17 | 30.25  | 4.099 | 53.859 | -0.005 |
| 6/7/2007 8:17 | 30.5   | 4.102 | 53.856 | 0.003  |
| 6/7/2007 8:17 | 30.75  | 4.099 | 53.854 | -0.004 |
| 6/7/2007 8:17 | 31     | 4.103 | 53.853 | 0.006  |
| 6/7/2007 8:17 | 31.25  | 4.102 | 53.854 | 0.003  |
| 6/7/2007 8:17 | 31.5   | 4.101 | 53.854 | -0.001 |
| 6/7/2007 8:17 | 31.75  | 4.102 | 53.854 | 0.002  |

|               |        |       |        |       |
|---------------|--------|-------|--------|-------|
| 6/7/2007 8:17 | 32     | 4.105 | 53.854 | 0.008 |
| 6/7/2007 8:17 | 32.25  | 4.104 | 53.849 | 0.008 |
| 6/7/2007 8:17 | 32.5   | 4.105 | 53.851 | 0.009 |
| 6/7/2007 8:17 | 32.75  | 4.104 | 53.849 | 0.008 |
| 6/7/2007 8:17 | 33     | 4.105 | 53.846 | 0.01  |
| 6/7/2007 8:17 | 33.251 | 4.104 | 53.847 | 0.008 |
| 6/7/2007 8:17 | 33.501 | 4.104 | 53.845 | 0.008 |
| 6/7/2007 8:17 | 33.751 | 4.103 | 53.845 | 0.005 |
| 6/7/2007 8:17 | 34.001 | 4.105 | 53.847 | 0.01  |
| 6/7/2007 8:17 | 34.251 | 4.109 | 53.842 | 0.018 |
| 6/7/2007 8:17 | 34.501 | 4.111 | 53.842 | 0.023 |
| 6/7/2007 8:17 | 34.751 | 4.115 | 53.839 | 0.032 |
| 6/7/2007 8:17 | 35.001 | 4.114 | 53.839 | 0.031 |
| 6/7/2007 8:17 | 35.251 | 4.111 | 53.839 | 0.024 |
| 6/7/2007 8:17 | 35.501 | 4.112 | 53.841 | 0.027 |
| 6/7/2007 8:17 | 35.751 | 4.111 | 53.832 | 0.022 |
| 6/7/2007 8:17 | 36.001 | 4.113 | 53.833 | 0.029 |
| 6/7/2007 8:17 | 36.251 | 4.112 | 53.833 | 0.026 |
| 6/7/2007 8:17 | 36.501 | 4.11  | 53.832 | 0.02  |
| 6/7/2007 8:17 | 36.751 | 4.183 | 53.833 | 0.19  |
| 6/7/2007 8:17 | 37.001 | 4.354 | 53.836 | 0.583 |
| 6/7/2007 8:17 | 37.251 | 4.53  | 53.836 | 0.99  |
| 6/7/2007 8:17 | 37.501 | 4.59  | 53.829 | 1.129 |
| 6/7/2007 8:17 | 37.751 | 4.779 | 53.834 | 1.565 |
| 6/7/2007 8:17 | 38.001 | 4.787 | 53.827 | 1.583 |
| 6/7/2007 8:17 | 38.251 | 4.961 | 53.825 | 1.985 |
| 6/7/2007 8:17 | 38.501 | 4.865 | 53.824 | 1.764 |
| 6/7/2007 8:17 | 38.75  | 4.844 | 53.829 | 1.716 |
| 6/7/2007 8:17 | 39     | 4.875 | 53.823 | 1.788 |
| 6/7/2007 8:17 | 39.25  | 5.03  | 53.824 | 2.145 |
| 6/7/2007 8:17 | 39.5   | 4.903 | 53.829 | 1.852 |
| 6/7/2007 8:17 | 39.75  | 4.882 | 53.825 | 1.804 |
| 6/7/2007 8:17 | 40     | 4.87  | 53.826 | 1.777 |
| 6/7/2007 8:17 | 40.25  | 4.979 | 53.828 | 2.028 |
| 6/7/2007 8:17 | 40.5   | 5.198 | 53.82  | 2.534 |
| 6/7/2007 8:17 | 40.75  | 5.316 | 53.821 | 2.806 |
| 6/7/2007 8:17 | 41     | 5.353 | 53.823 | 2.891 |
| 6/7/2007 8:17 | 41.25  | 5.385 | 53.819 | 2.964 |
| 6/7/2007 8:17 | 41.5   | 5.583 | 53.822 | 3.423 |
| 6/7/2007 8:17 | 41.75  | 5.631 | 53.818 | 3.533 |
| 6/7/2007 8:17 | 42     | 5.596 | 53.817 | 3.452 |
| 6/7/2007 8:17 | 42.25  | 5.551 | 53.813 | 3.348 |
| 6/7/2007 8:17 | 42.5   | 5.716 | 53.813 | 3.73  |
| 6/7/2007 8:17 | 42.75  | 5.41  | 53.815 | 3.023 |

|               |       |       |        |       |
|---------------|-------|-------|--------|-------|
| 6/7/2007 8:17 | 43    | 5.685 | 53.816 | 3.658 |
| 6/7/2007 8:17 | 43.25 | 5.503 | 53.81  | 3.237 |
| 6/7/2007 8:17 | 43.5  | 5.145 | 53.811 | 2.41  |
| 6/7/2007 8:17 | 43.75 | 5.264 | 53.811 | 2.686 |
| 6/7/2007 8:17 | 44    | 5.581 | 53.808 | 3.419 |
| 6/7/2007 8:17 | 44.25 | 5.289 | 53.812 | 2.743 |
| 6/7/2007 8:17 | 44.5  | 5.391 | 53.806 | 2.979 |
| 6/7/2007 8:17 | 44.75 | 5.183 | 53.809 | 2.498 |
| 6/7/2007 8:17 | 45    | 5.472 | 53.805 | 3.165 |
| 6/7/2007 8:17 | 45.25 | 5.18  | 53.804 | 2.493 |
| 6/7/2007 8:17 | 45.5  | 5.287 | 53.802 | 2.738 |
| 6/7/2007 8:17 | 45.75 | 4.979 | 53.803 | 2.027 |
| 6/7/2007 8:17 | 46.02 | 4.897 | 53.797 | 1.838 |
| 6/7/2007 8:17 | 46.25 | 5.548 | 53.802 | 3.34  |
| 6/7/2007 8:17 | 46.5  | 5.269 | 53.801 | 2.697 |
| 6/7/2007 8:17 | 46.75 | 5.337 | 53.795 | 2.854 |
| 6/7/2007 8:17 | 47    | 5.247 | 53.797 | 2.647 |
| 6/7/2007 8:17 | 47.25 | 5.232 | 53.803 | 2.611 |
| 6/7/2007 8:17 | 47.5  | 5.214 | 53.794 | 2.57  |
| 6/7/2007 8:17 | 47.75 | 5.107 | 53.797 | 2.323 |
| 6/7/2007 8:17 | 48    | 4.998 | 53.791 | 2.072 |
| 6/7/2007 8:17 | 48.25 | 4.709 | 53.79  | 1.404 |
| 6/7/2007 8:17 | 48.5  | 5.158 | 53.787 | 2.44  |
| 6/7/2007 8:17 | 48.75 | 5.007 | 53.791 | 2.092 |
| 6/7/2007 8:17 | 49    | 5.034 | 53.795 | 2.154 |
| 6/7/2007 8:17 | 49.25 | 5.009 | 53.792 | 2.096 |
| 6/7/2007 8:17 | 49.5  | 4.996 | 53.788 | 2.066 |
| 6/7/2007 8:17 | 49.75 | 4.979 | 53.785 | 2.028 |
| 6/7/2007 8:17 | 50    | 4.789 | 53.78  | 1.588 |
| 6/7/2007 8:17 | 50.25 | 4.919 | 53.785 | 1.889 |
| 6/7/2007 8:17 | 50.5  | 4.767 | 53.785 | 1.537 |
| 6/7/2007 8:17 | 50.75 | 5.039 | 53.78  | 2.166 |
| 6/7/2007 8:17 | 51    | 4.747 | 53.781 | 1.491 |
| 6/7/2007 8:17 | 51.25 | 4.822 | 53.78  | 1.666 |
| 6/7/2007 8:17 | 51.5  | 4.789 | 53.785 | 1.588 |
| 6/7/2007 8:17 | 51.75 | 4.778 | 53.785 | 1.563 |
| 6/7/2007 8:17 | 52    | 4.763 | 53.779 | 1.529 |
| 6/7/2007 8:17 | 52.25 | 4.748 | 53.782 | 1.495 |
| 6/7/2007 8:18 | 52.5  | 4.73  | 53.779 | 1.452 |
| 6/7/2007 8:18 | 52.75 | 4.717 | 53.779 | 1.422 |
| 6/7/2007 8:18 | 53    | 4.704 | 53.779 | 1.393 |
| 6/7/2007 8:18 | 53.25 | 4.692 | 53.778 | 1.365 |
| 6/7/2007 8:18 | 53.5  | 4.679 | 53.775 | 1.336 |
| 6/7/2007 8:18 | 53.75 | 4.669 | 53.773 | 1.311 |

|               |        |       |        |       |
|---------------|--------|-------|--------|-------|
| 6/7/2007 8:18 | 54     | 4.655 | 53.771 | 1.279 |
| 6/7/2007 8:18 | 54.25  | 4.645 | 53.774 | 1.255 |
| 6/7/2007 8:18 | 54.5   | 4.63  | 53.772 | 1.222 |
| 6/7/2007 8:18 | 54.75  | 4.61  | 53.768 | 1.175 |
| 6/7/2007 8:18 | 55     | 4.591 | 53.766 | 1.131 |
| 6/7/2007 8:18 | 55.25  | 4.572 | 53.77  | 1.088 |
| 6/7/2007 8:18 | 55.5   | 4.557 | 53.774 | 1.054 |
| 6/7/2007 8:18 | 55.75  | 4.542 | 53.763 | 1.018 |
| 6/7/2007 8:18 | 56     | 4.524 | 53.764 | 0.977 |
| 6/7/2007 8:18 | 56.25  | 4.508 | 53.763 | 0.939 |
| 6/7/2007 8:18 | 56.5   | 4.495 | 53.766 | 0.91  |
| 6/7/2007 8:18 | 56.75  | 4.481 | 53.768 | 0.877 |
| 6/7/2007 8:18 | 57     | 4.466 | 53.762 | 0.842 |
| 6/7/2007 8:18 | 57.25  | 4.453 | 53.758 | 0.812 |
| 6/7/2007 8:18 | 57.5   | 4.439 | 53.761 | 0.782 |
| 6/7/2007 8:18 | 57.75  | 4.425 | 53.753 | 0.749 |
| 6/7/2007 8:18 | 58.001 | 4.416 | 53.76  | 0.728 |
| 6/7/2007 8:18 | 58.251 | 4.402 | 53.76  | 0.694 |
| 6/7/2007 8:18 | 58.501 | 4.39  | 53.758 | 0.669 |
| 6/7/2007 8:18 | 58.751 | 4.378 | 53.757 | 0.64  |
| 6/7/2007 8:18 | 59.001 | 4.367 | 53.757 | 0.615 |
| 6/7/2007 8:18 | 59.251 | 4.356 | 53.756 | 0.59  |
| 6/7/2007 8:18 | 59.501 | 4.345 | 53.755 | 0.563 |
| 6/7/2007 8:18 | 59.751 | 4.335 | 53.751 | 0.54  |
| 6/7/2007 8:18 | 60.001 | 4.325 | 53.75  | 0.518 |
| 6/7/2007 8:18 | 60.251 | 4.315 | 53.753 | 0.494 |
| 6/7/2007 8:18 | 60.501 | 4.306 | 53.75  | 0.474 |
| 6/7/2007 8:18 | 60.751 | 4.296 | 53.75  | 0.45  |
| 6/7/2007 8:18 | 61.001 | 4.288 | 53.745 | 0.431 |
| 6/7/2007 8:18 | 61.251 | 4.28  | 53.748 | 0.414 |
| 6/7/2007 8:18 | 61.501 | 4.27  | 53.748 | 0.39  |
| 6/7/2007 8:18 | 61.751 | 4.261 | 53.743 | 0.37  |
| 6/7/2007 8:18 | 62.001 | 4.253 | 53.749 | 0.352 |
| 6/7/2007 8:18 | 62.251 | 4.244 | 53.745 | 0.331 |
| 6/7/2007 8:18 | 62.501 | 4.238 | 53.739 | 0.316 |
| 6/7/2007 8:18 | 62.751 | 4.232 | 53.744 | 0.302 |
| 6/7/2007 8:18 | 63.001 | 4.225 | 53.746 | 0.285 |
| 6/7/2007 8:18 | 63.251 | 4.217 | 53.739 | 0.268 |
| 6/7/2007 8:18 | 63.501 | 4.211 | 53.744 | 0.255 |
| 6/7/2007 8:18 | 63.75  | 4.203 | 53.739 | 0.236 |
| 6/7/2007 8:18 | 64     | 4.197 | 53.736 | 0.222 |
| 6/7/2007 8:18 | 64.25  | 4.192 | 53.739 | 0.209 |
| 6/7/2007 8:18 | 64.5   | 4.185 | 53.739 | 0.195 |
| 6/7/2007 8:18 | 64.75  | 4.178 | 53.741 | 0.178 |

|               |        |       |        |        |
|---------------|--------|-------|--------|--------|
| 6/7/2007 8:18 | 65     | 4.174 | 53.736 | 0.169  |
| 6/7/2007 8:18 | 65.25  | 4.166 | 53.739 | 0.151  |
| 6/7/2007 8:18 | 65.5   | 4.164 | 53.734 | 0.145  |
| 6/7/2007 8:18 | 65.75  | 4.159 | 53.73  | 0.135  |
| 6/7/2007 8:18 | 66     | 4.154 | 53.728 | 0.122  |
| 6/7/2007 8:18 | 66.25  | 4.149 | 53.733 | 0.112  |
| 6/7/2007 8:18 | 66.64  | 4.143 | 53.706 | 0.096  |
| 6/7/2007 8:18 | 66.844 | 4.137 | 53.756 | 0.082  |
| 6/7/2007 8:18 | 67.178 | 4.13  | 53.711 | 0.067  |
| 6/7/2007 8:18 | 67.568 | 4.127 | 53.728 | 0.06   |
| 6/7/2007 8:18 | 67.772 | 4.124 | 53.732 | 0.054  |
| 6/7/2007 8:18 | 67.975 | 4.122 | 53.74  | 0.048  |
| 6/7/2007 8:18 | 68.18  | 4.119 | 53.739 | 0.041  |
| 6/7/2007 8:18 | 68.383 | 4.114 | 53.746 | 0.031  |
| 6/7/2007 8:18 | 68.587 | 4.109 | 53.711 | 0.018  |
| 6/7/2007 8:18 | 68.976 | 4.107 | 53.755 | 0.013  |
| 6/7/2007 8:18 | 69.312 | 4.099 | 53.715 | -0.004 |
| 6/7/2007 8:18 | 69.706 | 4.096 | 53.693 | -0.011 |
| 6/7/2007 8:18 | 70.096 | 4.091 | 53.743 | -0.022 |
| 6/7/2007 8:18 | 70.43  | 4.088 | 53.704 | -0.029 |
| 6/7/2007 8:18 | 70.821 | 4.084 | 53.686 | -0.038 |
| 6/7/2007 8:18 | 71.21  | 4.08  | 53.742 | -0.049 |
| 6/7/2007 8:18 | 71.546 | 4.08  | 53.699 | -0.049 |
| 6/7/2007 8:18 | 71.941 | 4.073 | 53.679 | -0.064 |
| 6/7/2007 8:18 | 72.332 | 4.071 | 53.734 | -0.068 |
| 6/7/2007 8:18 | 72.667 | 4.069 | 53.695 | -0.075 |
| 6/7/2007 8:18 | 73.058 | 4.065 | 53.679 | -0.084 |
| 6/7/2007 8:18 | 73.449 | 4.063 | 53.726 | -0.087 |
| 6/7/2007 8:18 | 73.784 | 4.062 | 53.692 | -0.09  |
| 6/7/2007 8:18 | 74.177 | 4.06  | 53.675 | -0.094 |
| 6/7/2007 8:18 | 74.566 | 4.057 | 53.724 | -0.102 |
| 6/7/2007 8:18 | 74.901 | 4.056 | 53.688 | -0.103 |
| 6/7/2007 8:18 | 75.293 | 4.054 | 53.672 | -0.109 |
| 6/7/2007 8:18 | 75.683 | 4.052 | 53.722 | -0.112 |
| 6/7/2007 8:18 | 76.018 | 4.05  | 53.688 | -0.118 |
| 6/7/2007 8:18 | 76.412 | 4.048 | 53.663 | -0.121 |
| 6/7/2007 8:18 | 76.803 | 4.048 | 53.721 | -0.123 |
| 6/7/2007 8:18 | 77.138 | 4.047 | 53.681 | -0.126 |
| 6/7/2007 8:18 | 77.531 | 4.044 | 53.662 | -0.132 |
| 6/7/2007 8:18 | 77.922 | 4.042 | 53.716 | -0.135 |
| 6/7/2007 8:18 | 78.256 | 4.043 | 53.676 | -0.133 |
| 6/7/2007 8:18 | 78.651 | 4.042 | 53.663 | -0.136 |
| 6/7/2007 8:18 | 79.04  | 4.041 | 53.71  | -0.139 |
| 6/7/2007 8:18 | 79.375 | 4.04  | 53.673 | -0.141 |

|               |        |       |        |        |
|---------------|--------|-------|--------|--------|
| 6/7/2007 8:18 | 79.766 | 4.038 | 53.655 | -0.145 |
| 6/7/2007 8:18 | 80.157 | 4.037 | 53.708 | -0.147 |
| 6/7/2007 8:18 | 80.491 | 4.038 | 53.671 | -0.145 |
| 6/7/2007 8:18 | 80.884 | 4.036 | 53.655 | -0.149 |
| 6/7/2007 8:18 | 81.276 | 4.036 | 53.707 | -0.15  |
| 6/7/2007 8:18 | 81.61  | 4.035 | 53.665 | -0.151 |
| 6/7/2007 8:18 | 82.002 | 4.035 | 53.651 | -0.152 |
| 6/7/2007 8:18 | 82.392 | 4.035 | 53.706 | -0.153 |
| 6/7/2007 8:18 | 82.726 | 4.034 | 53.662 | -0.154 |
| 6/7/2007 8:18 | 83.117 | 4.033 | 53.651 | -0.158 |
| 6/7/2007 8:18 | 83.506 | 4.033 | 53.699 | -0.156 |
| 6/7/2007 8:18 | 83.842 | 4.033 | 53.668 | -0.158 |
| 6/7/2007 8:18 | 84.238 | 4.032 | 53.647 | -0.159 |
| 6/7/2007 8:18 | 84.627 | 4.032 | 53.698 | -0.16  |
| 6/7/2007 8:18 | 84.962 | 4.031 | 53.656 | -0.161 |
| 6/7/2007 8:18 | 85.352 | 4.031 | 53.645 | -0.162 |
| 6/7/2007 8:18 | 85.743 | 4.031 | 53.697 | -0.16  |
| 6/7/2007 8:18 | 86.078 | 4.031 | 53.66  | -0.162 |
| 6/7/2007 8:18 | 86.473 | 4.03  | 53.644 | -0.164 |
| 6/7/2007 8:18 | 86.862 | 4.03  | 53.694 | -0.164 |
| 6/7/2007 8:18 | 87.197 | 4.029 | 53.654 | -0.167 |
| 6/7/2007 8:18 | 87.587 | 4.031 | 53.641 | -0.162 |
| 6/7/2007 8:18 | 87.977 | 4.029 | 53.693 | -0.166 |
| 6/7/2007 8:18 | 88.313 | 4.03  | 53.652 | -0.164 |
| 6/7/2007 8:18 | 88.707 | 4.028 | 53.636 | -0.168 |
| 6/7/2007 8:18 | 89.097 | 4.028 | 53.691 | -0.168 |
| 6/7/2007 8:18 | 89.431 | 4.03  | 53.654 | -0.164 |
| 6/7/2007 8:18 | 89.822 | 4.028 | 53.635 | -0.169 |
| 6/7/2007 8:18 | 90.213 | 4.027 | 53.685 | -0.17  |
| 6/7/2007 8:18 | 90.547 | 4.028 | 53.646 | -0.169 |
| 6/7/2007 8:18 | 90.942 | 4.028 | 53.631 | -0.169 |
| 6/7/2007 8:18 | 91.331 | 4.027 | 53.682 | -0.17  |
| 6/7/2007 8:18 | 91.665 | 4.027 | 53.642 | -0.171 |
| 6/7/2007 8:18 | 92.056 | 4.028 | 53.631 | -0.169 |
| 6/7/2007 8:18 | 92.446 | 4.027 | 53.681 | -0.171 |
| 6/7/2007 8:18 | 92.781 | 4.028 | 53.652 | -0.168 |
| 6/7/2007 8:18 | 93.177 | 4.026 | 53.625 | -0.172 |
| 6/7/2007 8:18 | 93.566 | 4.027 | 53.676 | -0.171 |
| 6/7/2007 8:18 | 93.901 | 4.027 | 53.641 | -0.17  |
| 6/7/2007 8:18 | 94.293 | 4.028 | 53.625 | -0.169 |
| 6/7/2007 8:18 | 94.683 | 4.027 | 53.675 | -0.171 |
| 6/7/2007 8:18 | 95.019 | 4.026 | 53.641 | -0.173 |
| 6/7/2007 8:18 | 95.413 | 4.026 | 53.621 | -0.173 |
| 6/7/2007 8:18 | 95.803 | 4.025 | 53.676 | -0.176 |

|               |         |       |        |        |
|---------------|---------|-------|--------|--------|
| 6/7/2007 8:18 | 96.139  | 4.028 | 53.636 | -0.168 |
| 6/7/2007 8:18 | 96.531  | 4.028 | 53.619 | -0.168 |
| 6/7/2007 8:18 | 96.922  | 4.025 | 53.671 | -0.175 |
| 6/7/2007 8:18 | 97.256  | 4.025 | 53.629 | -0.175 |
| 6/7/2007 8:18 | 97.646  | 4.026 | 53.616 | -0.173 |
| 6/7/2007 8:18 | 98.036  | 4.025 | 53.671 | -0.175 |
| 6/7/2007 8:18 | 98.371  | 4.027 | 53.634 | -0.171 |
| 6/7/2007 8:18 | 98.767  | 4.027 | 53.612 | -0.171 |
| 6/7/2007 8:18 | 99.157  | 4.027 | 53.666 | -0.171 |
| 6/7/2007 8:18 | 99.492  | 4.027 | 53.625 | -0.171 |
| 6/7/2007 8:18 | 99.882  | 4.026 | 53.614 | -0.174 |
| 6/7/2007 8:18 | 100.272 | 4.025 | 53.661 | -0.175 |
| 6/7/2007 8:18 | 100.607 | 4.026 | 53.631 | -0.174 |
| 6/7/2007 8:18 | 101.003 | 4.026 | 53.61  | -0.174 |
| 6/7/2007 8:18 | 101.393 | 4.026 | 53.659 | -0.174 |
| 6/7/2007 8:18 | 101.727 | 4.026 | 53.625 | -0.173 |
| 6/7/2007 8:18 | 102.118 | 4.026 | 53.602 | -0.173 |
| 6/7/2007 8:18 | 102.507 | 4.026 | 53.658 | -0.174 |
| 6/7/2007 8:18 | 102.843 | 4.026 | 53.623 | -0.172 |
| 6/7/2007 8:18 | 103.234 | 4.026 | 53.609 | -0.173 |
| 6/7/2007 8:18 | 103.625 | 4.025 | 53.656 | -0.174 |
| 6/7/2007 8:18 | 103.96  | 4.025 | 53.621 | -0.175 |
| 6/7/2007 8:18 | 104.351 | 4.026 | 53.606 | -0.173 |
| 6/7/2007 8:18 | 104.741 | 4.026 | 53.655 | -0.174 |
| 6/7/2007 8:18 | 105.076 | 4.027 | 53.614 | -0.171 |
| 6/7/2007 8:18 | 105.472 | 4.026 | 53.602 | -0.173 |
| 6/7/2007 8:18 | 105.862 | 4.026 | 53.654 | -0.174 |
| 6/7/2007 8:18 | 106.196 | 4.025 | 53.617 | -0.175 |
| 6/7/2007 8:18 | 106.587 | 4.025 | 53.602 | -0.175 |
| 6/7/2007 8:18 | 106.976 | 4.025 | 53.651 | -0.176 |
| 6/7/2007 8:18 | 107.312 | 4.024 | 53.617 | -0.177 |
| 6/7/2007 8:18 | 107.707 | 4.025 | 53.597 | -0.175 |
| 6/7/2007 8:18 | 108.097 | 4.025 | 53.655 | -0.175 |
| 6/7/2007 8:18 | 108.433 | 4.024 | 53.609 | -0.177 |
| 6/7/2007 8:18 | 108.824 | 4.024 | 53.597 | -0.177 |
| 6/7/2007 8:18 | 109.215 | 4.026 | 53.652 | -0.173 |
| 6/7/2007 8:18 | 109.549 | 4.025 | 53.609 | -0.175 |
| 6/7/2007 8:18 | 109.942 | 4.025 | 53.591 | -0.176 |
| 6/7/2007 8:18 | 110.332 | 4.025 | 53.642 | -0.176 |
| 6/7/2007 8:18 | 110.667 | 4.028 | 53.608 | -0.169 |
| 6/7/2007 8:18 | 111.058 | 4.025 | 53.592 | -0.176 |
| 6/7/2007 8:18 | 111.449 | 4.025 | 53.646 | -0.175 |
| 6/7/2007 8:18 | 111.784 | 4.024 | 53.606 | -0.178 |
| 6/7/2007 8:18 | 112.174 | 4.025 | 53.591 | -0.175 |

|               |         |       |        |        |
|---------------|---------|-------|--------|--------|
| 6/7/2007 8:19 | 112.564 | 4.025 | 53.637 | -0.175 |
| 6/7/2007 8:19 | 112.901 | 4.025 | 53.602 | -0.176 |
| 6/7/2007 8:19 | 113.295 | 4.025 | 53.589 | -0.176 |
| 6/7/2007 8:19 | 113.686 | 4.025 | 53.638 | -0.176 |
| 6/7/2007 8:19 | 114.02  | 4.025 | 53.601 | -0.176 |
| 6/7/2007 8:19 | 114.411 | 4.025 | 53.584 | -0.176 |
| 6/7/2007 8:19 | 114.8   | 4.025 | 53.636 | -0.175 |
| 6/7/2007 8:19 | 115.134 | 4.024 | 53.601 | -0.177 |
| 6/7/2007 8:19 | 115.535 | 4.024 | 53.583 | -0.177 |
| 6/7/2007 8:19 | 115.924 | 4.024 | 53.635 | -0.178 |
| 6/7/2007 8:19 | 116.258 | 4.025 | 53.598 | -0.175 |
| 6/7/2007 8:19 | 116.649 | 4.026 | 53.583 | -0.174 |
| 6/7/2007 8:19 | 117.038 | 4.022 | 53.633 | -0.182 |
| 6/7/2007 8:19 | 117.375 | 4.024 | 53.595 | -0.178 |
| 6/7/2007 8:19 | 117.77  | 4.025 | 53.578 | -0.176 |
| 6/7/2007 8:19 | 118.159 | 4.023 | 53.627 | -0.18  |
| 6/7/2007 8:19 | 118.494 | 4.024 | 53.59  | -0.178 |
| 6/7/2007 8:19 | 118.885 | 4.022 | 53.579 | -0.182 |
| 6/7/2007 8:19 | 119.275 | 4.024 | 53.631 | -0.178 |
| 6/7/2007 8:19 | 119.609 | 4.023 | 53.59  | -0.18  |
| 6/7/2007 8:19 | 120.003 | 4.024 | 53.576 | -0.177 |
| 6/7/2007 8:19 | 120.393 | 4.023 | 53.625 | -0.179 |
| 6/7/2007 8:19 | 120.727 | 4.024 | 53.582 | -0.178 |
| 6/7/2007 8:19 | 121.118 | 4.025 | 53.576 | -0.176 |
| 6/7/2007 8:19 | 121.507 | 4.024 | 53.625 | -0.178 |
| 6/7/2007 8:19 | 121.843 | 4.025 | 53.59  | -0.176 |
| 6/7/2007 8:19 | 122.239 | 4.026 | 53.573 | -0.173 |
| 6/7/2007 8:19 | 122.628 | 4.024 | 53.626 | -0.177 |
| 6/7/2007 8:19 | 122.962 | 4.025 | 53.585 | -0.176 |
| 6/7/2007 8:19 | 123.353 | 4.025 | 53.571 | -0.175 |
| 6/7/2007 8:19 | 123.743 | 4.024 | 53.625 | -0.177 |
| 6/7/2007 8:19 | 124.078 | 4.025 | 53.586 | -0.175 |
| 6/7/2007 8:19 | 124.473 | 4.025 | 53.573 | -0.175 |
| 6/7/2007 8:19 | 124.862 | 4.025 | 53.624 | -0.175 |
| 6/7/2007 8:19 | 125.197 | 4.027 | 53.583 | -0.171 |
| 6/7/2007 8:19 | 125.588 | 4.025 | 53.562 | -0.174 |
| 6/7/2007 8:19 | 125.978 | 4.025 | 53.619 | -0.176 |
| 6/7/2007 8:19 | 126.313 | 4.025 | 53.58  | -0.175 |
| 6/7/2007 8:19 | 126.705 | 4.024 | 53.565 | -0.177 |
| 6/7/2007 8:19 | 127.095 | 4.026 | 53.619 | -0.173 |
| 6/7/2007 8:19 | 127.429 | 4.026 | 53.587 | -0.173 |
| 6/7/2007 8:19 | 127.825 | 4.027 | 53.568 | -0.171 |
| 6/7/2007 8:19 | 128.216 | 4.024 | 53.619 | -0.178 |
| 6/7/2007 8:19 | 128.551 | 4.025 | 53.576 | -0.174 |

|               |         |       |        |        |
|---------------|---------|-------|--------|--------|
| 6/7/2007 8:19 | 128.941 | 4.025 | 53.563 | -0.175 |
| 6/7/2007 8:19 | 129.331 | 4.023 | 53.62  | -0.179 |
| 6/7/2007 8:19 | 129.665 | 4.024 | 53.58  | -0.178 |
| 6/7/2007 8:19 | 130.06  | 4.024 | 53.56  | -0.179 |
| 6/7/2007 8:19 | 130.45  | 4.024 | 53.612 | -0.178 |
| 6/7/2007 8:19 | 130.785 | 4.024 | 53.576 | -0.178 |
| 6/7/2007 8:19 | 131.176 | 4.025 | 53.556 | -0.176 |
| 6/7/2007 8:19 | 131.566 | 4.024 | 53.611 | -0.176 |
| 6/7/2007 8:19 | 131.9   | 4.026 | 53.573 | -0.173 |
| 6/7/2007 8:19 | 132.295 | 4.025 | 53.556 | -0.176 |
| 6/7/2007 8:19 | 132.685 | 4.025 | 53.613 | -0.176 |
| 6/7/2007 8:19 | 133.02  | 4.026 | 53.568 | -0.173 |
| 6/7/2007 8:19 | 133.41  | 4.025 | 53.56  | -0.174 |
| 6/7/2007 8:19 | 133.8   | 4.026 | 53.614 | -0.173 |
| 6/7/2007 8:19 | 134.134 | 4.025 | 53.568 | -0.175 |
| 6/7/2007 8:19 | 134.535 | 4.025 | 53.552 | -0.174 |
| 6/7/2007 8:19 | 134.924 | 4.025 | 53.6   | -0.176 |
| 6/7/2007 8:19 | 135.258 | 4.026 | 53.562 | -0.174 |
| 6/7/2007 8:19 | 135.651 | 4.026 | 53.551 | -0.173 |
| 6/7/2007 8:19 | 136.04  | 4.026 | 53.599 | -0.173 |
| 6/7/2007 8:19 | 136.375 | 4.026 | 53.565 | -0.173 |
| 6/7/2007 8:19 | 136.769 | 4.026 | 53.55  | -0.174 |
| 6/7/2007 8:19 | 137.159 | 4.026 | 53.602 | -0.173 |
| 6/7/2007 8:19 | 137.494 | 4.025 | 53.564 | -0.175 |
| 6/7/2007 8:19 | 137.884 | 4.027 | 53.553 | -0.171 |
| 6/7/2007 8:19 | 138.274 | 4.025 | 53.599 | -0.175 |
| 6/7/2007 8:19 | 138.609 | 4.026 | 53.558 | -0.173 |
| 6/7/2007 8:19 | 139.001 | 4.025 | 53.581 | -0.176 |
| 6/7/2007 8:19 | 139.205 | 4.024 | 53.585 | -0.176 |
| 6/7/2007 8:19 | 139.409 | 4.025 | 53.553 | -0.175 |
| 6/7/2007 8:19 | 139.798 | 4.025 | 53.602 | -0.175 |
| 6/7/2007 8:19 | 140.135 | 4.024 | 53.561 | -0.177 |
| 6/7/2007 8:19 | 140.536 | 4.025 | 53.545 | -0.174 |
| 6/7/2007 8:19 | 140.926 | 4.026 | 53.599 | -0.173 |
| 6/7/2007 8:19 | 141.26  | 4.026 | 53.559 | -0.173 |
| 6/7/2007 8:19 | 141.847 | 4.024 | 53.539 | -0.178 |
| 6/7/2007 8:19 | 142.053 | 4.025 | 53.562 | -0.175 |
| 6/7/2007 8:19 | 142.256 | 4.025 | 53.572 | -0.175 |
| 6/7/2007 8:19 | 142.46  | 4.024 | 53.58  | -0.178 |
| 6/7/2007 8:19 | 142.663 | 4.026 | 53.618 | -0.174 |
| 6/7/2007 8:19 | 142.999 | 4.025 | 53.569 | -0.176 |
| 6/7/2007 8:19 | 143.391 | 4.025 | 53.581 | -0.176 |
| 6/7/2007 8:19 | 143.781 | 4.023 | 53.556 | -0.179 |
| 6/7/2007 8:19 | 143.986 | 4.023 | 53.602 | -0.179 |

|               |         |       |        |        |
|---------------|---------|-------|--------|--------|
| 6/7/2007 8:19 | 144.321 | 4.025 | 53.561 | -0.175 |
| 6/7/2007 8:20 | 180     | 4.026 | 53.288 | -0.172 |
| 6/7/2007 8:21 | 240     | 4.025 | 53.092 | -0.176 |
| 6/7/2007 8:22 | 300     | 4.025 | 52.918 | -0.176 |
| 6/7/2007 8:23 | 360     | 4.024 | 52.832 | -0.177 |
| 6/7/2007 8:24 | 420     | 4.026 | 52.767 | -0.173 |
| 6/7/2007 8:25 | 480     | 4.025 | 52.725 | -0.175 |
| 6/7/2007 8:26 | 540     | 4.024 | 52.687 | -0.177 |
| 6/7/2007 8:27 | 600     | 4.024 | 52.662 | -0.177 |
| 6/7/2007 8:28 | 660     | 4.024 | 52.639 | -0.177 |
| 6/7/2007 8:29 | 720     | 4.024 | 52.619 | -0.177 |
| 6/7/2007 8:30 | 780     | 4.027 | 52.601 | -0.172 |
| 6/7/2007 8:31 | 840     | 4.025 | 52.585 | -0.174 |
| 6/7/2007 8:32 | 900     | 4.025 | 52.581 | -0.174 |
| 6/7/2007 8:33 | 960     | 4.024 | 52.561 | -0.177 |
| 6/7/2007 8:34 | 1020    | 4.025 | 52.552 | -0.175 |
| 6/7/2007 8:35 | 1080    | 4.025 | 52.539 | -0.176 |
| 6/7/2007 8:36 | 1140    | 4.025 | 52.535 | -0.175 |
| 6/7/2007 8:37 | 1200    | 4.025 | 52.526 | -0.175 |
| 6/7/2007 8:38 | 1260    | 4.026 | 52.51  | -0.172 |
| 6/7/2007 8:39 | 1320    | 4.024 | 52.507 | -0.178 |

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## Raw Test Data for P-382 S Rising Head

Report Date: 6/26/2007 11:12  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p382s bail 2007-06-20 15.13.04.wsl  
Create Date 6/20/2007 14:12

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p382s bail        |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/20/2007 13:49   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 3.58833 (PSI)     |
| Temperature                   | 53.0391 (F)       |
| Depth of Probe                | 8.28726 (ft)      |

Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/20/2007 13:49 | User Note: "Level reference initialized to: 0" |
| 6/20/2007 13:49 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/20/2007 13:49 | 0                       | 3.591                           | 52.253                          | 0.005                           |
| 6/20/2007 13:49 | 0.251                   | 3.588                           | 52.285                          | 0                               |
| 6/20/2007 13:49 | 0.501                   | 3.588                           | 52.307                          | 0                               |
| 6/20/2007 13:49 | 0.753                   | 3.588                           | 52.322                          | -0.001                          |
| 6/20/2007 13:49 | 1.001                   | 3.589                           | 52.332                          | 0.002                           |
| 6/20/2007 13:49 | 1.251                   | 3.589                           | 52.341                          | 0.002                           |
| 6/20/2007 13:49 | 1.501                   | 3.587                           | 52.346                          | -0.002                          |
| 6/20/2007 13:49 | 1.751                   | 3.588                           | 52.352                          | 0                               |
| 6/20/2007 13:49 | 2.001                   | 3.59                            | 52.35                           | 0.003                           |
| 6/20/2007 13:49 | 2.251                   | 3.588                           | 52.357                          | 0                               |
| 6/20/2007 13:49 | 2.501                   | 3.588                           | 52.36                           | 0                               |
| 6/20/2007 13:49 | 2.751                   | 3.588                           | 52.356                          | 0                               |
| 6/20/2007 13:49 | 3.001                   | 3.588                           | 52.362                          | -0.002                          |
| 6/20/2007 13:49 | 3.251                   | 3.588                           | 52.362                          | 0                               |
| 6/20/2007 13:49 | 3.916                   | 3.59                            | 52.304                          | 0.004                           |
| 6/20/2007 13:49 | 4.123                   | 3.59                            | 52.326                          | 0.003                           |
| 6/20/2007 13:49 | 4.328                   | 3.589                           | 52.34                           | 0.001                           |
| 6/20/2007 13:49 | 4.534                   | 3.588                           | 52.349                          | -0.001                          |
| 6/20/2007 13:49 | 4.74                    | 3.587                           | 52.357                          | -0.003                          |
| 6/20/2007 13:49 | 4.948                   | 3.588                           | 52.362                          | 0                               |
| 6/20/2007 13:49 | 5.155                   | 3.586                           | 52.365                          | -0.006                          |
| 6/20/2007 13:49 | 5.361                   | 3.588                           | 52.371                          | -0.002                          |
| 6/20/2007 13:49 | 5.567                   | 3.588                           | 52.368                          | 0                               |
| 6/20/2007 13:49 | 5.773                   | 3.588                           | 52.37                           | -0.001                          |
| 6/20/2007 13:49 | 6.417                   | 3.59                            | 52.296                          | 0.003                           |
| 6/20/2007 13:49 | 6.623                   | 3.59                            | 52.318                          | 0.005                           |
| 6/20/2007 13:49 | 6.828                   | 3.591                           | 52.329                          | 0.006                           |
| 6/20/2007 13:49 | 7.034                   | 3.588                           | 52.339                          | -0.001                          |
| 6/20/2007 13:49 | 7.241                   | 3.587                           | 52.342                          | -0.004                          |
| 6/20/2007 13:49 | 7.449                   | 3.587                           | 52.349                          | -0.003                          |
| 6/20/2007 13:50 | 7.656                   | 3.588                           | 52.347                          | 0                               |
| 6/20/2007 13:50 | 7.863                   | 3.587                           | 52.349                          | -0.002                          |
| 6/20/2007 13:50 | 8.069                   | 3.587                           | 52.348                          | -0.003                          |
| 6/20/2007 13:50 | 8.276                   | 3.588                           | 52.351                          | -0.001                          |
| 6/20/2007 13:50 | 8.932                   | 3.591                           | 52.272                          | 0.006                           |
| 6/20/2007 13:50 | 9.138                   | 3.589                           | 52.293                          | 0                               |
| 6/20/2007 13:50 | 9.343                   | 3.588                           | 52.307                          | 0                               |
| 6/20/2007 13:50 | 9.548                   | 3.587                           | 52.316                          | -0.002                          |
| 6/20/2007 13:50 | 9.755                   | 3.587                           | 52.324                          | -0.004                          |
| 6/20/2007 13:50 | 9.962                   | 3.587                           | 52.325                          | -0.002                          |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/20/2007 13:50 | 10.17  | 3.586 | 52.327 | -0.005 |
| 6/20/2007 13:50 | 10.377 | 3.587 | 52.327 | -0.002 |
| 6/20/2007 13:50 | 10.583 | 3.587 | 52.329 | -0.004 |
| 6/20/2007 13:50 | 10.789 | 3.587 | 52.326 | -0.004 |
| 6/20/2007 13:50 | 11.403 | 3.59  | 52.256 | 0.004  |
| 6/20/2007 13:50 | 11.609 | 3.589 | 52.272 | 0.001  |
| 6/20/2007 13:50 | 11.814 | 3.588 | 52.287 | 0      |
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| 6/20/2007 13:51 | 90.261  | 3.269 | 51.576 | -0.737 |
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| 6/20/2007 13:51 | 102.189 | 3.276 | 51.504 | -0.721 |
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| 6/20/2007 13:51 | 104.086 | 3.276 | 51.527 | -0.721 |

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| 6/20/2007 13:51 | 104.813 | 3.277 | 51.471 | -0.719 |
| 6/20/2007 13:51 | 105.204 | 3.277 | 51.521 | -0.718 |
| 6/20/2007 13:51 | 105.538 | 3.276 | 51.486 | -0.72  |
| 6/20/2007 13:51 | 105.93  | 3.276 | 51.466 | -0.721 |
| 6/20/2007 13:51 | 106.321 | 3.277 | 51.521 | -0.719 |
| 6/20/2007 13:51 | 106.656 | 3.279 | 51.477 | -0.714 |
| 6/20/2007 13:51 | 107.048 | 3.278 | 51.458 | -0.716 |
| 6/20/2007 13:51 | 107.439 | 3.277 | 51.507 | -0.718 |
| 6/20/2007 13:51 | 107.774 | 3.279 | 51.47  | -0.714 |
| 6/20/2007 13:51 | 108.164 | 3.278 | 51.453 | -0.716 |
| 6/20/2007 13:51 | 108.555 | 3.278 | 51.501 | -0.716 |
| 6/20/2007 13:51 | 108.89  | 3.278 | 51.474 | -0.716 |
| 6/20/2007 13:51 | 109.301 | 3.279 | 51.445 | -0.714 |
| 6/20/2007 13:51 | 109.691 | 3.279 | 51.497 | -0.715 |
| 6/20/2007 13:51 | 110.026 | 3.279 | 51.455 | -0.714 |
| 6/20/2007 13:51 | 110.419 | 3.28  | 51.436 | -0.711 |
| 6/20/2007 13:51 | 110.811 | 3.279 | 51.491 | -0.714 |
| 6/20/2007 13:51 | 111.145 | 3.278 | 51.449 | -0.716 |
| 6/20/2007 13:51 | 111.536 | 3.28  | 51.432 | -0.711 |
| 6/20/2007 13:51 | 111.926 | 3.28  | 51.481 | -0.712 |
| 6/20/2007 13:51 | 112.265 | 3.28  | 51.442 | -0.713 |
| 6/20/2007 13:51 | 112.661 | 3.28  | 51.422 | -0.712 |
| 6/20/2007 13:51 | 113.051 | 3.28  | 51.475 | -0.712 |
| 6/20/2007 13:51 | 113.386 | 3.281 | 51.436 | -0.709 |
| 6/20/2007 13:51 | 113.778 | 3.279 | 51.413 | -0.714 |
| 6/20/2007 13:51 | 114.169 | 3.28  | 51.468 | -0.712 |
| 6/20/2007 13:51 | 114.504 | 3.28  | 51.424 | -0.712 |
| 6/20/2007 13:51 | 114.896 | 3.28  | 51.412 | -0.713 |
| 6/20/2007 13:51 | 115.286 | 3.281 | 51.459 | -0.71  |
| 6/20/2007 13:51 | 115.621 | 3.28  | 51.419 | -0.712 |
| 6/20/2007 13:51 | 116.013 | 3.282 | 51.402 | -0.708 |
| 6/20/2007 13:51 | 116.404 | 3.282 | 51.416 | -0.708 |
| 6/20/2007 13:51 | 116.609 | 3.282 | 51.428 | -0.707 |
| 6/20/2007 13:51 | 116.813 | 3.284 | 51.436 | -0.703 |
| 6/20/2007 13:51 | 117.018 | 3.281 | 51.469 | -0.708 |
| 6/20/2007 13:51 | 117.352 | 3.281 | 51.418 | -0.71  |
| 6/20/2007 13:51 | 117.742 | 3.282 | 51.403 | -0.707 |
| 6/20/2007 13:51 | 118.133 | 3.281 | 51.449 | -0.71  |
| 6/20/2007 13:51 | 118.468 | 3.282 | 51.408 | -0.706 |
| 6/20/2007 13:51 | 118.862 | 3.282 | 51.385 | -0.707 |
| 6/20/2007 13:51 | 119.252 | 3.283 | 51.454 | -0.704 |
| 6/20/2007 13:51 | 119.607 | 3.283 | 51.396 | -0.706 |
| 6/20/2007 13:51 | 120     | 3.282 | 51.38  | -0.708 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:51 | 120.39  | 3.282 | 51.43  | -0.707 |
| 6/20/2007 13:51 | 120.725 | 3.282 | 51.386 | -0.707 |
| 6/20/2007 13:51 | 121.116 | 3.283 | 51.373 | -0.704 |
| 6/20/2007 13:51 | 121.506 | 3.282 | 51.423 | -0.708 |
| 6/20/2007 13:51 | 121.843 | 3.283 | 51.38  | -0.705 |
| 6/20/2007 13:51 | 122.235 | 3.283 | 51.362 | -0.706 |
| 6/20/2007 13:51 | 122.625 | 3.282 | 51.411 | -0.707 |
| 6/20/2007 13:51 | 122.96  | 3.284 | 51.376 | -0.703 |
| 6/20/2007 13:51 | 123.356 | 3.284 | 51.357 | -0.702 |
| 6/20/2007 13:51 | 123.75  | 3.284 | 51.399 | -0.703 |
| 6/20/2007 13:51 | 124.084 | 3.284 | 51.365 | -0.704 |
| 6/20/2007 13:51 | 124.476 | 3.284 | 51.349 | -0.702 |
| 6/20/2007 13:51 | 124.865 | 3.283 | 51.402 | -0.705 |
| 6/20/2007 13:51 | 125.202 | 3.284 | 51.361 | -0.702 |
| 6/20/2007 13:51 | 125.593 | 3.284 | 51.342 | -0.702 |
| 6/20/2007 13:51 | 125.984 | 3.284 | 51.391 | -0.703 |
| 6/20/2007 13:51 | 126.319 | 3.283 | 51.353 | -0.704 |
| 6/20/2007 13:51 | 126.71  | 3.284 | 51.329 | -0.703 |
| 6/20/2007 13:51 | 127.1   | 3.285 | 51.385 | -0.702 |
| 6/20/2007 13:51 | 127.436 | 3.285 | 51.341 | -0.702 |
| 6/20/2007 13:52 | 127.828 | 3.284 | 51.326 | -0.704 |
| 6/20/2007 13:52 | 128.219 | 3.285 | 51.38  | -0.701 |
| 6/20/2007 13:52 | 128.554 | 3.284 | 51.338 | -0.703 |
| 6/20/2007 13:52 | 128.945 | 3.285 | 51.324 | -0.7   |
| 6/20/2007 13:52 | 129.334 | 3.285 | 51.372 | -0.699 |
| 6/20/2007 13:52 | 129.67  | 3.285 | 51.346 | -0.7   |
| 6/20/2007 13:52 | 130.082 | 3.283 | 51.318 | -0.704 |
| 6/20/2007 13:52 | 130.472 | 3.285 | 51.369 | -0.701 |
| 6/20/2007 13:52 | 130.807 | 3.285 | 51.327 | -0.701 |
| 6/20/2007 13:52 | 131.199 | 3.285 | 51.31  | -0.701 |
| 6/20/2007 13:52 | 131.59  | 3.284 | 51.36  | -0.703 |
| 6/20/2007 13:52 | 131.925 | 3.286 | 51.318 | -0.699 |
| 6/20/2007 13:52 | 132.316 | 3.285 | 51.302 | -0.7   |
| 6/20/2007 13:52 | 132.707 | 3.286 | 51.353 | -0.699 |
| 6/20/2007 13:52 | 133.042 | 3.286 | 51.313 | -0.698 |
| 6/20/2007 13:52 | 133.434 | 3.286 | 51.291 | -0.697 |
| 6/20/2007 13:52 | 133.825 | 3.286 | 51.348 | -0.697 |
| 6/20/2007 13:52 | 134.16  | 3.287 | 51.306 | -0.696 |
| 6/20/2007 13:52 | 134.551 | 3.286 | 51.29  | -0.699 |
| 6/20/2007 13:52 | 134.941 | 3.287 | 51.337 | -0.696 |
| 6/20/2007 13:52 | 135.277 | 3.287 | 51.299 | -0.695 |
| 6/20/2007 13:52 | 135.669 | 3.287 | 51.283 | -0.697 |
| 6/20/2007 13:52 | 136.061 | 3.286 | 51.33  | -0.698 |
| 6/20/2007 13:52 | 136.395 | 3.286 | 51.296 | -0.698 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:52 | 136.786 | 3.287 | 51.274 | -0.697 |
| 6/20/2007 13:52 | 137.177 | 3.287 | 51.323 | -0.696 |
| 6/20/2007 13:52 | 137.512 | 3.287 | 51.285 | -0.697 |
| 6/20/2007 13:52 | 137.905 | 3.287 | 51.268 | -0.695 |
| 6/20/2007 13:52 | 138.296 | 3.286 | 51.322 | -0.697 |
| 6/20/2007 13:52 | 138.631 | 3.286 | 51.28  | -0.697 |
| 6/20/2007 13:52 | 139.022 | 3.288 | 51.263 | -0.693 |
| 6/20/2007 13:52 | 139.412 | 3.287 | 51.318 | -0.696 |
| 6/20/2007 13:52 | 139.748 | 3.287 | 51.279 | -0.695 |
| 6/20/2007 13:52 | 140.144 | 3.288 | 51.271 | -0.693 |
| 6/20/2007 13:52 | 140.554 | 3.287 | 51.313 | -0.697 |
| 6/20/2007 13:52 | 140.89  | 3.286 | 51.274 | -0.699 |
| 6/20/2007 13:52 | 141.281 | 3.288 | 51.257 | -0.694 |
| 6/20/2007 13:52 | 141.672 | 3.286 | 51.303 | -0.697 |
| 6/20/2007 13:52 | 142.007 | 3.292 | 51.264 | -0.684 |
| 6/20/2007 13:52 | 142.398 | 3.288 | 51.246 | -0.694 |
| 6/20/2007 13:52 | 142.787 | 3.287 | 51.296 | -0.696 |
| 6/20/2007 13:52 | 143.124 | 3.287 | 51.262 | -0.696 |
| 6/20/2007 13:52 | 143.515 | 3.288 | 51.24  | -0.693 |
| 6/20/2007 13:52 | 143.906 | 3.287 | 51.29  | -0.695 |
| 6/20/2007 13:52 | 144.24  | 3.288 | 51.244 | -0.694 |
| 6/20/2007 13:52 | 144.631 | 3.289 | 51.233 | -0.691 |
| 6/20/2007 13:52 | 145.021 | 3.288 | 51.282 | -0.692 |
| 6/20/2007 13:52 | 145.358 | 3.289 | 51.248 | -0.692 |
| 6/20/2007 13:52 | 145.753 | 3.289 | 51.224 | -0.692 |
| 6/20/2007 13:52 | 146.143 | 3.289 | 51.275 | -0.691 |
| 6/20/2007 13:52 | 146.48  | 3.289 | 51.238 | -0.69  |
| 6/20/2007 13:52 | 146.872 | 3.29  | 51.223 | -0.69  |
| 6/20/2007 13:52 | 147.264 | 3.288 | 51.276 | -0.693 |
| 6/20/2007 13:52 | 147.599 | 3.289 | 51.235 | -0.691 |
| 6/20/2007 13:52 | 147.989 | 3.289 | 51.215 | -0.69  |
| 6/20/2007 13:52 | 148.379 | 3.288 | 51.261 | -0.693 |
| 6/20/2007 13:52 | 148.714 | 3.29  | 51.223 | -0.689 |
| 6/20/2007 13:52 | 149.106 | 3.29  | 51.208 | -0.69  |
| 6/20/2007 13:52 | 149.497 | 3.289 | 51.26  | -0.691 |
| 6/20/2007 13:52 | 149.832 | 3.29  | 51.217 | -0.69  |
| 6/20/2007 13:52 | 150.222 | 3.289 | 51.202 | -0.692 |
| 6/20/2007 13:52 | 150.612 | 3.29  | 51.264 | -0.688 |
| 6/20/2007 13:52 | 150.969 | 3.29  | 51.221 | -0.69  |
| 6/20/2007 13:52 | 151.361 | 3.29  | 51.201 | -0.689 |
| 6/20/2007 13:52 | 151.751 | 3.29  | 51.249 | -0.689 |
| 6/20/2007 13:52 | 152.086 | 3.29  | 51.207 | -0.688 |
| 6/20/2007 13:52 | 152.477 | 3.29  | 51.194 | -0.69  |
| 6/20/2007 13:52 | 152.867 | 3.29  | 51.236 | -0.688 |

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|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:52 | 153.202 | 3.29  | 51.201 | -0.688 |
| 6/20/2007 13:52 | 153.594 | 3.29  | 51.189 | -0.69  |
| 6/20/2007 13:52 | 153.984 | 3.289 | 51.237 | -0.691 |
| 6/20/2007 13:52 | 154.319 | 3.289 | 51.196 | -0.69  |
| 6/20/2007 13:52 | 154.71  | 3.291 | 51.183 | -0.687 |
| 6/20/2007 13:52 | 155.1   | 3.29  | 51.23  | -0.688 |
| 6/20/2007 13:52 | 155.437 | 3.29  | 51.191 | -0.688 |
| 6/20/2007 13:52 | 155.829 | 3.29  | 51.174 | -0.688 |
| 6/20/2007 13:52 | 156.219 | 3.291 | 51.226 | -0.688 |
| 6/20/2007 13:52 | 156.555 | 3.291 | 51.185 | -0.685 |
| 6/20/2007 13:52 | 156.946 | 3.289 | 51.164 | -0.691 |
| 6/20/2007 13:52 | 157.336 | 3.29  | 51.222 | -0.689 |
| 6/20/2007 13:52 | 157.671 | 3.291 | 51.174 | -0.687 |
| 6/20/2007 13:52 | 158.063 | 3.291 | 51.164 | -0.687 |
| 6/20/2007 13:52 | 158.453 | 3.291 | 51.215 | -0.686 |
| 6/20/2007 13:52 | 158.787 | 3.291 | 51.173 | -0.686 |
| 6/20/2007 13:52 | 159.179 | 3.29  | 51.157 | -0.688 |
| 6/20/2007 13:52 | 159.569 | 3.291 | 51.207 | -0.686 |
| 6/20/2007 13:52 | 159.906 | 3.291 | 51.171 | -0.686 |
| 6/20/2007 13:52 | 160.298 | 3.291 | 51.146 | -0.686 |
| 6/20/2007 13:52 | 160.688 | 3.292 | 51.2   | -0.685 |
| 6/20/2007 13:52 | 161.023 | 3.292 | 51.18  | -0.684 |
| 6/20/2007 13:52 | 161.434 | 3.292 | 51.146 | -0.685 |
| 6/20/2007 13:52 | 161.825 | 3.291 | 51.197 | -0.686 |
| 6/20/2007 13:52 | 162.16  | 3.292 | 51.159 | -0.684 |
| 6/20/2007 13:52 | 162.556 | 3.292 | 51.145 | -0.683 |
| 6/20/2007 13:52 | 162.947 | 3.293 | 51.195 | -0.682 |
| 6/20/2007 13:52 | 163.281 | 3.293 | 51.157 | -0.683 |
| 6/20/2007 13:52 | 163.673 | 3.292 | 51.137 | -0.684 |
| 6/20/2007 13:52 | 164.063 | 3.292 | 51.185 | -0.683 |
| 6/20/2007 13:52 | 164.399 | 3.293 | 51.151 | -0.683 |
| 6/20/2007 13:52 | 164.795 | 3.293 | 51.13  | -0.683 |
| 6/20/2007 13:52 | 165.186 | 3.293 | 51.184 | -0.683 |
| 6/20/2007 13:52 | 165.52  | 3.293 | 51.146 | -0.681 |
| 6/20/2007 13:52 | 165.911 | 3.292 | 51.126 | -0.684 |
| 6/20/2007 13:52 | 166.301 | 3.293 | 51.177 | -0.682 |
| 6/20/2007 13:52 | 166.637 | 3.293 | 51.134 | -0.682 |
| 6/20/2007 13:52 | 167.03  | 3.293 | 51.117 | -0.682 |
| 6/20/2007 13:52 | 167.421 | 3.292 | 51.173 | -0.683 |
| 6/20/2007 13:52 | 167.755 | 3.291 | 51.124 | -0.687 |
| 6/20/2007 13:52 | 168.146 | 3.292 | 51.112 | -0.683 |
| 6/20/2007 13:52 | 168.535 | 3.294 | 51.163 | -0.68  |
| 6/20/2007 13:52 | 168.872 | 3.293 | 51.125 | -0.682 |
| 6/20/2007 13:52 | 169.264 | 3.293 | 51.112 | -0.683 |

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|                 |          |       |        |        |
|-----------------|----------|-------|--------|--------|
| 6/20/2007 13:52 | 169.656  | 3.293 | 51.157 | -0.681 |
| 6/20/2007 13:52 | 180.013  | 3.296 | 50.977 | -0.675 |
| 6/20/2007 13:53 | 240.026  | 3.301 | 50.59  | -0.664 |
| 6/20/2007 13:54 | 300.001  | 3.304 | 50.39  | -0.657 |
| 6/20/2007 13:55 | 360.001  | 3.306 | 50.257 | -0.651 |
| 6/20/2007 13:56 | 420.001  | 3.307 | 50.159 | -0.65  |
| 6/20/2007 13:57 | 480.001  | 3.309 | 50.095 | -0.644 |
| 6/20/2007 13:58 | 540.001  | 3.31  | 49.984 | -0.643 |
| 6/20/2007 13:59 | 600.001  | 3.312 | 49.933 | -0.639 |
| 6/20/2007 14:00 | 660.001  | 3.313 | 49.898 | -0.635 |
| 6/20/2007 14:01 | 720.001  | 3.312 | 49.866 | -0.637 |
| 6/20/2007 14:02 | 780.175  | 3.312 | 49.834 | -0.638 |
| 6/20/2007 14:03 | 840.132  | 3.314 | 49.832 | -0.634 |
| 6/20/2007 14:04 | 900.145  | 3.314 | 49.76  | -0.634 |
| 6/20/2007 14:05 | 960.001  | 3.314 | 49.741 | -0.633 |
| 6/20/2007 14:06 | 1020.097 | 3.314 | 49.77  | -0.633 |
| 6/20/2007 14:07 | 1080.001 | 3.315 | 49.567 | -0.63  |
| 6/20/2007 14:08 | 1140.001 | 3.316 | 49.499 | -0.63  |
| 6/20/2007 14:09 | 1200.001 | 3.316 | 49.457 | -0.629 |
| 6/20/2007 14:10 | 1260.001 | 3.316 | 49.43  | -0.629 |
| 6/20/2007 14:11 | 1320.001 | 3.317 | 49.403 | -0.626 |

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## Raw Test Data for P-385 S Rising Head

Report Date: 10/12/2007 10:40  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name P385S 2007-06-06 08.16.09.wsl  
Create Date 6/6/2007 7:15

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | P385S             |
| Created By          | Unknown           |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/6/2007 7:05     |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 01 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 2.46671 (PSI)     |
| Temperature                   | 49.9199 (F)       |
| Depth of Probe                | 5.69973 (ft)      |

Log Notes:

|               |                                                |
|---------------|------------------------------------------------|
| Date and Time | Note                                           |
| 6/6/2007 8:03 | User Note: "Level reference initialized to: 0" |
| 6/6/2007 8:03 | Manual Start Command                           |
| 6/6/2007 8:13 | Manual Stop Command                            |

Log Data:  
Record Count 249

| Date and Time | Elapsed Time<br>Seconds | Sensor: Pres 30G | Sensor: Pres 30G | Sensor: Pres 30G   |
|---------------|-------------------------|------------------|------------------|--------------------|
|               |                         | SN#: 102941      | SN#: 102941      | SN#: 102941        |
|               |                         | Pressure (PSI)   | Temperature (F)  | Level-Surface (ft) |
| 6/6/2007 8:03 | 0                       | 2.474            | 49.865           | 0.016              |
| 6/6/2007 8:03 | 0.25                    | 2.474            | 49.9             | 0.017              |
| 6/6/2007 8:03 | 0.5                     | 2.473            | 49.926           | 0.015              |
| 6/6/2007 8:03 | 0.751                   | 2.474            | 49.949           | 0.017              |
| 6/6/2007 8:03 | 1                       | 2.472            | 49.963           | 0.013              |
| 6/6/2007 8:03 | 1.25                    | 2.473            | 49.968           | 0.015              |
| 6/6/2007 8:03 | 1.5                     | 2.472            | 49.985           | 0.013              |
| 6/6/2007 8:03 | 1.75                    | 2.473            | 49.992           | 0.014              |
| 6/6/2007 8:03 | 2                       | 2.473            | 49.999           | 0.016              |
| 6/6/2007 8:03 | 2.25                    | 2.472            | 50.005           | 0.012              |
| 6/6/2007 8:03 | 2.5                     | 2.473            | 50.015           | 0.014              |
| 6/6/2007 8:03 | 2.75                    | 2.471            | 50.015           | 0.01               |
| 6/6/2007 8:03 | 3                       | 2.471            | 50.022           | 0.01               |
| 6/6/2007 8:03 | 3.25                    | 2.476            | 50.086           | 0.022              |
| 6/6/2007 8:03 | 3.573                   | 2.474            | 50.07            | 0.017              |
| 6/6/2007 8:03 | 3.778                   | 2.473            | 50.076           | 0.014              |
| 6/6/2007 8:03 | 4                       | 2.473            | 50.07            | 0.014              |
| 6/6/2007 8:03 | 4.25                    | 2.472            | 50.065           | 0.013              |
| 6/6/2007 8:03 | 4.5                     | 2.473            | 50.059           | 0.014              |
| 6/6/2007 8:03 | 4.75                    | 2.472            | 50.065           | 0.011              |
| 6/6/2007 8:03 | 5                       | 2.473            | 50.06            | 0.015              |
| 6/6/2007 8:03 | 5.25                    | 2.471            | 50.065           | 0.009              |
| 6/6/2007 8:03 | 5.5                     | 2.473            | 50.061           | 0.014              |
| 6/6/2007 8:03 | 5.75                    | 2.472            | 50.058           | 0.012              |
| 6/6/2007 8:03 | 6                       | 2.471            | 50.065           | 0.01               |
| 6/6/2007 8:03 | 6.25                    | 2.472            | 50.071           | 0.012              |
| 6/6/2007 8:03 | 6.5                     | 2.473            | 50.067           | 0.014              |
| 6/6/2007 8:03 | 6.75                    | 2.473            | 50.07            | 0.014              |
| 6/6/2007 8:03 | 7                       | 2.472            | 50.071           | 0.012              |
| 6/6/2007 8:03 | 7.25                    | 2.472            | 50.066           | 0.012              |
| 6/6/2007 8:03 | 7.5                     | 2.472            | 50.07            | 0.012              |
| 6/6/2007 8:03 | 7.75                    | 2.471            | 50.073           | 0.01               |
| 6/6/2007 8:03 | 8                       | 2.472            | 50.072           | 0.012              |
| 6/6/2007 8:04 | 8.25                    | 2.472            | 50.075           | 0.012              |
| 6/6/2007 8:04 | 8.5                     | 2.472            | 50.082           | 0.012              |
| 6/6/2007 8:04 | 8.75                    | 2.472            | 50.08            | 0.013              |
| 6/6/2007 8:04 | 9                       | 2.474            | 50.078           | 0.016              |
| 6/6/2007 8:04 | 9.25                    | 2.473            | 50.08            | 0.014              |
| 6/6/2007 8:04 | 9.5                     | 2.471            | 50.086           | 0.011              |
| 6/6/2007 8:04 | 9.75                    | 2.473            | 50.084           | 0.014              |

|               |       |       |        |        |
|---------------|-------|-------|--------|--------|
| 6/6/2007 8:04 | 10    | 2.477 | 50.087 | 0.024  |
| 6/6/2007 8:04 | 10.25 | 2.479 | 50.091 | 0.029  |
| 6/6/2007 8:04 | 10.5  | 2.473 | 50.085 | 0.015  |
| 6/6/2007 8:04 | 10.75 | 2.476 | 50.09  | 0.022  |
| 6/6/2007 8:04 | 11    | 2.479 | 50.089 | 0.027  |
| 6/6/2007 8:04 | 11.25 | 2.478 | 50.087 | 0.025  |
| 6/6/2007 8:04 | 11.5  | 2.477 | 50.088 | 0.025  |
| 6/6/2007 8:04 | 11.75 | 2.477 | 50.087 | 0.024  |
| 6/6/2007 8:04 | 12    | 2.477 | 50.094 | 0.023  |
| 6/6/2007 8:04 | 12.25 | 2.477 | 50.095 | 0.024  |
| 6/6/2007 8:04 | 12.5  | 2.477 | 50.095 | 0.024  |
| 6/6/2007 8:04 | 12.75 | 2.478 | 50.101 | 0.026  |
| 6/6/2007 8:04 | 13    | 2.479 | 50.099 | 0.028  |
| 6/6/2007 8:04 | 13.25 | 2.493 | 50.101 | 0.061  |
| 6/6/2007 8:04 | 13.5  | 2.562 | 50.101 | 0.221  |
| 6/6/2007 8:04 | 13.75 | 2.597 | 50.103 | 0.301  |
| 6/6/2007 8:04 | 14    | 2.622 | 50.099 | 0.358  |
| 6/6/2007 8:04 | 14.25 | 2.602 | 50.104 | 0.313  |
| 6/6/2007 8:04 | 14.5  | 2.482 | 50.103 | 0.035  |
| 6/6/2007 8:04 | 14.75 | 2.583 | 50.106 | 0.267  |
| 6/6/2007 8:04 | 15    | 2.581 | 50.113 | 0.264  |
| 6/6/2007 8:04 | 15.25 | 2.343 | 50.109 | -0.285 |
| 6/6/2007 8:04 | 15.5  | 2.341 | 50.113 | -0.29  |
| 6/6/2007 8:04 | 15.75 | 2.474 | 50.11  | 0.018  |
| 6/6/2007 8:04 | 16    | 2.515 | 50.112 | 0.111  |
| 6/6/2007 8:04 | 16.25 | 2.567 | 50.116 | 0.231  |
| 6/6/2007 8:04 | 16.5  | 2.469 | 50.114 | 0.006  |
| 6/6/2007 8:04 | 16.75 | 2.475 | 50.117 | 0.018  |
| 6/6/2007 8:04 | 17    | 2.48  | 50.11  | 0.032  |
| 6/6/2007 8:04 | 17.25 | 2.486 | 50.115 | 0.044  |
| 6/6/2007 8:04 | 17.5  | 2.485 | 50.117 | 0.043  |
| 6/6/2007 8:04 | 17.75 | 2.484 | 50.122 | 0.04   |
| 6/6/2007 8:04 | 18    | 2.483 | 50.12  | 0.038  |
| 6/6/2007 8:04 | 18.25 | 2.484 | 50.122 | 0.039  |
| 6/6/2007 8:04 | 18.5  | 2.484 | 50.123 | 0.039  |
| 6/6/2007 8:04 | 18.75 | 2.483 | 50.121 | 0.037  |
| 6/6/2007 8:04 | 19    | 2.485 | 50.12  | 0.041  |
| 6/6/2007 8:04 | 19.25 | 2.485 | 50.12  | 0.043  |
| 6/6/2007 8:04 | 19.5  | 2.483 | 50.12  | 0.039  |
| 6/6/2007 8:04 | 19.75 | 2.484 | 50.123 | 0.04   |
| 6/6/2007 8:04 | 20    | 2.485 | 50.126 | 0.042  |
| 6/6/2007 8:04 | 20.25 | 2.482 | 50.125 | 0.036  |
| 6/6/2007 8:04 | 20.5  | 2.484 | 50.127 | 0.04   |
| 6/6/2007 8:04 | 20.75 | 2.485 | 50.132 | 0.041  |

|               |       |       |        |        |
|---------------|-------|-------|--------|--------|
| 6/6/2007 8:04 | 21    | 2.485 | 50.125 | 0.042  |
| 6/6/2007 8:04 | 21.25 | 2.484 | 50.131 | 0.041  |
| 6/6/2007 8:04 | 21.5  | 2.483 | 50.132 | 0.038  |
| 6/6/2007 8:04 | 21.75 | 2.484 | 50.137 | 0.041  |
| 6/6/2007 8:04 | 22    | 2.485 | 50.126 | 0.042  |
| 6/6/2007 8:04 | 22.25 | 2.483 | 50.132 | 0.038  |
| 6/6/2007 8:04 | 22.5  | 2.483 | 50.134 | 0.038  |
| 6/6/2007 8:04 | 22.75 | 2.484 | 50.136 | 0.039  |
| 6/6/2007 8:04 | 23    | 2.484 | 50.129 | 0.04   |
| 6/6/2007 8:04 | 23.25 | 2.486 | 50.137 | 0.044  |
| 6/6/2007 8:04 | 23.5  | 2.452 | 50.135 | -0.033 |
| 6/6/2007 8:04 | 23.75 | 2.45  | 50.142 | -0.038 |
| 6/6/2007 8:04 | 24    | 2.465 | 50.134 | -0.004 |
| 6/6/2007 8:04 | 24.25 | 2.48  | 50.141 | 0.03   |
| 6/6/2007 8:04 | 24.5  | 2.485 | 50.135 | 0.043  |
| 6/6/2007 8:04 | 24.75 | 2.483 | 50.142 | 0.038  |
| 6/6/2007 8:04 | 25    | 2.485 | 50.145 | 0.043  |
| 6/6/2007 8:04 | 25.25 | 2.483 | 50.139 | 0.038  |
| 6/6/2007 8:04 | 25.5  | 2.485 | 50.142 | 0.043  |
| 6/6/2007 8:04 | 25.75 | 2.484 | 50.142 | 0.039  |
| 6/6/2007 8:04 | 26    | 2.483 | 50.146 | 0.037  |
| 6/6/2007 8:04 | 26.25 | 2.485 | 50.144 | 0.043  |
| 6/6/2007 8:04 | 26.5  | 2.484 | 50.145 | 0.04   |
| 6/6/2007 8:04 | 26.75 | 2.484 | 50.145 | 0.04   |
| 6/6/2007 8:04 | 27    | 2.483 | 50.146 | 0.038  |
| 6/6/2007 8:04 | 27.25 | 2.484 | 50.148 | 0.039  |
| 6/6/2007 8:04 | 27.5  | 2.484 | 50.15  | 0.04   |
| 6/6/2007 8:04 | 27.75 | 2.484 | 50.148 | 0.04   |
| 6/6/2007 8:04 | 28    | 2.483 | 50.156 | 0.038  |
| 6/6/2007 8:04 | 28.25 | 2.485 | 50.152 | 0.043  |
| 6/6/2007 8:04 | 28.5  | 2.484 | 50.148 | 0.04   |
| 6/6/2007 8:04 | 28.75 | 2.483 | 50.153 | 0.037  |
| 6/6/2007 8:04 | 29    | 2.484 | 50.157 | 0.04   |
| 6/6/2007 8:04 | 29.25 | 2.483 | 50.154 | 0.038  |
| 6/6/2007 8:04 | 29.5  | 2.484 | 50.149 | 0.041  |
| 6/6/2007 8:04 | 29.75 | 2.484 | 50.15  | 0.039  |
| 6/6/2007 8:04 | 30    | 2.484 | 50.154 | 0.039  |
| 6/6/2007 8:04 | 30.25 | 2.484 | 50.153 | 0.039  |
| 6/6/2007 8:04 | 30.5  | 2.484 | 50.155 | 0.039  |
| 6/6/2007 8:04 | 30.75 | 2.485 | 50.159 | 0.043  |
| 6/6/2007 8:04 | 31    | 2.484 | 50.158 | 0.04   |
| 6/6/2007 8:04 | 31.25 | 2.484 | 50.159 | 0.039  |
| 6/6/2007 8:04 | 31.5  | 2.484 | 50.162 | 0.04   |
| 6/6/2007 8:04 | 31.75 | 2.485 | 50.163 | 0.042  |

|               |        |       |        |       |
|---------------|--------|-------|--------|-------|
| 6/6/2007 8:04 | 32     | 2.485 | 50.162 | 0.041 |
| 6/6/2007 8:04 | 32.25  | 2.484 | 50.16  | 0.041 |
| 6/6/2007 8:04 | 32.5   | 2.484 | 50.163 | 0.04  |
| 6/6/2007 8:04 | 32.75  | 2.485 | 50.164 | 0.042 |
| 6/6/2007 8:04 | 33     | 2.484 | 50.159 | 0.039 |
| 6/6/2007 8:04 | 33.25  | 2.484 | 50.161 | 0.039 |
| 6/6/2007 8:04 | 33.5   | 2.486 | 50.164 | 0.044 |
| 6/6/2007 8:04 | 33.75  | 2.484 | 50.166 | 0.039 |
| 6/6/2007 8:04 | 34     | 2.484 | 50.169 | 0.04  |
| 6/6/2007 8:04 | 34.25  | 2.484 | 50.171 | 0.04  |
| 6/6/2007 8:04 | 34.5   | 2.484 | 50.164 | 0.039 |
| 6/6/2007 8:04 | 34.75  | 2.483 | 50.169 | 0.039 |
| 6/6/2007 8:04 | 35     | 2.483 | 50.164 | 0.039 |
| 6/6/2007 8:04 | 35.25  | 2.484 | 50.173 | 0.04  |
| 6/6/2007 8:04 | 35.5   | 2.485 | 50.17  | 0.042 |
| 6/6/2007 8:04 | 35.75  | 2.483 | 50.17  | 0.038 |
| 6/6/2007 8:04 | 36     | 2.485 | 50.175 | 0.043 |
| 6/6/2007 8:04 | 36.25  | 2.484 | 50.175 | 0.04  |
| 6/6/2007 8:04 | 36.5   | 2.485 | 50.173 | 0.042 |
| 6/6/2007 8:04 | 36.75  | 2.486 | 50.17  | 0.044 |
| 6/6/2007 8:04 | 37     | 2.485 | 50.175 | 0.042 |
| 6/6/2007 8:04 | 37.25  | 2.485 | 50.179 | 0.043 |
| 6/6/2007 8:04 | 37.5   | 2.484 | 50.186 | 0.039 |
| 6/6/2007 8:04 | 37.75  | 2.485 | 50.176 | 0.042 |
| 6/6/2007 8:04 | 38     | 2.484 | 50.177 | 0.041 |
| 6/6/2007 8:04 | 38.25  | 2.485 | 50.176 | 0.042 |
| 6/6/2007 8:04 | 38.5   | 2.484 | 50.18  | 0.04  |
| 6/6/2007 8:04 | 38.75  | 2.485 | 50.178 | 0.042 |
| 6/6/2007 8:04 | 39     | 2.485 | 50.178 | 0.043 |
| 6/6/2007 8:04 | 39.25  | 2.484 | 50.181 | 0.04  |
| 6/6/2007 8:04 | 39.5   | 2.485 | 50.183 | 0.042 |
| 6/6/2007 8:04 | 39.75  | 2.484 | 50.182 | 0.039 |
| 6/6/2007 8:04 | 40.001 | 2.485 | 50.182 | 0.041 |
| 6/6/2007 8:04 | 40.25  | 2.485 | 50.188 | 0.041 |
| 6/6/2007 8:04 | 40.5   | 2.485 | 50.184 | 0.043 |
| 6/6/2007 8:04 | 40.75  | 2.484 | 50.182 | 0.041 |
| 6/6/2007 8:04 | 41     | 2.485 | 50.18  | 0.042 |
| 6/6/2007 8:04 | 41.25  | 2.485 | 50.183 | 0.042 |
| 6/6/2007 8:04 | 41.5   | 2.484 | 50.181 | 0.04  |
| 6/6/2007 8:04 | 41.75  | 2.484 | 50.188 | 0.04  |
| 6/6/2007 8:04 | 42     | 2.485 | 50.186 | 0.042 |
| 6/6/2007 8:04 | 42.25  | 2.484 | 50.19  | 0.041 |
| 6/6/2007 8:04 | 42.5   | 2.484 | 50.186 | 0.041 |
| 6/6/2007 8:04 | 42.75  | 2.483 | 50.188 | 0.039 |

|               |        |       |        |       |
|---------------|--------|-------|--------|-------|
| 6/6/2007 8:04 | 43     | 2.483 | 50.188 | 0.038 |
| 6/6/2007 8:04 | 43.25  | 2.483 | 50.19  | 0.039 |
| 6/6/2007 8:04 | 43.5   | 2.484 | 50.19  | 0.041 |
| 6/6/2007 8:04 | 43.75  | 2.483 | 50.19  | 0.037 |
| 6/6/2007 8:04 | 44     | 2.483 | 50.186 | 0.038 |
| 6/6/2007 8:04 | 44.25  | 2.484 | 50.191 | 0.04  |
| 6/6/2007 8:04 | 44.5   | 2.485 | 50.19  | 0.042 |
| 6/6/2007 8:04 | 44.75  | 2.485 | 50.188 | 0.041 |
| 6/6/2007 8:04 | 45     | 2.484 | 50.189 | 0.041 |
| 6/6/2007 8:04 | 45.25  | 2.484 | 50.195 | 0.041 |
| 6/6/2007 8:04 | 45.5   | 2.485 | 50.194 | 0.041 |
| 6/6/2007 8:04 | 45.75  | 2.484 | 50.192 | 0.039 |
| 6/6/2007 8:04 | 46     | 2.484 | 50.192 | 0.039 |
| 6/6/2007 8:04 | 46.25  | 2.484 | 50.189 | 0.039 |
| 6/6/2007 8:04 | 46.5   | 2.484 | 50.193 | 0.041 |
| 6/6/2007 8:04 | 46.75  | 2.484 | 50.194 | 0.04  |
| 6/6/2007 8:04 | 47     | 2.483 | 50.2   | 0.038 |
| 6/6/2007 8:04 | 47.25  | 2.484 | 50.193 | 0.039 |
| 6/6/2007 8:04 | 47.5   | 2.484 | 50.192 | 0.041 |
| 6/6/2007 8:04 | 47.75  | 2.484 | 50.196 | 0.04  |
| 6/6/2007 8:04 | 48     | 2.483 | 50.193 | 0.038 |
| 6/6/2007 8:04 | 48.25  | 2.485 | 50.193 | 0.041 |
| 6/6/2007 8:04 | 48.5   | 2.484 | 50.2   | 0.04  |
| 6/6/2007 8:04 | 48.75  | 2.485 | 50.197 | 0.043 |
| 6/6/2007 8:04 | 49     | 2.484 | 50.202 | 0.041 |
| 6/6/2007 8:04 | 49.25  | 2.485 | 50.199 | 0.042 |
| 6/6/2007 8:04 | 49.5   | 2.484 | 50.197 | 0.04  |
| 6/6/2007 8:04 | 49.75  | 2.484 | 50.198 | 0.04  |
| 6/6/2007 8:04 | 50     | 2.484 | 50.202 | 0.041 |
| 6/6/2007 8:04 | 50.25  | 2.485 | 50.199 | 0.043 |
| 6/6/2007 8:04 | 50.5   | 2.484 | 50.203 | 0.039 |
| 6/6/2007 8:04 | 50.75  | 2.484 | 50.2   | 0.041 |
| 6/6/2007 8:04 | 51     | 2.484 | 50.199 | 0.041 |
| 6/6/2007 8:04 | 51.25  | 2.484 | 50.205 | 0.041 |
| 6/6/2007 8:04 | 51.5   | 2.484 | 50.202 | 0.041 |
| 6/6/2007 8:04 | 51.75  | 2.484 | 50.206 | 0.04  |
| 6/6/2007 8:04 | 52     | 2.484 | 50.213 | 0.04  |
| 6/6/2007 8:04 | 52.39  | 2.484 | 50.181 | 0.04  |
| 6/6/2007 8:04 | 52.595 | 2.484 | 50.231 | 0.04  |
| 6/6/2007 8:04 | 52.929 | 2.484 | 50.192 | 0.039 |
| 6/6/2007 8:04 | 53.321 | 2.483 | 50.208 | 0.038 |
| 6/6/2007 8:04 | 53.525 | 2.483 | 50.221 | 0.037 |
| 6/6/2007 8:04 | 53.728 | 2.482 | 50.224 | 0.036 |
| 6/6/2007 8:04 | 53.932 | 2.483 | 50.231 | 0.038 |

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|               |         |       |        |       |
|---------------|---------|-------|--------|-------|
| 6/6/2007 8:04 | 54.136  | 2.482 | 50.231 | 0.036 |
| 6/6/2007 8:04 | 54.339  | 2.483 | 50.201 | 0.039 |
| 6/6/2007 8:04 | 54.728  | 2.483 | 50.248 | 0.037 |
| 6/6/2007 8:04 | 55.062  | 2.484 | 50.201 | 0.039 |
| 6/6/2007 8:04 | 55.453  | 2.484 | 50.182 | 0.04  |
| 6/6/2007 8:04 | 55.843  | 2.482 | 50.239 | 0.036 |
| 6/6/2007 8:04 | 56.178  | 2.483 | 50.205 | 0.038 |
| 6/6/2007 8:04 | 56.574  | 2.483 | 50.186 | 0.037 |
| 6/6/2007 8:04 | 56.963  | 2.484 | 50.236 | 0.039 |
| 6/6/2007 8:04 | 57.299  | 2.484 | 50.199 | 0.039 |
| 6/6/2007 8:04 | 57.69   | 2.482 | 50.186 | 0.036 |
| 6/6/2007 8:04 | 58.08   | 2.484 | 50.23  | 0.039 |
| 6/6/2007 8:04 | 58.415  | 2.483 | 50.2   | 0.037 |
| 6/6/2007 8:04 | 58.81   | 2.484 | 50.188 | 0.039 |
| 6/6/2007 8:04 | 59.199  | 2.482 | 50.236 | 0.036 |
| 6/6/2007 8:04 | 59.533  | 2.484 | 50.197 | 0.039 |
| 6/6/2007 8:04 | 59.924  | 2.484 | 50.189 | 0.04  |
| 6/6/2007 8:04 | 60.315  | 2.482 | 50.237 | 0.036 |
| 6/6/2007 8:04 | 60.649  | 2.483 | 50.203 | 0.038 |
| 6/6/2007 8:04 | 61.045  | 2.482 | 50.192 | 0.035 |
| 6/6/2007 8:04 | 61.435  | 2.483 | 50.24  | 0.038 |
| 6/6/2007 8:04 | 61.769  | 2.484 | 50.207 | 0.039 |
| 6/6/2007 8:04 | 62.162  | 2.484 | 50.186 | 0.039 |
| 6/6/2007 8:04 | 62.552  | 2.483 | 50.241 | 0.037 |
| 6/6/2007 8:04 | 62.886  | 2.483 | 50.208 | 0.037 |
| 6/6/2007 8:05 | 120.121 | 2.483 | 49.952 | 0.039 |
| 6/6/2007 8:06 | 180     | 2.481 | 50     | 0.034 |
| 6/6/2007 8:07 | 240     | 2.483 | 49.975 | 0.037 |
| 6/6/2007 8:08 | 300.001 | 2.481 | 49.998 | 0.033 |
| 6/6/2007 8:09 | 360.161 | 2.482 | 50.039 | 0.036 |
| 6/6/2007 8:10 | 420     | 2.483 | 50.027 | 0.038 |
| 6/6/2007 8:11 | 480.19  | 2.497 | 50.076 | 0.07  |
| 6/6/2007 8:12 | 540     | 2.496 | 50.071 | 0.068 |

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## Raw Test Data for P-389 S Rising Head

Report Date: 6/26/2007 11:14  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p389s bail 2007-06-20 09.31.49.wsl  
Create Date 6/20/2007 8:31

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p389s bail        |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/20/2007 8:08    |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.83863 (PSI)     |
| Temperature                   | 51.2142 (F)       |
| Depth of Probe                | 11.1736 (ft)      |

Log Notes:

|                |                                                |
|----------------|------------------------------------------------|
| Date and Time  | Note                                           |
| 6/20/2007 8:08 | User Note: "Level reference initialized to: 0" |
| 6/20/2007 8:08 | Manual Start Command                           |

Log Data:  
Record Count 501

|                |              | Sensor: Pres 30G | Sensor: Pres 30G | Sensor: Pres 30G   |
|----------------|--------------|------------------|------------------|--------------------|
|                | Elapsed Time | SN#: 102941      | SN#: 102941      | SN#: 102941        |
| Date and Time  | Seconds      | Pressure (PSI)   | Temperature (F)  | Level-Surface (ft) |
| 6/20/2007 8:08 | 0            | 4.843            | 51.158           | 0.011              |
| 6/20/2007 8:08 | 0.251        | 4.843            | 51.205           | 0.009              |
| 6/20/2007 8:08 | 0.501        | 4.842            | 51.229           | 0.008              |
| 6/20/2007 8:08 | 0.755        | 4.841            | 51.249           | 0.005              |
| 6/20/2007 8:08 | 1.001        | 4.842            | 51.26            | 0.007              |
| 6/20/2007 8:08 | 1.251        | 4.842            | 51.27            | 0.008              |
| 6/20/2007 8:08 | 1.501        | 4.842            | 51.284           | 0.007              |
| 6/20/2007 8:08 | 1.751        | 4.842            | 51.296           | 0.008              |
| 6/20/2007 8:08 | 2.001        | 4.842            | 51.3             | 0.007              |
| 6/20/2007 8:08 | 2.251        | 4.841            | 51.303           | 0.004              |
| 6/20/2007 8:08 | 2.501        | 4.841            | 51.313           | 0.005              |
| 6/20/2007 8:08 | 2.751        | 4.842            | 51.318           | 0.007              |
| 6/20/2007 8:08 | 3.001        | 4.841            | 51.324           | 0.007              |
| 6/20/2007 8:08 | 3.251        | 4.842            | 51.322           | 0.007              |
| 6/20/2007 8:08 | 3.92         | 4.844            | 51.273           | 0.012              |
| 6/20/2007 8:08 | 4.126        | 4.843            | 51.305           | 0.011              |
| 6/20/2007 8:08 | 4.332        | 4.844            | 51.329           | 0.013              |
| 6/20/2007 8:08 | 4.537        | 4.841            | 51.341           | 0.005              |
| 6/20/2007 8:08 | 4.745        | 4.841            | 51.347           | 0.005              |
| 6/20/2007 8:08 | 4.952        | 4.841            | 51.355           | 0.006              |
| 6/20/2007 8:08 | 5.159        | 4.842            | 51.364           | 0.008              |
| 6/20/2007 8:08 | 5.365        | 4.841            | 51.364           | 0.006              |
| 6/20/2007 8:08 | 5.572        | 4.841            | 51.376           | 0.005              |
| 6/20/2007 8:08 | 5.778        | 4.84             | 51.375           | 0.003              |
| 6/20/2007 8:08 | 6.421        | 4.843            | 51.308           | 0.011              |
| 6/20/2007 8:08 | 6.625        | 4.844            | 51.34            | 0.013              |
| 6/20/2007 8:08 | 6.831        | 4.841            | 51.353           | 0.005              |
| 6/20/2007 8:08 | 7.038        | 4.842            | 51.365           | 0.007              |
| 6/20/2007 8:08 | 7.243        | 4.841            | 51.371           | 0.005              |
| 6/20/2007 8:08 | 7.45         | 4.84             | 51.381           | 0.004              |
| 6/20/2007 8:08 | 7.656        | 4.842            | 51.385           | 0.008              |
| 6/20/2007 8:08 | 7.863        | 4.842            | 51.391           | 0.007              |
| 6/20/2007 8:08 | 8.069        | 4.84             | 51.394           | 0.004              |
| 6/20/2007 8:08 | 8.276        | 4.839            | 51.4             | 0.001              |
| 6/20/2007 8:08 | 8.932        | 4.843            | 51.333           | 0.01               |
| 6/20/2007 8:08 | 9.137        | 4.842            | 51.358           | 0.008              |
| 6/20/2007 8:08 | 9.342        | 4.844            | 51.377           | 0.012              |
| 6/20/2007 8:08 | 9.548        | 4.839            | 51.38            | 0.001              |
| 6/20/2007 8:08 | 9.755        | 4.84             | 51.39            | 0.004              |
| 6/20/2007 8:08 | 9.962        | 4.841            | 51.398           | 0.006              |

|                |        |       |        |        |
|----------------|--------|-------|--------|--------|
| 6/20/2007 8:08 | 10.17  | 4.841 | 51.4   | 0.005  |
| 6/20/2007 8:08 | 10.377 | 4.841 | 51.408 | 0.004  |
| 6/20/2007 8:08 | 10.583 | 4.84  | 51.41  | 0.003  |
| 6/20/2007 8:08 | 10.79  | 4.841 | 51.411 | 0.005  |
| 6/20/2007 8:08 | 10.996 | 4.839 | 51.422 | 0.001  |
| 6/20/2007 8:08 | 11.253 | 4.842 | 51.406 | 0.008  |
| 6/20/2007 8:08 | 11.501 | 4.849 | 51.403 | 0.023  |
| 6/20/2007 8:08 | 11.751 | 4.841 | 51.405 | 0.005  |
| 6/20/2007 8:08 | 12.001 | 4.84  | 51.403 | 0.003  |
| 6/20/2007 8:08 | 12.251 | 4.839 | 51.401 | 0.001  |
| 6/20/2007 8:08 | 12.501 | 4.84  | 51.399 | 0.003  |
| 6/20/2007 8:08 | 12.751 | 4.84  | 51.405 | 0.003  |
| 6/20/2007 8:08 | 13.001 | 4.841 | 51.405 | 0.006  |
| 6/20/2007 8:08 | 13.251 | 4.84  | 51.402 | 0.003  |
| 6/20/2007 8:08 | 13.501 | 4.838 | 51.401 | -0.001 |
| 6/20/2007 8:08 | 13.751 | 4.841 | 51.401 | 0.005  |
| 6/20/2007 8:08 | 14.001 | 4.841 | 51.407 | 0.004  |
| 6/20/2007 8:08 | 14.251 | 4.84  | 51.408 | 0.004  |
| 6/20/2007 8:08 | 14.501 | 4.84  | 51.407 | 0.002  |
| 6/20/2007 8:08 | 14.751 | 4.84  | 51.405 | 0.003  |
| 6/20/2007 8:08 | 15.001 | 4.84  | 51.407 | 0.003  |
| 6/20/2007 8:08 | 15.251 | 4.84  | 51.414 | 0.002  |
| 6/20/2007 8:08 | 15.501 | 4.841 | 51.412 | 0.006  |
| 6/20/2007 8:08 | 15.751 | 4.839 | 51.413 | 0.001  |
| 6/20/2007 8:08 | 16.001 | 4.839 | 51.418 | 0.002  |
| 6/20/2007 8:08 | 16.251 | 4.84  | 51.414 | 0.003  |
| 6/20/2007 8:08 | 16.501 | 4.839 | 51.412 | 0.001  |
| 6/20/2007 8:08 | 16.751 | 4.839 | 51.419 | 0.001  |
| 6/20/2007 8:08 | 17.001 | 4.84  | 51.415 | 0.003  |
| 6/20/2007 8:08 | 17.251 | 4.839 | 51.414 | 0.001  |
| 6/20/2007 8:08 | 17.501 | 4.84  | 51.419 | 0.003  |
| 6/20/2007 8:08 | 17.751 | 4.839 | 51.422 | 0.001  |
| 6/20/2007 8:08 | 18.001 | 4.84  | 51.421 | 0.002  |
| 6/20/2007 8:08 | 18.251 | 4.838 | 51.418 | -0.003 |
| 6/20/2007 8:08 | 18.501 | 4.839 | 51.424 | 0      |
| 6/20/2007 8:08 | 18.751 | 4.839 | 51.419 | 0.001  |
| 6/20/2007 8:08 | 19.001 | 4.84  | 51.42  | 0.002  |
| 6/20/2007 8:08 | 19.251 | 4.839 | 51.425 | 0.001  |
| 6/20/2007 8:08 | 19.501 | 4.838 | 51.424 | 0      |
| 6/20/2007 8:08 | 19.751 | 4.838 | 51.425 | -0.001 |
| 6/20/2007 8:08 | 20.001 | 4.839 | 51.427 | 0.001  |
| 6/20/2007 8:08 | 20.251 | 4.838 | 51.43  | 0      |
| 6/20/2007 8:08 | 20.501 | 4.838 | 51.425 | -0.002 |
| 6/20/2007 8:08 | 20.751 | 4.84  | 51.427 | 0.003  |

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| 6/20/2007 8:08 | 21.001 | 4.839 | 51.428 | 0      |
| 6/20/2007 8:08 | 21.251 | 4.838 | 51.43  | 0      |
| 6/20/2007 8:08 | 21.501 | 4.84  | 51.434 | 0.003  |
| 6/20/2007 8:08 | 21.751 | 4.838 | 51.434 | 0      |
| 6/20/2007 8:08 | 22.001 | 4.839 | 51.434 | 0      |
| 6/20/2007 8:08 | 22.251 | 4.84  | 51.43  | 0.003  |
| 6/20/2007 8:08 | 22.524 | 4.839 | 51.429 | 0      |
| 6/20/2007 8:08 | 22.751 | 4.839 | 51.443 | 0.001  |
| 6/20/2007 8:08 | 23.001 | 4.839 | 51.443 | 0.001  |
| 6/20/2007 8:08 | 23.251 | 4.839 | 51.442 | 0      |
| 6/20/2007 8:08 | 23.501 | 4.839 | 51.44  | 0      |
| 6/20/2007 8:08 | 23.751 | 4.838 | 51.438 | -0.001 |
| 6/20/2007 8:08 | 24.001 | 4.84  | 51.441 | 0.003  |
| 6/20/2007 8:08 | 24.251 | 4.838 | 51.447 | -0.002 |
| 6/20/2007 8:08 | 24.501 | 4.838 | 51.446 | -0.002 |
| 6/20/2007 8:08 | 24.751 | 4.839 | 51.444 | 0.001  |
| 6/20/2007 8:08 | 25.001 | 4.84  | 51.447 | 0.003  |
| 6/20/2007 8:08 | 25.251 | 4.839 | 51.443 | 0.002  |
| 6/20/2007 8:08 | 25.501 | 4.843 | 51.445 | 0.01   |
| 6/20/2007 8:08 | 25.751 | 4.839 | 51.447 | 0.001  |
| 6/20/2007 8:08 | 26.001 | 4.839 | 51.447 | 0.001  |
| 6/20/2007 8:08 | 26.251 | 4.836 | 51.445 | -0.006 |
| 6/20/2007 8:08 | 26.501 | 4.838 | 51.45  | -0.002 |
| 6/20/2007 8:08 | 26.751 | 4.841 | 51.445 | 0.005  |
| 6/20/2007 8:08 | 27.001 | 4.84  | 51.453 | 0.004  |
| 6/20/2007 8:08 | 27.251 | 4.838 | 51.448 | -0.002 |
| 6/20/2007 8:08 | 27.501 | 4.839 | 51.453 | 0.001  |
| 6/20/2007 8:08 | 27.751 | 4.839 | 51.453 | 0.002  |
| 6/20/2007 8:08 | 28.001 | 4.84  | 51.454 | 0.002  |
| 6/20/2007 8:08 | 28.251 | 4.839 | 51.453 | 0.001  |
| 6/20/2007 8:08 | 28.501 | 4.836 | 51.453 | -0.005 |
| 6/20/2007 8:08 | 28.751 | 4.838 | 51.454 | 0      |
| 6/20/2007 8:08 | 29.001 | 4.84  | 51.458 | 0.003  |
| 6/20/2007 8:08 | 29.251 | 4.839 | 51.458 | 0.002  |
| 6/20/2007 8:08 | 29.501 | 4.84  | 51.459 | 0.003  |
| 6/20/2007 8:08 | 29.751 | 4.839 | 51.458 | 0      |
| 6/20/2007 8:08 | 30.001 | 4.839 | 51.458 | 0      |
| 6/20/2007 8:08 | 30.251 | 4.838 | 51.459 | -0.001 |
| 6/20/2007 8:08 | 30.501 | 4.84  | 51.461 | 0.003  |
| 6/20/2007 8:08 | 30.751 | 4.84  | 51.461 | 0.003  |
| 6/20/2007 8:08 | 31.001 | 4.838 | 51.464 | -0.001 |
| 6/20/2007 8:08 | 31.251 | 4.839 | 51.463 | 0.001  |
| 6/20/2007 8:08 | 31.501 | 4.838 | 51.463 | -0.001 |
| 6/20/2007 8:08 | 31.751 | 4.839 | 51.462 | 0.001  |

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| 6/20/2007 8:08 | 32.001 | 4.838 | 51.464 | -0.001 |
| 6/20/2007 8:08 | 32.251 | 4.838 | 51.464 | -0.001 |
| 6/20/2007 8:08 | 32.501 | 4.839 | 51.469 | 0.001  |
| 6/20/2007 8:08 | 32.751 | 4.837 | 51.469 | -0.004 |
| 6/20/2007 8:08 | 33.001 | 4.848 | 51.468 | 0.022  |
| 6/20/2007 8:08 | 33.251 | 4.838 | 51.467 | -0.001 |
| 6/20/2007 8:08 | 33.501 | 4.843 | 51.471 | 0.011  |
| 6/20/2007 8:08 | 33.751 | 4.833 | 51.468 | -0.012 |
| 6/20/2007 8:09 | 34.001 | 4.837 | 51.475 | -0.005 |
| 6/20/2007 8:09 | 34.251 | 4.769 | 51.471 | -0.162 |
| 6/20/2007 8:09 | 34.501 | 4.553 | 51.475 | -0.66  |
| 6/20/2007 8:09 | 34.751 | 4.391 | 51.472 | -1.033 |
| 6/20/2007 8:09 | 35.001 | 4.202 | 51.473 | -1.469 |
| 6/20/2007 8:09 | 35.251 | 4.41  | 51.476 | -0.99  |
| 6/20/2007 8:09 | 35.501 | 4.488 | 51.474 | -0.81  |
| 6/20/2007 8:09 | 35.751 | 4.152 | 51.476 | -1.586 |
| 6/20/2007 8:09 | 36.001 | 3.87  | 51.482 | -2.236 |
| 6/20/2007 8:09 | 36.251 | 3.824 | 51.475 | -2.343 |
| 6/20/2007 8:09 | 36.501 | 3.876 | 51.48  | -2.222 |
| 6/20/2007 8:09 | 36.751 | 3.73  | 51.48  | -2.559 |
| 6/20/2007 8:09 | 37.001 | 3.394 | 51.48  | -3.336 |
| 6/20/2007 8:09 | 37.251 | 3.501 | 51.477 | -3.088 |
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| 6/20/2007 8:09 | 37.751 | 3.495 | 51.481 | -3.103 |
| 6/20/2007 8:09 | 38.001 | 3.56  | 51.48  | -2.951 |
| 6/20/2007 8:09 | 38.251 | 3.574 | 51.481 | -2.921 |
| 6/20/2007 8:09 | 38.501 | 3.547 | 51.485 | -2.983 |
| 6/20/2007 8:09 | 38.751 | 3.593 | 51.481 | -2.875 |
| 6/20/2007 8:09 | 39.001 | 3.602 | 51.487 | -2.855 |
| 6/20/2007 8:09 | 39.251 | 3.591 | 51.481 | -2.881 |
| 6/20/2007 8:09 | 39.501 | 3.628 | 51.486 | -2.795 |
| 6/20/2007 8:09 | 39.751 | 3.631 | 51.481 | -2.788 |
| 6/20/2007 8:09 | 40.001 | 3.631 | 51.486 | -2.788 |
| 6/20/2007 8:09 | 40.251 | 3.659 | 51.488 | -2.724 |
| 6/20/2007 8:09 | 40.501 | 3.663 | 51.487 | -2.714 |
| 6/20/2007 8:09 | 40.751 | 3.669 | 51.492 | -2.701 |
| 6/20/2007 8:09 | 41.001 | 3.689 | 51.495 | -2.655 |
| 6/20/2007 8:09 | 41.251 | 3.696 | 51.489 | -2.638 |
| 6/20/2007 8:09 | 41.501 | 3.7   | 51.489 | -2.629 |
| 6/20/2007 8:09 | 41.751 | 3.721 | 51.49  | -2.581 |
| 6/20/2007 8:09 | 42.001 | 3.73  | 51.489 | -2.56  |
| 6/20/2007 8:09 | 42.251 | 3.737 | 51.492 | -2.544 |
| 6/20/2007 8:09 | 42.501 | 3.75  | 51.491 | -2.514 |
| 6/20/2007 8:09 | 42.751 | 3.76  | 51.493 | -2.49  |

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| 6/20/2007 8:09 | 43.001 | 3.769 | 51.491 | -2.471 |
| 6/20/2007 8:09 | 43.251 | 3.78  | 51.497 | -2.445 |
| 6/20/2007 8:09 | 43.501 | 3.79  | 51.494 | -2.422 |
| 6/20/2007 8:09 | 43.751 | 3.798 | 51.497 | -2.403 |
| 6/20/2007 8:09 | 44.001 | 3.808 | 51.495 | -2.38  |
| 6/20/2007 8:09 | 44.251 | 3.82  | 51.497 | -2.353 |
| 6/20/2007 8:09 | 44.501 | 3.826 | 51.497 | -2.337 |
| 6/20/2007 8:09 | 44.751 | 3.836 | 51.498 | -2.315 |
| 6/20/2007 8:09 | 45.001 | 3.845 | 51.498 | -2.295 |
| 6/20/2007 8:09 | 45.251 | 3.854 | 51.5   | -2.274 |
| 6/20/2007 8:09 | 45.501 | 3.863 | 51.502 | -2.252 |
| 6/20/2007 8:09 | 45.751 | 3.871 | 51.503 | -2.235 |
| 6/20/2007 8:09 | 46.001 | 3.88  | 51.498 | -2.214 |
| 6/20/2007 8:09 | 46.251 | 3.889 | 51.503 | -2.193 |
| 6/20/2007 8:09 | 46.501 | 3.895 | 51.505 | -2.18  |
| 6/20/2007 8:09 | 46.751 | 3.906 | 51.504 | -2.153 |
| 6/20/2007 8:09 | 47.001 | 3.912 | 51.5   | -2.139 |
| 6/20/2007 8:09 | 47.251 | 3.918 | 51.503 | -2.125 |
| 6/20/2007 8:09 | 47.501 | 3.924 | 51.505 | -2.111 |
| 6/20/2007 8:09 | 47.751 | 3.933 | 51.504 | -2.09  |
| 6/20/2007 8:09 | 48.001 | 3.941 | 51.509 | -2.073 |
| 6/20/2007 8:09 | 48.251 | 3.945 | 51.509 | -2.064 |
| 6/20/2007 8:09 | 48.501 | 3.952 | 51.509 | -2.046 |
| 6/20/2007 8:09 | 48.751 | 3.959 | 51.507 | -2.031 |
| 6/20/2007 8:09 | 49.001 | 3.966 | 51.511 | -2.014 |
| 6/20/2007 8:09 | 49.251 | 3.971 | 51.503 | -2.003 |
| 6/20/2007 8:09 | 49.501 | 3.977 | 51.505 | -1.99  |
| 6/20/2007 8:09 | 49.751 | 3.983 | 51.511 | -1.975 |
| 6/20/2007 8:09 | 50.001 | 3.989 | 51.509 | -1.963 |
| 6/20/2007 8:09 | 50.251 | 3.994 | 51.511 | -1.95  |
| 6/20/2007 8:09 | 50.501 | 4     | 51.506 | -1.937 |
| 6/20/2007 8:09 | 50.751 | 4.005 | 51.512 | -1.925 |
| 6/20/2007 8:09 | 51.001 | 4.011 | 51.506 | -1.912 |
| 6/20/2007 8:09 | 51.251 | 4.016 | 51.509 | -1.9   |
| 6/20/2007 8:09 | 51.501 | 4.02  | 51.51  | -1.889 |
| 6/20/2007 8:09 | 51.751 | 4.026 | 51.514 | -1.877 |
| 6/20/2007 8:09 | 52.001 | 4.031 | 51.514 | -1.864 |
| 6/20/2007 8:09 | 52.251 | 4.036 | 51.516 | -1.854 |
| 6/20/2007 8:09 | 52.501 | 4.04  | 51.513 | -1.843 |
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| 6/20/2007 8:09 | 53.001 | 4.048 | 51.518 | -1.826 |
| 6/20/2007 8:09 | 53.251 | 4.053 | 51.518 | -1.814 |
| 6/20/2007 8:09 | 53.501 | 4.057 | 51.51  | -1.804 |
| 6/20/2007 8:09 | 53.751 | 4.062 | 51.514 | -1.792 |

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| 6/20/2007 8:09 | 54.001 | 4.065 | 51.516 | -1.786 |
| 6/20/2007 8:09 | 54.251 | 4.07  | 51.521 | -1.774 |
| 6/20/2007 8:09 | 54.501 | 4.074 | 51.522 | -1.766 |
| 6/20/2007 8:09 | 54.751 | 4.079 | 51.52  | -1.754 |
| 6/20/2007 8:09 | 55.001 | 4.08  | 51.521 | -1.751 |
| 6/20/2007 8:09 | 55.251 | 4.085 | 51.52  | -1.74  |
| 6/20/2007 8:09 | 55.501 | 4.088 | 51.518 | -1.732 |
| 6/20/2007 8:09 | 55.751 | 4.092 | 51.524 | -1.724 |
| 6/20/2007 8:09 | 56.001 | 4.096 | 51.526 | -1.715 |
| 6/20/2007 8:09 | 56.251 | 4.099 | 51.525 | -1.707 |
| 6/20/2007 8:09 | 56.501 | 4.103 | 51.52  | -1.698 |
| 6/20/2007 8:09 | 56.751 | 4.107 | 51.527 | -1.688 |
| 6/20/2007 8:09 | 57.001 | 4.11  | 51.524 | -1.682 |
| 6/20/2007 8:09 | 57.251 | 4.113 | 51.526 | -1.676 |
| 6/20/2007 8:09 | 57.501 | 4.117 | 51.522 | -1.666 |
| 6/20/2007 8:09 | 57.751 | 4.121 | 51.525 | -1.656 |
| 6/20/2007 8:09 | 58.001 | 4.125 | 51.522 | -1.649 |
| 6/20/2007 8:09 | 58.251 | 4.127 | 51.525 | -1.643 |
| 6/20/2007 8:09 | 58.501 | 4.132 | 51.531 | -1.632 |
| 6/20/2007 8:09 | 58.751 | 4.134 | 51.53  | -1.627 |
| 6/20/2007 8:09 | 59.001 | 4.138 | 51.525 | -1.618 |
| 6/20/2007 8:09 | 59.251 | 4.14  | 51.527 | -1.614 |
| 6/20/2007 8:09 | 59.501 | 4.145 | 51.528 | -1.602 |
| 6/20/2007 8:09 | 59.751 | 4.157 | 51.529 | -1.573 |
| 6/20/2007 8:09 | 60.001 | 4.152 | 51.536 | -1.585 |
| 6/20/2007 8:09 | 60.251 | 4.155 | 51.533 | -1.578 |
| 6/20/2007 8:09 | 60.501 | 4.155 | 51.536 | -1.578 |
| 6/20/2007 8:09 | 60.751 | 4.161 | 51.53  | -1.565 |
| 6/20/2007 8:09 | 61.001 | 4.164 | 51.532 | -1.558 |
| 6/20/2007 8:09 | 61.251 | 4.166 | 51.531 | -1.552 |
| 6/20/2007 8:09 | 61.501 | 4.171 | 51.537 | -1.54  |
| 6/20/2007 8:09 | 61.751 | 4.175 | 51.536 | -1.533 |
| 6/20/2007 8:09 | 62.001 | 4.177 | 51.54  | -1.528 |
| 6/20/2007 8:09 | 62.251 | 4.181 | 51.532 | -1.518 |
| 6/20/2007 8:09 | 62.501 | 4.184 | 51.532 | -1.511 |
| 6/20/2007 8:09 | 62.751 | 4.188 | 51.535 | -1.503 |
| 6/20/2007 8:09 | 63.001 | 4.19  | 51.537 | -1.497 |
| 6/20/2007 8:09 | 63.251 | 4.193 | 51.532 | -1.49  |
| 6/20/2007 8:09 | 63.501 | 4.196 | 51.536 | -1.484 |
| 6/20/2007 8:09 | 63.751 | 4.198 | 51.531 | -1.479 |
| 6/20/2007 8:09 | 64.001 | 4.202 | 51.541 | -1.471 |
| 6/20/2007 8:09 | 64.251 | 4.206 | 51.538 | -1.46  |
| 6/20/2007 8:09 | 64.501 | 4.208 | 51.538 | -1.456 |
| 6/20/2007 8:09 | 64.751 | 4.21  | 51.538 | -1.451 |

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| 6/20/2007 8:09 | 65.001 | 4.213 | 51.545 | -1.444 |
| 6/20/2007 8:09 | 65.251 | 4.217 | 51.539 | -1.436 |
| 6/20/2007 8:09 | 65.501 | 4.218 | 51.541 | -1.432 |
| 6/20/2007 8:09 | 65.751 | 4.223 | 51.541 | -1.421 |
| 6/20/2007 8:09 | 66.001 | 4.224 | 51.537 | -1.419 |
| 6/20/2007 8:09 | 66.251 | 4.228 | 51.541 | -1.41  |
| 6/20/2007 8:09 | 66.641 | 4.23  | 51.521 | -1.405 |
| 6/20/2007 8:09 | 66.846 | 4.233 | 51.566 | -1.398 |
| 6/20/2007 8:09 | 67.18  | 4.237 | 51.528 | -1.389 |
| 6/20/2007 8:09 | 67.572 | 4.238 | 51.542 | -1.387 |
| 6/20/2007 8:09 | 67.776 | 4.24  | 51.548 | -1.382 |
| 6/20/2007 8:09 | 67.981 | 4.242 | 51.556 | -1.378 |
| 6/20/2007 8:09 | 68.185 | 4.243 | 51.565 | -1.376 |
| 6/20/2007 8:09 | 68.389 | 4.245 | 51.57  | -1.37  |
| 6/20/2007 8:09 | 68.593 | 4.247 | 51.537 | -1.366 |
| 6/20/2007 8:09 | 68.983 | 4.249 | 51.58  | -1.361 |
| 6/20/2007 8:09 | 69.319 | 4.252 | 51.544 | -1.354 |
| 6/20/2007 8:09 | 69.715 | 4.253 | 51.525 | -1.352 |
| 6/20/2007 8:09 | 70.118 | 4.255 | 51.575 | -1.347 |
| 6/20/2007 8:09 | 70.453 | 4.261 | 51.535 | -1.334 |
| 6/20/2007 8:09 | 70.844 | 4.259 | 51.52  | -1.338 |
| 6/20/2007 8:09 | 71.235 | 4.26  | 51.565 | -1.335 |
| 6/20/2007 8:09 | 71.57  | 4.26  | 51.537 | -1.336 |
| 6/20/2007 8:09 | 71.962 | 4.262 | 51.513 | -1.332 |
| 6/20/2007 8:09 | 72.352 | 4.263 | 51.574 | -1.33  |
| 6/20/2007 8:09 | 72.687 | 4.262 | 51.531 | -1.331 |
| 6/20/2007 8:09 | 73.077 | 4.266 | 51.521 | -1.323 |
| 6/20/2007 8:09 | 73.467 | 4.266 | 51.57  | -1.323 |
| 6/20/2007 8:09 | 73.803 | 4.267 | 51.537 | -1.321 |
| 6/20/2007 8:09 | 74.195 | 4.268 | 51.52  | -1.318 |
| 6/20/2007 8:09 | 74.585 | 4.268 | 51.57  | -1.317 |
| 6/20/2007 8:09 | 74.921 | 4.269 | 51.54  | -1.315 |
| 6/20/2007 8:09 | 75.317 | 4.269 | 51.519 | -1.315 |
| 6/20/2007 8:09 | 75.708 | 4.269 | 51.575 | -1.316 |
| 6/20/2007 8:09 | 76.043 | 4.271 | 51.535 | -1.31  |
| 6/20/2007 8:09 | 76.433 | 4.27  | 51.518 | -1.312 |
| 6/20/2007 8:09 | 76.824 | 4.272 | 51.576 | -1.309 |
| 6/20/2007 8:09 | 77.16  | 4.274 | 51.541 | -1.305 |
| 6/20/2007 8:09 | 77.555 | 4.274 | 51.529 | -1.303 |
| 6/20/2007 8:09 | 77.946 | 4.274 | 51.58  | -1.304 |
| 6/20/2007 8:09 | 78.28  | 4.274 | 51.539 | -1.304 |
| 6/20/2007 8:09 | 78.671 | 4.275 | 51.529 | -1.302 |
| 6/20/2007 8:09 | 79.061 | 4.274 | 51.58  | -1.304 |
| 6/20/2007 8:09 | 79.397 | 4.275 | 51.543 | -1.3   |

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| 6/20/2007 8:09 | 79.792 | 4.277 | 51.531 | -1.297 |
| 6/20/2007 8:09 | 80.182 | 4.278 | 51.592 | -1.294 |
| 6/20/2007 8:09 | 80.529 | 4.278 | 51.547 | -1.295 |
| 6/20/2007 8:09 | 80.92  | 4.279 | 51.531 | -1.292 |
| 6/20/2007 8:09 | 81.312 | 4.28  | 51.587 | -1.291 |
| 6/20/2007 8:09 | 81.648 | 4.279 | 51.545 | -1.292 |
| 6/20/2007 8:09 | 82.042 | 4.28  | 51.537 | -1.29  |
| 6/20/2007 8:09 | 82.432 | 4.279 | 51.591 | -1.293 |
| 6/20/2007 8:09 | 82.768 | 4.281 | 51.551 | -1.288 |
| 6/20/2007 8:09 | 83.16  | 4.281 | 51.531 | -1.287 |
| 6/20/2007 8:09 | 83.551 | 4.281 | 51.59  | -1.288 |
| 6/20/2007 8:09 | 83.885 | 4.282 | 51.553 | -1.285 |
| 6/20/2007 8:09 | 84.28  | 4.282 | 51.541 | -1.285 |
| 6/20/2007 8:09 | 84.67  | 4.283 | 51.587 | -1.282 |
| 6/20/2007 8:09 | 85.006 | 4.286 | 51.554 | -1.276 |
| 6/20/2007 8:09 | 85.398 | 4.284 | 51.539 | -1.28  |
| 6/20/2007 8:09 | 85.79  | 4.284 | 51.59  | -1.28  |
| 6/20/2007 8:09 | 86.125 | 4.284 | 51.559 | -1.28  |
| 6/20/2007 8:09 | 86.516 | 4.285 | 51.54  | -1.278 |
| 6/20/2007 8:09 | 86.906 | 4.285 | 51.592 | -1.279 |
| 6/20/2007 8:09 | 87.242 | 4.286 | 51.558 | -1.275 |
| 6/20/2007 8:09 | 87.633 | 4.286 | 51.541 | -1.275 |
| 6/20/2007 8:09 | 88.023 | 4.286 | 51.592 | -1.275 |
| 6/20/2007 8:09 | 88.358 | 4.287 | 51.552 | -1.273 |
| 6/20/2007 8:09 | 88.749 | 4.289 | 51.541 | -1.269 |
| 6/20/2007 8:09 | 89.139 | 4.289 | 51.594 | -1.27  |
| 6/20/2007 8:09 | 89.475 | 4.288 | 51.56  | -1.271 |
| 6/20/2007 8:09 | 89.867 | 4.289 | 51.544 | -1.268 |
| 6/20/2007 8:09 | 90.258 | 4.287 | 51.602 | -1.273 |
| 6/20/2007 8:09 | 90.593 | 4.291 | 51.57  | -1.264 |
| 6/20/2007 8:09 | 90.997 | 4.291 | 51.549 | -1.264 |
| 6/20/2007 8:09 | 91.387 | 4.291 | 51.6   | -1.263 |
| 6/20/2007 8:09 | 91.722 | 4.292 | 51.567 | -1.263 |
| 6/20/2007 8:09 | 92.114 | 4.292 | 51.552 | -1.263 |
| 6/20/2007 8:09 | 92.505 | 4.293 | 51.604 | -1.26  |
| 6/20/2007 8:09 | 92.84  | 4.292 | 51.568 | -1.262 |
| 6/20/2007 8:09 | 93.23  | 4.291 | 51.55  | -1.264 |
| 6/20/2007 8:09 | 93.62  | 4.293 | 51.604 | -1.26  |
| 6/20/2007 8:10 | 93.955 | 4.293 | 51.565 | -1.26  |
| 6/20/2007 8:10 | 94.347 | 4.295 | 51.549 | -1.256 |
| 6/20/2007 8:10 | 94.739 | 4.293 | 51.605 | -1.26  |
| 6/20/2007 8:10 | 95.074 | 4.295 | 51.572 | -1.256 |
| 6/20/2007 8:10 | 95.465 | 4.295 | 51.554 | -1.255 |
| 6/20/2007 8:10 | 95.855 | 4.296 | 51.606 | -1.254 |

|                |         |       |        |        |
|----------------|---------|-------|--------|--------|
| 6/20/2007 8:10 | 96.19   | 4.295 | 51.576 | -1.255 |
| 6/20/2007 8:10 | 96.586  | 4.297 | 51.557 | -1.251 |
| 6/20/2007 8:10 | 96.977  | 4.297 | 51.611 | -1.251 |
| 6/20/2007 8:10 | 97.311  | 4.298 | 51.573 | -1.249 |
| 6/20/2007 8:10 | 97.702  | 4.297 | 51.557 | -1.251 |
| 6/20/2007 8:10 | 98.093  | 4.297 | 51.609 | -1.251 |
| 6/20/2007 8:10 | 98.429  | 4.298 | 51.576 | -1.248 |
| 6/20/2007 8:10 | 98.82   | 4.299 | 51.553 | -1.246 |
| 6/20/2007 8:10 | 99.21   | 4.299 | 51.613 | -1.247 |
| 6/20/2007 8:10 | 99.546  | 4.301 | 51.572 | -1.241 |
| 6/20/2007 8:10 | 99.937  | 4.3   | 51.561 | -1.244 |
| 6/20/2007 8:10 | 100.328 | 4.301 | 51.61  | -1.242 |
| 6/20/2007 8:10 | 100.663 | 4.301 | 51.577 | -1.241 |
| 6/20/2007 8:10 | 101.055 | 4.301 | 51.56  | -1.241 |
| 6/20/2007 8:10 | 101.445 | 4.3   | 51.617 | -1.243 |
| 6/20/2007 8:10 | 101.78  | 4.302 | 51.576 | -1.239 |
| 6/20/2007 8:10 | 102.171 | 4.3   | 51.562 | -1.243 |
| 6/20/2007 8:10 | 102.561 | 4.303 | 51.616 | -1.237 |
| 6/20/2007 8:10 | 102.897 | 4.301 | 51.588 | -1.241 |
| 6/20/2007 8:10 | 103.302 | 4.304 | 51.567 | -1.234 |
| 6/20/2007 8:10 | 103.693 | 4.304 | 51.618 | -1.233 |
| 6/20/2007 8:10 | 104.029 | 4.305 | 51.582 | -1.233 |
| 6/20/2007 8:10 | 104.419 | 4.305 | 51.565 | -1.232 |
| 6/20/2007 8:10 | 104.809 | 4.304 | 51.623 | -1.235 |
| 6/20/2007 8:10 | 105.144 | 4.306 | 51.582 | -1.23  |
| 6/20/2007 8:10 | 105.536 | 4.306 | 51.569 | -1.231 |
| 6/20/2007 8:10 | 105.927 | 4.306 | 51.626 | -1.23  |
| 6/20/2007 8:10 | 106.262 | 4.306 | 51.581 | -1.23  |
| 6/20/2007 8:10 | 106.652 | 4.307 | 51.567 | -1.227 |
| 6/20/2007 8:10 | 107.042 | 4.307 | 51.622 | -1.227 |
| 6/20/2007 8:10 | 107.377 | 4.308 | 51.585 | -1.225 |
| 6/20/2007 8:10 | 107.769 | 4.308 | 51.573 | -1.226 |
| 6/20/2007 8:10 | 108.16  | 4.307 | 51.621 | -1.227 |
| 6/20/2007 8:10 | 108.496 | 4.309 | 51.59  | -1.222 |
| 6/20/2007 8:10 | 108.892 | 4.309 | 51.574 | -1.223 |
| 6/20/2007 8:10 | 109.283 | 4.308 | 51.62  | -1.226 |
| 6/20/2007 8:10 | 109.617 | 4.309 | 51.592 | -1.223 |
| 6/20/2007 8:10 | 110.009 | 4.31  | 51.573 | -1.221 |
| 6/20/2007 8:10 | 110.399 | 4.31  | 51.625 | -1.221 |
| 6/20/2007 8:10 | 110.734 | 4.311 | 51.582 | -1.219 |
| 6/20/2007 8:10 | 111.125 | 4.311 | 51.575 | -1.217 |
| 6/20/2007 8:10 | 111.516 | 4.31  | 51.63  | -1.22  |
| 6/20/2007 8:10 | 111.851 | 4.313 | 51.585 | -1.214 |
| 6/20/2007 8:10 | 112.242 | 4.312 | 51.579 | -1.216 |

|                |         |       |        |        |
|----------------|---------|-------|--------|--------|
| 6/20/2007 8:10 | 112.632 | 4.312 | 51.629 | -1.216 |
| 6/20/2007 8:10 | 112.968 | 4.311 | 51.591 | -1.217 |
| 6/20/2007 8:10 | 113.359 | 4.313 | 51.586 | -1.215 |
| 6/20/2007 8:10 | 113.761 | 4.314 | 51.632 | -1.21  |
| 6/20/2007 8:10 | 114.097 | 4.314 | 51.592 | -1.212 |
| 6/20/2007 8:10 | 114.489 | 4.315 | 51.582 | -1.208 |
| 6/20/2007 8:10 | 114.88  | 4.314 | 51.631 | -1.211 |
| 6/20/2007 8:10 | 115.215 | 4.314 | 51.593 | -1.211 |
| 6/20/2007 8:10 | 115.606 | 4.314 | 51.582 | -1.21  |
| 6/20/2007 8:10 | 115.995 | 4.315 | 51.635 | -1.208 |
| 6/20/2007 8:10 | 116.331 | 4.316 | 51.6   | -1.208 |
| 6/20/2007 8:10 | 116.726 | 4.316 | 51.584 | -1.207 |
| 6/20/2007 8:10 | 117.116 | 4.316 | 51.634 | -1.207 |
| 6/20/2007 8:10 | 117.452 | 4.316 | 51.6   | -1.206 |
| 6/20/2007 8:10 | 117.843 | 4.317 | 51.58  | -1.205 |
| 6/20/2007 8:10 | 118.233 | 4.318 | 51.637 | -1.202 |
| 6/20/2007 8:10 | 118.569 | 4.318 | 51.602 | -1.202 |
| 6/20/2007 8:10 | 118.964 | 4.318 | 51.582 | -1.203 |
| 6/20/2007 8:10 | 119.354 | 4.318 | 51.636 | -1.202 |
| 6/20/2007 8:10 | 119.689 | 4.319 | 51.595 | -1.201 |
| 6/20/2007 8:10 | 120.082 | 4.319 | 51.582 | -1.2   |
| 6/20/2007 8:10 | 120.472 | 4.32  | 51.632 | -1.196 |
| 6/20/2007 8:10 | 120.807 | 4.319 | 51.598 | -1.199 |
| 6/20/2007 8:10 | 121.198 | 4.32  | 51.585 | -1.197 |
| 6/20/2007 8:10 | 121.588 | 4.32  | 51.639 | -1.199 |
| 6/20/2007 8:10 | 121.923 | 4.32  | 51.603 | -1.197 |
| 6/20/2007 8:10 | 122.317 | 4.32  | 51.583 | -1.197 |
| 6/20/2007 8:10 | 122.708 | 4.322 | 51.64  | -1.193 |
| 6/20/2007 8:10 | 123.043 | 4.321 | 51.602 | -1.196 |
| 6/20/2007 8:10 | 123.434 | 4.322 | 51.592 | -1.192 |
| 6/20/2007 8:10 | 123.823 | 4.322 | 51.647 | -1.193 |
| 6/20/2007 8:10 | 124.171 | 4.323 | 51.604 | -1.191 |
| 6/20/2007 8:10 | 124.562 | 4.324 | 51.594 | -1.189 |
| 6/20/2007 8:10 | 124.951 | 4.323 | 51.643 | -1.19  |
| 6/20/2007 8:10 | 125.288 | 4.325 | 51.606 | -1.187 |
| 6/20/2007 8:10 | 125.684 | 4.324 | 51.592 | -1.188 |
| 6/20/2007 8:10 | 126.074 | 4.325 | 51.643 | -1.186 |
| 6/20/2007 8:10 | 126.41  | 4.324 | 51.609 | -1.187 |
| 6/20/2007 8:10 | 126.803 | 4.326 | 51.593 | -1.184 |
| 6/20/2007 8:10 | 127.194 | 4.325 | 51.648 | -1.185 |
| 6/20/2007 8:10 | 127.528 | 4.325 | 51.602 | -1.185 |
| 6/20/2007 8:10 | 127.92  | 4.327 | 51.597 | -1.181 |
| 6/20/2007 8:10 | 128.31  | 4.326 | 51.648 | -1.184 |
| 6/20/2007 8:10 | 128.645 | 4.328 | 51.603 | -1.18  |

|                |         |       |        |        |
|----------------|---------|-------|--------|--------|
| 6/20/2007 8:10 | 129.038 | 4.326 | 51.595 | -1.183 |
| 6/20/2007 8:10 | 129.428 | 4.327 | 51.647 | -1.181 |
| 6/20/2007 8:10 | 129.763 | 4.328 | 51.611 | -1.179 |
| 6/20/2007 8:10 | 130.154 | 4.326 | 51.593 | -1.184 |
| 6/20/2007 8:10 | 130.543 | 4.328 | 51.647 | -1.179 |
| 6/20/2007 8:10 | 130.879 | 4.329 | 51.609 | -1.178 |
| 6/20/2007 8:10 | 131.271 | 4.328 | 51.595 | -1.178 |
| 6/20/2007 8:10 | 131.663 | 4.329 | 51.65  | -1.176 |
| 6/20/2007 8:10 | 131.998 | 4.33  | 51.611 | -1.175 |
| 6/20/2007 8:10 | 132.388 | 4.33  | 51.596 | -1.175 |
| 6/20/2007 8:10 | 132.778 | 4.331 | 51.646 | -1.173 |
| 6/20/2007 8:10 | 133.113 | 4.33  | 51.613 | -1.174 |
| 6/20/2007 8:10 | 133.505 | 4.331 | 51.597 | -1.173 |
| 6/20/2007 8:10 | 133.896 | 4.331 | 51.649 | -1.173 |
| 6/20/2007 8:10 | 134.231 | 4.331 | 51.621 | -1.172 |
| 6/20/2007 8:10 | 134.635 | 4.332 | 51.598 | -1.17  |
| 6/20/2007 8:10 | 135.025 | 4.333 | 51.649 | -1.168 |
| 6/20/2007 8:10 | 135.36  | 4.334 | 51.619 | -1.165 |
| 6/20/2007 8:10 | 135.756 | 4.332 | 51.598 | -1.17  |
| 6/20/2007 8:10 | 136.147 | 4.332 | 51.657 | -1.17  |
| 6/20/2007 8:10 | 136.481 | 4.333 | 51.619 | -1.167 |
| 6/20/2007 8:10 | 136.872 | 4.335 | 51.598 | -1.164 |
| 6/20/2007 8:10 | 137.262 | 4.335 | 51.65  | -1.162 |
| 6/20/2007 8:10 | 137.597 | 4.335 | 51.615 | -1.162 |
| 6/20/2007 8:10 | 137.992 | 4.336 | 51.601 | -1.161 |
| 6/20/2007 8:10 | 138.383 | 4.335 | 51.654 | -1.164 |
| 6/20/2007 8:10 | 138.717 | 4.336 | 51.615 | -1.16  |
| 6/20/2007 8:10 | 139.108 | 4.337 | 51.595 | -1.159 |
| 6/20/2007 8:10 | 139.498 | 4.336 | 51.65  | -1.161 |
| 6/20/2007 8:10 | 139.834 | 4.336 | 51.622 | -1.16  |
| 6/20/2007 8:10 | 140.232 | 4.336 | 51.604 | -1.162 |
| 6/20/2007 8:10 | 140.621 | 4.336 | 51.659 | -1.16  |
| 6/20/2007 8:10 | 140.957 | 4.337 | 51.617 | -1.158 |
| 6/20/2007 8:10 | 141.348 | 4.339 | 51.609 | -1.154 |
| 6/20/2007 8:10 | 141.739 | 4.339 | 51.658 | -1.153 |
| 6/20/2007 8:10 | 142.074 | 4.338 | 51.619 | -1.156 |
| 6/20/2007 8:10 | 142.465 | 4.338 | 51.607 | -1.155 |
| 6/20/2007 8:10 | 142.854 | 4.338 | 51.664 | -1.155 |
| 6/20/2007 8:10 | 143.189 | 4.34  | 51.618 | -1.152 |
| 6/20/2007 8:10 | 143.582 | 4.339 | 51.604 | -1.154 |
| 6/20/2007 8:10 | 143.972 | 4.34  | 51.66  | -1.151 |
| 6/20/2007 8:10 | 144.307 | 4.34  | 51.626 | -1.151 |
| 6/20/2007 8:10 | 144.699 | 4.341 | 51.608 | -1.149 |
| 6/20/2007 8:10 | 145.089 | 4.342 | 51.654 | -1.147 |

|                |          |       |        |        |
|----------------|----------|-------|--------|--------|
| 6/20/2007 8:10 | 145.424  | 4.34  | 51.619 | -1.15  |
| 6/20/2007 8:11 | 180.013  | 4.368 | 51.435 | -1.086 |
| 6/20/2007 8:12 | 240.001  | 4.412 | 51.38  | -0.986 |
| 6/20/2007 8:13 | 300.001  | 4.451 | 51.37  | -0.896 |
| 6/20/2007 8:14 | 360.005  | 4.486 | 51.369 | -0.813 |
| 6/20/2007 8:15 | 420.183  | 4.515 | 51.368 | -0.746 |
| 6/20/2007 8:16 | 480.001  | 4.545 | 51.33  | -0.678 |
| 6/20/2007 8:17 | 540.154  | 4.567 | 51.326 | -0.627 |
| 6/20/2007 8:18 | 600.001  | 4.589 | 51.33  | -0.577 |
| 6/20/2007 8:19 | 660.001  | 4.609 | 51.334 | -0.531 |
| 6/20/2007 8:20 | 720.134  | 4.626 | 51.335 | -0.492 |
| 6/20/2007 8:21 | 780.001  | 4.641 | 51.307 | -0.456 |
| 6/20/2007 8:22 | 840.001  | 4.657 | 51.179 | -0.42  |
| 6/20/2007 8:23 | 900.001  | 4.669 | 51.123 | -0.392 |
| 6/20/2007 8:24 | 960.001  | 4.679 | 51.097 | -0.368 |
| 6/20/2007 8:25 | 1020.001 | 4.687 | 51.075 | -0.349 |
| 6/20/2007 8:26 | 1080.001 | 4.697 | 51.067 | -0.326 |
| 6/20/2007 8:27 | 1140.001 | 4.705 | 51.056 | -0.307 |
| 6/20/2007 8:28 | 1200.001 | 4.712 | 51.048 | -0.292 |
| 6/20/2007 8:29 | 1260.001 | 4.718 | 51.043 | -0.279 |
| 6/20/2007 8:30 | 1320.001 | 4.722 | 51.036 | -0.269 |

---

## Raw Test Data for P-389 S Falling Head

Report Date: 6/26/2007 11:13  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p389s slug 2007-06-20 09.06.31.wsl  
Create Date 6/20/2007 8:06

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p389s slug        |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/20/2007 7:42    |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.82626 (PSI)     |
| Temperature                   | 53.7242 (F)       |
| Depth of Probe                | 11.1455 (ft)      |

Log Notes:

|                |                                                |
|----------------|------------------------------------------------|
| Date and Time  | Note                                           |
| 6/20/2007 7:41 | User Note: "Level reference initialized to: 0" |
| 6/20/2007 7:42 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time  | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941<br>Pressure (PSI) | Sensor: Pres 30G<br>SN#: 102941<br>Temperature (F) | Sensor: Pres 30G<br>SN#: 102941<br>Level-Surface (ft) |
|----------------|-------------------------|---------------------------------------------------|----------------------------------------------------|-------------------------------------------------------|
|                |                         |                                                   |                                                    |                                                       |
| 6/20/2007 7:42 | 0                       | 4.828                                             | 53.142                                             | 0.005                                                 |
| 6/20/2007 7:42 | 0.25                    | 4.828                                             | 53.18                                              | 0.004                                                 |
| 6/20/2007 7:42 | 0.5                     | 4.828                                             | 53.2                                               | 0.005                                                 |
| 6/20/2007 7:42 | 0.75                    | 4.834                                             | 53.219                                             | 0.018                                                 |
| 6/20/2007 7:42 | 1.372                   | 4.831                                             | 53.348                                             | 0.01                                                  |
| 6/20/2007 7:42 | 1.577                   | 4.831                                             | 53.332                                             | 0.011                                                 |
| 6/20/2007 7:42 | 1.783                   | 4.828                                             | 53.328                                             | 0.003                                                 |
| 6/20/2007 7:42 | 1.987                   | 4.829                                             | 53.328                                             | 0.006                                                 |
| 6/20/2007 7:42 | 2.64                    | 4.83                                              | 53.411                                             | 0.009                                                 |
| 6/20/2007 7:42 | 2.846                   | 4.83                                              | 53.396                                             | 0.007                                                 |
| 6/20/2007 7:42 | 3.051                   | 4.826                                             | 53.383                                             | -0.001                                                |
| 6/20/2007 7:42 | 3.255                   | 4.826                                             | 53.37                                              | -0.001                                                |
| 6/20/2007 7:42 | 3.826                   | 4.827                                             | 53.291                                             | 0.002                                                 |
| 6/20/2007 7:42 | 4.031                   | 4.83                                              | 53.307                                             | 0.008                                                 |
| 6/20/2007 7:42 | 4.236                   | 4.829                                             | 53.32                                              | 0.007                                                 |
| 6/20/2007 7:42 | 4.447                   | 4.826                                             | 53.319                                             | -0.001                                                |
| 6/20/2007 7:42 | 4.651                   | 4.829                                             | 53.324                                             | 0.007                                                 |
| 6/20/2007 7:42 | 4.855                   | 4.829                                             | 53.33                                              | 0.007                                                 |
| 6/20/2007 7:42 | 5.06                    | 4.827                                             | 53.328                                             | 0.001                                                 |
| 6/20/2007 7:42 | 5.264                   | 4.825                                             | 53.327                                             | -0.003                                                |
| 6/20/2007 7:42 | 5.468                   | 4.826                                             | 53.336                                             | -0.001                                                |
| 6/20/2007 7:42 | 5.673                   | 4.828                                             | 53.326                                             | 0.003                                                 |
| 6/20/2007 7:42 | 5.877                   | 4.828                                             | 53.332                                             | 0.003                                                 |
| 6/20/2007 7:42 | 6.082                   | 4.827                                             | 53.335                                             | 0.003                                                 |
| 6/20/2007 7:42 | 6.286                   | 4.827                                             | 53.333                                             | 0.003                                                 |
| 6/20/2007 7:42 | 6.49                    | 4.825                                             | 53.331                                             | -0.002                                                |
| 6/20/2007 7:42 | 6.694                   | 4.828                                             | 53.331                                             | 0.005                                                 |
| 6/20/2007 7:42 | 6.899                   | 4.828                                             | 53.333                                             | 0.004                                                 |
| 6/20/2007 7:42 | 7.103                   | 4.828                                             | 53.334                                             | 0.003                                                 |
| 6/20/2007 7:42 | 7.307                   | 4.827                                             | 53.328                                             | 0.003                                                 |
| 6/20/2007 7:42 | 7.512                   | 4.828                                             | 53.333                                             | 0.004                                                 |
| 6/20/2007 7:42 | 7.75                    | 4.825                                             | 53.324                                             | -0.003                                                |
| 6/20/2007 7:42 | 8                       | 4.826                                             | 53.315                                             | 0                                                     |
| 6/20/2007 7:42 | 8.25                    | 4.829                                             | 53.31                                              | 0.007                                                 |
| 6/20/2007 7:42 | 8.5                     | 4.827                                             | 53.307                                             | 0.001                                                 |
| 6/20/2007 7:42 | 8.75                    | 4.825                                             | 53.306                                             | -0.002                                                |
| 6/20/2007 7:42 | 9                       | 4.825                                             | 53.302                                             | -0.003                                                |
| 6/20/2007 7:42 | 9.25                    | 4.827                                             | 53.299                                             | 0.003                                                 |
| 6/20/2007 7:42 | 9.5                     | 4.827                                             | 53.289                                             | 0.003                                                 |
| 6/20/2007 7:42 | 9.75                    | 4.828                                             | 53.292                                             | 0.005                                                 |

|                |       |       |        |        |
|----------------|-------|-------|--------|--------|
| 6/20/2007 7:42 | 10    | 4.824 | 53.294 | -0.005 |
| 6/20/2007 7:42 | 10.25 | 4.825 | 53.282 | -0.004 |
| 6/20/2007 7:42 | 10.5  | 4.826 | 53.284 | 0      |
| 6/20/2007 7:42 | 10.75 | 4.828 | 53.283 | 0.005  |
| 6/20/2007 7:42 | 11    | 4.827 | 53.287 | 0.001  |
| 6/20/2007 7:42 | 11.25 | 4.828 | 53.28  | 0.005  |
| 6/20/2007 7:42 | 11.5  | 4.825 | 53.273 | -0.002 |
| 6/20/2007 7:42 | 11.75 | 4.825 | 53.273 | -0.003 |
| 6/20/2007 7:42 | 12    | 4.828 | 53.277 | 0.004  |
| 6/20/2007 7:42 | 12.25 | 4.828 | 53.274 | 0.003  |
| 6/20/2007 7:42 | 12.5  | 4.828 | 53.266 | 0.005  |
| 6/20/2007 7:42 | 12.75 | 4.827 | 53.269 | 0.002  |
| 6/20/2007 7:42 | 13    | 4.826 | 53.271 | 0      |
| 6/20/2007 7:42 | 13.25 | 4.827 | 53.271 | 0.002  |
| 6/20/2007 7:42 | 13.5  | 4.828 | 53.267 | 0.005  |
| 6/20/2007 7:42 | 13.75 | 4.824 | 53.264 | -0.005 |
| 6/20/2007 7:42 | 14    | 4.826 | 53.267 | 0      |
| 6/20/2007 7:42 | 14.25 | 4.823 | 53.262 | -0.007 |
| 6/20/2007 7:42 | 14.5  | 4.828 | 53.262 | 0.004  |
| 6/20/2007 7:42 | 14.75 | 4.827 | 53.263 | 0.001  |
| 6/20/2007 7:42 | 15    | 4.829 | 53.259 | 0.005  |
| 6/20/2007 7:42 | 15.25 | 4.823 | 53.256 | -0.008 |
| 6/20/2007 7:42 | 15.5  | 4.829 | 53.255 | 0.006  |
| 6/20/2007 7:42 | 15.75 | 4.827 | 53.255 | 0.001  |
| 6/20/2007 7:42 | 16    | 4.827 | 53.253 | 0.003  |
| 6/20/2007 7:42 | 16.25 | 4.827 | 53.257 | 0.002  |
| 6/20/2007 7:42 | 16.5  | 4.823 | 53.259 | -0.008 |
| 6/20/2007 7:42 | 16.75 | 4.823 | 53.249 | -0.008 |
| 6/20/2007 7:42 | 17    | 4.825 | 53.253 | -0.002 |
| 6/20/2007 7:42 | 17.25 | 4.824 | 53.248 | -0.005 |
| 6/20/2007 7:42 | 17.5  | 4.828 | 53.249 | 0.003  |
| 6/20/2007 7:42 | 17.75 | 4.826 | 53.244 | 0      |
| 6/20/2007 7:42 | 18    | 4.823 | 53.242 | -0.007 |
| 6/20/2007 7:42 | 18.25 | 4.826 | 53.245 | -0.001 |
| 6/20/2007 7:42 | 18.5  | 4.826 | 53.242 | -0.002 |
| 6/20/2007 7:42 | 18.75 | 4.827 | 53.24  | 0.001  |
| 6/20/2007 7:42 | 19    | 4.826 | 53.232 | 0      |
| 6/20/2007 7:42 | 19.25 | 4.825 | 53.239 | -0.004 |
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| 6/20/2007 7:42 | 19.75 | 4.827 | 53.234 | 0.001  |
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| 6/20/2007 7:42 | 20.75 | 4.823 | 53.231 | -0.007 |

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| 6/20/2007 7:42 | 21.5  | 4.827 | 53.231 | 0.002  |
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| 6/20/2007 7:42 | 22.25 | 4.825 | 53.224 | -0.002 |
| 6/20/2007 7:42 | 22.5  | 4.826 | 53.216 | 0      |
| 6/20/2007 7:42 | 22.75 | 4.827 | 53.222 | 0.001  |
| 6/20/2007 7:42 | 23    | 4.825 | 53.22  | -0.003 |
| 6/20/2007 7:42 | 23.25 | 4.825 | 53.219 | -0.003 |
| 6/20/2007 7:42 | 23.5  | 4.828 | 53.214 | 0.003  |
| 6/20/2007 7:42 | 23.75 | 4.827 | 53.225 | 0.002  |
| 6/20/2007 7:42 | 24    | 4.824 | 53.218 | -0.005 |
| 6/20/2007 7:42 | 24.25 | 4.824 | 53.22  | -0.004 |
| 6/20/2007 7:42 | 24.5  | 4.825 | 53.219 | -0.003 |
| 6/20/2007 7:42 | 24.75 | 4.827 | 53.214 | 0.003  |
| 6/20/2007 7:42 | 25    | 4.825 | 53.217 | -0.004 |
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| 6/20/2007 7:42 | 25.5  | 4.827 | 53.208 | 0.002  |
| 6/20/2007 7:42 | 25.75 | 4.825 | 53.202 | -0.003 |
| 6/20/2007 7:42 | 26    | 4.825 | 53.208 | -0.004 |
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| 6/20/2007 7:42 | 26.5  | 4.825 | 53.202 | -0.003 |
| 6/20/2007 7:42 | 26.75 | 4.824 | 53.204 | -0.006 |
| 6/20/2007 7:42 | 27    | 4.825 | 53.199 | -0.002 |
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| 6/20/2007 7:42 | 27.5  | 4.826 | 53.198 | -0.001 |
| 6/20/2007 7:42 | 27.75 | 4.827 | 53.194 | 0.001  |
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| 6/20/2007 7:42 | 29    | 4.825 | 53.19  | -0.003 |
| 6/20/2007 7:42 | 29.25 | 4.824 | 53.185 | -0.004 |
| 6/20/2007 7:42 | 29.5  | 4.825 | 53.186 | -0.004 |
| 6/20/2007 7:42 | 29.75 | 4.826 | 53.186 | -0.002 |
| 6/20/2007 7:42 | 30    | 4.826 | 53.185 | 0      |
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| 6/20/2007 7:42 | 30.5  | 4.826 | 53.181 | -0.001 |
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| 6/20/2007 7:42 | 31.75 | 4.825 | 53.174 | -0.003 |

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| 6/20/2007 7:42 | 32.25 | 4.826 | 53.174 | -0.001 |
| 6/20/2007 7:42 | 32.5  | 4.825 | 53.168 | -0.003 |
| 6/20/2007 7:42 | 32.75 | 4.825 | 53.17  | -0.002 |
| 6/20/2007 7:42 | 33    | 4.826 | 53.163 | -0.001 |
| 6/20/2007 7:42 | 33.25 | 4.824 | 53.168 | -0.004 |
| 6/20/2007 7:42 | 33.5  | 4.832 | 53.162 | 0.012  |
| 6/20/2007 7:42 | 33.75 | 4.831 | 53.16  | 0.011  |
| 6/20/2007 7:42 | 34    | 4.832 | 53.161 | 0.013  |
| 6/20/2007 7:42 | 34.25 | 4.833 | 53.162 | 0.014  |
| 6/20/2007 7:42 | 34.5  | 4.829 | 53.162 | 0.007  |
| 6/20/2007 7:42 | 34.75 | 4.829 | 53.161 | 0.006  |
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| 6/20/2007 7:42 | 35.25 | 5.244 | 53.159 | 0.964  |
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| 6/20/2007 7:42 | 36.75 | 5.861 | 53.153 | 2.388  |
| 6/20/2007 7:42 | 37    | 5.972 | 53.151 | 2.646  |
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| 6/20/2007 7:42 | 38.25 | 6.059 | 53.141 | 2.846  |
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| 6/20/2007 7:42 | 40.5  | 6.131 | 53.136 | 3.012  |
| 6/20/2007 7:42 | 40.75 | 6.098 | 53.128 | 2.936  |
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| 6/20/2007 7:42 | 41.25 | 6.132 | 53.124 | 3.015  |
| 6/20/2007 7:42 | 41.5  | 6.153 | 53.126 | 3.062  |
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| 6/20/2007 7:42 | 42.75 | 5.861 | 53.127 | 2.388  |

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| 6/20/2007 7:42 | 43.25 | 6.192 | 53.113 | 3.154 |
| 6/20/2007 7:42 | 43.5  | 6.181 | 53.115 | 3.129 |
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| 6/20/2007 7:42 | 44    | 5.832 | 53.114 | 2.322 |
| 6/20/2007 7:42 | 44.25 | 5.62  | 53.109 | 1.833 |
| 6/20/2007 7:42 | 44.5  | 5.915 | 53.113 | 2.515 |
| 6/20/2007 7:42 | 44.75 | 6.057 | 53.106 | 2.842 |
| 6/20/2007 7:42 | 45    | 6.27  | 53.112 | 3.334 |
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| 6/20/2007 7:42 | 46.75 | 6.037 | 53.102 | 2.796 |
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| 6/20/2007 7:42 | 47.25 | 5.983 | 53.1   | 2.672 |
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| 6/20/2007 7:43 | 48    | 6.052 | 53.094 | 2.83  |
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| 6/20/2007 7:43 | 48.75 | 5.998 | 53.092 | 2.705 |
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| 6/20/2007 7:43 | 49.25 | 6.03  | 53.09  | 2.78  |
| 6/20/2007 7:43 | 49.5  | 6.036 | 53.087 | 2.792 |
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| 6/20/2007 7:43 | 51    | 6.022 | 53.08  | 2.76  |
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| 6/20/2007 7:43 | 52.25 | 6.01  | 53.071 | 2.734 |
| 6/20/2007 7:43 | 52.5  | 6.014 | 53.07  | 2.742 |
| 6/20/2007 7:43 | 52.75 | 6.01  | 53.07  | 2.733 |
| 6/20/2007 7:43 | 53    | 6.007 | 53.071 | 2.727 |
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| 6/20/2007 7:43 | 53.5  | 6.002 | 53.073 | 2.715 |
| 6/20/2007 7:43 | 53.75 | 6.005 | 53.066 | 2.722 |

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| 6/20/2007 7:43 | 54     | 6.008 | 53.067 | 2.728 |
| 6/20/2007 7:43 | 54.25  | 6.006 | 53.06  | 2.723 |
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| 6/20/2007 7:43 | 54.75  | 6     | 53.063 | 2.709 |
| 6/20/2007 7:43 | 55     | 6     | 53.061 | 2.711 |
| 6/20/2007 7:43 | 55.25  | 5.999 | 53.06  | 2.709 |
| 6/20/2007 7:43 | 55.5   | 6     | 53.062 | 2.71  |
| 6/20/2007 7:43 | 55.75  | 5.999 | 53.058 | 2.709 |
| 6/20/2007 7:43 | 56     | 5.998 | 53.062 | 2.706 |
| 6/20/2007 7:43 | 56.25  | 5.995 | 53.058 | 2.699 |
| 6/20/2007 7:43 | 56.5   | 5.995 | 53.059 | 2.699 |
| 6/20/2007 7:43 | 56.75  | 5.997 | 53.053 | 2.702 |
| 6/20/2007 7:43 | 57     | 5.996 | 53.05  | 2.701 |
| 6/20/2007 7:43 | 57.25  | 5.995 | 53.052 | 2.699 |
| 6/20/2007 7:43 | 57.5   | 5.993 | 53.053 | 2.695 |
| 6/20/2007 7:43 | 57.75  | 5.991 | 53.048 | 2.69  |
| 6/20/2007 7:43 | 58     | 5.992 | 53.049 | 2.691 |
| 6/20/2007 7:43 | 58.25  | 5.992 | 53.047 | 2.692 |
| 6/20/2007 7:43 | 58.5   | 5.992 | 53.042 | 2.691 |
| 6/20/2007 7:43 | 58.75  | 5.992 | 53.047 | 2.691 |
| 6/20/2007 7:43 | 59     | 5.99  | 53.043 | 2.687 |
| 6/20/2007 7:43 | 59.25  | 5.989 | 53.037 | 2.686 |
| 6/20/2007 7:43 | 59.5   | 5.988 | 53.041 | 2.682 |
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| 6/20/2007 7:43 | 60.5   | 5.986 | 53.037 | 2.677 |
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| 6/20/2007 7:43 | 61.5   | 5.984 | 53.031 | 2.674 |
| 6/20/2007 7:43 | 61.75  | 5.981 | 53.029 | 2.666 |
| 6/20/2007 7:43 | 62     | 5.98  | 53.029 | 2.664 |
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| 6/20/2007 7:43 | 62.5   | 5.982 | 53.031 | 2.668 |
| 6/20/2007 7:43 | 62.75  | 5.979 | 53.028 | 2.662 |
| 6/20/2007 7:43 | 63     | 5.979 | 53.025 | 2.662 |
| 6/20/2007 7:43 | 63.25  | 5.98  | 53.026 | 2.663 |
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| 6/20/2007 7:43 | 63.75  | 5.978 | 53.014 | 2.659 |
| 6/20/2007 7:43 | 64     | 5.978 | 53.019 | 2.66  |
| 6/20/2007 7:43 | 64.25  | 5.976 | 53.018 | 2.655 |
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| 6/20/2007 7:43 | 65.25 | 5.973 | 53.015 | 2.648 |
| 6/20/2007 7:43 | 65.5  | 5.973 | 53.013 | 2.649 |
| 6/20/2007 7:43 | 65.75 | 5.973 | 53.012 | 2.648 |
| 6/20/2007 7:43 | 66    | 5.972 | 53.013 | 2.645 |
| 6/20/2007 7:43 | 66.25 | 5.97  | 53.008 | 2.64  |
| 6/20/2007 7:43 | 66.5  | 5.969 | 53.014 | 2.638 |
| 6/20/2007 7:43 | 66.75 | 5.969 | 53.01  | 2.638 |
| 6/20/2007 7:43 | 67    | 5.968 | 53.011 | 2.636 |
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| 6/20/2007 7:43 | 67.5  | 5.967 | 53.005 | 2.635 |
| 6/20/2007 7:43 | 67.75 | 5.968 | 53.005 | 2.635 |
| 6/20/2007 7:43 | 68    | 5.966 | 53.006 | 2.631 |
| 6/20/2007 7:43 | 68.25 | 5.966 | 53.002 | 2.632 |
| 6/20/2007 7:43 | 68.5  | 5.965 | 52.999 | 2.63  |
| 6/20/2007 7:43 | 68.75 | 5.963 | 52.999 | 2.626 |
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| 6/20/2007 7:43 | 69.25 | 5.962 | 52.997 | 2.623 |
| 6/20/2007 7:43 | 69.5  | 5.963 | 52.993 | 2.624 |
| 6/20/2007 7:43 | 69.75 | 5.963 | 52.995 | 2.624 |
| 6/20/2007 7:43 | 70    | 5.962 | 52.994 | 2.622 |
| 6/20/2007 7:43 | 70.25 | 5.96  | 52.991 | 2.619 |
| 6/20/2007 7:43 | 70.5  | 5.959 | 52.995 | 2.617 |
| 6/20/2007 7:43 | 70.75 | 5.959 | 52.987 | 2.615 |
| 6/20/2007 7:43 | 71    | 5.958 | 52.991 | 2.614 |
| 6/20/2007 7:43 | 71.25 | 5.958 | 52.986 | 2.613 |
| 6/20/2007 7:43 | 71.5  | 5.956 | 52.987 | 2.609 |
| 6/20/2007 7:43 | 71.75 | 5.956 | 52.989 | 2.609 |
| 6/20/2007 7:43 | 72    | 5.953 | 52.98  | 2.602 |
| 6/20/2007 7:43 | 72.25 | 5.954 | 52.98  | 2.604 |
| 6/20/2007 7:43 | 72.5  | 5.955 | 52.98  | 2.606 |
| 6/20/2007 7:43 | 72.75 | 5.955 | 52.984 | 2.606 |
| 6/20/2007 7:43 | 73    | 5.953 | 52.98  | 2.602 |
| 6/20/2007 7:43 | 73.25 | 5.954 | 52.979 | 2.603 |
| 6/20/2007 7:43 | 73.5  | 5.952 | 52.975 | 2.6   |
| 6/20/2007 7:43 | 73.75 | 5.951 | 52.972 | 2.598 |
| 6/20/2007 7:43 | 74    | 5.953 | 52.972 | 2.601 |
| 6/20/2007 7:43 | 74.25 | 5.951 | 52.975 | 2.597 |
| 6/20/2007 7:43 | 74.5  | 5.949 | 52.971 | 2.593 |
| 6/20/2007 7:43 | 74.75 | 5.951 | 52.971 | 2.596 |
| 6/20/2007 7:43 | 75    | 5.948 | 52.975 | 2.591 |
| 6/20/2007 7:43 | 75.25 | 5.947 | 52.967 | 2.587 |
| 6/20/2007 7:43 | 75.5  | 5.949 | 52.969 | 2.592 |
| 6/20/2007 7:43 | 75.75 | 5.949 | 52.966 | 2.593 |

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| 6/20/2007 7:43 | 76.141 | 5.948 | 52.941 | 2.59  |
| 6/20/2007 7:43 | 76.345 | 5.945 | 52.992 | 2.584 |
| 6/20/2007 7:43 | 76.68  | 5.943 | 52.95  | 2.578 |
| 6/20/2007 7:43 | 77.072 | 5.943 | 52.965 | 2.579 |
| 6/20/2007 7:43 | 77.277 | 5.942 | 52.971 | 2.577 |
| 6/20/2007 7:43 | 77.481 | 5.943 | 52.969 | 2.579 |
| 6/20/2007 7:43 | 77.685 | 5.941 | 52.978 | 2.575 |
| 6/20/2007 7:43 | 77.888 | 5.943 | 52.984 | 2.578 |
| 6/20/2007 7:43 | 78.092 | 5.939 | 52.945 | 2.57  |
| 6/20/2007 7:43 | 78.482 | 5.94  | 52.986 | 2.572 |
| 6/20/2007 7:43 | 78.818 | 5.939 | 52.946 | 2.569 |
| 6/20/2007 7:43 | 79.21  | 5.937 | 52.929 | 2.565 |
| 6/20/2007 7:43 | 79.6   | 5.937 | 52.977 | 2.565 |
| 6/20/2007 7:43 | 79.935 | 5.937 | 52.935 | 2.564 |
| 6/20/2007 7:43 | 80.325 | 5.935 | 52.918 | 2.559 |
| 6/20/2007 7:43 | 80.715 | 5.934 | 52.969 | 2.559 |
| 6/20/2007 7:43 | 81.051 | 5.933 | 52.923 | 2.555 |
| 6/20/2007 7:43 | 81.444 | 5.933 | 52.91  | 2.556 |
| 6/20/2007 7:43 | 81.834 | 5.932 | 52.959 | 2.553 |
| 6/20/2007 7:43 | 82.169 | 5.93  | 52.918 | 2.548 |
| 6/20/2007 7:43 | 82.56  | 5.93  | 52.906 | 2.548 |
| 6/20/2007 7:43 | 82.949 | 5.929 | 52.953 | 2.547 |
| 6/20/2007 7:43 | 83.284 | 5.929 | 52.925 | 2.546 |
| 6/20/2007 7:43 | 83.687 | 5.926 | 52.906 | 2.539 |
| 6/20/2007 7:43 | 84.078 | 5.926 | 52.952 | 2.54  |
| 6/20/2007 7:43 | 84.413 | 5.926 | 52.912 | 2.539 |
| 6/20/2007 7:43 | 84.804 | 5.924 | 52.895 | 2.536 |
| 6/20/2007 7:43 | 85.194 | 5.922 | 52.95  | 2.53  |
| 6/20/2007 7:43 | 85.53  | 5.924 | 52.908 | 2.535 |
| 6/20/2007 7:43 | 85.921 | 5.922 | 52.894 | 2.53  |
| 6/20/2007 7:43 | 86.312 | 5.921 | 52.937 | 2.529 |
| 6/20/2007 7:43 | 86.647 | 5.922 | 52.904 | 2.53  |
| 6/20/2007 7:43 | 87.042 | 5.919 | 52.884 | 2.524 |
| 6/20/2007 7:43 | 87.432 | 5.918 | 52.935 | 2.522 |
| 6/20/2007 7:43 | 87.768 | 5.918 | 52.895 | 2.521 |
| 6/20/2007 7:43 | 88.159 | 5.918 | 52.881 | 2.521 |
| 6/20/2007 7:43 | 88.55  | 5.915 | 52.935 | 2.513 |
| 6/20/2007 7:43 | 88.885 | 5.915 | 52.89  | 2.514 |
| 6/20/2007 7:43 | 89.279 | 5.915 | 52.876 | 2.513 |
| 6/20/2007 7:43 | 89.669 | 5.913 | 52.928 | 2.509 |
| 6/20/2007 7:43 | 90.007 | 5.913 | 52.89  | 2.51  |
| 6/20/2007 7:43 | 90.398 | 5.912 | 52.872 | 2.506 |
| 6/20/2007 7:43 | 90.788 | 5.911 | 52.927 | 2.504 |
| 6/20/2007 7:43 | 91.123 | 5.911 | 52.884 | 2.505 |

|                |         |       |        |       |
|----------------|---------|-------|--------|-------|
| 6/20/2007 7:43 | 91.518  | 5.91  | 52.87  | 2.503 |
| 6/20/2007 7:43 | 91.909  | 5.908 | 52.918 | 2.497 |
| 6/20/2007 7:43 | 92.244  | 5.907 | 52.878 | 2.496 |
| 6/20/2007 7:43 | 92.635  | 5.907 | 52.861 | 2.495 |
| 6/20/2007 7:43 | 93.024  | 5.906 | 52.915 | 2.494 |
| 6/20/2007 7:43 | 93.359  | 5.91  | 52.874 | 2.502 |
| 6/20/2007 7:43 | 93.75   | 5.903 | 52.872 | 2.487 |
| 6/20/2007 7:43 | 94.151  | 5.906 | 52.914 | 2.492 |
| 6/20/2007 7:43 | 94.486  | 5.903 | 52.876 | 2.486 |
| 6/20/2007 7:43 | 94.879  | 5.902 | 52.853 | 2.485 |
| 6/20/2007 7:43 | 95.27   | 5.901 | 52.91  | 2.482 |
| 6/20/2007 7:43 | 95.605  | 5.9   | 52.865 | 2.48  |
| 6/20/2007 7:43 | 95.996  | 5.898 | 52.851 | 2.474 |
| 6/20/2007 7:43 | 96.386  | 5.899 | 52.897 | 2.478 |
| 6/20/2007 7:43 | 96.722  | 5.899 | 52.865 | 2.477 |
| 6/20/2007 7:43 | 97.117  | 5.897 | 52.845 | 2.472 |
| 6/20/2007 7:43 | 97.507  | 5.895 | 52.895 | 2.468 |
| 6/20/2007 7:43 | 97.842  | 5.896 | 52.864 | 2.471 |
| 6/20/2007 7:43 | 98.233  | 5.895 | 52.843 | 2.467 |
| 6/20/2007 7:43 | 98.623  | 5.894 | 52.891 | 2.466 |
| 6/20/2007 7:43 | 98.959  | 5.893 | 52.855 | 2.464 |
| 6/20/2007 7:43 | 99.356  | 5.892 | 52.84  | 2.46  |
| 6/20/2007 7:43 | 99.746  | 5.891 | 52.884 | 2.458 |
| 6/20/2007 7:43 | 100.081 | 5.89  | 52.85  | 2.457 |
| 6/20/2007 7:43 | 100.472 | 5.89  | 52.837 | 2.456 |
| 6/20/2007 7:43 | 100.863 | 5.887 | 52.881 | 2.45  |
| 6/20/2007 7:43 | 101.198 | 5.889 | 52.85  | 2.453 |
| 6/20/2007 7:43 | 101.595 | 5.886 | 52.829 | 2.448 |
| 6/20/2007 7:43 | 101.985 | 5.886 | 52.885 | 2.448 |
| 6/20/2007 7:43 | 102.32  | 5.887 | 52.843 | 2.448 |
| 6/20/2007 7:43 | 102.711 | 5.886 | 52.82  | 2.446 |
| 6/20/2007 7:43 | 103.102 | 5.883 | 52.877 | 2.441 |
| 6/20/2007 7:43 | 103.436 | 5.884 | 52.843 | 2.443 |
| 6/20/2007 7:43 | 103.834 | 5.883 | 52.819 | 2.44  |
| 6/20/2007 7:43 | 104.225 | 5.881 | 52.874 | 2.436 |
| 6/20/2007 7:43 | 104.56  | 5.881 | 52.833 | 2.436 |
| 6/20/2007 7:43 | 104.95  | 5.88  | 52.819 | 2.433 |
| 6/20/2007 7:43 | 105.34  | 5.879 | 52.868 | 2.431 |
| 6/20/2007 7:43 | 105.675 | 5.879 | 52.835 | 2.43  |
| 6/20/2007 7:43 | 106.072 | 5.879 | 52.825 | 2.43  |
| 6/20/2007 7:43 | 106.473 | 5.877 | 52.833 | 2.426 |
| 6/20/2007 7:43 | 106.678 | 5.876 | 52.842 | 2.425 |
| 6/20/2007 7:43 | 106.883 | 5.876 | 52.849 | 2.425 |
| 6/20/2007 7:43 | 107.087 | 5.876 | 52.882 | 2.423 |

|                |         |       |        |       |
|----------------|---------|-------|--------|-------|
| 6/20/2007 7:43 | 107.421 | 5.877 | 52.839 | 2.426 |
| 6/20/2007 7:44 | 107.814 | 5.874 | 52.82  | 2.418 |
| 6/20/2007 7:44 | 108.204 | 5.873 | 52.864 | 2.417 |
| 6/20/2007 7:44 | 108.538 | 5.872 | 52.824 | 2.415 |
| 6/20/2007 7:44 | 108.93  | 5.871 | 52.805 | 2.413 |
| 6/20/2007 7:44 | 109.32  | 5.871 | 52.855 | 2.412 |
| 6/20/2007 7:44 | 109.654 | 5.871 | 52.824 | 2.413 |
| 6/20/2007 7:44 | 110.05  | 5.869 | 52.799 | 2.407 |
| 6/20/2007 7:44 | 110.44  | 5.869 | 52.853 | 2.408 |
| 6/20/2007 7:44 | 110.775 | 5.868 | 52.814 | 2.405 |
| 6/20/2007 7:44 | 111.166 | 5.867 | 52.798 | 2.402 |
| 6/20/2007 7:44 | 111.556 | 5.867 | 52.843 | 2.404 |
| 6/20/2007 7:44 | 111.89  | 5.866 | 52.808 | 2.401 |
| 6/20/2007 7:44 | 112.282 | 5.864 | 52.79  | 2.395 |
| 6/20/2007 7:44 | 112.673 | 5.863 | 52.844 | 2.395 |
| 6/20/2007 7:44 | 113.008 | 5.864 | 52.802 | 2.396 |
| 6/20/2007 7:44 | 113.399 | 5.863 | 52.788 | 2.394 |
| 6/20/2007 7:44 | 113.789 | 5.861 | 52.839 | 2.39  |
| 6/20/2007 7:44 | 114.125 | 5.864 | 52.799 | 2.397 |
| 6/20/2007 7:44 | 114.515 | 5.859 | 52.782 | 2.385 |
| 6/20/2007 7:44 | 114.906 | 5.86  | 52.833 | 2.387 |
| 6/20/2007 7:44 | 115.241 | 5.859 | 52.796 | 2.384 |
| 6/20/2007 7:44 | 115.632 | 5.856 | 52.776 | 2.377 |
| 6/20/2007 7:44 | 116.022 | 5.858 | 52.827 | 2.381 |
| 6/20/2007 7:44 | 116.357 | 5.856 | 52.799 | 2.378 |
| 6/20/2007 7:44 | 116.76  | 5.855 | 52.776 | 2.375 |
| 6/20/2007 7:44 | 117.151 | 5.852 | 52.824 | 2.369 |
| 6/20/2007 7:44 | 117.487 | 5.853 | 52.791 | 2.371 |
| 6/20/2007 7:44 | 117.881 | 5.855 | 52.768 | 2.375 |
| 6/20/2007 7:44 | 118.272 | 5.851 | 52.823 | 2.367 |
| 6/20/2007 7:44 | 118.606 | 5.851 | 52.784 | 2.366 |
| 6/20/2007 7:44 | 118.997 | 5.851 | 52.77  | 2.367 |
| 6/20/2007 7:44 | 119.387 | 5.85  | 52.819 | 2.364 |
| 6/20/2007 7:44 | 119.723 | 5.849 | 52.781 | 2.361 |
| 6/20/2007 7:44 | 120.119 | 5.848 | 52.765 | 2.359 |
| 6/20/2007 7:44 | 120.51  | 5.847 | 52.81  | 2.356 |
| 6/20/2007 7:44 | 120.845 | 5.847 | 52.771 | 2.357 |
| 6/20/2007 7:44 | 121.237 | 5.845 | 52.76  | 2.352 |
| 6/20/2007 7:44 | 121.629 | 5.845 | 52.809 | 2.353 |
| 6/20/2007 7:44 | 121.964 | 5.845 | 52.775 | 2.351 |
| 6/20/2007 7:44 | 122.355 | 5.844 | 52.75  | 2.351 |
| 6/20/2007 7:44 | 122.744 | 5.846 | 52.804 | 2.354 |
| 6/20/2007 7:44 | 123.079 | 5.843 | 52.765 | 2.347 |
| 6/20/2007 7:44 | 123.471 | 5.843 | 52.751 | 2.347 |

|                |         |       |        |       |
|----------------|---------|-------|--------|-------|
| 6/20/2007 7:44 | 123.862 | 5.841 | 52.797 | 2.344 |
| 6/20/2007 7:44 | 124.196 | 5.841 | 52.763 | 2.342 |
| 6/20/2007 7:44 | 124.592 | 5.84  | 52.746 | 2.342 |
| 6/20/2007 7:44 | 124.982 | 5.838 | 52.8   | 2.337 |
| 6/20/2007 7:44 | 125.318 | 5.838 | 52.758 | 2.337 |
| 6/20/2007 7:44 | 125.709 | 5.837 | 52.748 | 2.334 |
| 6/20/2007 7:44 | 126.101 | 5.838 | 52.796 | 2.335 |
| 6/20/2007 7:44 | 126.436 | 5.835 | 52.759 | 2.33  |
| 6/20/2007 7:44 | 126.831 | 5.835 | 52.748 | 2.33  |
| 6/20/2007 7:44 | 127.231 | 5.834 | 52.763 | 2.327 |
| 6/20/2007 7:44 | 127.435 | 5.835 | 52.77  | 2.328 |
| 6/20/2007 7:44 | 127.639 | 5.833 | 52.775 | 2.325 |
| 6/20/2007 7:44 | 127.843 | 5.834 | 52.807 | 2.327 |
| 6/20/2007 7:44 | 128.178 | 5.833 | 52.767 | 2.324 |
| 6/20/2007 7:44 | 128.57  | 5.83  | 52.745 | 2.319 |
| 6/20/2007 7:44 | 128.96  | 5.831 | 52.793 | 2.319 |
| 6/20/2007 7:44 | 129.294 | 5.831 | 52.752 | 2.319 |
| 6/20/2007 7:44 | 129.686 | 5.829 | 52.729 | 2.315 |
| 6/20/2007 7:44 | 130.077 | 5.829 | 52.785 | 2.314 |
| 6/20/2007 7:44 | 130.413 | 5.829 | 52.748 | 2.316 |
| 6/20/2007 7:44 | 130.808 | 5.827 | 52.735 | 2.311 |
| 6/20/2007 7:44 | 131.198 | 5.827 | 52.787 | 2.311 |
| 6/20/2007 7:44 | 131.533 | 5.826 | 52.742 | 2.307 |
| 6/20/2007 7:44 | 131.925 | 5.826 | 52.73  | 2.308 |
| 6/20/2007 7:44 | 132.315 | 5.824 | 52.776 | 2.304 |
| 6/20/2007 7:44 | 132.65  | 5.822 | 52.738 | 2.299 |
| 6/20/2007 7:44 | 133.045 | 5.824 | 52.72  | 2.303 |
| 6/20/2007 7:44 | 133.435 | 5.822 | 52.769 | 2.3   |
| 6/20/2007 7:44 | 133.771 | 5.82  | 52.73  | 2.295 |
| 6/20/2007 7:44 | 134.163 | 5.821 | 52.716 | 2.297 |
| 6/20/2007 7:44 | 134.554 | 5.821 | 52.769 | 2.296 |
| 6/20/2007 7:44 | 134.89  | 5.821 | 52.729 | 2.296 |
| 6/20/2007 7:44 | 135.281 | 5.819 | 52.716 | 2.292 |
| 6/20/2007 7:44 | 135.671 | 5.817 | 52.765 | 2.287 |
| 6/20/2007 7:44 | 136.007 | 5.817 | 52.717 | 2.287 |
| 6/20/2007 7:44 | 136.398 | 5.817 | 52.708 | 2.287 |
| 6/20/2007 7:44 | 136.788 | 5.816 | 52.761 | 2.284 |
| 6/20/2007 7:44 | 137.123 | 5.814 | 52.731 | 2.282 |
| 6/20/2007 7:44 | 137.525 | 5.813 | 52.711 | 2.279 |
| 6/20/2007 7:44 | 137.916 | 5.813 | 52.76  | 2.279 |
| 6/20/2007 7:44 | 138.251 | 5.813 | 52.719 | 2.278 |
| 6/20/2007 7:44 | 138.647 | 5.812 | 52.704 | 2.275 |
| 6/20/2007 7:44 | 139.039 | 5.812 | 52.753 | 2.276 |
| 6/20/2007 7:44 | 139.373 | 5.811 | 52.714 | 2.273 |

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|                |          |       |        |       |
|----------------|----------|-------|--------|-------|
| 6/20/2007 7:44 | 139.764  | 5.811 | 52.695 | 2.274 |
| 6/20/2007 7:45 | 180.011  | 5.738 | 52.374 | 2.104 |
| 6/20/2007 7:46 | 240      | 5.639 | 52.159 | 1.877 |
| 6/20/2007 7:47 | 300.04   | 5.548 | 52.026 | 1.667 |
| 6/20/2007 7:48 | 360      | 5.468 | 51.935 | 1.483 |
| 6/20/2007 7:49 | 420.01   | 5.395 | 51.805 | 1.314 |
| 6/20/2007 7:50 | 480      | 5.334 | 51.744 | 1.171 |
| 6/20/2007 7:51 | 540      | 5.276 | 51.699 | 1.038 |
| 6/20/2007 7:52 | 600.003  | 5.224 | 51.665 | 0.919 |
| 6/20/2007 7:53 | 660.18   | 5.176 | 51.634 | 0.807 |
| 6/20/2007 7:54 | 720      | 5.136 | 51.581 | 0.715 |
| 6/20/2007 7:55 | 780      | 5.098 | 51.56  | 0.628 |
| 6/20/2007 7:56 | 840      | 5.061 | 51.546 | 0.541 |
| 6/20/2007 7:57 | 900.025  | 5.022 | 51.535 | 0.452 |
| 6/20/2007 7:58 | 960      | 4.989 | 51.54  | 0.377 |
| 6/20/2007 7:59 | 1020.082 | 4.964 | 51.478 | 0.319 |
| 6/20/2007 8:00 | 1080     | 4.942 | 51.356 | 0.267 |
| 6/20/2007 8:01 | 1140     | 4.922 | 51.284 | 0.221 |
| 6/20/2007 8:02 | 1200     | 4.905 | 51.242 | 0.182 |
| 6/20/2007 8:03 | 1260     | 4.891 | 51.215 | 0.15  |
| 6/20/2007 8:04 | 1320     | 4.879 | 51.201 | 0.123 |

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## Raw Test Data for P-392 S Rising Head

Report Date: 6/26/2007 11:13  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p392s b 2007-06-12 16.14.00.wsl  
Create Date 6/12/2007 15:13

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p392s b           |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/12/2007 14:40   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250  
Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00  
Step 2  
Duration Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval Days: 0 Hours: 00 Mins: 01 Secs: 00

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 3.96817 (PSI)     |
| Temperature                   | 59.9647 (F)       |
| Depth of Probe                | 9.13898 (ft)      |

Log Notes:  
Date and Time Note  
6/12/2007 14:39 User Note: "Level reference initialized to: 0"  
6/12/2007 14:44 Manual Start Command

Log Data:  
Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/12/2007 14:44 | 0                       | 3.971                           | 56.2                            | 0.006                           |
| 6/12/2007 14:44 | 0.25                    | 3.963                           | 56.238                          | -0.013                          |
| 6/12/2007 14:44 | 0.5                     | 3.965                           | 56.261                          | -0.008                          |
| 6/12/2007 14:44 | 0.753                   | 3.969                           | 56.278                          | 0.001                           |
| 6/12/2007 14:44 | 1.385                   | 3.963                           | 56.407                          | -0.012                          |
| 6/12/2007 14:44 | 1.59                    | 3.958                           | 56.4                            | -0.023                          |
| 6/12/2007 14:44 | 1.795                   | 3.962                           | 56.391                          | -0.015                          |
| 6/12/2007 14:44 | 2                       | 3.968                           | 56.396                          | 0                               |
| 6/12/2007 14:44 | 2.596                   | 3.965                           | 56.462                          | -0.007                          |
| 6/12/2007 14:44 | 2.802                   | 3.968                           | 56.451                          | -0.001                          |
| 6/12/2007 14:44 | 3.006                   | 3.958                           | 56.446                          | -0.024                          |
| 6/12/2007 14:44 | 3.21                    | 3.964                           | 56.435                          | -0.01                           |
| 6/12/2007 14:44 | 3.414                   | 3.963                           | 56.431                          | -0.012                          |
| 6/12/2007 14:44 | 3.617                   | 3.956                           | 56.428                          | -0.028                          |
| 6/12/2007 14:44 | 3.821                   | 3.961                           | 56.424                          | -0.017                          |
| 6/12/2007 14:44 | 4.032                   | 3.959                           | 56.426                          | -0.02                           |
| 6/12/2007 14:44 | 4.237                   | 3.963                           | 56.421                          | -0.013                          |
| 6/12/2007 14:44 | 4.441                   | 3.96                            | 56.425                          | -0.018                          |
| 6/12/2007 14:44 | 4.645                   | 3.962                           | 56.421                          | -0.014                          |
| 6/12/2007 14:44 | 4.849                   | 3.962                           | 56.42                           | -0.014                          |
| 6/12/2007 14:44 | 5.053                   | 3.964                           | 56.422                          | -0.01                           |
| 6/12/2007 14:44 | 5.257                   | 3.962                           | 56.425                          | -0.015                          |
| 6/12/2007 14:44 | 5.5                     | 3.959                           | 56.411                          | -0.022                          |
| 6/12/2007 14:44 | 5.75                    | 3.967                           | 56.397                          | -0.003                          |
| 6/12/2007 14:44 | 6                       | 3.957                           | 56.396                          | -0.026                          |
| 6/12/2007 14:44 | 6.25                    | 3.959                           | 56.393                          | -0.022                          |
| 6/12/2007 14:44 | 6.5                     | 3.96                            | 56.391                          | -0.018                          |
| 6/12/2007 14:44 | 6.75                    | 3.962                           | 56.389                          | -0.013                          |
| 6/12/2007 14:44 | 7                       | 3.961                           | 56.389                          | -0.016                          |
| 6/12/2007 14:44 | 7.25                    | 3.961                           | 56.378                          | -0.017                          |
| 6/12/2007 14:44 | 7.5                     | 3.967                           | 56.386                          | -0.003                          |
| 6/12/2007 14:44 | 7.75                    | 3.964                           | 56.387                          | -0.011                          |
| 6/12/2007 14:44 | 8                       | 3.968                           | 56.386                          | 0                               |
| 6/12/2007 14:44 | 8.25                    | 3.968                           | 56.379                          | 0                               |
| 6/12/2007 14:44 | 8.5                     | 3.965                           | 56.379                          | -0.007                          |
| 6/12/2007 14:44 | 8.75                    | 3.966                           | 56.38                           | -0.006                          |
| 6/12/2007 14:44 | 9                       | 3.968                           | 56.379                          | 0                               |
| 6/12/2007 14:44 | 9.25                    | 3.962                           | 56.38                           | -0.014                          |
| 6/12/2007 14:44 | 9.5                     | 3.969                           | 56.379                          | 0.002                           |
| 6/12/2007 14:44 | 9.75                    | 3.958                           | 56.374                          | -0.023                          |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:44 | 10     | 3.963 | 56.378 | -0.011 |
| 6/12/2007 14:44 | 10.25  | 3.961 | 56.377 | -0.017 |
| 6/12/2007 14:44 | 10.5   | 3.963 | 56.379 | -0.012 |
| 6/12/2007 14:44 | 10.75  | 3.959 | 56.376 | -0.021 |
| 6/12/2007 14:44 | 11     | 3.961 | 56.376 | -0.017 |
| 6/12/2007 14:44 | 11.25  | 3.956 | 56.373 | -0.028 |
| 6/12/2007 14:44 | 11.5   | 3.961 | 56.379 | -0.017 |
| 6/12/2007 14:44 | 11.75  | 3.962 | 56.375 | -0.014 |
| 6/12/2007 14:44 | 12     | 3.96  | 56.373 | -0.019 |
| 6/12/2007 14:44 | 12.25  | 3.964 | 56.375 | -0.01  |
| 6/12/2007 14:44 | 12.5   | 3.961 | 56.375 | -0.017 |
| 6/12/2007 14:44 | 12.75  | 3.966 | 56.375 | -0.006 |
| 6/12/2007 14:44 | 13     | 3.966 | 56.372 | -0.005 |
| 6/12/2007 14:44 | 13.25  | 3.966 | 56.372 | -0.004 |
| 6/12/2007 14:44 | 13.5   | 3.971 | 56.367 | 0.006  |
| 6/12/2007 14:44 | 13.75  | 3.965 | 56.374 | -0.007 |
| 6/12/2007 14:44 | 14     | 3.97  | 56.368 | 0.004  |
| 6/12/2007 14:44 | 14.25  | 3.966 | 56.373 | -0.005 |
| 6/12/2007 14:44 | 14.501 | 3.963 | 56.373 | -0.012 |
| 6/12/2007 14:44 | 14.751 | 3.967 | 56.372 | -0.003 |
| 6/12/2007 14:44 | 15.001 | 3.966 | 56.382 | -0.005 |
| 6/12/2007 14:44 | 15.251 | 3.959 | 56.374 | -0.021 |
| 6/12/2007 14:44 | 15.501 | 3.956 | 56.38  | -0.028 |
| 6/12/2007 14:44 | 15.751 | 3.958 | 56.377 | -0.025 |
| 6/12/2007 14:44 | 16.001 | 3.96  | 56.373 | -0.02  |
| 6/12/2007 14:44 | 16.251 | 3.955 | 56.373 | -0.031 |
| 6/12/2007 14:44 | 16.501 | 3.958 | 56.374 | -0.023 |
| 6/12/2007 14:44 | 16.751 | 3.961 | 56.37  | -0.018 |
| 6/12/2007 14:45 | 17.001 | 3.958 | 56.373 | -0.023 |
| 6/12/2007 14:45 | 17.251 | 3.966 | 56.374 | -0.005 |
| 6/12/2007 14:45 | 17.501 | 3.962 | 56.372 | -0.015 |
| 6/12/2007 14:45 | 17.751 | 3.96  | 56.373 | -0.018 |
| 6/12/2007 14:45 | 18.001 | 3.963 | 56.367 | -0.013 |
| 6/12/2007 14:45 | 18.251 | 3.959 | 56.368 | -0.022 |
| 6/12/2007 14:45 | 18.501 | 3.963 | 56.371 | -0.012 |
| 6/12/2007 14:45 | 18.751 | 3.961 | 56.371 | -0.018 |
| 6/12/2007 14:45 | 19.001 | 3.964 | 56.368 | -0.011 |
| 6/12/2007 14:45 | 19.251 | 3.966 | 56.369 | -0.006 |
| 6/12/2007 14:45 | 19.501 | 3.968 | 56.373 | -0.001 |
| 6/12/2007 14:45 | 19.751 | 3.968 | 56.37  | 0      |
| 6/12/2007 14:45 | 20     | 3.969 | 56.371 | 0.001  |
| 6/12/2007 14:45 | 20.25  | 3.973 | 56.372 | 0.011  |
| 6/12/2007 14:45 | 20.5   | 3.97  | 56.365 | 0.005  |
| 6/12/2007 14:45 | 20.75  | 3.973 | 56.367 | 0.01   |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:45 | 21     | 3.961 | 56.368 | -0.016 |
| 6/12/2007 14:45 | 21.25  | 3.964 | 56.367 | -0.011 |
| 6/12/2007 14:45 | 21.5   | 3.96  | 56.362 | -0.019 |
| 6/12/2007 14:45 | 21.75  | 3.959 | 56.365 | -0.021 |
| 6/12/2007 14:45 | 22     | 3.963 | 56.369 | -0.011 |
| 6/12/2007 14:45 | 22.25  | 3.962 | 56.371 | -0.013 |
| 6/12/2007 14:45 | 22.5   | 3.954 | 56.361 | -0.032 |
| 6/12/2007 14:45 | 22.75  | 3.956 | 56.363 | -0.028 |
| 6/12/2007 14:45 | 23     | 3.958 | 56.367 | -0.024 |
| 6/12/2007 14:45 | 23.25  | 3.957 | 56.363 | -0.026 |
| 6/12/2007 14:45 | 23.5   | 3.959 | 56.359 | -0.022 |
| 6/12/2007 14:45 | 23.75  | 3.958 | 56.363 | -0.024 |
| 6/12/2007 14:45 | 24     | 3.959 | 56.362 | -0.021 |
| 6/12/2007 14:45 | 24.25  | 3.961 | 56.358 | -0.018 |
| 6/12/2007 14:45 | 24.5   | 3.96  | 56.362 | -0.018 |
| 6/12/2007 14:45 | 24.75  | 3.97  | 56.365 | 0.003  |
| 6/12/2007 14:45 | 25     | 3.965 | 56.366 | -0.007 |
| 6/12/2007 14:45 | 25.25  | 3.963 | 56.362 | -0.012 |
| 6/12/2007 14:45 | 25.5   | 3.964 | 56.359 | -0.01  |
| 6/12/2007 14:45 | 25.75  | 3.962 | 56.359 | -0.014 |
| 6/12/2007 14:45 | 26     | 3.965 | 56.361 | -0.007 |
| 6/12/2007 14:45 | 26.25  | 3.964 | 56.356 | -0.009 |
| 6/12/2007 14:45 | 26.5   | 3.968 | 56.366 | 0      |
| 6/12/2007 14:45 | 26.75  | 3.971 | 56.362 | 0.008  |
| 6/12/2007 14:45 | 27.001 | 3.974 | 56.366 | 0.014  |
| 6/12/2007 14:45 | 27.251 | 3.956 | 56.373 | -0.027 |
| 6/12/2007 14:45 | 27.501 | 3.971 | 56.374 | 0.007  |
| 6/12/2007 14:45 | 27.751 | 3.971 | 56.367 | 0.006  |
| 6/12/2007 14:45 | 28.001 | 3.967 | 56.364 | -0.002 |
| 6/12/2007 14:45 | 28.251 | 3.963 | 56.364 | -0.011 |
| 6/12/2007 14:45 | 28.501 | 3.966 | 56.361 | -0.005 |
| 6/12/2007 14:45 | 28.751 | 3.963 | 56.358 | -0.011 |
| 6/12/2007 14:45 | 29.001 | 3.961 | 56.361 | -0.017 |
| 6/12/2007 14:45 | 29.251 | 3.967 | 56.359 | -0.004 |
| 6/12/2007 14:45 | 29.501 | 3.959 | 56.362 | -0.021 |
| 6/12/2007 14:45 | 29.751 | 3.955 | 56.361 | -0.03  |
| 6/12/2007 14:45 | 30.001 | 3.959 | 56.36  | -0.022 |
| 6/12/2007 14:45 | 30.251 | 3.955 | 56.358 | -0.03  |
| 6/12/2007 14:45 | 30.501 | 3.955 | 56.357 | -0.03  |
| 6/12/2007 14:45 | 30.751 | 3.959 | 56.356 | -0.022 |
| 6/12/2007 14:45 | 31.001 | 3.954 | 56.358 | -0.034 |
| 6/12/2007 14:45 | 31.251 | 3.96  | 56.359 | -0.018 |
| 6/12/2007 14:45 | 31.501 | 3.957 | 56.359 | -0.027 |
| 6/12/2007 14:45 | 31.751 | 3.964 | 56.358 | -0.011 |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:45 | 32.001 | 3.966 | 56.361 | -0.004 |
| 6/12/2007 14:45 | 32.251 | 3.961 | 56.356 | -0.017 |
| 6/12/2007 14:45 | 32.5   | 3.964 | 56.358 | -0.01  |
| 6/12/2007 14:45 | 32.75  | 3.966 | 56.359 | -0.006 |
| 6/12/2007 14:45 | 33     | 3.967 | 56.354 | -0.003 |
| 6/12/2007 14:45 | 33.25  | 3.97  | 56.356 | 0.003  |
| 6/12/2007 14:45 | 33.5   | 3.968 | 56.355 | 0      |
| 6/12/2007 14:45 | 33.75  | 3.969 | 56.355 | 0.003  |
| 6/12/2007 14:45 | 34     | 3.97  | 56.354 | 0.003  |
| 6/12/2007 14:45 | 34.25  | 3.965 | 56.355 | -0.008 |
| 6/12/2007 14:45 | 34.5   | 3.967 | 56.358 | -0.004 |
| 6/12/2007 14:45 | 34.75  | 3.964 | 56.353 | -0.009 |
| 6/12/2007 14:45 | 35     | 3.96  | 56.355 | -0.019 |
| 6/12/2007 14:45 | 35.25  | 3.968 | 56.352 | -0.001 |
| 6/12/2007 14:45 | 35.5   | 3.958 | 56.348 | -0.024 |
| 6/12/2007 14:45 | 35.75  | 3.962 | 56.353 | -0.015 |
| 6/12/2007 14:45 | 36     | 3.964 | 56.351 | -0.01  |
| 6/12/2007 14:45 | 36.25  | 3.957 | 56.35  | -0.026 |
| 6/12/2007 14:45 | 36.5   | 3.961 | 56.354 | -0.017 |
| 6/12/2007 14:45 | 36.75  | 3.956 | 56.35  | -0.027 |
| 6/12/2007 14:45 | 37     | 3.961 | 56.349 | -0.017 |
| 6/12/2007 14:45 | 37.25  | 3.961 | 56.35  | -0.016 |
| 6/12/2007 14:45 | 37.5   | 3.956 | 56.353 | -0.029 |
| 6/12/2007 14:45 | 37.75  | 3.965 | 56.35  | -0.008 |
| 6/12/2007 14:45 | 38     | 3.96  | 56.351 | -0.02  |
| 6/12/2007 14:45 | 38.25  | 3.958 | 56.351 | -0.023 |
| 6/12/2007 14:45 | 38.5   | 3.966 | 56.352 | -0.006 |
| 6/12/2007 14:45 | 38.75  | 3.962 | 56.349 | -0.015 |
| 6/12/2007 14:45 | 39     | 3.966 | 56.346 | -0.005 |
| 6/12/2007 14:45 | 39.25  | 3.969 | 56.348 | 0.001  |
| 6/12/2007 14:45 | 39.5   | 3.959 | 56.347 | -0.021 |
| 6/12/2007 14:45 | 39.75  | 3.961 | 56.334 | -0.017 |
| 6/12/2007 14:45 | 40     | 3.962 | 56.344 | -0.013 |
| 6/12/2007 14:45 | 40.25  | 3.969 | 56.348 | 0.001  |
| 6/12/2007 14:45 | 40.5   | 3.967 | 56.351 | -0.004 |
| 6/12/2007 14:45 | 40.75  | 3.964 | 56.342 | -0.011 |
| 6/12/2007 14:45 | 41     | 3.968 | 56.346 | -0.002 |
| 6/12/2007 14:45 | 41.25  | 3.959 | 56.349 | -0.022 |
| 6/12/2007 14:45 | 41.5   | 3.966 | 56.343 | -0.005 |
| 6/12/2007 14:45 | 41.75  | 3.968 | 56.349 | 0      |
| 6/12/2007 14:45 | 42     | 3.959 | 56.344 | -0.02  |
| 6/12/2007 14:45 | 42.25  | 3.963 | 56.343 | -0.012 |
| 6/12/2007 14:45 | 42.5   | 3.965 | 56.347 | -0.006 |
| 6/12/2007 14:45 | 42.75  | 3.963 | 56.344 | -0.012 |

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|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:45 | 43     | 3.964 | 56.343 | -0.01  |
| 6/12/2007 14:45 | 43.25  | 3.963 | 56.347 | -0.011 |
| 6/12/2007 14:45 | 43.5   | 3.96  | 56.343 | -0.019 |
| 6/12/2007 14:45 | 43.75  | 3.964 | 56.346 | -0.009 |
| 6/12/2007 14:45 | 44     | 3.968 | 56.344 | 0.001  |
| 6/12/2007 14:45 | 44.25  | 3.963 | 56.346 | -0.013 |
| 6/12/2007 14:45 | 44.5   | 3.95  | 56.343 | -0.041 |
| 6/12/2007 14:45 | 44.75  | 3.957 | 56.342 | -0.026 |
| 6/12/2007 14:45 | 45     | 3.933 | 56.339 | -0.082 |
| 6/12/2007 14:45 | 45.25  | 3.936 | 56.34  | -0.074 |
| 6/12/2007 14:45 | 45.5   | 3.769 | 56.343 | -0.461 |
| 6/12/2007 14:45 | 45.75  | 3.88  | 56.344 | -0.204 |
| 6/12/2007 14:45 | 46     | 3.911 | 56.339 | -0.133 |
| 6/12/2007 14:45 | 46.25  | 3.95  | 56.343 | -0.042 |
| 6/12/2007 14:45 | 46.5   | 3.956 | 56.336 | -0.028 |
| 6/12/2007 14:45 | 46.75  | 3.95  | 56.341 | -0.041 |
| 6/12/2007 14:45 | 47     | 3.944 | 56.34  | -0.056 |
| 6/12/2007 14:45 | 47.25  | 3.953 | 56.339 | -0.035 |
| 6/12/2007 14:45 | 47.5   | 3.957 | 56.334 | -0.026 |
| 6/12/2007 14:45 | 47.75  | 3.953 | 56.342 | -0.036 |
| 6/12/2007 14:45 | 48     | 3.959 | 56.337 | -0.022 |
| 6/12/2007 14:45 | 48.25  | 3.963 | 56.339 | -0.012 |
| 6/12/2007 14:45 | 48.5   | 3.959 | 56.334 | -0.02  |
| 6/12/2007 14:45 | 48.75  | 3.966 | 56.336 | -0.006 |
| 6/12/2007 14:45 | 49     | 3.966 | 56.337 | -0.006 |
| 6/12/2007 14:45 | 49.25  | 3.962 | 56.338 | -0.014 |
| 6/12/2007 14:45 | 49.5   | 3.966 | 56.342 | -0.006 |
| 6/12/2007 14:45 | 49.75  | 3.962 | 56.341 | -0.014 |
| 6/12/2007 14:45 | 50     | 3.961 | 56.335 | -0.017 |
| 6/12/2007 14:45 | 50.25  | 3.964 | 56.337 | -0.009 |
| 6/12/2007 14:45 | 50.5   | 3.963 | 56.334 | -0.013 |
| 6/12/2007 14:45 | 50.75  | 3.964 | 56.341 | -0.01  |
| 6/12/2007 14:45 | 51     | 3.962 | 56.338 | -0.013 |
| 6/12/2007 14:45 | 51.25  | 3.961 | 56.341 | -0.017 |
| 6/12/2007 14:45 | 51.5   | 3.965 | 56.332 | -0.007 |
| 6/12/2007 14:45 | 51.751 | 3.957 | 56.335 | -0.027 |
| 6/12/2007 14:45 | 52.001 | 3.969 | 56.337 | 0.003  |
| 6/12/2007 14:45 | 52.256 | 3.968 | 56.332 | 0      |
| 6/12/2007 14:45 | 52.501 | 3.961 | 56.332 | -0.016 |
| 6/12/2007 14:45 | 52.751 | 3.971 | 56.334 | 0.007  |
| 6/12/2007 14:45 | 53.001 | 3.968 | 56.337 | -0.001 |
| 6/12/2007 14:45 | 53.251 | 3.972 | 56.335 | 0.008  |
| 6/12/2007 14:45 | 53.501 | 3.973 | 56.335 | 0.011  |
| 6/12/2007 14:45 | 53.751 | 3.965 | 56.333 | -0.006 |

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|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:45 | 54.001 | 3.969 | 56.333 | 0.002  |
| 6/12/2007 14:45 | 54.251 | 3.962 | 56.328 | -0.014 |
| 6/12/2007 14:45 | 54.501 | 3.969 | 56.325 | 0.001  |
| 6/12/2007 14:45 | 54.751 | 3.968 | 56.331 | -0.001 |
| 6/12/2007 14:45 | 55.001 | 3.963 | 56.328 | -0.013 |
| 6/12/2007 14:45 | 55.251 | 3.969 | 56.329 | 0.003  |
| 6/12/2007 14:45 | 55.501 | 3.961 | 56.332 | -0.017 |
| 6/12/2007 14:45 | 55.751 | 3.961 | 56.332 | -0.017 |
| 6/12/2007 14:45 | 56.001 | 3.962 | 56.327 | -0.015 |
| 6/12/2007 14:45 | 56.251 | 3.963 | 56.327 | -0.012 |
| 6/12/2007 14:45 | 56.501 | 3.963 | 56.335 | -0.011 |
| 6/12/2007 14:45 | 56.751 | 3.956 | 56.329 | -0.027 |
| 6/12/2007 14:45 | 57.001 | 3.963 | 56.33  | -0.013 |
| 6/12/2007 14:45 | 57.251 | 3.966 | 56.327 | -0.006 |
| 6/12/2007 14:45 | 57.5   | 3.961 | 56.329 | -0.017 |
| 6/12/2007 14:45 | 57.75  | 3.966 | 56.326 | -0.005 |
| 6/12/2007 14:45 | 58     | 3.969 | 56.328 | 0.003  |
| 6/12/2007 14:45 | 58.25  | 3.962 | 56.328 | -0.013 |
| 6/12/2007 14:45 | 58.5   | 3.971 | 56.328 | 0.008  |
| 6/12/2007 14:45 | 58.75  | 3.969 | 56.325 | 0.002  |
| 6/12/2007 14:45 | 59     | 3.969 | 56.331 | 0.002  |
| 6/12/2007 14:45 | 59.25  | 3.969 | 56.323 | 0.001  |
| 6/12/2007 14:45 | 59.5   | 3.966 | 56.323 | -0.005 |
| 6/12/2007 14:45 | 59.75  | 3.973 | 56.325 | 0.01   |
| 6/12/2007 14:45 | 60     | 3.964 | 56.324 | -0.009 |
| 6/12/2007 14:45 | 60.25  | 3.97  | 56.324 | 0.005  |
| 6/12/2007 14:45 | 60.5   | 3.977 | 56.326 | 0.02   |
| 6/12/2007 14:45 | 60.75  | 3.968 | 56.324 | 0      |
| 6/12/2007 14:45 | 61     | 3.963 | 56.327 | -0.012 |
| 6/12/2007 14:45 | 61.25  | 3.965 | 56.326 | -0.007 |
| 6/12/2007 14:45 | 61.5   | 3.961 | 56.322 | -0.017 |
| 6/12/2007 14:45 | 61.75  | 3.959 | 56.32  | -0.021 |
| 6/12/2007 14:45 | 62     | 3.963 | 56.322 | -0.012 |
| 6/12/2007 14:45 | 62.25  | 3.962 | 56.327 | -0.015 |
| 6/12/2007 14:45 | 62.5   | 3.964 | 56.326 | -0.01  |
| 6/12/2007 14:45 | 62.75  | 3.962 | 56.323 | -0.014 |
| 6/12/2007 14:45 | 63     | 3.969 | 56.322 | 0.003  |
| 6/12/2007 14:45 | 63.25  | 3.967 | 56.323 | -0.003 |
| 6/12/2007 14:45 | 63.5   | 3.962 | 56.319 | -0.014 |
| 6/12/2007 14:45 | 63.75  | 3.968 | 56.319 | 0      |
| 6/12/2007 14:45 | 64     | 3.962 | 56.321 | -0.014 |
| 6/12/2007 14:45 | 64.251 | 3.963 | 56.321 | -0.012 |
| 6/12/2007 14:45 | 64.501 | 3.973 | 56.32  | 0.012  |
| 6/12/2007 14:45 | 64.751 | 3.962 | 56.319 | -0.015 |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:45 | 65.001 | 3.968 | 56.32  | 0      |
| 6/12/2007 14:45 | 65.251 | 3.971 | 56.317 | 0.006  |
| 6/12/2007 14:45 | 65.501 | 3.97  | 56.317 | 0.005  |
| 6/12/2007 14:45 | 65.751 | 3.973 | 56.319 | 0.012  |
| 6/12/2007 14:45 | 66.001 | 3.974 | 56.325 | 0.013  |
| 6/12/2007 14:45 | 66.251 | 3.979 | 56.32  | 0.024  |
| 6/12/2007 14:45 | 66.501 | 3.973 | 56.318 | 0.011  |
| 6/12/2007 14:45 | 66.751 | 3.974 | 56.317 | 0.013  |
| 6/12/2007 14:45 | 67.001 | 3.973 | 56.319 | 0.012  |
| 6/12/2007 14:45 | 67.251 | 3.968 | 56.316 | 0      |
| 6/12/2007 14:45 | 67.501 | 3.972 | 56.317 | 0.01   |
| 6/12/2007 14:45 | 67.751 | 3.972 | 56.316 | 0.009  |
| 6/12/2007 14:45 | 68.001 | 3.968 | 56.314 | 0      |
| 6/12/2007 14:45 | 68.251 | 3.97  | 56.311 | 0.003  |
| 6/12/2007 14:45 | 68.501 | 3.959 | 56.316 | -0.021 |
| 6/12/2007 14:45 | 68.751 | 3.962 | 56.314 | -0.015 |
| 6/12/2007 14:45 | 69.001 | 3.96  | 56.321 | -0.018 |
| 6/12/2007 14:45 | 69.251 | 3.961 | 56.313 | -0.016 |
| 6/12/2007 14:45 | 69.501 | 3.968 | 56.309 | 0.001  |
| 6/12/2007 14:45 | 69.75  | 3.962 | 56.316 | -0.014 |
| 6/12/2007 14:45 | 70     | 3.962 | 56.314 | -0.015 |
| 6/12/2007 14:45 | 70.25  | 3.969 | 56.313 | 0.002  |
| 6/12/2007 14:45 | 70.5   | 3.957 | 56.314 | -0.025 |
| 6/12/2007 14:45 | 70.75  | 3.967 | 56.313 | -0.002 |
| 6/12/2007 14:45 | 71     | 3.966 | 56.314 | -0.006 |
| 6/12/2007 14:45 | 71.25  | 3.963 | 56.308 | -0.013 |
| 6/12/2007 14:45 | 71.5   | 3.974 | 56.314 | 0.013  |
| 6/12/2007 14:45 | 71.75  | 3.965 | 56.312 | -0.008 |
| 6/12/2007 14:45 | 72     | 3.97  | 56.309 | 0.003  |
| 6/12/2007 14:45 | 72.25  | 3.972 | 56.313 | 0.009  |
| 6/12/2007 14:45 | 72.5   | 3.971 | 56.314 | 0.006  |
| 6/12/2007 14:45 | 72.75  | 3.974 | 56.314 | 0.014  |
| 6/12/2007 14:45 | 73     | 3.974 | 56.312 | 0.015  |
| 6/12/2007 14:45 | 73.25  | 3.968 | 56.314 | 0      |
| 6/12/2007 14:45 | 73.5   | 3.973 | 56.31  | 0.011  |
| 6/12/2007 14:45 | 73.75  | 3.969 | 56.308 | 0.002  |
| 6/12/2007 14:45 | 74     | 3.97  | 56.308 | 0.005  |
| 6/12/2007 14:45 | 74.25  | 3.965 | 56.308 | -0.007 |
| 6/12/2007 14:45 | 74.5   | 3.958 | 56.31  | -0.023 |
| 6/12/2007 14:45 | 74.75  | 3.964 | 56.307 | -0.009 |
| 6/12/2007 14:45 | 75     | 3.959 | 56.307 | -0.022 |
| 6/12/2007 14:45 | 75.25  | 3.96  | 56.311 | -0.02  |
| 6/12/2007 14:45 | 75.5   | 3.959 | 56.307 | -0.022 |
| 6/12/2007 14:45 | 75.75  | 3.956 | 56.309 | -0.028 |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:45 | 76     | 3.965 | 56.309 | -0.006 |
| 6/12/2007 14:45 | 76.25  | 3.958 | 56.311 | -0.024 |
| 6/12/2007 14:45 | 76.5   | 3.964 | 56.311 | -0.009 |
| 6/12/2007 14:45 | 76.751 | 3.965 | 56.301 | -0.008 |
| 6/12/2007 14:46 | 77.001 | 3.961 | 56.306 | -0.017 |
| 6/12/2007 14:46 | 77.251 | 3.963 | 56.308 | -0.013 |
| 6/12/2007 14:46 | 77.501 | 3.967 | 56.308 | -0.003 |
| 6/12/2007 14:46 | 77.751 | 3.961 | 56.307 | -0.016 |
| 6/12/2007 14:46 | 78.001 | 3.967 | 56.304 | -0.004 |
| 6/12/2007 14:46 | 78.251 | 3.963 | 56.306 | -0.012 |
| 6/12/2007 14:46 | 78.501 | 3.97  | 56.303 | 0.004  |
| 6/12/2007 14:46 | 78.751 | 3.97  | 56.302 | 0.005  |
| 6/12/2007 14:46 | 79.001 | 3.964 | 56.304 | -0.009 |
| 6/12/2007 14:46 | 79.251 | 3.973 | 56.304 | 0.011  |
| 6/12/2007 14:46 | 79.501 | 3.97  | 56.307 | 0.004  |
| 6/12/2007 14:46 | 79.751 | 3.969 | 56.31  | 0.001  |
| 6/12/2007 14:46 | 80.001 | 3.973 | 56.301 | 0.01   |
| 6/12/2007 14:46 | 80.251 | 3.967 | 56.303 | -0.002 |
| 6/12/2007 14:46 | 80.501 | 3.967 | 56.297 | -0.002 |
| 6/12/2007 14:46 | 80.751 | 3.964 | 56.301 | -0.009 |
| 6/12/2007 14:46 | 81.001 | 3.97  | 56.302 | 0.003  |
| 6/12/2007 14:46 | 81.251 | 3.965 | 56.296 | -0.008 |
| 6/12/2007 14:46 | 81.501 | 3.966 | 56.298 | -0.004 |
| 6/12/2007 14:46 | 81.751 | 3.962 | 56.302 | -0.015 |
| 6/12/2007 14:46 | 82.001 | 3.962 | 56.307 | -0.015 |
| 6/12/2007 14:46 | 82.25  | 3.96  | 56.299 | -0.018 |
| 6/12/2007 14:46 | 82.5   | 3.966 | 56.301 | -0.005 |
| 6/12/2007 14:46 | 82.75  | 3.957 | 56.295 | -0.026 |
| 6/12/2007 14:46 | 83     | 3.963 | 56.296 | -0.012 |
| 6/12/2007 14:46 | 83.25  | 3.965 | 56.298 | -0.007 |
| 6/12/2007 14:46 | 83.5   | 3.967 | 56.298 | -0.003 |
| 6/12/2007 14:46 | 83.75  | 3.966 | 56.302 | -0.006 |
| 6/12/2007 14:46 | 84     | 3.958 | 56.297 | -0.023 |
| 6/12/2007 14:46 | 84.25  | 3.964 | 56.296 | -0.009 |
| 6/12/2007 14:46 | 84.5   | 3.963 | 56.298 | -0.012 |
| 6/12/2007 14:46 | 84.75  | 3.966 | 56.295 | -0.006 |
| 6/12/2007 14:46 | 85     | 3.967 | 56.303 | -0.003 |
| 6/12/2007 14:46 | 85.25  | 3.968 | 56.291 | 0      |
| 6/12/2007 14:46 | 85.5   | 3.968 | 56.296 | 0      |
| 6/12/2007 14:46 | 85.75  | 3.964 | 56.293 | -0.01  |
| 6/12/2007 14:46 | 86     | 3.963 | 56.297 | -0.012 |
| 6/12/2007 14:46 | 86.25  | 3.968 | 56.296 | -0.002 |
| 6/12/2007 14:46 | 86.5   | 3.967 | 56.296 | -0.002 |
| 6/12/2007 14:46 | 86.75  | 3.967 | 56.299 | -0.003 |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 14:46 | 87     | 3.968 | 56.292 | -0.002 |
| 6/12/2007 14:46 | 87.25  | 3.964 | 56.29  | -0.009 |
| 6/12/2007 14:46 | 87.5   | 3.962 | 56.29  | -0.014 |
| 6/12/2007 14:46 | 87.75  | 3.963 | 56.293 | -0.013 |
| 6/12/2007 14:46 | 88     | 3.963 | 56.293 | -0.013 |
| 6/12/2007 14:46 | 88.25  | 3.965 | 56.293 | -0.008 |
| 6/12/2007 14:46 | 88.5   | 3.953 | 56.29  | -0.036 |
| 6/12/2007 14:46 | 88.75  | 3.955 | 56.288 | -0.03  |
| 6/12/2007 14:46 | 89     | 3.962 | 56.289 | -0.014 |
| 6/12/2007 14:46 | 89.251 | 3.952 | 56.293 | -0.038 |
| 6/12/2007 14:46 | 89.501 | 3.971 | 56.293 | 0.006  |
| 6/12/2007 14:46 | 89.751 | 3.962 | 56.287 | -0.013 |
| 6/12/2007 14:46 | 90.001 | 3.961 | 56.288 | -0.016 |
| 6/12/2007 14:46 | 90.251 | 3.963 | 56.285 | -0.012 |
| 6/12/2007 14:46 | 90.501 | 3.969 | 56.29  | 0.001  |
| 6/12/2007 14:46 | 90.751 | 3.968 | 56.287 | -0.001 |
| 6/12/2007 14:46 | 91.001 | 3.968 | 56.287 | -0.001 |
| 6/12/2007 14:46 | 91.251 | 3.968 | 56.284 | 0.001  |
| 6/12/2007 14:46 | 91.501 | 3.972 | 56.292 | 0.009  |
| 6/12/2007 14:46 | 91.751 | 3.963 | 56.289 | -0.011 |
| 6/12/2007 14:46 | 92.001 | 3.964 | 56.285 | -0.009 |
| 6/12/2007 14:46 | 92.251 | 3.967 | 56.288 | -0.003 |
| 6/12/2007 14:46 | 92.501 | 3.963 | 56.282 | -0.011 |
| 6/12/2007 14:46 | 92.751 | 3.967 | 56.287 | -0.003 |
| 6/12/2007 14:46 | 93.001 | 3.956 | 56.28  | -0.027 |
| 6/12/2007 14:46 | 93.251 | 3.961 | 56.284 | -0.016 |
| 6/12/2007 14:46 | 93.501 | 3.958 | 56.287 | -0.023 |
| 6/12/2007 14:46 | 93.751 | 3.955 | 56.282 | -0.03  |
| 6/12/2007 14:46 | 94.001 | 3.962 | 56.287 | -0.015 |
| 6/12/2007 14:46 | 94.251 | 3.958 | 56.284 | -0.023 |
| 6/12/2007 14:46 | 94.501 | 3.956 | 56.286 | -0.028 |
| 6/12/2007 14:46 | 94.75  | 3.959 | 56.281 | -0.02  |
| 6/12/2007 14:46 | 95     | 3.957 | 56.284 | -0.026 |
| 6/12/2007 14:46 | 95.25  | 3.959 | 56.279 | -0.022 |
| 6/12/2007 14:46 | 95.5   | 3.96  | 56.28  | -0.018 |
| 6/12/2007 14:46 | 95.75  | 3.961 | 56.28  | -0.017 |
| 6/12/2007 14:46 | 96     | 3.969 | 56.284 | 0.003  |
| 6/12/2007 14:46 | 96.25  | 3.962 | 56.282 | -0.014 |
| 6/12/2007 14:46 | 96.5   | 3.965 | 56.283 | -0.008 |
| 6/12/2007 14:46 | 96.75  | 3.967 | 56.279 | -0.003 |
| 6/12/2007 14:46 | 97     | 3.97  | 56.275 | 0.005  |
| 6/12/2007 14:46 | 97.25  | 3.971 | 56.278 | 0.007  |
| 6/12/2007 14:46 | 97.5   | 3.972 | 56.282 | 0.009  |
| 6/12/2007 14:46 | 97.75  | 3.968 | 56.277 | 0      |

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|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/12/2007 14:46 | 98      | 3.973 | 56.277 | 0.012  |
| 6/12/2007 14:46 | 98.25   | 3.971 | 56.281 | 0.007  |
| 6/12/2007 14:46 | 98.5    | 3.968 | 56.273 | -0.001 |
| 6/12/2007 14:46 | 98.75   | 3.969 | 56.271 | 0.001  |
| 6/12/2007 14:46 | 99      | 3.971 | 56.275 | 0.005  |
| 6/12/2007 14:46 | 99.25   | 3.96  | 56.277 | -0.019 |
| 6/12/2007 14:46 | 99.5    | 3.964 | 56.278 | -0.009 |
| 6/12/2007 14:46 | 99.75   | 3.965 | 56.274 | -0.008 |
| 6/12/2007 14:46 | 100     | 3.961 | 56.272 | -0.017 |
| 6/12/2007 14:46 | 100.25  | 3.957 | 56.273 | -0.027 |
| 6/12/2007 14:46 | 100.5   | 3.963 | 56.273 | -0.012 |
| 6/12/2007 14:46 | 100.75  | 3.955 | 56.277 | -0.03  |
| 6/12/2007 14:46 | 101     | 3.956 | 56.278 | -0.028 |
| 6/12/2007 14:46 | 101.25  | 3.955 | 56.272 | -0.029 |
| 6/12/2007 14:46 | 101.5   | 3.959 | 56.272 | -0.02  |
| 6/12/2007 14:46 | 101.751 | 3.962 | 56.273 | -0.014 |
| 6/12/2007 14:46 | 102.001 | 3.964 | 56.269 | -0.011 |
| 6/12/2007 14:46 | 102.251 | 3.966 | 56.272 | -0.005 |
| 6/12/2007 14:46 | 102.501 | 3.97  | 56.272 | 0.003  |
| 6/12/2007 14:46 | 102.751 | 3.97  | 56.267 | 0.004  |
| 6/12/2007 14:46 | 103.001 | 3.968 | 56.271 | 0      |
| 6/12/2007 14:46 | 103.251 | 3.97  | 56.263 | 0.003  |
| 6/12/2007 14:46 | 103.501 | 3.968 | 56.271 | 0      |
| 6/12/2007 14:46 | 103.751 | 3.968 | 56.267 | -0.001 |
| 6/12/2007 14:46 | 104.001 | 3.968 | 56.265 | -0.001 |
| 6/12/2007 14:46 | 104.251 | 3.963 | 56.267 | -0.012 |
| 6/12/2007 14:46 | 104.501 | 3.964 | 56.259 | -0.009 |
| 6/12/2007 14:46 | 104.751 | 3.965 | 56.262 | -0.006 |
| 6/12/2007 14:46 | 105.001 | 3.962 | 56.261 | -0.014 |
| 6/12/2007 14:46 | 105.251 | 3.964 | 56.266 | -0.009 |
| 6/12/2007 14:46 | 105.501 | 3.965 | 56.263 | -0.008 |
| 6/12/2007 14:46 | 105.751 | 3.966 | 56.265 | -0.005 |
| 6/12/2007 14:46 | 106.001 | 3.962 | 56.264 | -0.014 |
| 6/12/2007 14:46 | 106.251 | 3.963 | 56.26  | -0.013 |
| 6/12/2007 14:46 | 106.501 | 3.965 | 56.259 | -0.008 |
| 6/12/2007 14:46 | 106.751 | 3.961 | 56.257 | -0.016 |
| 6/12/2007 14:46 | 107.001 | 3.957 | 56.266 | -0.026 |
| 6/12/2007 14:46 | 107.25  | 3.961 | 56.259 | -0.017 |
| 6/12/2007 14:46 | 107.5   | 3.958 | 56.26  | -0.023 |
| 6/12/2007 14:46 | 107.75  | 3.964 | 56.262 | -0.009 |
| 6/12/2007 14:46 | 108     | 3.958 | 56.257 | -0.024 |
| 6/12/2007 14:46 | 108.25  | 3.962 | 56.263 | -0.013 |
| 6/12/2007 14:46 | 108.5   | 3.969 | 56.262 | 0.001  |
| 6/12/2007 14:46 | 108.75  | 3.967 | 56.262 | -0.004 |

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|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/12/2007 14:46 | 109     | 3.968 | 56.258 | 0      |
| 6/12/2007 14:46 | 109.25  | 3.971 | 56.26  | 0.006  |
| 6/12/2007 14:46 | 109.5   | 3.971 | 56.258 | 0.005  |
| 6/12/2007 14:46 | 109.75  | 3.964 | 56.256 | -0.01  |
| 6/12/2007 14:46 | 110     | 3.969 | 56.263 | 0.002  |
| 6/12/2007 14:46 | 110.25  | 3.966 | 56.261 | -0.004 |
| 6/12/2007 14:46 | 110.5   | 3.964 | 56.255 | -0.01  |
| 6/12/2007 14:46 | 110.75  | 3.966 | 56.255 | -0.006 |
| 6/12/2007 14:46 | 111     | 3.966 | 56.256 | -0.005 |
| 6/12/2007 14:46 | 111.25  | 3.964 | 56.253 | -0.009 |
| 6/12/2007 14:46 | 111.5   | 3.97  | 56.258 | 0.005  |
| 6/12/2007 14:46 | 111.75  | 3.967 | 56.255 | -0.004 |
| 6/12/2007 14:46 | 112     | 3.968 | 56.255 | -0.001 |
| 6/12/2007 14:46 | 112.25  | 3.966 | 56.255 | -0.006 |
| 6/12/2007 14:46 | 112.5   | 3.972 | 56.253 | 0.008  |
| 6/12/2007 14:46 | 112.75  | 3.964 | 56.254 | -0.01  |
| 6/12/2007 14:46 | 113     | 3.961 | 56.249 | -0.016 |
| 6/12/2007 14:46 | 113.25  | 3.965 | 56.253 | -0.008 |
| 6/12/2007 14:46 | 113.5   | 3.96  | 56.25  | -0.018 |
| 6/12/2007 14:46 | 113.75  | 3.957 | 56.253 | -0.026 |
| 6/12/2007 14:46 | 115.001 | 3.964 | 56.164 | -0.009 |
| 6/12/2007 14:46 | 115.205 | 3.976 | 56.196 | 0.018  |
| 6/12/2007 14:46 | 115.409 | 3.962 | 56.216 | -0.015 |
| 6/12/2007 14:46 | 115.613 | 3.964 | 56.228 | -0.009 |
| 6/12/2007 14:46 | 115.816 | 3.969 | 56.238 | 0.001  |
| 6/12/2007 14:46 | 116.021 | 3.959 | 56.249 | -0.022 |
| 6/12/2007 14:46 | 116.225 | 3.959 | 56.255 | -0.021 |
| 6/12/2007 14:46 | 116.429 | 3.972 | 56.257 | 0.01   |
| 6/12/2007 14:46 | 116.633 | 3.964 | 56.261 | -0.011 |
| 6/12/2007 14:46 | 116.837 | 3.959 | 56.266 | -0.021 |
| 6/12/2007 14:46 | 117.041 | 3.962 | 56.269 | -0.013 |
| 6/12/2007 14:46 | 117.245 | 3.974 | 56.27  | 0.014  |
| 6/12/2007 14:46 | 117.449 | 3.956 | 56.274 | -0.027 |
| 6/12/2007 14:46 | 117.652 | 3.961 | 56.272 | -0.016 |
| 6/12/2007 14:46 | 117.856 | 3.972 | 56.275 | 0.009  |
| 6/12/2007 14:46 | 118.059 | 3.963 | 56.275 | -0.012 |
| 6/12/2007 14:46 | 118.262 | 3.961 | 56.28  | -0.016 |
| 6/12/2007 14:46 | 118.466 | 3.965 | 56.28  | -0.007 |
| 6/12/2007 14:46 | 118.669 | 3.968 | 56.278 | 0      |
| 6/12/2007 14:46 | 118.872 | 3.964 | 56.284 | -0.01  |
| 6/12/2007 14:46 | 119.076 | 3.961 | 56.282 | -0.016 |
| 6/12/2007 14:46 | 119.279 | 3.966 | 56.286 | -0.005 |
| 6/12/2007 14:46 | 119.501 | 3.961 | 56.278 | -0.017 |
| 6/12/2007 14:46 | 119.751 | 3.958 | 56.272 | -0.024 |

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|                 |          |       |        |        |
|-----------------|----------|-------|--------|--------|
| 6/12/2007 14:46 | 120      | 3.966 | 56.266 | -0.006 |
| 6/12/2007 14:47 | 180.005  | 3.966 | 55.968 | -0.004 |
| 6/12/2007 14:48 | 240.018  | 3.96  | 55.828 | -0.019 |
| 6/12/2007 14:49 | 300      | 3.967 | 55.796 | -0.003 |
| 6/12/2007 14:50 | 360      | 3.961 | 55.782 | -0.018 |
| 6/12/2007 14:51 | 420.076  | 3.96  | 55.778 | -0.019 |
| 6/12/2007 14:52 | 480      | 3.959 | 55.77  | -0.021 |
| 6/12/2007 14:53 | 540      | 3.963 | 55.709 | -0.013 |
| 6/12/2007 14:54 | 600.168  | 3.965 | 55.672 | -0.007 |
| 6/12/2007 14:55 | 660      | 3.961 | 55.659 | -0.017 |
| 6/12/2007 14:56 | 720      | 3.957 | 55.646 | -0.025 |
| 6/12/2007 14:57 | 780.142  | 3.975 | 55.618 | 0.016  |
| 6/12/2007 14:58 | 840.013  | 3.963 | 55.561 | -0.013 |
| 6/12/2007 14:59 | 900      | 3.966 | 55.527 | -0.006 |
| 6/12/2007 15:00 | 960      | 3.967 | 55.509 | -0.002 |
| 6/12/2007 15:01 | 1020     | 3.968 | 55.338 | -0.001 |
| 6/12/2007 15:02 | 1080     | 3.972 | 55.265 | 0.008  |
| 6/12/2007 15:03 | 1140     | 3.955 | 55.206 | -0.029 |
| 6/12/2007 15:04 | 1200     | 3.963 | 55.165 | -0.012 |
| 6/12/2007 15:05 | 1260     | 3.954 | 55.127 | -0.034 |
| 6/12/2007 15:06 | 1320.001 | 3.958 | 55.099 | -0.024 |

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## Raw Test Data for P-396 S Rising Head

Report Date: 6/17/2007 7:02  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p396s b 2007-06-12 12.02.19.wsl  
Create Date 6/12/2007 11:01

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p396s b           |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/12/2007 10:29   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250  
Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00  
Step 2  
Duration Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval Days: 0 Hours: 00 Mins: 01 Secs: 00

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.96365 (PSI)     |
| Temperature                   | 55.2321 (F)       |
| Depth of Probe                | 11.4667 (ft)      |

Log Notes:  
Date and Time Note  
6/12/2007 10:28 User Note: "Level reference initialized to: 0"  
6/12/2007 10:30 Manual Start Command

Log Data:  
Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/12/2007 10:30 | 0                       | 4.971                           | 54.295                          | 0.016                           |
| 6/12/2007 10:30 | 0.25                    | 4.972                           | 54.332                          | 0.019                           |
| 6/12/2007 10:30 | 0.5                     | 4.971                           | 54.358                          | 0.017                           |
| 6/12/2007 10:30 | 0.75                    | 4.971                           | 54.372                          | 0.017                           |
| 6/12/2007 10:30 | 1                       | 4.971                           | 54.385                          | 0.016                           |
| 6/12/2007 10:30 | 1.25                    | 4.969                           | 54.401                          | 0.013                           |
| 6/12/2007 10:30 | 1.936                   | 4.975                           | 54.354                          | 0.025                           |
| 6/12/2007 10:30 | 2.141                   | 4.973                           | 54.389                          | 0.022                           |
| 6/12/2007 10:30 | 2.346                   | 4.972                           | 54.412                          | 0.019                           |
| 6/12/2007 10:30 | 2.553                   | 4.97                            | 54.424                          | 0.015                           |
| 6/12/2007 10:30 | 2.759                   | 4.971                           | 54.437                          | 0.016                           |
| 6/12/2007 10:30 | 2.966                   | 4.973                           | 54.444                          | 0.022                           |
| 6/12/2007 10:30 | 3.173                   | 4.97                            | 54.454                          | 0.015                           |
| 6/12/2007 10:30 | 3.379                   | 4.971                           | 54.458                          | 0.016                           |
| 6/12/2007 10:30 | 3.584                   | 4.971                           | 54.458                          | 0.018                           |
| 6/12/2007 10:30 | 3.79                    | 4.971                           | 54.464                          | 0.018                           |
| 6/12/2007 10:30 | 3.997                   | 4.971                           | 54.475                          | 0.016                           |
| 6/12/2007 10:30 | 4.408                   | 4.973                           | 54.435                          | 0.022                           |
| 6/12/2007 10:30 | 4.613                   | 4.974                           | 54.449                          | 0.025                           |
| 6/12/2007 10:30 | 4.819                   | 4.972                           | 54.46                           | 0.019                           |
| 6/12/2007 10:30 | 5.023                   | 4.971                           | 54.468                          | 0.018                           |
| 6/12/2007 10:30 | 5.25                    | 4.972                           | 54.462                          | 0.018                           |
| 6/12/2007 10:30 | 5.5                     | 4.971                           | 54.463                          | 0.017                           |
| 6/12/2007 10:30 | 5.75                    | 4.971                           | 54.466                          | 0.016                           |
| 6/12/2007 10:30 | 6                       | 4.971                           | 54.457                          | 0.017                           |
| 6/12/2007 10:30 | 6.25                    | 4.971                           | 54.46                           | 0.017                           |
| 6/12/2007 10:30 | 6.5                     | 4.972                           | 54.457                          | 0.019                           |
| 6/12/2007 10:30 | 6.75                    | 4.973                           | 54.46                           | 0.021                           |
| 6/12/2007 10:30 | 7                       | 4.972                           | 54.458                          | 0.019                           |
| 6/12/2007 10:30 | 7.25                    | 4.972                           | 54.464                          | 0.019                           |
| 6/12/2007 10:30 | 7.5                     | 4.972                           | 54.461                          | 0.019                           |
| 6/12/2007 10:30 | 7.75                    | 4.972                           | 54.464                          | 0.02                            |
| 6/12/2007 10:30 | 8                       | 4.97                            | 54.466                          | 0.015                           |
| 6/12/2007 10:30 | 8.25                    | 4.971                           | 54.456                          | 0.018                           |
| 6/12/2007 10:30 | 8.5                     | 4.971                           | 54.463                          | 0.017                           |
| 6/12/2007 10:30 | 8.75                    | 4.971                           | 54.464                          | 0.018                           |
| 6/12/2007 10:30 | 9                       | 4.972                           | 54.461                          | 0.019                           |
| 6/12/2007 10:30 | 9.25                    | 4.971                           | 54.464                          | 0.016                           |
| 6/12/2007 10:30 | 9.5                     | 4.971                           | 54.459                          | 0.017                           |
| 6/12/2007 10:30 | 9.75                    | 4.971                           | 54.464                          | 0.016                           |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 10:30 | 10     | 4.97  | 54.464 | 0.015 |
| 6/12/2007 10:30 | 10.25  | 4.971 | 54.464 | 0.017 |
| 6/12/2007 10:30 | 10.5   | 4.97  | 54.457 | 0.015 |
| 6/12/2007 10:30 | 10.75  | 4.97  | 54.464 | 0.014 |
| 6/12/2007 10:30 | 11     | 4.972 | 54.466 | 0.019 |
| 6/12/2007 10:30 | 11.25  | 4.971 | 54.463 | 0.017 |
| 6/12/2007 10:30 | 11.5   | 4.971 | 54.454 | 0.017 |
| 6/12/2007 10:30 | 11.75  | 4.972 | 54.458 | 0.018 |
| 6/12/2007 10:30 | 12     | 4.972 | 54.461 | 0.019 |
| 6/12/2007 10:30 | 12.25  | 4.971 | 54.463 | 0.018 |
| 6/12/2007 10:30 | 12.5   | 4.97  | 54.464 | 0.016 |
| 6/12/2007 10:30 | 12.75  | 4.971 | 54.46  | 0.018 |
| 6/12/2007 10:30 | 13     | 4.971 | 54.454 | 0.017 |
| 6/12/2007 10:30 | 13.25  | 4.971 | 54.457 | 0.017 |
| 6/12/2007 10:30 | 13.5   | 4.971 | 54.462 | 0.017 |
| 6/12/2007 10:30 | 13.75  | 4.971 | 54.457 | 0.018 |
| 6/12/2007 10:30 | 14     | 4.97  | 54.459 | 0.015 |
| 6/12/2007 10:30 | 14.25  | 4.972 | 54.458 | 0.02  |
| 6/12/2007 10:30 | 14.5   | 4.971 | 54.458 | 0.016 |
| 6/12/2007 10:30 | 14.75  | 4.971 | 54.463 | 0.016 |
| 6/12/2007 10:30 | 15.172 | 4.972 | 54.436 | 0.02  |
| 6/12/2007 10:30 | 15.376 | 4.971 | 54.487 | 0.017 |
| 6/12/2007 10:30 | 15.711 | 4.97  | 54.442 | 0.015 |
| 6/12/2007 10:30 | 16.102 | 4.971 | 54.456 | 0.018 |
| 6/12/2007 10:30 | 16.307 | 4.971 | 54.467 | 0.016 |
| 6/12/2007 10:30 | 16.51  | 4.971 | 54.476 | 0.018 |
| 6/12/2007 10:30 | 16.713 | 4.97  | 54.476 | 0.014 |
| 6/12/2007 10:30 | 16.917 | 4.971 | 54.481 | 0.016 |
| 6/12/2007 10:30 | 17.12  | 4.971 | 54.448 | 0.016 |
| 6/12/2007 10:30 | 17.509 | 4.971 | 54.495 | 0.017 |
| 6/12/2007 10:30 | 17.843 | 4.971 | 54.451 | 0.016 |
| 6/12/2007 10:30 | 18.234 | 4.97  | 54.432 | 0.015 |
| 6/12/2007 10:30 | 18.623 | 4.971 | 54.481 | 0.017 |
| 6/12/2007 10:30 | 18.959 | 4.971 | 54.438 | 0.016 |
| 6/12/2007 10:30 | 19.35  | 4.971 | 54.424 | 0.018 |
| 6/12/2007 10:30 | 19.741 | 4.971 | 54.478 | 0.017 |
| 6/12/2007 10:30 | 20.076 | 4.968 | 54.44  | 0.01  |
| 6/12/2007 10:30 | 20.467 | 4.97  | 54.421 | 0.015 |
| 6/12/2007 10:30 | 20.857 | 4.972 | 54.468 | 0.019 |
| 6/12/2007 10:30 | 21.193 | 4.971 | 54.437 | 0.018 |
| 6/12/2007 10:30 | 21.588 | 4.969 | 54.421 | 0.013 |
| 6/12/2007 10:30 | 21.978 | 4.973 | 54.472 | 0.022 |
| 6/12/2007 10:30 | 22.312 | 4.975 | 54.433 | 0.026 |
| 6/12/2007 10:30 | 22.703 | 4.972 | 54.418 | 0.019 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 10:30 | 23.093 | 4.97  | 54.47  | 0.014 |
| 6/12/2007 10:30 | 23.428 | 4.968 | 54.429 | 0.011 |
| 6/12/2007 10:30 | 23.819 | 4.972 | 54.414 | 0.02  |
| 6/12/2007 10:30 | 24.21  | 4.968 | 54.469 | 0.01  |
| 6/12/2007 10:30 | 24.544 | 4.97  | 54.434 | 0.015 |
| 6/12/2007 10:30 | 24.935 | 4.968 | 54.414 | 0.01  |
| 6/12/2007 10:30 | 25.325 | 4.966 | 54.464 | 0.006 |
| 6/12/2007 10:30 | 25.66  | 4.969 | 54.429 | 0.013 |
| 6/12/2007 10:30 | 26.053 | 4.972 | 54.409 | 0.02  |
| 6/12/2007 10:30 | 26.444 | 4.97  | 54.46  | 0.014 |
| 6/12/2007 10:30 | 26.778 | 4.97  | 54.425 | 0.015 |
| 6/12/2007 10:30 | 27.168 | 4.967 | 54.412 | 0.008 |
| 6/12/2007 10:30 | 27.557 | 4.967 | 54.46  | 0.007 |
| 6/12/2007 10:30 | 27.892 | 4.969 | 54.424 | 0.012 |
| 6/12/2007 10:30 | 28.284 | 4.972 | 54.409 | 0.018 |
| 6/12/2007 10:30 | 28.674 | 4.967 | 54.459 | 0.009 |
| 6/12/2007 10:30 | 29.008 | 4.971 | 54.422 | 0.017 |
| 6/12/2007 10:30 | 29.401 | 4.971 | 54.401 | 0.016 |
| 6/12/2007 10:30 | 29.79  | 4.97  | 54.459 | 0.015 |
| 6/12/2007 10:30 | 30.124 | 4.971 | 54.421 | 0.016 |
| 6/12/2007 10:30 | 30.516 | 4.971 | 54.405 | 0.017 |
| 6/12/2007 10:30 | 30.905 | 4.97  | 54.456 | 0.014 |
| 6/12/2007 10:30 | 31.241 | 4.971 | 54.416 | 0.016 |
| 6/12/2007 10:30 | 31.631 | 4.967 | 54.403 | 0.009 |
| 6/12/2007 10:30 | 32.022 | 4.968 | 54.455 | 0.011 |
| 6/12/2007 10:30 | 32.357 | 4.969 | 54.421 | 0.012 |
| 6/12/2007 10:30 | 32.752 | 4.97  | 54.407 | 0.015 |
| 6/12/2007 10:30 | 33.143 | 4.97  | 54.454 | 0.016 |
| 6/12/2007 10:30 | 33.477 | 4.972 | 54.423 | 0.018 |
| 6/12/2007 10:30 | 33.874 | 4.969 | 54.402 | 0.012 |
| 6/12/2007 10:30 | 34.264 | 4.969 | 54.457 | 0.012 |
| 6/12/2007 10:30 | 34.6   | 4.97  | 54.419 | 0.015 |
| 6/12/2007 10:30 | 34.991 | 4.969 | 54.399 | 0.013 |
| 6/12/2007 10:30 | 35.381 | 4.969 | 54.453 | 0.012 |
| 6/12/2007 10:30 | 35.715 | 4.969 | 54.416 | 0.012 |
| 6/12/2007 10:30 | 36.111 | 4.969 | 54.399 | 0.012 |
| 6/12/2007 10:30 | 36.501 | 4.97  | 54.449 | 0.015 |
| 6/12/2007 10:30 | 36.836 | 4.97  | 54.412 | 0.015 |
| 6/12/2007 10:30 | 37.227 | 4.969 | 54.396 | 0.013 |
| 6/12/2007 10:30 | 37.617 | 4.969 | 54.447 | 0.012 |
| 6/12/2007 10:30 | 37.951 | 4.97  | 54.411 | 0.015 |
| 6/12/2007 10:30 | 38.342 | 4.969 | 54.394 | 0.012 |
| 6/12/2007 10:30 | 38.732 | 4.971 | 54.446 | 0.017 |
| 6/12/2007 10:30 | 39.068 | 4.971 | 54.411 | 0.017 |

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|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/12/2007 10:30 | 39.463 | 4.97  | 54.395 | 0.015  |
| 6/12/2007 10:30 | 39.853 | 4.97  | 54.452 | 0.015  |
| 6/12/2007 10:30 | 40.187 | 4.97  | 54.411 | 0.014  |
| 6/12/2007 10:30 | 40.578 | 4.971 | 54.388 | 0.016  |
| 6/12/2007 10:30 | 40.968 | 4.969 | 54.441 | 0.013  |
| 6/12/2007 10:30 | 41.303 | 4.97  | 54.409 | 0.014  |
| 6/12/2007 10:30 | 41.699 | 4.968 | 54.392 | 0.011  |
| 6/12/2007 10:30 | 42.088 | 4.969 | 54.438 | 0.013  |
| 6/12/2007 10:30 | 42.423 | 4.969 | 54.442 | 0.013  |
| 6/12/2007 10:30 | 42.628 | 4.969 | 54.439 | 0.011  |
| 6/12/2007 10:30 | 42.832 | 4.977 | 54.443 | 0.031  |
| 6/12/2007 10:30 | 43.036 | 4.97  | 54.409 | 0.015  |
| 6/12/2007 10:30 | 43.429 | 4.971 | 54.391 | 0.017  |
| 6/12/2007 10:30 | 43.819 | 4.968 | 54.446 | 0.01   |
| 6/12/2007 10:30 | 44.153 | 4.97  | 54.405 | 0.015  |
| 6/12/2007 10:30 | 44.544 | 4.969 | 54.388 | 0.014  |
| 6/12/2007 10:30 | 44.933 | 4.969 | 54.441 | 0.012  |
| 6/12/2007 10:30 | 45.268 | 4.969 | 54.403 | 0.013  |
| 6/12/2007 10:31 | 45.659 | 4.97  | 54.38  | 0.014  |
| 6/12/2007 10:31 | 46.049 | 4.969 | 54.434 | 0.012  |
| 6/12/2007 10:31 | 46.383 | 4.968 | 54.396 | 0.009  |
| 6/12/2007 10:31 | 46.774 | 4.97  | 54.385 | 0.015  |
| 6/12/2007 10:31 | 47.165 | 5.015 | 54.433 | 0.118  |
| 6/12/2007 10:31 | 47.5   | 4.976 | 54.392 | 0.029  |
| 6/12/2007 10:31 | 47.891 | 4.968 | 54.377 | 0.01   |
| 6/12/2007 10:31 | 48.28  | 4.867 | 54.43  | -0.223 |
| 6/12/2007 10:31 | 48.616 | 4.854 | 54.394 | -0.253 |
| 6/12/2007 10:31 | 49.006 | 4.694 | 54.378 | -0.623 |
| 6/12/2007 10:31 | 49.397 | 4.616 | 54.429 | -0.803 |
| 6/12/2007 10:31 | 49.731 | 4.802 | 54.39  | -0.373 |
| 6/12/2007 10:31 | 50.121 | 4.775 | 54.378 | -0.435 |
| 6/12/2007 10:31 | 50.51  | 4.75  | 54.424 | -0.493 |
| 6/12/2007 10:31 | 50.846 | 4.894 | 54.385 | -0.16  |
| 6/12/2007 10:31 | 51.237 | 4.912 | 54.373 | -0.119 |
| 6/12/2007 10:31 | 51.629 | 4.902 | 54.427 | -0.141 |
| 6/12/2007 10:31 | 51.964 | 4.914 | 54.393 | -0.116 |
| 6/12/2007 10:31 | 52.359 | 4.919 | 54.372 | -0.104 |
| 6/12/2007 10:31 | 52.748 | 4.957 | 54.424 | -0.014 |
| 6/12/2007 10:31 | 53.084 | 4.993 | 54.387 | 0.069  |
| 6/12/2007 10:31 | 53.479 | 5.001 | 54.369 | 0.085  |
| 6/12/2007 10:31 | 53.869 | 4.988 | 54.418 | 0.055  |
| 6/12/2007 10:31 | 54.203 | 4.977 | 54.382 | 0.032  |
| 6/12/2007 10:31 | 54.598 | 4.976 | 54.362 | 0.028  |
| 6/12/2007 10:31 | 54.989 | 4.979 | 54.384 | 0.035  |

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|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 10:31 | 55.193 | 4.982 | 54.401 | 0.041 |
| 6/12/2007 10:31 | 55.397 | 4.984 | 54.403 | 0.047 |
| 6/12/2007 10:31 | 55.602 | 4.984 | 54.441 | 0.048 |
| 6/12/2007 10:31 | 55.937 | 4.984 | 54.395 | 0.047 |
| 6/12/2007 10:31 | 56.327 | 4.982 | 54.375 | 0.041 |
| 6/12/2007 10:31 | 56.717 | 4.982 | 54.428 | 0.042 |
| 6/12/2007 10:31 | 57.053 | 4.982 | 54.386 | 0.043 |
| 6/12/2007 10:31 | 57.448 | 4.983 | 54.367 | 0.045 |
| 6/12/2007 10:31 | 57.837 | 4.981 | 54.418 | 0.04  |
| 6/12/2007 10:31 | 58.171 | 4.981 | 54.379 | 0.04  |
| 6/12/2007 10:31 | 58.567 | 4.983 | 54.364 | 0.044 |
| 6/12/2007 10:31 | 58.957 | 4.983 | 54.415 | 0.045 |
| 6/12/2007 10:31 | 59.292 | 4.983 | 54.374 | 0.044 |
| 6/12/2007 10:31 | 59.687 | 4.983 | 54.36  | 0.045 |
| 6/12/2007 10:31 | 60.077 | 4.982 | 54.409 | 0.043 |
| 6/12/2007 10:31 | 60.413 | 4.982 | 54.375 | 0.042 |
| 6/12/2007 10:31 | 60.804 | 4.981 | 54.355 | 0.04  |
| 6/12/2007 10:31 | 61.194 | 4.982 | 54.408 | 0.042 |
| 6/12/2007 10:31 | 61.529 | 4.984 | 54.373 | 0.047 |
| 6/12/2007 10:31 | 61.919 | 4.981 | 54.352 | 0.04  |
| 6/12/2007 10:31 | 62.308 | 4.981 | 54.409 | 0.041 |
| 6/12/2007 10:31 | 62.643 | 4.982 | 54.366 | 0.043 |
| 6/12/2007 10:31 | 63.035 | 4.982 | 54.349 | 0.043 |
| 6/12/2007 10:31 | 63.425 | 4.981 | 54.4   | 0.041 |
| 6/12/2007 10:31 | 63.759 | 4.983 | 54.359 | 0.044 |
| 6/12/2007 10:31 | 64.15  | 4.984 | 54.353 | 0.046 |
| 6/12/2007 10:31 | 64.54  | 4.981 | 54.398 | 0.041 |
| 6/12/2007 10:31 | 64.874 | 4.984 | 54.361 | 0.047 |
| 6/12/2007 10:31 | 65.265 | 4.982 | 54.349 | 0.042 |
| 6/12/2007 10:31 | 65.654 | 4.981 | 54.404 | 0.04  |
| 6/12/2007 10:31 | 65.99  | 4.982 | 54.36  | 0.042 |
| 6/12/2007 10:31 | 66.381 | 4.981 | 54.35  | 0.041 |
| 6/12/2007 10:31 | 66.772 | 4.982 | 54.395 | 0.043 |
| 6/12/2007 10:31 | 67.106 | 4.982 | 54.361 | 0.042 |
| 6/12/2007 10:31 | 67.497 | 4.982 | 54.344 | 0.043 |
| 6/12/2007 10:31 | 67.887 | 4.983 | 54.399 | 0.044 |
| 6/12/2007 10:31 | 68.222 | 4.982 | 54.358 | 0.041 |
| 6/12/2007 10:31 | 68.613 | 4.981 | 54.339 | 0.039 |
| 6/12/2007 10:31 | 69.003 | 4.982 | 54.389 | 0.042 |
| 6/12/2007 10:31 | 69.338 | 4.983 | 54.358 | 0.044 |
| 6/12/2007 10:31 | 69.729 | 4.981 | 54.333 | 0.04  |
| 6/12/2007 10:31 | 70.118 | 4.981 | 54.388 | 0.04  |
| 6/12/2007 10:31 | 70.452 | 4.981 | 54.352 | 0.041 |
| 6/12/2007 10:31 | 70.843 | 4.982 | 54.339 | 0.043 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/12/2007 10:31 | 71.232 | 4.981 | 54.39  | 0.039 |
| 6/12/2007 10:31 | 71.568 | 4.981 | 54.344 | 0.04  |
| 6/12/2007 10:31 | 71.96  | 4.982 | 54.332 | 0.042 |
| 6/12/2007 10:31 | 72.35  | 4.981 | 54.381 | 0.039 |
| 6/12/2007 10:31 | 72.695 | 4.981 | 54.347 | 0.041 |
| 6/12/2007 10:31 | 73.086 | 4.981 | 54.331 | 0.039 |
| 6/12/2007 10:31 | 73.475 | 4.981 | 54.382 | 0.04  |
| 6/12/2007 10:31 | 73.811 | 4.982 | 54.343 | 0.042 |
| 6/12/2007 10:31 | 74.201 | 4.982 | 54.324 | 0.042 |
| 6/12/2007 10:31 | 74.591 | 4.98  | 54.38  | 0.037 |
| 6/12/2007 10:31 | 74.927 | 4.981 | 54.343 | 0.039 |
| 6/12/2007 10:31 | 75.319 | 4.981 | 54.329 | 0.041 |
| 6/12/2007 10:31 | 75.71  | 4.98  | 54.381 | 0.037 |
| 6/12/2007 10:31 | 76.044 | 4.981 | 54.339 | 0.04  |
| 6/12/2007 10:31 | 76.434 | 4.981 | 54.329 | 0.039 |
| 6/12/2007 10:31 | 76.823 | 4.981 | 54.381 | 0.041 |
| 6/12/2007 10:31 | 77.158 | 4.981 | 54.34  | 0.041 |
| 6/12/2007 10:31 | 77.549 | 4.98  | 54.323 | 0.039 |
| 6/12/2007 10:31 | 77.94  | 4.981 | 54.376 | 0.041 |
| 6/12/2007 10:31 | 78.275 | 4.98  | 54.336 | 0.039 |
| 6/12/2007 10:31 | 78.666 | 4.98  | 54.317 | 0.038 |
| 6/12/2007 10:31 | 79.055 | 4.979 | 54.373 | 0.036 |
| 6/12/2007 10:31 | 79.39  | 4.983 | 54.332 | 0.045 |
| 6/12/2007 10:31 | 79.78  | 4.98  | 54.32  | 0.037 |
| 6/12/2007 10:31 | 80.17  | 4.981 | 54.368 | 0.04  |
| 6/12/2007 10:31 | 80.506 | 4.981 | 54.333 | 0.04  |
| 6/12/2007 10:31 | 80.897 | 4.98  | 54.314 | 0.037 |
| 6/12/2007 10:31 | 81.288 | 4.982 | 54.367 | 0.042 |
| 6/12/2007 10:31 | 81.622 | 4.979 | 54.328 | 0.036 |
| 6/12/2007 10:31 | 82.012 | 4.98  | 54.31  | 0.038 |
| 6/12/2007 10:31 | 82.402 | 4.98  | 54.36  | 0.037 |
| 6/12/2007 10:31 | 82.738 | 4.98  | 54.326 | 0.038 |
| 6/12/2007 10:31 | 83.131 | 4.981 | 54.311 | 0.04  |
| 6/12/2007 10:31 | 83.522 | 4.982 | 54.361 | 0.042 |
| 6/12/2007 10:31 | 83.856 | 4.98  | 54.327 | 0.037 |
| 6/12/2007 10:31 | 84.246 | 4.979 | 54.309 | 0.036 |
| 6/12/2007 10:31 | 84.636 | 4.981 | 54.36  | 0.039 |
| 6/12/2007 10:31 | 84.971 | 4.98  | 54.321 | 0.038 |
| 6/12/2007 10:31 | 85.362 | 4.981 | 54.306 | 0.04  |
| 6/12/2007 10:31 | 85.752 | 4.98  | 54.36  | 0.038 |
| 6/12/2007 10:31 | 86.087 | 4.981 | 54.324 | 0.04  |
| 6/12/2007 10:31 | 86.477 | 4.98  | 54.298 | 0.038 |
| 6/12/2007 10:31 | 86.867 | 4.981 | 54.356 | 0.041 |
| 6/12/2007 10:31 | 87.204 | 4.981 | 54.312 | 0.04  |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/12/2007 10:31 | 87.596  | 4.981 | 54.305 | 0.041 |
| 6/12/2007 10:31 | 87.987  | 4.981 | 54.354 | 0.04  |
| 6/12/2007 10:31 | 88.321  | 4.981 | 54.313 | 0.041 |
| 6/12/2007 10:31 | 88.712  | 4.98  | 54.299 | 0.038 |
| 6/12/2007 10:31 | 89.101  | 4.98  | 54.357 | 0.038 |
| 6/12/2007 10:31 | 89.435  | 4.981 | 54.313 | 0.04  |
| 6/12/2007 10:31 | 89.826  | 4.98  | 54.296 | 0.037 |
| 6/12/2007 10:31 | 90.216  | 4.981 | 54.344 | 0.04  |
| 6/12/2007 10:31 | 90.551  | 4.982 | 54.311 | 0.041 |
| 6/12/2007 10:31 | 90.943  | 4.98  | 54.295 | 0.037 |
| 6/12/2007 10:31 | 91.334  | 4.98  | 54.349 | 0.037 |
| 6/12/2007 10:31 | 91.668  | 4.979 | 54.308 | 0.036 |
| 6/12/2007 10:31 | 92.06   | 4.979 | 54.289 | 0.035 |
| 6/12/2007 10:31 | 92.449  | 4.981 | 54.341 | 0.039 |
| 6/12/2007 10:31 | 92.784  | 4.981 | 54.305 | 0.04  |
| 6/12/2007 10:31 | 93.175  | 4.981 | 54.29  | 0.039 |
| 6/12/2007 10:31 | 93.565  | 4.978 | 54.339 | 0.034 |
| 6/12/2007 10:31 | 93.899  | 4.98  | 54.302 | 0.038 |
| 6/12/2007 10:31 | 94.29   | 4.979 | 54.287 | 0.036 |
| 6/12/2007 10:31 | 94.68   | 4.98  | 54.342 | 0.038 |
| 6/12/2007 10:31 | 95.015  | 4.984 | 54.3   | 0.047 |
| 6/12/2007 10:31 | 95.405  | 4.979 | 54.285 | 0.035 |
| 6/12/2007 10:31 | 95.795  | 4.979 | 54.337 | 0.037 |
| 6/12/2007 10:31 | 96.131  | 4.981 | 54.299 | 0.039 |
| 6/12/2007 10:31 | 96.523  | 4.979 | 54.309 | 0.035 |
| 6/12/2007 10:31 | 96.727  | 4.98  | 54.323 | 0.037 |
| 6/12/2007 10:31 | 96.931  | 4.984 | 54.327 | 0.047 |
| 6/12/2007 10:31 | 97.134  | 4.981 | 54.3   | 0.039 |
| 6/12/2007 10:31 | 97.524  | 4.979 | 54.345 | 0.036 |
| 6/12/2007 10:31 | 97.859  | 4.98  | 54.3   | 0.037 |
| 6/12/2007 10:31 | 98.249  | 4.982 | 54.284 | 0.041 |
| 6/12/2007 10:31 | 98.64   | 4.981 | 54.334 | 0.04  |
| 6/12/2007 10:31 | 98.975  | 4.981 | 54.295 | 0.04  |
| 6/12/2007 10:31 | 99.366  | 4.98  | 54.281 | 0.038 |
| 6/12/2007 10:31 | 99.756  | 4.98  | 54.335 | 0.037 |
| 6/12/2007 10:31 | 100.09  | 4.981 | 54.291 | 0.041 |
| 6/12/2007 10:31 | 100.482 | 4.98  | 54.278 | 0.038 |
| 6/12/2007 10:31 | 100.871 | 4.981 | 54.328 | 0.04  |
| 6/12/2007 10:31 | 101.206 | 4.98  | 54.291 | 0.038 |
| 6/12/2007 10:31 | 101.597 | 4.98  | 54.274 | 0.037 |
| 6/12/2007 10:31 | 101.988 | 4.98  | 54.326 | 0.038 |
| 6/12/2007 10:31 | 102.323 | 4.979 | 54.289 | 0.037 |
| 6/12/2007 10:31 | 102.713 | 4.979 | 54.268 | 0.035 |
| 6/12/2007 10:31 | 103.103 | 4.98  | 54.321 | 0.037 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/12/2007 10:31 | 103.437 | 4.98  | 54.286 | 0.037 |
| 6/12/2007 10:31 | 103.827 | 4.98  | 54.27  | 0.037 |
| 6/12/2007 10:31 | 104.217 | 4.981 | 54.321 | 0.039 |
| 6/12/2007 10:31 | 104.553 | 4.979 | 54.285 | 0.035 |
| 6/12/2007 10:31 | 104.945 | 4.98  | 54.267 | 0.038 |
| 6/12/2007 10:31 | 105.335 | 4.981 | 54.318 | 0.04  |
| 6/12/2007 10:32 | 105.669 | 4.98  | 54.279 | 0.037 |
| 6/12/2007 10:32 | 106.059 | 4.98  | 54.262 | 0.037 |
| 6/12/2007 10:32 | 106.448 | 4.979 | 54.311 | 0.035 |
| 6/12/2007 10:32 | 106.784 | 4.98  | 54.274 | 0.039 |
| 6/12/2007 10:32 | 107.175 | 4.979 | 54.261 | 0.036 |
| 6/12/2007 10:32 | 107.565 | 4.979 | 54.314 | 0.035 |
| 6/12/2007 10:32 | 107.899 | 4.978 | 54.274 | 0.033 |
| 6/12/2007 10:32 | 108.29  | 4.981 | 54.262 | 0.04  |
| 6/12/2007 10:32 | 108.68  | 4.979 | 54.313 | 0.035 |
| 6/12/2007 10:32 | 109.015 | 4.979 | 54.268 | 0.036 |
| 6/12/2007 10:32 | 109.407 | 4.98  | 54.259 | 0.037 |
| 6/12/2007 10:32 | 109.797 | 4.978 | 54.311 | 0.034 |
| 6/12/2007 10:32 | 110.131 | 4.979 | 54.268 | 0.035 |
| 6/12/2007 10:32 | 110.523 | 4.981 | 54.252 | 0.04  |
| 6/12/2007 10:32 | 110.913 | 4.978 | 54.303 | 0.034 |
| 6/12/2007 10:32 | 111.247 | 4.98  | 54.265 | 0.037 |
| 6/12/2007 10:32 | 111.637 | 4.981 | 54.252 | 0.04  |
| 6/12/2007 10:32 | 112.027 | 4.979 | 54.303 | 0.035 |
| 6/12/2007 10:32 | 112.362 | 4.978 | 54.269 | 0.034 |
| 6/12/2007 10:32 | 112.753 | 4.979 | 54.244 | 0.036 |
| 6/12/2007 10:32 | 113.143 | 4.979 | 54.306 | 0.036 |
| 6/12/2007 10:32 | 113.477 | 4.979 | 54.266 | 0.037 |
| 6/12/2007 10:32 | 113.869 | 4.981 | 54.25  | 0.04  |
| 6/12/2007 10:32 | 114.259 | 4.979 | 54.297 | 0.035 |
| 6/12/2007 10:32 | 114.593 | 4.979 | 54.262 | 0.036 |
| 6/12/2007 10:32 | 114.984 | 4.981 | 54.241 | 0.04  |
| 6/12/2007 10:32 | 115.373 | 4.979 | 54.294 | 0.035 |
| 6/12/2007 10:32 | 115.709 | 4.98  | 54.256 | 0.039 |
| 6/12/2007 10:32 | 116.1   | 4.979 | 54.24  | 0.036 |
| 6/12/2007 10:32 | 116.491 | 4.98  | 54.292 | 0.037 |
| 6/12/2007 10:32 | 116.825 | 4.983 | 54.252 | 0.044 |
| 6/12/2007 10:32 | 117.215 | 4.979 | 54.239 | 0.034 |
| 6/12/2007 10:32 | 117.605 | 4.98  | 54.292 | 0.037 |
| 6/12/2007 10:32 | 117.94  | 4.979 | 54.251 | 0.036 |
| 6/12/2007 10:32 | 118.331 | 4.981 | 54.236 | 0.039 |
| 6/12/2007 10:32 | 118.723 | 4.981 | 54.29  | 0.039 |
| 6/12/2007 10:32 | 119.057 | 4.979 | 54.253 | 0.036 |
| 6/12/2007 10:32 | 119.448 | 4.98  | 54.232 | 0.037 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/12/2007 10:32 | 119.837 | 4.979 | 54.284 | 0.035 |
| 6/12/2007 10:32 | 120.171 | 4.979 | 54.244 | 0.036 |
| 6/12/2007 10:32 | 120.562 | 4.979 | 54.238 | 0.036 |
| 6/12/2007 10:32 | 120.951 | 4.98  | 54.285 | 0.038 |
| 6/12/2007 10:32 | 121.287 | 4.98  | 54.243 | 0.037 |
| 6/12/2007 10:32 | 121.679 | 4.979 | 54.23  | 0.036 |
| 6/12/2007 10:32 | 122.069 | 4.978 | 54.28  | 0.034 |
| 6/12/2007 10:32 | 122.403 | 4.979 | 54.246 | 0.036 |
| 6/12/2007 10:32 | 122.793 | 4.979 | 54.228 | 0.036 |
| 6/12/2007 10:32 | 123.183 | 4.98  | 54.278 | 0.037 |
| 6/12/2007 10:32 | 123.519 | 4.981 | 54.239 | 0.039 |
| 6/12/2007 10:32 | 123.91  | 4.981 | 54.224 | 0.039 |
| 6/12/2007 10:32 | 124.301 | 4.979 | 54.275 | 0.036 |
| 6/12/2007 10:32 | 124.635 | 4.98  | 54.239 | 0.037 |
| 6/12/2007 10:32 | 125.025 | 4.979 | 54.22  | 0.036 |
| 6/12/2007 10:32 | 125.415 | 4.98  | 54.268 | 0.038 |
| 6/12/2007 10:32 | 125.749 | 4.979 | 54.233 | 0.035 |
| 6/12/2007 10:32 | 126.14  | 4.98  | 54.218 | 0.037 |
| 6/12/2007 10:32 | 126.529 | 4.981 | 54.275 | 0.04  |
| 6/12/2007 10:32 | 126.865 | 4.979 | 54.231 | 0.036 |
| 6/12/2007 10:32 | 127.256 | 4.98  | 54.218 | 0.038 |
| 6/12/2007 10:32 | 127.648 | 4.98  | 54.269 | 0.037 |
| 6/12/2007 10:32 | 127.983 | 4.98  | 54.231 | 0.038 |
| 6/12/2007 10:32 | 128.373 | 4.98  | 54.214 | 0.038 |
| 6/12/2007 10:32 | 128.763 | 4.979 | 54.268 | 0.035 |
| 6/12/2007 10:32 | 129.099 | 4.981 | 54.229 | 0.039 |
| 6/12/2007 10:32 | 129.491 | 4.98  | 54.209 | 0.038 |
| 6/12/2007 10:32 | 129.881 | 4.979 | 54.263 | 0.036 |
| 6/12/2007 10:32 | 130.216 | 4.981 | 54.229 | 0.041 |
| 6/12/2007 10:32 | 130.606 | 4.98  | 54.21  | 0.038 |
| 6/12/2007 10:32 | 130.995 | 4.979 | 54.264 | 0.035 |
| 6/12/2007 10:32 | 131.33  | 4.981 | 54.223 | 0.04  |
| 6/12/2007 10:32 | 131.722 | 4.981 | 54.21  | 0.039 |
| 6/12/2007 10:32 | 132.113 | 4.979 | 54.26  | 0.036 |
| 6/12/2007 10:32 | 132.448 | 4.98  | 54.222 | 0.038 |
| 6/12/2007 10:32 | 132.839 | 4.979 | 54.205 | 0.035 |
| 6/12/2007 10:32 | 133.228 | 4.981 | 54.253 | 0.04  |
| 6/12/2007 10:32 | 133.562 | 4.978 | 54.218 | 0.032 |
| 6/12/2007 10:32 | 133.952 | 4.98  | 54.199 | 0.037 |
| 6/12/2007 10:32 | 134.342 | 4.979 | 54.254 | 0.036 |
| 6/12/2007 10:32 | 134.678 | 4.979 | 54.219 | 0.036 |
| 6/12/2007 10:32 | 135.069 | 4.98  | 54.201 | 0.037 |
| 6/12/2007 10:32 | 135.46  | 4.979 | 54.251 | 0.036 |
| 6/12/2007 10:32 | 135.794 | 4.978 | 54.218 | 0.032 |

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|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/12/2007 10:32 | 136.184 | 4.979 | 54.2   | 0.036 |
| 6/12/2007 10:32 | 136.574 | 4.98  | 54.248 | 0.039 |
| 6/12/2007 10:32 | 136.909 | 4.98  | 54.213 | 0.037 |
| 6/12/2007 10:32 | 137.3   | 4.98  | 54.194 | 0.037 |
| 6/12/2007 10:32 | 137.691 | 4.98  | 54.249 | 0.037 |
| 6/12/2007 10:32 | 138.026 | 4.979 | 54.208 | 0.036 |
| 6/12/2007 10:32 | 138.416 | 4.98  | 54.193 | 0.037 |
| 6/12/2007 10:32 | 138.806 | 4.978 | 54.245 | 0.034 |
| 6/12/2007 10:32 | 139.14  | 4.979 | 54.206 | 0.035 |
| 6/12/2007 10:32 | 139.53  | 4.979 | 54.186 | 0.035 |
| 6/12/2007 10:32 | 139.92  | 4.98  | 54.239 | 0.038 |
| 6/12/2007 10:32 | 140.256 | 4.979 | 54.204 | 0.036 |
| 6/12/2007 10:32 | 140.647 | 4.977 | 54.191 | 0.031 |
| 6/12/2007 10:32 | 141.038 | 4.979 | 54.245 | 0.034 |
| 6/12/2007 10:32 | 141.373 | 4.979 | 54.2   | 0.036 |
| 6/12/2007 10:32 | 141.764 | 4.978 | 54.186 | 0.034 |
| 6/12/2007 10:32 | 142.153 | 4.978 | 54.235 | 0.033 |
| 6/12/2007 10:32 | 142.489 | 4.98  | 54.196 | 0.038 |
| 6/12/2007 10:32 | 142.881 | 4.979 | 54.184 | 0.035 |
| 6/12/2007 10:32 | 143.272 | 4.977 | 54.237 | 0.032 |
| 6/12/2007 10:32 | 143.606 | 4.979 | 54.196 | 0.036 |
| 6/12/2007 10:32 | 143.996 | 4.98  | 54.182 | 0.037 |
| 6/12/2007 10:32 | 144.386 | 4.979 | 54.233 | 0.035 |
| 6/12/2007 10:32 | 144.721 | 4.979 | 54.195 | 0.035 |
| 6/12/2007 10:32 | 145.112 | 4.977 | 54.182 | 0.03  |
| 6/12/2007 10:32 | 145.503 | 4.98  | 54.231 | 0.037 |
| 6/12/2007 10:32 | 145.839 | 4.979 | 54.195 | 0.036 |
| 6/12/2007 10:32 | 146.229 | 4.978 | 54.172 | 0.034 |
| 6/12/2007 10:32 | 146.618 | 4.98  | 54.225 | 0.037 |
| 6/12/2007 10:32 | 146.952 | 4.979 | 54.187 | 0.036 |
| 6/12/2007 10:32 | 147.343 | 4.979 | 54.174 | 0.037 |
| 6/12/2007 10:32 | 147.732 | 4.979 | 54.224 | 0.035 |
| 6/12/2007 10:32 | 148.069 | 4.979 | 54.184 | 0.036 |
| 6/12/2007 10:32 | 148.46  | 4.979 | 54.167 | 0.036 |
| 6/12/2007 10:32 | 148.85  | 4.977 | 54.225 | 0.032 |
| 6/12/2007 10:32 | 149.184 | 4.979 | 54.184 | 0.035 |
| 6/12/2007 10:32 | 149.575 | 4.979 | 54.17  | 0.036 |
| 6/12/2007 10:32 | 149.964 | 4.978 | 54.219 | 0.034 |
| 6/12/2007 10:32 | 150.301 | 4.98  | 54.18  | 0.037 |
| 6/12/2007 10:32 | 150.693 | 4.979 | 54.164 | 0.035 |
| 6/12/2007 10:32 | 151.084 | 4.978 | 54.221 | 0.034 |
| 6/12/2007 10:32 | 151.418 | 4.978 | 54.181 | 0.034 |
| 6/12/2007 10:32 | 151.809 | 4.979 | 54.162 | 0.036 |
| 6/12/2007 10:32 | 152.198 | 4.978 | 54.216 | 0.034 |

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|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/12/2007 10:32 | 152.534 | 4.979 | 54.176 | 0.035 |
| 6/12/2007 10:32 | 152.929 | 4.978 | 54.166 | 0.033 |
| 6/12/2007 10:32 | 153.319 | 4.979 | 54.215 | 0.035 |
| 6/12/2007 10:32 | 153.653 | 4.979 | 54.177 | 0.034 |
| 6/12/2007 10:32 | 154.043 | 4.978 | 54.159 | 0.034 |
| 6/12/2007 10:32 | 154.433 | 4.979 | 54.211 | 0.035 |
| 6/12/2007 10:32 | 154.769 | 4.98  | 54.171 | 0.038 |
| 6/12/2007 10:32 | 155.162 | 4.98  | 54.161 | 0.037 |
| 6/12/2007 10:32 | 155.552 | 4.977 | 54.21  | 0.032 |
| 6/12/2007 10:32 | 155.887 | 4.979 | 54.171 | 0.035 |
| 6/12/2007 10:32 | 156.277 | 4.98  | 54.161 | 0.037 |
| 6/12/2007 10:32 | 156.666 | 4.979 | 54.171 | 0.036 |
| 6/12/2007 10:32 | 156.869 | 4.978 | 54.187 | 0.033 |
| 6/12/2007 10:32 | 157.073 | 4.984 | 54.197 | 0.047 |
| 6/12/2007 10:32 | 157.276 | 4.98  | 54.23  | 0.038 |
| 6/12/2007 10:32 | 157.612 | 4.98  | 54.182 | 0.039 |
| 6/12/2007 10:32 | 158.003 | 4.979 | 54.163 | 0.037 |
| 6/12/2007 10:32 | 158.393 | 4.98  | 54.214 | 0.037 |
| 6/12/2007 10:32 | 158.732 | 4.979 | 54.172 | 0.035 |
| 6/12/2007 10:32 | 159.123 | 4.978 | 54.153 | 0.034 |
| 6/12/2007 10:32 | 159.514 | 4.979 | 54.205 | 0.035 |
| 6/12/2007 10:32 | 159.85  | 4.98  | 54.168 | 0.037 |
| 6/12/2007 10:32 | 160.241 | 4.979 | 54.149 | 0.036 |
| 6/12/2007 10:32 | 160.631 | 4.979 | 54.199 | 0.036 |
| 6/12/2007 10:32 | 160.966 | 4.979 | 54.163 | 0.035 |
| 6/12/2007 10:32 | 161.362 | 4.979 | 54.15  | 0.036 |
| 6/12/2007 10:32 | 161.752 | 4.978 | 54.199 | 0.033 |
| 6/12/2007 10:32 | 162.087 | 4.978 | 54.164 | 0.034 |
| 6/12/2007 10:32 | 162.477 | 4.979 | 54.145 | 0.034 |
| 6/12/2007 10:32 | 162.868 | 4.978 | 54.164 | 0.034 |
| 6/12/2007 10:32 | 163.071 | 4.978 | 54.176 | 0.034 |
| 6/12/2007 10:32 | 163.276 | 4.983 | 54.187 | 0.044 |
| 6/12/2007 10:32 | 163.48  | 4.979 | 54.216 | 0.036 |
| 6/12/2007 10:32 | 163.815 | 4.979 | 54.17  | 0.036 |
| 6/12/2007 10:32 | 164.206 | 4.979 | 54.153 | 0.036 |
| 6/12/2007 10:32 | 164.596 | 4.978 | 54.204 | 0.032 |
| 6/12/2007 10:32 | 164.93  | 4.978 | 54.159 | 0.033 |
| 6/12/2007 10:32 | 165.321 | 4.978 | 54.141 | 0.033 |
| 6/12/2007 10:33 | 165.711 | 4.978 | 54.195 | 0.034 |
| 6/12/2007 10:33 | 166.045 | 4.978 | 54.15  | 0.032 |
| 6/12/2007 10:33 | 166.435 | 4.979 | 54.138 | 0.035 |
| 6/12/2007 10:33 | 166.825 | 4.98  | 54.19  | 0.038 |
| 6/12/2007 10:33 | 167.161 | 4.979 | 54.148 | 0.034 |
| 6/12/2007 10:33 | 167.555 | 4.979 | 54.136 | 0.037 |

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|                 |          |       |        |       |
|-----------------|----------|-------|--------|-------|
| 6/12/2007 10:33 | 167.944  | 4.978 | 54.188 | 0.033 |
| 6/12/2007 10:33 | 180      | 4.98  | 53.991 | 0.038 |
| 6/12/2007 10:34 | 240.001  | 4.98  | 53.766 | 0.039 |
| 6/12/2007 10:35 | 300      | 4.98  | 53.532 | 0.038 |
| 6/12/2007 10:36 | 360.162  | 4.979 | 53.41  | 0.036 |
| 6/12/2007 10:37 | 420      | 4.979 | 53.366 | 0.036 |
| 6/12/2007 10:38 | 480      | 4.979 | 53.396 | 0.035 |
| 6/12/2007 10:39 | 540.135  | 4.979 | 53.453 | 0.036 |
| 6/12/2007 10:40 | 600.093  | 4.981 | 53.542 | 0.039 |
| 6/12/2007 10:41 | 660.106  | 4.98  | 53.535 | 0.037 |
| 6/12/2007 10:42 | 720      | 4.98  | 53.571 | 0.038 |
| 6/12/2007 10:43 | 780.004  | 4.98  | 53.594 | 0.038 |
| 6/12/2007 10:44 | 840.182  | 4.98  | 53.61  | 0.038 |
| 6/12/2007 10:45 | 900      | 4.98  | 53.58  | 0.039 |
| 6/12/2007 10:46 | 960.001  | 4.98  | 53.574 | 0.038 |
| 6/12/2007 10:47 | 1020     | 4.98  | 53.59  | 0.038 |
| 6/12/2007 10:48 | 1080.173 | 4.98  | 53.583 | 0.037 |
| 6/12/2007 10:49 | 1140.13  | 4.981 | 53.596 | 0.04  |
| 6/12/2007 10:50 | 1200.144 | 4.982 | 53.534 | 0.041 |
| 6/12/2007 10:51 | 1260     | 4.979 | 53.528 | 0.036 |
| 6/12/2007 10:52 | 1320     | 4.982 | 53.526 | 0.043 |

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## Raw Test Data for P-397 S Rising Head

Report Date: 6/26/2007 11:11  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p397s bail 2007-06-20 14.35.23.wsl  
Create Date 6/20/2007 13:35

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p397s bail        |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/20/2007 13:11   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 7.96903 (PSI)     |
| Temperature                   | 52.9966 (F)       |
| Depth of Probe                | 18.4011 (ft)      |

Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/20/2007 13:11 | User Note: "Level reference initialized to: 0" |
| 6/20/2007 13:11 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/20/2007 13:11 | 0                       | 7.969                           | 52.939                          | 0                               |
| 6/20/2007 13:11 | 0.25                    | 7.97                            | 52.981                          | 0.002                           |
| 6/20/2007 13:11 | 0.5                     | 7.969                           | 53.003                          | -0.001                          |
| 6/20/2007 13:11 | 0.75                    | 7.973                           | 53.021                          | 0.009                           |
| 6/20/2007 13:11 | 1.392                   | 7.971                           | 53.158                          | 0.005                           |
| 6/20/2007 13:11 | 1.597                   | 7.97                            | 53.151                          | 0.003                           |
| 6/20/2007 13:11 | 1.803                   | 7.968                           | 53.145                          | -0.001                          |
| 6/20/2007 13:11 | 2.007                   | 7.971                           | 53.15                           | 0.006                           |
| 6/20/2007 13:11 | 2.66                    | 7.97                            | 53.228                          | 0.002                           |
| 6/20/2007 13:11 | 2.865                   | 7.971                           | 53.216                          | 0.004                           |
| 6/20/2007 13:11 | 3.07                    | 7.969                           | 53.202                          | 0.001                           |
| 6/20/2007 13:11 | 3.274                   | 7.968                           | 53.2                            | -0.001                          |
| 6/20/2007 13:11 | 3.941                   | 7.97                            | 53.278                          | 0.002                           |
| 6/20/2007 13:11 | 4.146                   | 7.969                           | 53.257                          | -0.001                          |
| 6/20/2007 13:11 | 4.351                   | 7.967                           | 53.243                          | -0.005                          |
| 6/20/2007 13:11 | 4.556                   | 7.971                           | 53.236                          | 0.003                           |
| 6/20/2007 13:11 | 5.089                   | 7.968                           | 53.283                          | -0.003                          |
| 6/20/2007 13:11 | 5.294                   | 7.971                           | 53.266                          | 0.003                           |
| 6/20/2007 13:11 | 5.502                   | 7.969                           | 53.249                          | 0                               |
| 6/20/2007 13:11 | 5.707                   | 7.968                           | 53.241                          | -0.001                          |
| 6/20/2007 13:11 | 5.911                   | 7.967                           | 53.24                           | -0.004                          |
| 6/20/2007 13:11 | 6.115                   | 7.968                           | 53.236                          | -0.003                          |
| 6/20/2007 13:11 | 6.318                   | 7.967                           | 53.225                          | -0.006                          |
| 6/20/2007 13:11 | 6.522                   | 7.968                           | 53.225                          | -0.002                          |
| 6/20/2007 13:11 | 6.726                   | 7.967                           | 53.226                          | -0.005                          |
| 6/20/2007 13:11 | 6.93                    | 7.968                           | 53.225                          | -0.003                          |
| 6/20/2007 13:11 | 7.134                   | 7.967                           | 53.225                          | -0.006                          |
| 6/20/2007 13:11 | 7.34                    | 7.967                           | 53.223                          | -0.005                          |
| 6/20/2007 13:11 | 7.544                   | 7.967                           | 53.219                          | -0.004                          |
| 6/20/2007 13:11 | 7.749                   | 7.967                           | 53.218                          | -0.005                          |
| 6/20/2007 13:11 | 7.953                   | 7.967                           | 53.221                          | -0.006                          |
| 6/20/2007 13:11 | 8.158                   | 7.967                           | 53.219                          | -0.004                          |
| 6/20/2007 13:11 | 8.362                   | 7.967                           | 53.224                          | -0.006                          |
| 6/20/2007 13:11 | 8.566                   | 7.966                           | 53.218                          | -0.008                          |
| 6/20/2007 13:11 | 8.77                    | 7.965                           | 53.181                          | -0.01                           |
| 6/20/2007 13:11 | 9.16                    | 7.965                           | 53.228                          | -0.009                          |
| 6/20/2007 13:11 | 9.494                   | 7.965                           | 53.179                          | -0.009                          |
| 6/20/2007 13:11 | 9.885                   | 7.966                           | 53.2                            | -0.006                          |
| 6/20/2007 13:11 | 10.09                   | 7.965                           | 53.198                          | -0.01                           |
| 6/20/2007 13:11 | 10.294                  | 7.966                           | 53.209                          | -0.007                          |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/20/2007 13:11 | 10.5   | 7.966 | 53.21  | -0.008 |
| 6/20/2007 13:11 | 10.704 | 7.965 | 53.215 | -0.009 |
| 6/20/2007 13:11 | 10.908 | 7.965 | 53.183 | -0.01  |
| 6/20/2007 13:11 | 11.299 | 7.965 | 53.228 | -0.01  |
| 6/20/2007 13:11 | 11.634 | 7.965 | 53.201 | -0.009 |
| 6/20/2007 13:11 | 12.044 | 7.966 | 53.167 | -0.007 |
| 6/20/2007 13:11 | 12.435 | 7.966 | 53.222 | -0.008 |
| 6/20/2007 13:11 | 12.77  | 7.964 | 53.186 | -0.011 |
| 6/20/2007 13:11 | 13.161 | 7.965 | 53.167 | -0.009 |
| 6/20/2007 13:11 | 13.551 | 7.967 | 53.222 | -0.005 |
| 6/20/2007 13:11 | 13.885 | 7.968 | 53.183 | -0.003 |
| 6/20/2007 13:11 | 14.276 | 7.962 | 53.161 | -0.016 |
| 6/20/2007 13:11 | 14.668 | 7.963 | 53.218 | -0.014 |
| 6/20/2007 13:11 | 15.003 | 7.969 | 53.182 | -0.001 |
| 6/20/2007 13:11 | 15.394 | 7.964 | 53.163 | -0.011 |
| 6/20/2007 13:11 | 15.784 | 7.964 | 53.219 | -0.012 |
| 6/20/2007 13:11 | 16.119 | 7.963 | 53.182 | -0.013 |
| 6/20/2007 13:11 | 16.51  | 7.965 | 53.172 | -0.009 |
| 6/20/2007 13:11 | 16.901 | 7.964 | 53.223 | -0.012 |
| 6/20/2007 13:11 | 17.236 | 7.963 | 53.195 | -0.014 |
| 6/20/2007 13:11 | 17.631 | 7.963 | 53.173 | -0.015 |
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| 6/20/2007 13:13 | 117.348 | 6.592 | 53.359 | -3.18  |
| 6/20/2007 13:13 | 117.738 | 6.592 | 53.412 | -3.18  |
| 6/20/2007 13:13 | 118.074 | 6.592 | 53.379 | -3.179 |
| 6/20/2007 13:13 | 118.471 | 6.592 | 53.361 | -3.179 |
| 6/20/2007 13:13 | 118.862 | 6.593 | 53.413 | -3.178 |
| 6/20/2007 13:13 | 119.198 | 6.594 | 53.39  | -3.175 |
| 6/20/2007 13:13 | 119.608 | 6.592 | 53.36  | -3.179 |
| 6/20/2007 13:13 | 119.999 | 6.59  | 53.413 | -3.184 |
| 6/20/2007 13:13 | 120.334 | 6.592 | 53.382 | -3.18  |
| 6/20/2007 13:13 | 120.729 | 6.594 | 53.362 | -3.175 |
| 6/20/2007 13:13 | 121.119 | 6.593 | 53.415 | -3.178 |
| 6/20/2007 13:13 | 121.455 | 6.594 | 53.377 | -3.176 |
| 6/20/2007 13:13 | 121.846 | 6.593 | 53.365 | -3.177 |
| 6/20/2007 13:13 | 122.236 | 6.593 | 53.417 | -3.176 |
| 6/20/2007 13:13 | 122.571 | 6.594 | 53.371 | -3.175 |
| 6/20/2007 13:13 | 122.962 | 6.596 | 53.367 | -3.17  |
| 6/20/2007 13:13 | 123.352 | 6.594 | 53.41  | -3.174 |
| 6/20/2007 13:13 | 123.69  | 6.595 | 53.379 | -3.174 |
| 6/20/2007 13:13 | 124.081 | 6.594 | 53.36  | -3.174 |
| 6/20/2007 13:13 | 124.472 | 6.594 | 53.413 | -3.174 |
| 6/20/2007 13:13 | 124.807 | 6.595 | 53.377 | -3.172 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:13 | 125.203 | 6.594 | 53.362 | -3.174 |
| 6/20/2007 13:13 | 125.594 | 6.594 | 53.414 | -3.174 |
| 6/20/2007 13:13 | 125.929 | 6.596 | 53.375 | -3.171 |
| 6/20/2007 13:13 | 126.319 | 6.597 | 53.367 | -3.169 |
| 6/20/2007 13:13 | 126.709 | 6.595 | 53.415 | -3.173 |
| 6/20/2007 13:13 | 127.044 | 6.596 | 53.383 | -3.171 |
| 6/20/2007 13:13 | 127.44  | 6.596 | 53.362 | -3.17  |
| 6/20/2007 13:13 | 127.831 | 6.596 | 53.416 | -3.17  |
| 6/20/2007 13:13 | 128.165 | 6.597 | 53.38  | -3.169 |
| 6/20/2007 13:13 | 128.557 | 6.596 | 53.363 | -3.17  |
| 6/20/2007 13:13 | 128.948 | 6.595 | 53.418 | -3.173 |
| 6/20/2007 13:13 | 129.283 | 6.597 | 53.383 | -3.168 |
| 6/20/2007 13:13 | 129.674 | 6.596 | 53.368 | -3.171 |
| 6/20/2007 13:13 | 130.064 | 6.596 | 53.419 | -3.17  |
| 6/20/2007 13:13 | 130.399 | 6.599 | 53.383 | -3.163 |
| 6/20/2007 13:13 | 130.795 | 6.598 | 53.368 | -3.166 |
| 6/20/2007 13:13 | 131.186 | 6.596 | 53.421 | -3.17  |
| 6/20/2007 13:13 | 131.521 | 6.599 | 53.395 | -3.163 |
| 6/20/2007 13:13 | 131.93  | 6.599 | 53.374 | -3.163 |
| 6/20/2007 13:13 | 132.32  | 6.598 | 53.422 | -3.166 |
| 6/20/2007 13:13 | 132.657 | 6.599 | 53.388 | -3.164 |
| 6/20/2007 13:13 | 133.054 | 6.597 | 53.369 | -3.167 |
| 6/20/2007 13:13 | 133.444 | 6.598 | 53.421 | -3.165 |
| 6/20/2007 13:13 | 133.78  | 6.6   | 53.385 | -3.161 |
| 6/20/2007 13:13 | 134.172 | 6.6   | 53.367 | -3.162 |
| 6/20/2007 13:13 | 134.563 | 6.598 | 53.422 | -3.166 |
| 6/20/2007 13:13 | 134.898 | 6.6   | 53.387 | -3.161 |
| 6/20/2007 13:13 | 135.294 | 6.599 | 53.373 | -3.162 |
| 6/20/2007 13:13 | 135.685 | 6.598 | 53.418 | -3.165 |
| 6/20/2007 13:13 | 136.02  | 6.6   | 53.386 | -3.161 |
| 6/20/2007 13:13 | 136.411 | 6.6   | 53.373 | -3.16  |
| 6/20/2007 13:13 | 136.801 | 6.599 | 53.424 | -3.163 |
| 6/20/2007 13:13 | 137.135 | 6.603 | 53.388 | -3.154 |
| 6/20/2007 13:13 | 137.527 | 6.601 | 53.376 | -3.159 |
| 6/20/2007 13:13 | 137.923 | 6.6   | 53.425 | -3.16  |
| 6/20/2007 13:13 | 138.258 | 6.601 | 53.386 | -3.159 |
| 6/20/2007 13:14 | 138.648 | 6.6   | 53.375 | -3.161 |
| 6/20/2007 13:14 | 139.038 | 6.6   | 53.425 | -3.161 |
| 6/20/2007 13:14 | 139.374 | 6.6   | 53.39  | -3.16  |
| 6/20/2007 13:14 | 139.769 | 6.601 | 53.373 | -3.159 |
| 6/20/2007 13:14 | 140.159 | 6.602 | 53.431 | -3.157 |
| 6/20/2007 13:14 | 140.493 | 6.602 | 53.387 | -3.157 |
| 6/20/2007 13:14 | 140.884 | 6.602 | 53.377 | -3.156 |
| 6/20/2007 13:14 | 141.274 | 6.602 | 53.422 | -3.157 |

|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:14 | 141.61  | 6.601 | 53.389 | -3.159 |
| 6/20/2007 13:14 | 142.006 | 6.603 | 53.382 | -3.154 |
| 6/20/2007 13:14 | 142.414 | 6.601 | 53.426 | -3.158 |
| 6/20/2007 13:14 | 142.75  | 6.603 | 53.39  | -3.154 |
| 6/20/2007 13:14 | 143.142 | 6.603 | 53.377 | -3.153 |
| 6/20/2007 13:14 | 143.533 | 6.602 | 53.428 | -3.156 |
| 6/20/2007 13:14 | 143.867 | 6.602 | 53.396 | -3.156 |
| 6/20/2007 13:14 | 144.258 | 6.603 | 53.378 | -3.153 |
| 6/20/2007 13:14 | 144.648 | 6.604 | 53.429 | -3.152 |
| 6/20/2007 13:14 | 144.983 | 6.601 | 53.394 | -3.158 |
| 6/20/2007 13:14 | 145.379 | 6.603 | 53.379 | -3.154 |
| 6/20/2007 13:14 | 145.769 | 6.605 | 53.43  | -3.151 |
| 6/20/2007 13:14 | 146.104 | 6.604 | 53.394 | -3.152 |
| 6/20/2007 13:14 | 146.496 | 6.604 | 53.374 | -3.152 |
| 6/20/2007 13:14 | 146.886 | 6.605 | 53.427 | -3.15  |
| 6/20/2007 13:14 | 147.221 | 6.603 | 53.39  | -3.154 |
| 6/20/2007 13:14 | 147.617 | 6.604 | 53.378 | -3.152 |
| 6/20/2007 13:14 | 148.006 | 6.604 | 53.428 | -3.152 |
| 6/20/2007 13:14 | 148.342 | 6.604 | 53.39  | -3.151 |
| 6/20/2007 13:14 | 148.733 | 6.606 | 53.382 | -3.148 |
| 6/20/2007 13:14 | 149.124 | 6.605 | 53.427 | -3.15  |
| 6/20/2007 13:14 | 149.459 | 6.605 | 53.399 | -3.15  |
| 6/20/2007 13:14 | 149.855 | 6.605 | 53.375 | -3.149 |
| 6/20/2007 13:14 | 150.246 | 6.603 | 53.43  | -3.153 |
| 6/20/2007 13:14 | 150.58  | 6.606 | 53.389 | -3.147 |
| 6/20/2007 13:14 | 150.972 | 6.606 | 53.378 | -3.148 |
| 6/20/2007 13:14 | 151.363 | 6.605 | 53.429 | -3.149 |
| 6/20/2007 13:14 | 151.699 | 6.606 | 53.396 | -3.148 |
| 6/20/2007 13:14 | 152.095 | 6.606 | 53.402 | -3.147 |
| 6/20/2007 13:14 | 152.514 | 6.604 | 53.441 | -3.152 |
| 6/20/2007 13:14 | 152.849 | 6.604 | 53.399 | -3.151 |
| 6/20/2007 13:14 | 153.24  | 6.606 | 53.38  | -3.147 |
| 6/20/2007 13:14 | 153.63  | 6.605 | 53.434 | -3.149 |
| 6/20/2007 13:14 | 153.966 | 6.606 | 53.4   | -3.148 |
| 6/20/2007 13:14 | 154.361 | 6.608 | 53.385 | -3.144 |
| 6/20/2007 13:14 | 154.752 | 6.606 | 53.437 | -3.146 |
| 6/20/2007 13:14 | 155.086 | 6.605 | 53.4   | -3.149 |
| 6/20/2007 13:14 | 155.477 | 6.607 | 53.379 | -3.146 |
| 6/20/2007 13:14 | 155.868 | 6.606 | 53.433 | -3.148 |
| 6/20/2007 13:14 | 156.204 | 6.605 | 53.396 | -3.149 |
| 6/20/2007 13:14 | 156.595 | 6.608 | 53.383 | -3.143 |
| 6/20/2007 13:14 | 156.986 | 6.608 | 53.429 | -3.143 |
| 6/20/2007 13:14 | 157.32  | 6.607 | 53.398 | -3.145 |
| 6/20/2007 13:14 | 157.711 | 6.609 | 53.379 | -3.139 |

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|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:14 | 158.102 | 6.606 | 53.436 | -3.147 |
| 6/20/2007 13:14 | 158.438 | 6.607 | 53.395 | -3.144 |
| 6/20/2007 13:14 | 158.83  | 6.608 | 53.382 | -3.143 |
| 6/20/2007 13:14 | 159.22  | 6.608 | 53.431 | -3.143 |
| 6/20/2007 13:14 | 159.554 | 6.607 | 53.396 | -3.145 |
| 6/20/2007 13:14 | 159.951 | 6.607 | 53.383 | -3.144 |
| 6/20/2007 13:14 | 160.343 | 6.605 | 53.433 | -3.15  |
| 6/20/2007 13:14 | 160.678 | 6.608 | 53.398 | -3.143 |
| 6/20/2007 13:14 | 161.069 | 6.609 | 53.38  | -3.14  |
| 6/20/2007 13:14 | 161.459 | 6.607 | 53.436 | -3.144 |
| 6/20/2007 13:14 | 161.794 | 6.61  | 53.4   | -3.139 |
| 6/20/2007 13:14 | 162.186 | 6.609 | 53.383 | -3.14  |
| 6/20/2007 13:14 | 162.577 | 6.61  | 53.449 | -3.138 |
| 6/20/2007 13:14 | 162.93  | 6.61  | 53.402 | -3.138 |
| 6/20/2007 13:14 | 163.321 | 6.609 | 53.384 | -3.141 |
| 6/20/2007 13:14 | 163.711 | 6.61  | 53.436 | -3.138 |
| 6/20/2007 13:14 | 164.047 | 6.61  | 53.4   | -3.138 |
| 6/20/2007 13:14 | 164.444 | 6.61  | 53.382 | -3.139 |
| 6/20/2007 13:14 | 164.835 | 6.609 | 53.432 | -3.14  |
| 6/20/2007 13:14 | 165.17  | 6.611 | 53.401 | -3.135 |
| 6/20/2007 13:14 | 165.562 | 6.609 | 53.386 | -3.14  |
| 6/20/2007 13:14 | 165.952 | 6.609 | 53.435 | -3.139 |
| 6/20/2007 13:14 | 166.288 | 6.609 | 53.399 | -3.14  |
| 6/20/2007 13:14 | 166.684 | 6.61  | 53.383 | -3.138 |
| 6/20/2007 13:14 | 167.076 | 6.61  | 53.437 | -3.137 |
| 6/20/2007 13:14 | 167.41  | 6.611 | 53.401 | -3.134 |
| 6/20/2007 13:14 | 167.801 | 6.612 | 53.385 | -3.134 |
| 6/20/2007 13:14 | 168.191 | 6.613 | 53.437 | -3.13  |
| 6/20/2007 13:14 | 168.526 | 6.611 | 53.403 | -3.136 |
| 6/20/2007 13:14 | 168.922 | 6.611 | 53.384 | -3.135 |
| 6/20/2007 13:14 | 169.314 | 6.611 | 53.436 | -3.136 |
| 6/20/2007 13:14 | 169.649 | 6.612 | 53.398 | -3.133 |
| 6/20/2007 13:14 | 170.04  | 6.612 | 53.384 | -3.134 |
| 6/20/2007 13:14 | 170.43  | 6.612 | 53.439 | -3.133 |
| 6/20/2007 13:14 | 170.767 | 6.614 | 53.402 | -3.129 |
| 6/20/2007 13:14 | 171.158 | 6.613 | 53.386 | -3.13  |
| 6/20/2007 13:14 | 171.548 | 6.612 | 53.438 | -3.133 |
| 6/20/2007 13:14 | 171.883 | 6.613 | 53.397 | -3.131 |
| 6/20/2007 13:14 | 172.273 | 6.614 | 53.389 | -3.128 |
| 6/20/2007 13:14 | 172.663 | 6.612 | 53.44  | -3.132 |
| 6/20/2007 13:14 | 172.999 | 6.614 | 53.414 | -3.128 |
| 6/20/2007 13:14 | 173.408 | 6.614 | 53.388 | -3.13  |
| 6/20/2007 13:14 | 173.8   | 6.614 | 53.439 | -3.128 |
| 6/20/2007 13:14 | 174.135 | 6.612 | 53.405 | -3.133 |

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|                 |         |       |        |        |
|-----------------|---------|-------|--------|--------|
| 6/20/2007 13:14 | 174.531 | 6.613 | 53.387 | -3.13  |
| 6/20/2007 13:14 | 180     | 6.617 | 53.297 | -3.121 |
| 6/20/2007 13:15 | 240.153 | 6.634 | 53.184 | -3.082 |
| 6/20/2007 13:16 | 300.109 | 6.65  | 53.161 | -3.046 |
| 6/20/2007 13:17 | 360     | 6.664 | 53.08  | -3.014 |
| 6/20/2007 13:18 | 420     | 6.68  | 53.068 | -2.977 |
| 6/20/2007 13:19 | 480     | 6.693 | 53.066 | -2.947 |
| 6/20/2007 13:20 | 540.134 | 6.703 | 53.06  | -2.922 |
| 6/20/2007 13:21 | 600.091 | 6.715 | 53.077 | -2.895 |
| 6/20/2007 13:22 | 660.105 | 6.727 | 53.013 | -2.868 |
| 6/20/2007 13:23 | 720     | 6.742 | 53.009 | -2.834 |
| 6/20/2007 13:24 | 780     | 6.747 | 53.003 | -2.821 |
| 6/20/2007 13:25 | 840.085 | 6.758 | 53.009 | -2.797 |
| 6/20/2007 13:26 | 900     | 6.768 | 52.97  | -2.773 |
| 6/20/2007 13:27 | 960.056 | 6.776 | 52.966 | -2.754 |
| 6/20/2007 13:28 | 1020    | 6.785 | 52.962 | -2.733 |
| 6/20/2007 13:29 | 1080    | 6.792 | 52.968 | -2.719 |
| 6/20/2007 13:30 | 1140    | 6.801 | 52.89  | -2.696 |
| 6/20/2007 13:31 | 1200    | 6.808 | 52.79  | -2.68  |
| 6/20/2007 13:32 | 1260    | 6.816 | 52.746 | -2.663 |
| 6/20/2007 13:33 | 1320    | 6.823 | 52.714 | -2.645 |

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## Raw Test Data for P-397 S Falling Head

Report Date: 6/26/2007 11:11  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p397s slug 2007-06-20 14.09.54.wsl  
Create Date 6/20/2007 13:09

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p397s slug        |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/20/2007 12:41   |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 7.18378 (PSI)     |
| Temperature                   | 62.9232 (F)       |
| Depth of Probe                | 16.5874 (ft)      |

Log Notes:

|                 |                                                |
|-----------------|------------------------------------------------|
| Date and Time   | Note                                           |
| 6/20/2007 12:40 | User Note: "Level reference initialized to: 0" |
| 6/20/2007 12:46 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time   | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|-----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                 |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/20/2007 12:46 | 0                       | 7.176                           | 54.968                          | -0.018                          |
| 6/20/2007 12:46 | 0.251                   | 7.175                           | 55.003                          | -0.02                           |
| 6/20/2007 12:46 | 0.501                   | 7.176                           | 55.029                          | -0.018                          |
| 6/20/2007 12:46 | 0.752                   | 7.182                           | 55.045                          | -0.004                          |
| 6/20/2007 12:46 | 1.361                   | 7.177                           | 55.168                          | -0.016                          |
| 6/20/2007 12:46 | 1.566                   | 7.178                           | 55.159                          | -0.013                          |
| 6/20/2007 12:46 | 1.771                   | 7.175                           | 55.151                          | -0.019                          |
| 6/20/2007 12:46 | 1.975                   | 7.176                           | 55.157                          | -0.017                          |
| 6/20/2007 12:46 | 2.63                    | 7.177                           | 55.24                           | -0.016                          |
| 6/20/2007 12:46 | 2.835                   | 7.177                           | 55.218                          | -0.017                          |
| 6/20/2007 12:46 | 3.04                    | 7.175                           | 55.202                          | -0.021                          |
| 6/20/2007 12:46 | 3.244                   | 7.178                           | 55.201                          | -0.014                          |
| 6/20/2007 12:46 | 3.909                   | 7.176                           | 55.272                          | -0.017                          |
| 6/20/2007 12:46 | 4.114                   | 7.177                           | 55.248                          | -0.015                          |
| 6/20/2007 12:46 | 4.32                    | 7.175                           | 55.23                           | -0.021                          |
| 6/20/2007 12:46 | 4.526                   | 7.177                           | 55.225                          | -0.016                          |
| 6/20/2007 12:46 | 4.97                    | 7.178                           | 55.253                          | -0.014                          |
| 6/20/2007 12:46 | 5.176                   | 7.177                           | 55.242                          | -0.015                          |
| 6/20/2007 12:46 | 5.38                    | 7.176                           | 55.24                           | -0.017                          |
| 6/20/2007 12:46 | 5.601                   | 7.174                           | 55.22                           | -0.022                          |
| 6/20/2007 12:46 | 5.805                   | 7.174                           | 55.216                          | -0.022                          |
| 6/20/2007 12:46 | 6.009                   | 7.173                           | 55.212                          | -0.025                          |
| 6/20/2007 12:46 | 6.213                   | 7.174                           | 55.204                          | -0.023                          |
| 6/20/2007 12:46 | 6.417                   | 7.175                           | 55.205                          | -0.021                          |
| 6/20/2007 12:46 | 6.621                   | 7.175                           | 55.195                          | -0.019                          |
| 6/20/2007 12:46 | 6.824                   | 7.175                           | 55.191                          | -0.02                           |
| 6/20/2007 12:46 | 7.029                   | 7.175                           | 55.198                          | -0.02                           |
| 6/20/2007 12:46 | 7.235                   | 7.174                           | 55.187                          | -0.023                          |
| 6/20/2007 12:46 | 7.439                   | 7.174                           | 55.19                           | -0.023                          |
| 6/20/2007 12:46 | 7.644                   | 7.174                           | 55.189                          | -0.021                          |
| 6/20/2007 12:46 | 7.848                   | 7.175                           | 55.184                          | -0.02                           |
| 6/20/2007 12:46 | 8.052                   | 7.175                           | 55.181                          | -0.02                           |
| 6/20/2007 12:46 | 8.256                   | 7.176                           | 55.182                          | -0.019                          |
| 6/20/2007 12:46 | 8.46                    | 7.175                           | 55.183                          | -0.021                          |
| 6/20/2007 12:46 | 8.664                   | 7.175                           | 55.174                          | -0.021                          |
| 6/20/2007 12:46 | 8.868                   | 7.174                           | 55.177                          | -0.022                          |
| 6/20/2007 12:46 | 9.072                   | 7.174                           | 55.176                          | -0.023                          |
| 6/20/2007 12:46 | 9.276                   | 7.175                           | 55.175                          | -0.021                          |
| 6/20/2007 12:46 | 9.501                   | 7.175                           | 55.165                          | -0.021                          |
| 6/20/2007 12:46 | 9.751                   | 7.174                           | 55.159                          | -0.024                          |

|                 |        |       |        |        |
|-----------------|--------|-------|--------|--------|
| 6/20/2007 12:46 | 10.001 | 7.175 | 55.159 | -0.021 |
| 6/20/2007 12:46 | 10.251 | 7.174 | 55.149 | -0.022 |
| 6/20/2007 12:46 | 10.501 | 7.174 | 55.142 | -0.023 |
| 6/20/2007 12:46 | 10.751 | 7.175 | 55.143 | -0.021 |
| 6/20/2007 12:46 | 11.001 | 7.175 | 55.138 | -0.021 |
| 6/20/2007 12:46 | 11.251 | 7.174 | 55.133 | -0.023 |
| 6/20/2007 12:46 | 11.501 | 7.174 | 55.131 | -0.023 |
| 6/20/2007 12:46 | 11.751 | 7.173 | 55.128 | -0.024 |
| 6/20/2007 12:46 | 12.001 | 7.175 | 55.129 | -0.019 |
| 6/20/2007 12:46 | 12.251 | 7.173 | 55.125 | -0.025 |
| 6/20/2007 12:46 | 12.501 | 7.173 | 55.126 | -0.025 |
| 6/20/2007 12:46 | 12.751 | 7.174 | 55.119 | -0.021 |
| 6/20/2007 12:46 | 13.001 | 7.172 | 55.116 | -0.028 |
| 6/20/2007 12:46 | 13.251 | 7.175 | 55.119 | -0.021 |
| 6/20/2007 12:46 | 13.501 | 7.173 | 55.117 | -0.025 |
| 6/20/2007 12:46 | 13.751 | 7.174 | 55.114 | -0.022 |
| 6/20/2007 12:46 | 14.001 | 7.174 | 55.112 | -0.022 |
| 6/20/2007 12:46 | 14.251 | 7.174 | 55.111 | -0.022 |
| 6/20/2007 12:46 | 14.501 | 7.174 | 55.108 | -0.023 |
| 6/20/2007 12:46 | 14.751 | 7.173 | 55.108 | -0.024 |
| 6/20/2007 12:46 | 15.001 | 7.176 | 55.107 | -0.018 |
| 6/20/2007 12:46 | 15.251 | 7.174 | 55.109 | -0.022 |
| 6/20/2007 12:46 | 15.501 | 7.176 | 55.108 | -0.018 |
| 6/20/2007 12:46 | 15.751 | 7.175 | 55.106 | -0.021 |
| 6/20/2007 12:46 | 16.001 | 7.174 | 55.101 | -0.022 |
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| 6/20/2007 12:46 | 16.501 | 7.175 | 55.102 | -0.021 |
| 6/20/2007 12:46 | 16.751 | 7.174 | 55.104 | -0.022 |
| 6/20/2007 12:46 | 17.001 | 7.174 | 55.099 | -0.023 |
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| 6/20/2007 12:47 | 20.751 | 7.175 | 55.084 | -0.021 |

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| 6/20/2007 12:48 | 83.751 | 8.541 | 54.852 | 3.134 |
| 6/20/2007 12:48 | 84.001 | 8.541 | 54.848 | 3.134 |
| 6/20/2007 12:48 | 84.251 | 8.54  | 54.846 | 3.131 |
| 6/20/2007 12:48 | 84.501 | 8.54  | 54.842 | 3.131 |
| 6/20/2007 12:48 | 84.751 | 8.539 | 54.84  | 3.13  |
| 6/20/2007 12:48 | 85.001 | 8.541 | 54.842 | 3.133 |
| 6/20/2007 12:48 | 85.251 | 8.538 | 54.837 | 3.128 |
| 6/20/2007 12:48 | 85.501 | 8.539 | 54.84  | 3.13  |
| 6/20/2007 12:48 | 85.751 | 8.539 | 54.837 | 3.128 |
| 6/20/2007 12:48 | 86.001 | 8.538 | 54.845 | 3.127 |
| 6/20/2007 12:48 | 86.251 | 8.537 | 54.837 | 3.125 |
| 6/20/2007 12:48 | 86.501 | 8.538 | 54.834 | 3.127 |
| 6/20/2007 12:48 | 86.751 | 8.539 | 54.833 | 3.128 |

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| 6/20/2007 12:48 | 87.001 | 8.536 | 54.832 | 3.123 |
| 6/20/2007 12:48 | 87.251 | 8.536 | 54.836 | 3.123 |
| 6/20/2007 12:48 | 87.501 | 8.537 | 54.833 | 3.124 |
| 6/20/2007 12:48 | 87.751 | 8.537 | 54.833 | 3.125 |
| 6/20/2007 12:48 | 88.001 | 8.536 | 54.835 | 3.122 |
| 6/20/2007 12:48 | 88.251 | 8.536 | 54.83  | 3.123 |
| 6/20/2007 12:48 | 88.501 | 8.534 | 54.83  | 3.118 |
| 6/20/2007 12:48 | 88.751 | 8.535 | 54.825 | 3.119 |
| 6/20/2007 12:48 | 89.001 | 8.535 | 54.828 | 3.12  |
| 6/20/2007 12:48 | 89.251 | 8.536 | 54.829 | 3.123 |
| 6/20/2007 12:48 | 89.501 | 8.537 | 54.83  | 3.124 |
| 6/20/2007 12:48 | 89.751 | 8.535 | 54.828 | 3.121 |
| 6/20/2007 12:48 | 90.001 | 8.535 | 54.823 | 3.119 |
| 6/20/2007 12:48 | 90.251 | 8.536 | 54.823 | 3.123 |
| 6/20/2007 12:48 | 90.501 | 8.535 | 54.823 | 3.119 |
| 6/20/2007 12:48 | 90.751 | 8.536 | 54.826 | 3.122 |
| 6/20/2007 12:48 | 91.001 | 8.534 | 54.817 | 3.118 |
| 6/20/2007 12:48 | 91.251 | 8.532 | 54.826 | 3.114 |
| 6/20/2007 12:48 | 91.501 | 8.536 | 54.822 | 3.121 |
| 6/20/2007 12:48 | 91.751 | 8.532 | 54.817 | 3.114 |
| 6/20/2007 12:48 | 92.001 | 8.531 | 54.818 | 3.111 |
| 6/20/2007 12:48 | 92.251 | 8.534 | 54.817 | 3.117 |
| 6/20/2007 12:48 | 92.501 | 8.533 | 54.817 | 3.116 |
| 6/20/2007 12:48 | 92.751 | 8.532 | 54.817 | 3.113 |
| 6/20/2007 12:48 | 93.001 | 8.532 | 54.813 | 3.113 |
| 6/20/2007 12:48 | 93.251 | 8.532 | 54.817 | 3.114 |
| 6/20/2007 12:48 | 93.501 | 8.535 | 54.812 | 3.12  |
| 6/20/2007 12:48 | 93.751 | 8.533 | 54.808 | 3.115 |
| 6/20/2007 12:48 | 94.001 | 8.532 | 54.809 | 3.112 |
| 6/20/2007 12:48 | 94.251 | 8.531 | 54.812 | 3.11  |
| 6/20/2007 12:48 | 94.501 | 8.532 | 54.812 | 3.112 |
| 6/20/2007 12:48 | 94.751 | 8.53  | 54.806 | 3.108 |
| 6/20/2007 12:48 | 95.001 | 8.53  | 54.808 | 3.108 |
| 6/20/2007 12:48 | 95.251 | 8.531 | 54.8   | 3.11  |
| 6/20/2007 12:48 | 95.501 | 8.531 | 54.807 | 3.112 |
| 6/20/2007 12:48 | 95.751 | 8.53  | 54.805 | 3.109 |
| 6/20/2007 12:48 | 96.001 | 8.529 | 54.805 | 3.106 |
| 6/20/2007 12:48 | 96.251 | 8.528 | 54.806 | 3.105 |
| 6/20/2007 12:48 | 96.501 | 8.53  | 54.801 | 3.108 |
| 6/20/2007 12:48 | 96.751 | 8.53  | 54.8   | 3.109 |
| 6/20/2007 12:48 | 97.001 | 8.529 | 54.8   | 3.105 |
| 6/20/2007 12:48 | 97.251 | 8.528 | 54.8   | 3.104 |
| 6/20/2007 12:48 | 97.501 | 8.528 | 54.802 | 3.103 |
| 6/20/2007 12:48 | 97.751 | 8.529 | 54.796 | 3.105 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/20/2007 12:48 | 98.001  | 8.529 | 54.798 | 3.107 |
| 6/20/2007 12:48 | 98.251  | 8.528 | 54.794 | 3.103 |
| 6/20/2007 12:48 | 98.501  | 8.528 | 54.793 | 3.103 |
| 6/20/2007 12:48 | 98.751  | 8.528 | 54.792 | 3.103 |
| 6/20/2007 12:48 | 99.001  | 8.527 | 54.793 | 3.102 |
| 6/20/2007 12:48 | 99.251  | 8.527 | 54.792 | 3.102 |
| 6/20/2007 12:48 | 99.501  | 8.527 | 54.791 | 3.102 |
| 6/20/2007 12:48 | 99.751  | 8.527 | 54.792 | 3.102 |
| 6/20/2007 12:48 | 100.001 | 8.526 | 54.787 | 3.1   |
| 6/20/2007 12:48 | 100.251 | 8.526 | 54.785 | 3.1   |
| 6/20/2007 12:48 | 100.501 | 8.526 | 54.789 | 3.098 |
| 6/20/2007 12:48 | 100.751 | 8.526 | 54.785 | 3.099 |
| 6/20/2007 12:48 | 101.001 | 8.526 | 54.785 | 3.099 |
| 6/20/2007 12:48 | 101.251 | 8.525 | 54.787 | 3.096 |
| 6/20/2007 12:48 | 101.501 | 8.529 | 54.781 | 3.105 |
| 6/20/2007 12:48 | 101.751 | 8.521 | 54.783 | 3.088 |
| 6/20/2007 12:48 | 102.001 | 8.525 | 54.781 | 3.098 |
| 6/20/2007 12:48 | 102.251 | 8.524 | 54.782 | 3.094 |
| 6/20/2007 12:48 | 102.501 | 8.527 | 54.779 | 3.101 |
| 6/20/2007 12:48 | 102.751 | 8.525 | 54.778 | 3.098 |
| 6/20/2007 12:48 | 103.001 | 8.525 | 54.783 | 3.097 |
| 6/20/2007 12:48 | 103.251 | 8.525 | 54.78  | 3.096 |
| 6/20/2007 12:48 | 103.501 | 8.523 | 54.777 | 3.092 |
| 6/20/2007 12:48 | 103.751 | 8.524 | 54.775 | 3.094 |
| 6/20/2007 12:48 | 104.001 | 8.524 | 54.776 | 3.094 |
| 6/20/2007 12:48 | 104.251 | 8.522 | 54.777 | 3.089 |
| 6/20/2007 12:48 | 104.501 | 8.524 | 54.774 | 3.095 |
| 6/20/2007 12:48 | 104.751 | 8.521 | 54.772 | 3.088 |
| 6/20/2007 12:48 | 105.001 | 8.522 | 54.771 | 3.089 |
| 6/20/2007 12:48 | 105.251 | 8.522 | 54.769 | 3.09  |
| 6/20/2007 12:48 | 105.501 | 8.523 | 54.765 | 3.092 |
| 6/20/2007 12:48 | 105.751 | 8.522 | 54.767 | 3.09  |
| 6/20/2007 12:48 | 106.001 | 8.522 | 54.769 | 3.089 |
| 6/20/2007 12:48 | 106.251 | 8.522 | 54.773 | 3.09  |
| 6/20/2007 12:48 | 106.501 | 8.52  | 54.761 | 3.086 |
| 6/20/2007 12:48 | 106.751 | 8.522 | 54.769 | 3.09  |
| 6/20/2007 12:48 | 107.001 | 8.522 | 54.768 | 3.09  |
| 6/20/2007 12:48 | 107.251 | 8.521 | 54.765 | 3.087 |
| 6/20/2007 12:48 | 107.501 | 8.52  | 54.762 | 3.085 |
| 6/20/2007 12:48 | 107.751 | 8.52  | 54.758 | 3.086 |
| 6/20/2007 12:48 | 108.001 | 8.519 | 54.761 | 3.083 |
| 6/20/2007 12:48 | 108.251 | 8.52  | 54.759 | 3.086 |
| 6/20/2007 12:48 | 108.501 | 8.518 | 54.758 | 3.08  |
| 6/20/2007 12:48 | 108.751 | 8.518 | 54.756 | 3.081 |

|                 |         |       |        |       |
|-----------------|---------|-------|--------|-------|
| 6/20/2007 12:48 | 109.001 | 8.519 | 54.758 | 3.083 |
| 6/20/2007 12:48 | 109.251 | 8.518 | 54.76  | 3.081 |
| 6/20/2007 12:48 | 109.501 | 8.519 | 54.757 | 3.084 |
| 6/20/2007 12:48 | 109.751 | 8.519 | 54.758 | 3.082 |
| 6/20/2007 12:48 | 110.001 | 8.519 | 54.761 | 3.083 |
| 6/20/2007 12:48 | 110.251 | 8.516 | 54.754 | 3.076 |
| 6/20/2007 12:48 | 110.501 | 8.516 | 54.751 | 3.077 |
| 6/20/2007 12:48 | 110.751 | 8.516 | 54.752 | 3.075 |
| 6/20/2007 12:48 | 111.001 | 8.517 | 54.754 | 3.079 |
| 6/20/2007 12:48 | 111.251 | 8.519 | 54.743 | 3.084 |
| 6/20/2007 12:48 | 111.501 | 8.517 | 54.747 | 3.08  |
| 6/20/2007 12:48 | 111.751 | 8.516 | 54.754 | 3.075 |
| 6/20/2007 12:48 | 112.142 | 8.516 | 54.725 | 3.076 |
| 6/20/2007 12:48 | 112.347 | 8.517 | 54.771 | 3.078 |
| 6/20/2007 12:48 | 112.681 | 8.516 | 54.735 | 3.075 |
| 6/20/2007 12:48 | 113.072 | 8.516 | 54.745 | 3.076 |
| 6/20/2007 12:48 | 113.276 | 8.515 | 54.755 | 3.074 |
| 6/20/2007 12:48 | 113.48  | 8.515 | 54.763 | 3.075 |
| 6/20/2007 12:48 | 113.685 | 8.515 | 54.761 | 3.074 |
| 6/20/2007 12:48 | 113.889 | 8.514 | 54.765 | 3.072 |
| 6/20/2007 12:48 | 114.093 | 8.514 | 54.73  | 3.072 |
| 6/20/2007 12:48 | 114.483 | 8.515 | 54.777 | 3.075 |
| 6/20/2007 12:48 | 114.819 | 8.516 | 54.733 | 3.077 |
| 6/20/2007 12:48 | 115.211 | 8.515 | 54.721 | 3.075 |
| 6/20/2007 12:48 | 115.617 | 8.515 | 54.766 | 3.073 |
| 6/20/2007 12:48 | 115.952 | 8.513 | 54.725 | 3.068 |
| 6/20/2007 12:48 | 116.343 | 8.511 | 54.707 | 3.064 |
| 6/20/2007 12:48 | 116.733 | 8.512 | 54.759 | 3.066 |
| 6/20/2007 12:48 | 117.069 | 8.514 | 54.713 | 3.072 |
| 6/20/2007 12:48 | 117.461 | 8.513 | 54.701 | 3.069 |
| 6/20/2007 12:48 | 117.852 | 8.511 | 54.747 | 3.064 |
| 6/20/2007 12:48 | 118.187 | 8.512 | 54.713 | 3.066 |
| 6/20/2007 12:48 | 118.578 | 8.511 | 54.695 | 3.065 |
| 6/20/2007 12:48 | 118.967 | 8.51  | 54.746 | 3.063 |
| 6/20/2007 12:48 | 119.304 | 8.511 | 54.705 | 3.065 |
| 6/20/2007 12:48 | 119.696 | 8.51  | 54.69  | 3.063 |
| 6/20/2007 12:48 | 120.086 | 8.51  | 54.744 | 3.063 |
| 6/20/2007 12:48 | 120.421 | 8.508 | 54.704 | 3.058 |
| 6/20/2007 12:48 | 120.812 | 8.508 | 54.688 | 3.058 |
| 6/20/2007 12:48 | 121.202 | 8.509 | 54.736 | 3.06  |
| 6/20/2007 12:48 | 121.539 | 8.51  | 54.696 | 3.063 |
| 6/20/2007 12:48 | 121.93  | 8.509 | 54.681 | 3.06  |
| 6/20/2007 12:48 | 122.321 | 8.508 | 54.734 | 3.057 |
| 6/20/2007 12:48 | 122.657 | 8.507 | 54.695 | 3.055 |

|                 |          |       |        |       |
|-----------------|----------|-------|--------|-------|
| 6/20/2007 12:48 | 123.047  | 8.507 | 54.68  | 3.056 |
| 6/20/2007 12:49 | 180.183  | 8.471 | 54.327 | 2.972 |
| 6/20/2007 12:50 | 240.051  | 8.436 | 54.168 | 2.891 |
| 6/20/2007 12:51 | 300.065  | 8.402 | 53.975 | 2.813 |
| 6/20/2007 12:52 | 360.001  | 8.374 | 53.873 | 2.748 |
| 6/20/2007 12:53 | 420.001  | 8.344 | 53.799 | 2.678 |
| 6/20/2007 12:54 | 480.039  | 8.317 | 53.733 | 2.618 |
| 6/20/2007 12:55 | 540.001  | 8.294 | 53.7   | 2.563 |
| 6/20/2007 12:56 | 600.009  | 8.266 | 53.595 | 2.499 |
| 6/20/2007 12:57 | 660.001  | 8.24  | 53.548 | 2.438 |
| 6/20/2007 12:58 | 720.001  | 8.217 | 53.517 | 2.386 |
| 6/20/2007 12:59 | 780.001  | 8.195 | 53.482 | 2.334 |
| 6/20/2007 13:00 | 840.187  | 8.172 | 53.442 | 2.282 |
| 6/20/2007 13:01 | 900.001  | 8.152 | 53.288 | 2.236 |
| 6/20/2007 13:02 | 960.001  | 8.133 | 53.196 | 2.191 |
| 6/20/2007 13:03 | 1020.001 | 8.111 | 53.135 | 2.141 |
| 6/20/2007 13:04 | 1080.001 | 8.091 | 53.092 | 2.094 |
| 6/20/2007 13:05 | 1140.001 | 8.073 | 53.061 | 2.053 |
| 6/20/2007 13:06 | 1200.001 | 8.053 | 53.035 | 2.007 |
| 6/20/2007 13:07 | 1260.001 | 8.035 | 53.004 | 1.966 |
| 6/20/2007 13:08 | 1320.001 | 8.017 | 52.977 | 1.925 |

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## Raw Test Data for P-398 S Rising Head

Report Date: 6/26/2007 11:14  
Report User Name: made  
Report Computer Name: BLUS-MADE

Log File Properties  
File Name p398s bail 2007-06-20 10.18.33.wsl  
Create Date 6/20/2007 9:18

Device Properties  
Device Unknown  
Site FERMI 2  
Device Name  
Serial Number 102941  
Firmware Version 2.04

Log Configuration

|                     |                   |
|---------------------|-------------------|
| Log Name            | p398s bail        |
| Created By          | Jim               |
| Computer Name       | Field PC          |
| Application         | WinSituMobile.exe |
| Application Version | 5.4.1.4           |
| Create Date         | 6/20/2007 8:48    |
| Notes Size(bytes)   | 4096              |
| Type                | Step Linear       |
| Overwrite when full | Disabled          |
| Scheduled Start     | Manual Start      |
| Scheduled Stop      | No Stop Time      |

### Steps 2

Step: 1  
Duration: Days: 0 Hours: 00 Mins: 02 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 00 Secs: 00.250

Step: 2  
Duration: Days: 0 Hours: 00 Mins: 20 Secs: 00  
Interval: Days: 0 Hours: 00 Mins: 01 Secs: 00

|          |                                     |
|----------|-------------------------------------|
| Step     | 2                                   |
| Duration | Days: 0 Hours: 00 Mins: 20 Secs: 00 |
| Interval | Days: 0 Hours: 00 Mins: 01 Secs: 00 |

Level Reference Settings At Log Creation

|                               |                   |
|-------------------------------|-------------------|
| Level Measurement Mode        | Level-Surface     |
| Specific Gravity              | 0.999             |
| Level Reference Mode:         | Set new reference |
| Level Reference Value:        | 0 (ft)            |
| Level Reference Head Pressure | 4.1413 (PSI)      |
| Temperature                   | 55.5249 (F)       |
| Depth of Probe                | 9.56508 (ft)      |

Log Notes:

|                |                                                |
|----------------|------------------------------------------------|
| Date and Time  | Note                                           |
| 6/20/2007 8:48 | User Note: "Level reference initialized to: 0" |
| 6/20/2007 8:53 | Manual Start Command                           |

Log Data:  
Record Count 501

| Date and Time  | Elapsed Time<br>Seconds | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 | Sensor: Pres 30G<br>SN#: 102941 |
|----------------|-------------------------|---------------------------------|---------------------------------|---------------------------------|
|                |                         | Pressure (PSI)                  | Temperature (F)                 | Level-Surface (ft)              |
| 6/20/2007 8:53 | 0                       | 4.154                           | 52.696                          | 0.03                            |
| 6/20/2007 8:53 | 0.25                    | 4.155                           | 52.74                           | 0.032                           |
| 6/20/2007 8:53 | 0.5                     | 4.154                           | 52.765                          | 0.028                           |
| 6/20/2007 8:53 | 0.751                   | 4.162                           | 52.788                          | 0.049                           |
| 6/20/2007 8:53 | 1.359                   | 4.155                           | 52.905                          | 0.031                           |
| 6/20/2007 8:53 | 1.565                   | 4.156                           | 52.901                          | 0.033                           |
| 6/20/2007 8:53 | 1.77                    | 4.154                           | 52.897                          | 0.03                            |
| 6/20/2007 8:53 | 1.974                   | 4.154                           | 52.895                          | 0.029                           |
| 6/20/2007 8:53 | 2.627                   | 4.155                           | 52.983                          | 0.031                           |
| 6/20/2007 8:53 | 2.832                   | 4.155                           | 52.963                          | 0.032                           |
| 6/20/2007 8:53 | 3.038                   | 4.153                           | 52.954                          | 0.028                           |
| 6/20/2007 8:53 | 3.242                   | 4.155                           | 52.942                          | 0.031                           |
| 6/20/2007 8:53 | 3.907                   | 4.156                           | 53.019                          | 0.034                           |
| 6/20/2007 8:53 | 4.112                   | 4.155                           | 52.998                          | 0.032                           |
| 6/20/2007 8:53 | 4.317                   | 4.153                           | 52.985                          | 0.028                           |
| 6/20/2007 8:53 | 4.522                   | 4.155                           | 52.972                          | 0.032                           |
| 6/20/2007 8:53 | 4.879                   | 4.156                           | 52.993                          | 0.033                           |
| 6/20/2007 8:53 | 5.084                   | 4.153                           | 52.981                          | 0.027                           |
| 6/20/2007 8:53 | 5.288                   | 4.152                           | 52.978                          | 0.024                           |
| 6/20/2007 8:53 | 5.492                   | 4.153                           | 52.964                          | 0.027                           |
| 6/20/2007 8:53 | 5.697                   | 4.153                           | 52.959                          | 0.026                           |
| 6/20/2007 8:53 | 5.901                   | 4.152                           | 52.958                          | 0.025                           |
| 6/20/2007 8:53 | 6.106                   | 4.153                           | 52.958                          | 0.027                           |
| 6/20/2007 8:53 | 6.311                   | 4.153                           | 52.956                          | 0.028                           |
| 6/20/2007 8:53 | 6.515                   | 4.154                           | 52.954                          | 0.03                            |
| 6/20/2007 8:53 | 6.72                    | 4.153                           | 52.947                          | 0.027                           |
| 6/20/2007 8:53 | 6.924                   | 4.153                           | 52.947                          | 0.028                           |
| 6/20/2007 8:53 | 7.13                    | 4.154                           | 52.947                          | 0.029                           |
| 6/20/2007 8:53 | 7.333                   | 4.153                           | 52.946                          | 0.027                           |
| 6/20/2007 8:53 | 7.537                   | 4.152                           | 52.948                          | 0.025                           |
| 6/20/2007 8:53 | 7.741                   | 4.153                           | 52.945                          | 0.027                           |
| 6/20/2007 8:53 | 7.945                   | 4.154                           | 52.946                          | 0.029                           |
| 6/20/2007 8:53 | 8.149                   | 4.154                           | 52.941                          | 0.028                           |
| 6/20/2007 8:53 | 8.353                   | 4.154                           | 52.945                          | 0.028                           |
| 6/20/2007 8:53 | 8.557                   | 4.153                           | 52.945                          | 0.028                           |
| 6/20/2007 8:53 | 8.761                   | 4.154                           | 52.946                          | 0.029                           |
| 6/20/2007 8:53 | 9                       | 4.154                           | 52.94                           | 0.029                           |
| 6/20/2007 8:53 | 9.25                    | 4.152                           | 52.929                          | 0.026                           |
| 6/20/2007 8:53 | 9.5                     | 4.153                           | 52.92                           | 0.027                           |
| 6/20/2007 8:53 | 9.75                    | 4.154                           | 52.921                          | 0.028                           |

|                |       |       |        |       |
|----------------|-------|-------|--------|-------|
| 6/20/2007 8:53 | 10    | 4.153 | 52.918 | 0.027 |
| 6/20/2007 8:53 | 10.25 | 4.154 | 52.912 | 0.029 |
| 6/20/2007 8:53 | 10.5  | 4.154 | 52.913 | 0.029 |
| 6/20/2007 8:53 | 10.75 | 4.152 | 52.909 | 0.025 |
| 6/20/2007 8:53 | 11    | 4.154 | 52.906 | 0.029 |
| 6/20/2007 8:53 | 11.25 | 4.155 | 52.907 | 0.031 |
| 6/20/2007 8:53 | 11.5  | 4.154 | 52.904 | 0.029 |
| 6/20/2007 8:53 | 11.75 | 4.154 | 52.909 | 0.029 |
| 6/20/2007 8:53 | 12    | 4.153 | 52.903 | 0.028 |
| 6/20/2007 8:53 | 12.25 | 4.152 | 52.903 | 0.026 |
| 6/20/2007 8:53 | 12.5  | 4.154 | 52.901 | 0.029 |
| 6/20/2007 8:53 | 12.75 | 4.154 | 52.901 | 0.03  |
| 6/20/2007 8:53 | 13    | 4.155 | 52.902 | 0.031 |
| 6/20/2007 8:54 | 13.25 | 4.152 | 52.903 | 0.025 |
| 6/20/2007 8:54 | 13.5  | 4.154 | 52.901 | 0.028 |
| 6/20/2007 8:54 | 13.75 | 4.155 | 52.9   | 0.031 |
| 6/20/2007 8:54 | 14    | 4.155 | 52.901 | 0.032 |
| 6/20/2007 8:54 | 14.25 | 4.154 | 52.9   | 0.028 |
| 6/20/2007 8:54 | 14.5  | 4.155 | 52.897 | 0.031 |
| 6/20/2007 8:54 | 14.75 | 4.153 | 52.895 | 0.027 |
| 6/20/2007 8:54 | 15    | 4.154 | 52.899 | 0.029 |
| 6/20/2007 8:54 | 15.25 | 4.153 | 52.906 | 0.027 |
| 6/20/2007 8:54 | 15.5  | 4.153 | 52.895 | 0.027 |
| 6/20/2007 8:54 | 15.75 | 4.155 | 52.894 | 0.031 |
| 6/20/2007 8:54 | 16    | 4.154 | 52.896 | 0.029 |
| 6/20/2007 8:54 | 16.25 | 4.155 | 52.896 | 0.031 |
| 6/20/2007 8:54 | 16.5  | 4.153 | 52.897 | 0.027 |
| 6/20/2007 8:54 | 16.75 | 4.155 | 52.897 | 0.031 |
| 6/20/2007 8:54 | 17    | 4.154 | 52.897 | 0.029 |
| 6/20/2007 8:54 | 17.25 | 4.154 | 52.895 | 0.029 |
| 6/20/2007 8:54 | 17.5  | 4.154 | 52.897 | 0.03  |
| 6/20/2007 8:54 | 17.75 | 4.154 | 52.895 | 0.029 |
| 6/20/2007 8:54 | 18    | 4.153 | 52.895 | 0.026 |
| 6/20/2007 8:54 | 18.25 | 4.154 | 52.898 | 0.028 |
| 6/20/2007 8:54 | 18.5  | 4.154 | 52.895 | 0.03  |
| 6/20/2007 8:54 | 18.75 | 4.153 | 52.898 | 0.026 |
| 6/20/2007 8:54 | 19    | 4.154 | 52.899 | 0.03  |
| 6/20/2007 8:54 | 19.25 | 4.154 | 52.897 | 0.03  |
| 6/20/2007 8:54 | 19.5  | 4.154 | 52.895 | 0.03  |
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| 6/20/2007 8:54 | 20    | 4.155 | 52.894 | 0.032 |
| 6/20/2007 8:54 | 20.25 | 4.153 | 52.898 | 0.026 |
| 6/20/2007 8:54 | 20.5  | 4.154 | 52.892 | 0.028 |
| 6/20/2007 8:54 | 20.75 | 4.154 | 52.896 | 0.029 |

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| 6/20/2007 8:54 | 21.5   | 4.155 | 52.896 | 0.032  |
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| 6/20/2007 8:54 | 22.536 | 4.153 | 52.884 | 0.027  |
| 6/20/2007 8:54 | 22.751 | 4.153 | 52.9   | 0.028  |
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| 6/20/2007 8:54 | 23.251 | 4.155 | 52.896 | 0.031  |
| 6/20/2007 8:54 | 23.501 | 4.154 | 52.896 | 0.028  |
| 6/20/2007 8:54 | 23.751 | 4.155 | 52.89  | 0.031  |
| 6/20/2007 8:54 | 24.001 | 4.154 | 52.89  | 0.03   |
| 6/20/2007 8:54 | 24.251 | 4.154 | 52.897 | 0.029  |
| 6/20/2007 8:54 | 24.501 | 4.155 | 52.895 | 0.031  |
| 6/20/2007 8:54 | 24.751 | 4.154 | 52.895 | 0.03   |
| 6/20/2007 8:54 | 25.001 | 4.155 | 52.894 | 0.031  |
| 6/20/2007 8:54 | 25.251 | 4.155 | 52.892 | 0.031  |
| 6/20/2007 8:54 | 25.501 | 4.155 | 52.894 | 0.033  |
| 6/20/2007 8:54 | 25.751 | 4.154 | 52.898 | 0.03   |
| 6/20/2007 8:54 | 26.001 | 4.155 | 52.896 | 0.03   |
| 6/20/2007 8:54 | 26.251 | 4.154 | 52.891 | 0.03   |
| 6/20/2007 8:54 | 26.501 | 4.155 | 52.892 | 0.031  |
| 6/20/2007 8:54 | 26.751 | 4.155 | 52.892 | 0.031  |
| 6/20/2007 8:54 | 27.001 | 4.158 | 52.891 | 0.039  |
| 6/20/2007 8:54 | 27.251 | 4.155 | 52.892 | 0.031  |
| 6/20/2007 8:54 | 27.501 | 4.151 | 52.892 | 0.022  |
| 6/20/2007 8:54 | 27.75  | 4.142 | 52.896 | 0.001  |
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| 6/20/2007 8:54 | 29.5   | 4.228 | 52.892 | 0.201  |
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| 6/20/2007 8:54 | 30.75  | 3.808 | 52.891 | -0.769 |
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| 6/20/2007 8:54 | 31.25  | 2.881 | 52.889 | -2.91  |
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| 6/20/2007 8:54 | 31.75  | 3.137 | 52.892 | -2.318 |

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| 6/20/2007 8:54 | 34     | 3.076 | 52.887 | -2.46  |
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| 6/20/2007 8:54 | 42.5   | 3.398 | 52.882 | -1.716 |
| 6/20/2007 8:54 | 42.75  | 3.405 | 52.883 | -1.699 |

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| 6/20/2007 8:54 | 43.25  | 3.421 | 52.887 | -1.662 |
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| 6/20/2007 8:54 | 44     | 3.446 | 52.879 | -1.607 |
| 6/20/2007 8:54 | 44.25  | 3.452 | 52.88  | -1.593 |
| 6/20/2007 8:54 | 44.5   | 3.459 | 52.879 | -1.576 |
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| 6/20/2007 8:54 | 45     | 3.474 | 52.883 | -1.54  |
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| 6/20/2007 8:54 | 46     | 3.5   | 52.88  | -1.48  |
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| 6/20/2007 8:54 | 47.501 | 3.533 | 52.881 | -1.404 |
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| 6/20/2007 8:54 | 52.251 | 3.594 | 52.881 | -1.264 |
| 6/20/2007 8:54 | 52.5   | 3.597 | 52.873 | -1.256 |
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| 6/20/2007 8:54 | 53.25  | 3.604 | 52.875 | -1.242 |
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| 6/20/2007 8:54 | 53.75  | 3.607 | 52.875 | -1.233 |

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| 6/20/2007 8:54 | 54.25  | 3.61  | 52.874 | -1.227 |
| 6/20/2007 8:54 | 54.5   | 3.611 | 52.871 | -1.224 |
| 6/20/2007 8:54 | 54.75  | 3.613 | 52.876 | -1.219 |
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| 6/20/2007 8:54 | 55.5   | 3.617 | 52.87  | -1.21  |
| 6/20/2007 8:54 | 55.75  | 3.62  | 52.873 | -1.204 |
| 6/20/2007 8:54 | 56     | 3.62  | 52.872 | -1.204 |
| 6/20/2007 8:54 | 56.25  | 3.622 | 52.876 | -1.198 |
| 6/20/2007 8:54 | 56.5   | 3.624 | 52.876 | -1.195 |
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| 6/20/2007 8:54 | 57     | 3.624 | 52.868 | -1.195 |
| 6/20/2007 8:54 | 57.25  | 3.628 | 52.872 | -1.185 |
| 6/20/2007 8:54 | 57.5   | 3.627 | 52.869 | -1.187 |
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| 6/20/2007 8:54 | 58     | 3.63  | 52.867 | -1.181 |
| 6/20/2007 8:54 | 58.25  | 3.633 | 52.873 | -1.175 |
| 6/20/2007 8:54 | 58.5   | 3.633 | 52.868 | -1.174 |
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| 6/20/2007 8:54 | 61.251 | 3.642 | 52.87  | -1.153 |
| 6/20/2007 8:54 | 61.501 | 3.644 | 52.872 | -1.149 |
| 6/20/2007 8:54 | 61.751 | 3.644 | 52.869 | -1.147 |
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| 6/20/2007 8:54 | 62.251 | 3.646 | 52.871 | -1.143 |
| 6/20/2007 8:54 | 62.501 | 3.646 | 52.865 | -1.143 |
| 6/20/2007 8:54 | 62.751 | 3.648 | 52.868 | -1.139 |
| 6/20/2007 8:54 | 63.001 | 3.649 | 52.866 | -1.136 |
| 6/20/2007 8:54 | 63.251 | 3.649 | 52.87  | -1.138 |
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| 6/20/2007 8:54 | 63.751 | 3.651 | 52.866 | -1.132 |
| 6/20/2007 8:54 | 64.001 | 3.65  | 52.867 | -1.135 |
| 6/20/2007 8:54 | 64.251 | 3.652 | 52.864 | -1.131 |
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| 6/20/2007 8:54 | 65.5   | 3.653 | 52.872 | -1.128 |
| 6/20/2007 8:54 | 65.75  | 3.656 | 52.864 | -1.121 |
| 6/20/2007 8:54 | 66     | 3.655 | 52.862 | -1.122 |
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| 6/20/2007 8:54 | 66.5   | 3.657 | 52.863 | -1.117 |
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| 6/20/2007 8:54 | 67     | 3.659 | 52.859 | -1.114 |
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| 6/20/2007 8:54 | 67.5   | 3.659 | 52.865 | -1.113 |
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| 6/20/2007 8:54 | 68     | 3.66  | 52.862 | -1.11  |
| 6/20/2007 8:54 | 68.25  | 3.662 | 52.856 | -1.108 |
| 6/20/2007 8:54 | 68.5   | 3.66  | 52.861 | -1.11  |
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| 6/20/2007 8:54 | 69     | 3.662 | 52.86  | -1.106 |
| 6/20/2007 8:54 | 69.25  | 3.662 | 52.866 | -1.107 |
| 6/20/2007 8:54 | 69.5   | 3.663 | 52.861 | -1.104 |
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| 6/20/2007 8:54 | 72.001 | 3.667 | 52.857 | -1.095 |
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| 6/20/2007 8:54 | 73.001 | 3.667 | 52.866 | -1.094 |
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| 6/20/2007 8:55 | 73.501 | 3.669 | 52.864 | -1.091 |
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| 6/20/2007 8:55 | 74.001 | 3.67  | 52.864 | -1.089 |
| 6/20/2007 8:55 | 74.251 | 3.671 | 52.858 | -1.086 |
| 6/20/2007 8:55 | 74.501 | 3.67  | 52.859 | -1.089 |
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| 6/20/2007 8:55 | 75.001 | 3.672 | 52.86  | -1.084 |
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| 6/20/2007 8:55 | 75.501 | 3.671 | 52.856 | -1.086 |
| 6/20/2007 8:55 | 75.891 | 3.672 | 52.835 | -1.084 |

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| 6/20/2007 8:55 | 76.431 | 3.674 | 52.84  | -1.08  |
| 6/20/2007 8:55 | 76.822 | 3.673 | 52.851 | -1.081 |
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| 6/20/2007 8:55 | 80.804 | 3.678 | 52.832 | -1.07  |
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| 6/20/2007 8:55 | 81.922 | 3.682 | 52.832 | -1.061 |
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| 6/20/2007 8:55 | 84.155 | 3.68  | 52.842 | -1.065 |
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| 6/20/2007 8:55 | 85.285 | 3.681 | 52.832 | -1.063 |
| 6/20/2007 8:55 | 85.679 | 3.682 | 52.815 | -1.06  |
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| 6/20/2007 8:55 | 86.404 | 3.683 | 52.828 | -1.058 |
| 6/20/2007 8:55 | 86.796 | 3.683 | 52.816 | -1.058 |
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| 6/20/2007 8:55 | 87.522 | 3.683 | 52.826 | -1.059 |
| 6/20/2007 8:55 | 87.914 | 3.684 | 52.813 | -1.056 |
| 6/20/2007 8:55 | 88.305 | 3.685 | 52.866 | -1.054 |
| 6/20/2007 8:55 | 88.639 | 3.683 | 52.827 | -1.058 |
| 6/20/2007 8:55 | 89.032 | 3.685 | 52.813 | -1.054 |
| 6/20/2007 8:55 | 89.423 | 3.684 | 52.863 | -1.055 |
| 6/20/2007 8:55 | 89.758 | 3.685 | 52.827 | -1.054 |
| 6/20/2007 8:55 | 90.151 | 3.686 | 52.812 | -1.052 |
| 6/20/2007 8:55 | 90.541 | 3.686 | 52.867 | -1.052 |
| 6/20/2007 8:55 | 90.876 | 3.686 | 52.828 | -1.052 |
| 6/20/2007 8:55 | 91.269 | 3.687 | 52.807 | -1.05  |

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| 6/20/2007 8:55 | 91.661  | 3.686 | 52.864 | -1.052 |
| 6/20/2007 8:55 | 91.996  | 3.686 | 52.823 | -1.052 |
| 6/20/2007 8:55 | 92.386  | 3.688 | 52.81  | -1.046 |
| 6/20/2007 8:55 | 92.776  | 3.687 | 52.856 | -1.048 |
| 6/20/2007 8:55 | 93.112  | 3.686 | 52.816 | -1.051 |
| 6/20/2007 8:55 | 93.503  | 3.688 | 52.809 | -1.047 |
| 6/20/2007 8:55 | 93.894  | 3.689 | 52.857 | -1.045 |
| 6/20/2007 8:55 | 94.229  | 3.688 | 52.827 | -1.047 |
| 6/20/2007 8:55 | 94.62   | 3.689 | 52.817 | -1.044 |
| 6/20/2007 8:55 | 95.026  | 3.689 | 52.863 | -1.044 |
| 6/20/2007 8:55 | 95.361  | 3.693 | 52.827 | -1.036 |
| 6/20/2007 8:55 | 95.753  | 3.69  | 52.805 | -1.042 |
| 6/20/2007 8:55 | 96.144  | 3.689 | 52.861 | -1.043 |
| 6/20/2007 8:55 | 96.479  | 3.69  | 52.819 | -1.041 |
| 6/20/2007 8:55 | 96.87   | 3.69  | 52.804 | -1.043 |
| 6/20/2007 8:55 | 97.26   | 3.69  | 52.859 | -1.041 |
| 6/20/2007 8:55 | 97.595  | 3.691 | 52.817 | -1.041 |
| 6/20/2007 8:55 | 97.988  | 3.69  | 52.806 | -1.041 |
| 6/20/2007 8:55 | 98.378  | 3.691 | 52.857 | -1.04  |
| 6/20/2007 8:55 | 98.713  | 3.692 | 52.814 | -1.038 |
| 6/20/2007 8:55 | 99.104  | 3.692 | 52.804 | -1.037 |
| 6/20/2007 8:55 | 99.496  | 3.692 | 52.854 | -1.038 |
| 6/20/2007 8:55 | 99.831  | 3.692 | 52.818 | -1.037 |
| 6/20/2007 8:55 | 100.223 | 3.692 | 52.8   | -1.036 |
| 6/20/2007 8:55 | 100.614 | 3.691 | 52.853 | -1.039 |
| 6/20/2007 8:55 | 100.949 | 3.692 | 52.816 | -1.038 |
| 6/20/2007 8:55 | 101.34  | 3.693 | 52.802 | -1.035 |
| 6/20/2007 8:55 | 101.729 | 3.692 | 52.856 | -1.036 |
| 6/20/2007 8:55 | 102.066 | 3.693 | 52.819 | -1.035 |
| 6/20/2007 8:55 | 102.458 | 3.694 | 52.802 | -1.034 |
| 6/20/2007 8:55 | 102.849 | 3.694 | 52.853 | -1.032 |
| 6/20/2007 8:55 | 103.184 | 3.693 | 52.82  | -1.035 |
| 6/20/2007 8:55 | 103.574 | 3.695 | 52.799 | -1.031 |
| 6/20/2007 8:55 | 103.966 | 3.695 | 52.852 | -1.032 |
| 6/20/2007 8:55 | 104.301 | 3.694 | 52.812 | -1.033 |
| 6/20/2007 8:55 | 104.694 | 3.694 | 52.802 | -1.032 |
| 6/20/2007 8:55 | 105.085 | 3.695 | 52.86  | -1.031 |
| 6/20/2007 8:55 | 105.434 | 3.696 | 52.812 | -1.028 |
| 6/20/2007 8:55 | 105.824 | 3.697 | 52.804 | -1.027 |
| 6/20/2007 8:55 | 106.215 | 3.695 | 52.851 | -1.031 |
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| 6/20/2007 8:55 | 106.942 | 3.696 | 52.804 | -1.028 |
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| 6/20/2007 8:55 | 107.668 | 3.697 | 52.81  | -1.026 |

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| 6/20/2007 8:55 | 108.059 | 3.698 | 52.8   | -1.024 |
| 6/20/2007 8:55 | 108.449 | 3.696 | 52.851 | -1.028 |
| 6/20/2007 8:55 | 108.785 | 3.698 | 52.813 | -1.024 |
| 6/20/2007 8:55 | 109.177 | 3.697 | 52.798 | -1.027 |
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| 6/20/2007 8:55 | 110.684 | 3.699 | 52.847 | -1.022 |
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| 6/20/2007 8:55 | 115.153 | 3.699 | 52.844 | -1.021 |
| 6/20/2007 8:55 | 115.488 | 3.7   | 52.817 | -1.018 |
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| 6/20/2007 8:55 | 116.285 | 3.7   | 52.842 | -1.019 |
| 6/20/2007 8:55 | 116.619 | 3.701 | 52.805 | -1.017 |
| 6/20/2007 8:55 | 117.01  | 3.701 | 52.792 | -1.017 |
| 6/20/2007 8:55 | 117.401 | 3.701 | 52.845 | -1.016 |
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| 6/20/2007 8:55 | 118.129 | 3.701 | 52.791 | -1.016 |
| 6/20/2007 8:55 | 118.521 | 3.7   | 52.841 | -1.018 |
| 6/20/2007 8:55 | 118.855 | 3.701 | 52.804 | -1.016 |
| 6/20/2007 8:55 | 119.247 | 3.701 | 52.789 | -1.016 |
| 6/20/2007 8:55 | 119.636 | 3.702 | 52.844 | -1.015 |
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| 6/20/2007 8:55 | 121.09  | 3.704 | 52.805 | -1.011 |
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| 6/20/2007 8:55 | 121.87  | 3.703 | 52.844 | -1.011 |
| 6/20/2007 8:55 | 122.207 | 3.703 | 52.799 | -1.011 |
| 6/20/2007 8:55 | 122.599 | 3.703 | 52.785 | -1.013 |
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| 6/20/2007 8:55 | 123.325 | 3.703 | 52.8   | -1.013 |
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| 6/20/2007 8:55 | 124.105 | 3.702 | 52.835 | -1.015 |

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| 6/20/2007 8:55 | 124.441 | 3.705 | 52.798 | -1.007 |
| 6/20/2007 8:55 | 124.833 | 3.703 | 52.786 | -1.011 |
| 6/20/2007 8:55 | 125.224 | 3.703 | 52.844 | -1.012 |
| 6/20/2007 8:55 | 125.559 | 3.703 | 52.801 | -1.012 |
| 6/20/2007 8:55 | 125.949 | 3.705 | 52.815 | -1.008 |
| 6/20/2007 8:55 | 126.153 | 3.704 | 52.826 | -1.009 |
| 6/20/2007 8:55 | 126.358 | 3.706 | 52.826 | -1.005 |
| 6/20/2007 8:55 | 126.562 | 3.703 | 52.798 | -1.012 |
| 6/20/2007 8:55 | 126.953 | 3.704 | 52.85  | -1.011 |
| 6/20/2007 8:55 | 127.288 | 3.705 | 52.806 | -1.008 |
| 6/20/2007 8:55 | 127.68  | 3.705 | 52.801 | -1.007 |
| 6/20/2007 8:55 | 128.086 | 3.704 | 52.843 | -1.01  |
| 6/20/2007 8:55 | 128.42  | 3.705 | 52.804 | -1.008 |
| 6/20/2007 8:55 | 128.811 | 3.704 | 52.787 | -1.009 |
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| 6/20/2007 8:55 | 129.929 | 3.705 | 52.781 | -1.008 |
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| 6/20/2007 8:55 | 130.656 | 3.707 | 52.795 | -1.003 |
| 6/20/2007 8:55 | 131.049 | 3.705 | 52.782 | -1.008 |
| 6/20/2007 8:55 | 131.439 | 3.706 | 52.839 | -1.006 |
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| 6/20/2007 8:55 | 132.166 | 3.706 | 52.781 | -1.006 |
| 6/20/2007 8:55 | 132.556 | 3.708 | 52.831 | -1.001 |
| 6/20/2007 8:55 | 132.891 | 3.706 | 52.798 | -1.004 |
| 6/20/2007 8:56 | 133.282 | 3.707 | 52.782 | -1.003 |
| 6/20/2007 8:56 | 133.673 | 3.706 | 52.831 | -1.005 |
| 6/20/2007 8:56 | 134.008 | 3.707 | 52.793 | -1.004 |
| 6/20/2007 8:56 | 134.4   | 3.707 | 52.779 | -1.002 |
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| 6/20/2007 8:56 | 135.519 | 3.706 | 52.782 | -1.005 |
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| 6/20/2007 8:56 | 137.026 | 3.708 | 52.828 | -1.001 |
| 6/20/2007 8:56 | 137.361 | 3.707 | 52.791 | -1.002 |
| 6/20/2007 8:56 | 137.753 | 3.708 | 52.774 | -1.001 |
| 6/20/2007 8:56 | 138.144 | 3.707 | 52.837 | -1.002 |
| 6/20/2007 8:56 | 138.493 | 3.707 | 52.788 | -1.002 |
| 6/20/2007 8:56 | 138.885 | 3.708 | 52.776 | -1.001 |
| 6/20/2007 8:56 | 139.275 | 3.706 | 52.823 | -1.006 |
| 6/20/2007 8:56 | 139.611 | 3.708 | 52.793 | -1     |
| 6/20/2007 8:56 | 140.003 | 3.708 | 52.773 | -1     |

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| 6/20/2007 8:56 | 140.394 | 3.707 | 52.83  | -1.004 |
| 6/20/2007 8:56 | 180.06  | 3.717 | 52.536 | -0.979 |
| 6/20/2007 8:57 | 240.167 | 3.727 | 52.427 | -0.958 |
| 6/20/2007 8:58 | 300.001 | 3.733 | 52.359 | -0.943 |
| 6/20/2007 8:59 | 360.001 | 3.736 | 52.328 | -0.935 |
| 6/20/2007 9:00 | 420.143 | 3.741 | 52.29  | -0.925 |
| 6/20/2007 9:01 | 480.098 | 3.741 | 52.285 | -0.924 |
| 6/20/2007 9:02 | 540.112 | 3.746 | 52.208 | -0.913 |
| 6/20/2007 9:03 | 600.001 | 3.747 | 52.198 | -0.911 |
| 6/20/2007 9:04 | 660.001 | 3.749 | 52.188 | -0.906 |
| 6/20/2007 9:05 | 720     | 3.751 | 52.075 | -0.9   |
| 6/20/2007 9:06 | 780     | 3.753 | 51.985 | -0.896 |
| 6/20/2007 9:07 | 840     | 3.753 | 51.931 | -0.897 |
| 6/20/2007 9:08 | 900     | 3.756 | 51.902 | -0.89  |
| 6/20/2007 9:09 | 960     | 3.757 | 51.878 | -0.887 |
| 6/20/2007 9:10 | 1020    | 3.758 | 51.862 | -0.885 |
| 6/20/2007 9:11 | 1080    | 3.759 | 51.841 | -0.884 |
| 6/20/2007 9:12 | 1140    | 3.762 | 51.835 | -0.876 |
| 6/20/2007 9:13 | 1200    | 3.761 | 51.814 | -0.878 |
| 6/20/2007 9:14 | 1260    | 3.762 | 51.809 | -0.876 |
| 6/20/2007 9:15 | 1320    | 3.764 | 51.797 | -0.872 |

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