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## SUPPLEMENTAL TECHNICAL BULLETIN ST – 2006 – 11

**Title: PAP- 8E Event Log**

**Bulletin No: ST-2006-11**

This Supplemental Technical Bulletin (ST) has been developed as a service aid. This ST does not alter, revise or change the information provided in the Operation's Manual included with each product. This procedure is to be performed only by authorized trained technical personnel.

### PAP- 8E Event Log

The PAP-8E Event Log records the operational data of the analyzer during operation. This data is collected to allow a series of events to be reviewed to evaluate and diagnose the function of the analyzer. Typical information recorded is:

1. Blank values; DAC measurements.
2. 100% Optical voltage transmissions of the sample.
3. Error codes that may have occurred.

Print out the Event Log from the PAP-8E in question. Submit the Event Log to Bio/data Corporation by Fax # (215)-443-8820 or E-mail to [customer.service@biodatacorp.com](mailto:customer.service@biodatacorp.com) for evaluation. This will expedite the response to your inquiry. Include the Serial Number of the instrument with the Event Log.

1. Click – Start PAP-8E icon
2. Click – Continue
3. Click – Sign-In
4. Enter in Operator space – BDC
5. Click on Password Enter – BDC
6. Click – Enter
7. Wait until System Status says – “Ready” (warm up may take up to 15 minutes)
8. Click – Setup
9. Click on Service Code
10. Type in – 250
11. Click - Enter

If you ran the tests in question today, do this to print today's "Event Log":

- Enter 250 in the "Service Code" window and click "Enter"

If you ran the tests in question before today, do this to print a previous days "Event Log":

- Enter 93yyymmdd in the "Service Code" window and click "Enter"

yy= the year, mm=the month, dd=the day.

Example: 93060115 will print the list for January 15, 2006

## Event Log

The following is an example of an Event Log:

2006-09-18

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File Start: 09/18/06 08:09:13 (Typical data description)
Software Version: 1.0.7
09-18-06 08:09:13 Numerical Mode = US
09-18-06 08:09:14 Block ID: 0107 (Serial Number of unit)
09-18-06 08:19:36 FAN=ON
09-18-06 08:19:38 Upgrade_1041-5() (Is executing upgrade code for database revisions 104 and 105)
09-18-06 08:19:39 Upgrade_106() (Is executing upgrade code for database revision 106)
09-18-06 08:19:41 Duplicate Event (Repeat "FAN=ON" message)
09-18-06 08:33:36 Setup Test Type: ADP
09-18-06 08:43:40 Blank Set: Ch:1 DAC:2950 (D/A converter value for blank (PPP) channel1)
09-18-06 08:43:40 Blank PPP: Ch:1 V:6.76 (Preset voltage for blank (PPP) channel 1)
09-18-06 08:43:51 Blank Set: Ch:2 DAC:3140 (D/A converter value for blank (PPP) channel 2)
09-18-06 08:43:51 Blank PPP: Ch:2 V:7.08
09-18-06 08:44:02 Blank Set: Ch:3 DAC:3087
09-18-06 08:44:02 Blank PPP: Ch:3 V:7.25 * Voltage for sample (PPP) channel 3
09-18-06 08:44:14 Blank Set: Ch:4 DAC:3053
09-18-06 08:44:14 Blank PPP: Ch:4 V:6.92
09-18-06 08:46:06 Blank prp: Ch:1 V:4.18 (Voltage for sample (PRP) channel 1)
09-18-06 08:46:11 Blank prp: Ch:2 V:5.44 (Voltage for sample (PRP) channel 2)
09-18-06 08:46:12 Blank prp: Ch:1 V:4.26
09-18-06 08:46:20 Blank prp: Ch:3 V:7.24 * Voltage for sample (PRP) channel 3
09-18-06 08:46:20. ERROR: Buffer Overrun Proc: 1
09-18-06 08:46:20. ERROR: No serial response from block in ACK_ Timer 0 Last_ Xmit=:1E79
*09-18-06 08:46:20. Error Blank_Set Problem. Block :1 Chan: 3 PPP: 7.25 PRP: 7.24

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The D/A converter adjusts the offset voltage so that the blank (PPP) is always at 7.00V +/- 0.25.  
The sample voltage PRP then is relative to the blank PPP voltage.