

February 18, 2010

Hi Andrew,

Bob Barger has completed checking the calibration of PT-83, the 0 to 300 psig pressure transmitter that senses the internal bubble chamber pressure. The accuracy listed by NOSHOK is +/- 0.25% of full scale or +/- 0.75 psi. http://www.noshok.com/submersible_612_series.shtml

I interpret the calibration data as meaning that we can trust the calibration to at least that level if not better. The data indicates it is probably +/- 0.15% of full scale or +/- 0.45 psi.

The calibration data is attached. Bob first did serial number 2925490 which is the pressure transmitter that was mounted on the mechanical prototype. Then today, he did serial number 2925491 which is the transmitter that will be attached to the high purity bubble chamber by Mark and myself tomorrow.

Details are included in the spreadsheet as well as a copy of the catalog page for the transmitter as a second page. I created a note in DocDB.

Sincerely,

Russ Rucinski