

3000?? - DMO Support - Ventana

Week 16

1. Kent Headley
 - a. Worked ROV pilots and Thom on validating valve pack controller board and troubleshooting sampler closure delay. After disassembling a solenoid (fascinating!), the hypothesis is that under low temp/high pressure, the channels in solenoid for enabling fluid displacement when it moves may be too small. DMO thought they'd try opening the channels to see if it helps. The delay could not be reproduced in air.

Week 14

1. Kent Headley
 - a. re-tested delay through Wago stack (modbus write coil :: actuation), looks like < 15 ms

Week 13

1. Kent Headley
 - a. Worked with Thom and DJ and measured Wago stack delay

Week 12

1. Kent Headley
 - a. Looking at controller board actuation signals for potential delay

Week 11

1. Kent Headley
 - a. helping DJ with valve pack bench testing
 - b. Thanks to Thom for bridging while I was out

Week 10

1. Kent Headley
 - a. Ventana valve pack controller board bringup.
 - b. Worked with DJ and technical support group to recover information about the valve controller hardware and software, previously maintained by Dave French
 - c. programmed the boards and brought them up
 - d. documenting location of drawings, software and procedures