

LMG ET (Contractor)

From: et@lmg.usap.gov
Sent: Saturday, September 21, 2013 4:47 AM
To: et@lmg.usap.gov
Subject: Oxygen System Weekly Maintenance: Sat Sep 21 04:47:01 GMT 2013

Oxygen System Weekly Maintenance

Date: Sat Sep 21 04:47:01 GMT 2013

If the Oxygen system in the Hydro Lab has been run any time since last weekend (and it probably has), today you need to:

1. Connect to the oxygen instrument using RDP
 - o click STOP in main window
 - o close program with (red X)
2. [Swap out the O2 system moisture trap](#) and note new trap positions
 - o new trap "#", now in chiller: 3
 - o old trap "#", now in dryer: 2
3. Open the right side of the cylinder box and note the high-side and low-side regulator pressures
 - o HS 700 / 3
 - o MS 1200 / 3
 - o LS 500 / 3
 - o LT 1400 / 3
 - o WT1 100 / 3
 - o WT2 1700 / 3
4. Email those pressures to Britt Stephens (stephens@ucar.edu) and Andrew Watt (watt@ucar.edu)
5. Ideally, all six low side cylinder pressures read 2.5 +/- 0.5 psig. Note any outliers in your email
6. Close up the cylinder box
7. Copy all new data files (*.mr and *.hr from DesktopData) to the USB drive
8. Confirm PC time is syncing with GMT time
9. Restart program with go2.exe shortcut on desktop
10. Click 'Enter in AutoRun' when prompted
11. Confirm no USB errors - note otherwise
12. Log the event in the Cruise Data Report

This is an automated message from /usr/local/admin/oxygen/weekly_maint