

4/9/2024

PACE-PAX All Hands Tag Up



NOTES

- Review Risk Table: <https://nasagov.box.com/s/eii8ui1j8q8cz3ffv77iacosxf9dw470>
 - AirHARP: not present
 - RSP: pursuing a liquid coolant backup. **ACTION**: Ken to follow up with Brian re: LN2 generator? LN2 can also be ordered and delivered via local gas companies.
 - LARGE: C-130 will be used to transport LARGE equipment back from Thule (ARCSIX) to US which prioritizes shipment; the team has received a rack at LaRC from AB which they will pre-populate as much as possible prior to mission.
 - Twin Otter: no major updates
 - Working on the tower clean up and antenna concerns (cellular equipment?) with airport management. There is a backup plan to use a trailer if tower access fails, however, the best option is for LARGE to operate ground instrumentation from the tower.
 - AB will be meeting today with aircraft mechanic to estimate TO payload weight
 - NASA reviews will happen late summer, SN is drafting those documents
 - Shearwater: no updates
 - SPEX Airborne: continuing to work on the Single Board Computer issue. New solid state disk has been procured and will be mounted on the computer in a different way. The team is waiting for a part to arrive and is confident that this will resolve the issue (and likely retire their first risk). Developed a workaround to start integration tests for the entire system, testing new software, and calibrating the instrument. Developing second calibration plans at Ames shortly before the campaign
 - LI Neph: not present
 - Instrument heating concerns will be tracked under the ER-2 tab (HSRL-2, PRISM, PICARD).
 - Thermal blankets: can be provided by the ER-2 team for the nose of the aircraft only
 - FOD concerns
 - A/C carts in the hangar and on the pad - Tyler has verified equipment inventory and usage in past campaigns, sees no concerns. Some hoses, valves, and other fittings may need to be procured. The designs are in the works.
- Leadership is planning a site visit to Edwards AFB on May 23-24
- **ACTION: Create a list of instrument folks who may need to shuttle over to Pad 4 - this plan requires ER-2 crew to transport the science team between hangar and pad**

- Discuss refractive index products from the LI Neph - tabled until next meeting
- Travel waiver
 - PACE-PAX is covered for FY24 for Extended Temporary Duty (ETDY) for up to 60 days CONUS. This is per trip, not 60 days cumulative within FY24.
- Registration
 - Will send email (Wed) & open registration in the ESPO database (Thurs)
 - We will be collecting information for travel dates and PII for Edwards AFB access
 - **ACTION: Ivona will be sending an email to the ocean scientists reminding them to forward their crew list. These participants will be added after the initial round of registration.**
- Mission Tools Suite (MTS)
 - Please send an email to Judy or Sommer if you need access.
<https://mts2.nasa.gov/view/login>
 - What additional products should be ingested?
 - Fluid products (Rei)
 - GOES (Kirk needs to verify)
 - PACE swath
 - MTS tracking devices to go to R/V Shearwater and R/V Blissfully - ESPO has received them and will ship
 - Aaron Duley has confirmed that the TO data can be ingested through ADS-B and does not require a tracker
 - Ivona will check with Stephane to see if we should get a third tracker for his UCSB rapid response operations

Other

- Sebastian will have a student deploying and has concerns about supplying USA medical clearance to fly aboard the TO. AB will forward info. The FN student will need access at Edwards and Marina.