

7/23/2024

PACE-PAX All Hands Tag Up



AGENDA

- Outreach - [Brenna Biggs](#)
 - Virtual Outreach in the works
 - Brenna can assist you with engaging with students if you need the help
 - K-12 Students (sometimes universities). Brenna will concentrate on virtual presentations, but needs science volunteers. This would be a limited commitment on your part (5-minutes). Great opportunity for early career scientists.
 - Social Media is handled by [Sofie Bates](#) and/or [Jocelyn Argueta](#).
 - PACE-PAX outreach will also fall under the larger PACE umbrella.
- Status Updates
 - Leadership
 - HSRL-2 may not operate in 2508 airspace due to challenges with Air Force permissions. **Tyler L. advises that there will be a meeting with Edwards next week re: obtaining permissions; expect an update next week.**
 - We will be putting together some mission rules. Anyone operating out of Edwards who has concerns, please contact Brian, Kirk, Ivona.
 - [Planet would like to utilize our observations to help validate a new series of satellites.](#)
 - ESPO
 - **Update your registration** - this action is critical for your ability to access Edwards. We strongly encourage you to verify your travel dates - if you haven't updated your information in the last few weeks, please take 5-minutes to do so now.
 - Hydrazine Level 2 training is now available on SATERN for PIV card holders. This is required training for Edwards 4802 hangar access. SATERN Course AFRC-HL2T and once completed NAMS request for 4802 Hangar (ID229098). Non-PIV holders can get training on their day of arrival.
 - [JPL folks cannot access the training on SATERN. ESPO will provide one virtual session. Please reach out to \[judy.alfter@nasa.gov\]\(mailto:judy.alfter@nasa.gov\)](#)
 - Global Foundation for Ocean Exploration film team will no longer be able to support PACE-PAX
 - Room blocks closing soon
 - 7/21 Lancaster TP Suites
 - 7/31 Lancaster RI
 - 8/4 Monterey
 - 8/12 Santa Barbara

- PACE-PAX T-shirts available for order through 7/31
<https://nasapacepax.itemorder.com/shop/sale/>

- Flight Planning & Weather Forecasting
 - New forecaster joining team: Leslie Lait, GSFC. He will join remotely.
 - Input on flight planning with ocean assets, etc.:
 - Files for 2 previous dry runs
 - VTM with flight planning documents. Review and make suggestions to management.
 - There will be a large Navy exercise taking place during the PACE-PAX deployment (mid-September ~Sept 16-27) near the Twin Otter operations area. Sam has his eyes on this activity. Could be a good plan to start collecting science over the ocean early in the campaign.
- Ocean
 - Some team members visited the R/V Shearwater on 7/16 to physically plot the payload and discuss onboard duties
 - UCSB Rapid Response team may support ER-2 flight the end of August (8/28 or 8/29) if integration goes well
 - ECOHAB - teams from MBARI, Scripps, Stanford will also be operating in Monterey Bay the same time as us. Ivona is exploring synergies with this group. Will include 2-3 more platforms and possible MTS ingestion.
 - We can share flight plans via the PACE-PAX data archive <<https://www-air.larc.nasa.gov/cgi-bin/DocXhg/PACEPAXDocs#ShowAll>> - but this will require a password to access.
- ER-2 & Instrument Teams

PACE-PAX Schedule

mon	tue	wed	thu	fri	sat	sun
26 Create Flight Plans	27 Check Flight	28 Backup Check Flight	29 Science Flight #1	30 Submit SF#2 Flight Plan	31	1
2	3 Science Flight #2	4	5	6	7	8

- - Lab update: complete, but much smaller space than Bldg. 703. A few instrument teams will set up in the hangar. Dedicated conference space in 1720 (ASP lab). Other space available in Ken Iliff room.
 - If integration goes well, we may have a science flight on 8/28 or 8/29. Check flight would be before.
 - Schedule will be a deployment in place, straight 8s from 9/3 to end of September.
 - **9/3 could be a science flight with interesting opportunities. Instrument teams should be prepared to support. FFP have confirmed that they can support. SPEX needs to confirm.**

- Edwards will be closed on 8/30, and it is a 3-day weekend (Labor Day).
- **There is some construction taking place within 4802. Be prepared with PPE for potential loud noise from jack hammers. You can set up in the Ken Iliff room if you don't need to work on your instrument. Tyler L. will observe for dust and report back.**
 - AirHARP: not present
 - HSRL-2: continuing to prep, performing software updates, will ship soon
 - PICARD: in prep mode
 - PRISM: getting ready for prep/installation procedures. Will have a team on the ground ready for calibration in Ivanpah around the first week of September (this would be in addition to the Railroad Valley vicarious calibration), calibration in hangar is being planned
 - RSP: no updates
 - SPEX: most of instrument shipped, optical components being calibrated
 - NSRC: no updates
- Twin Otter & Instrument Teams
 - Confirmed that the Twin Otter will also potentially fly on weekends in September
 - TO: Sam L. is working up flight boxes for the Twin Otter, and he will send to the pilots for review (re: airspace restrictions and congestion). TO is performing maintenance, working on paperwork to get guest instruments onboard.
 - LARGE: rack is being built with items not deployed for ARCSIX - looking good
 - LI-Neph: not present
- [Risk Table](#) Updates
 - **Please review and report any updates**
 - **We will have an All Hands dedicated to a run through of the Risk Table - likely next week if there is time**
- Other
 - 9/21 Joby Aviation to host Women in Aviation event and have extended the opportunity to PACE-PAX at Marina Airport. We could fly on a Saturday and it would impact our ability to participate. Ivona can appoint a few folks to support whether or not we fly. We will plan to participate with TO tours but flying could change this status.