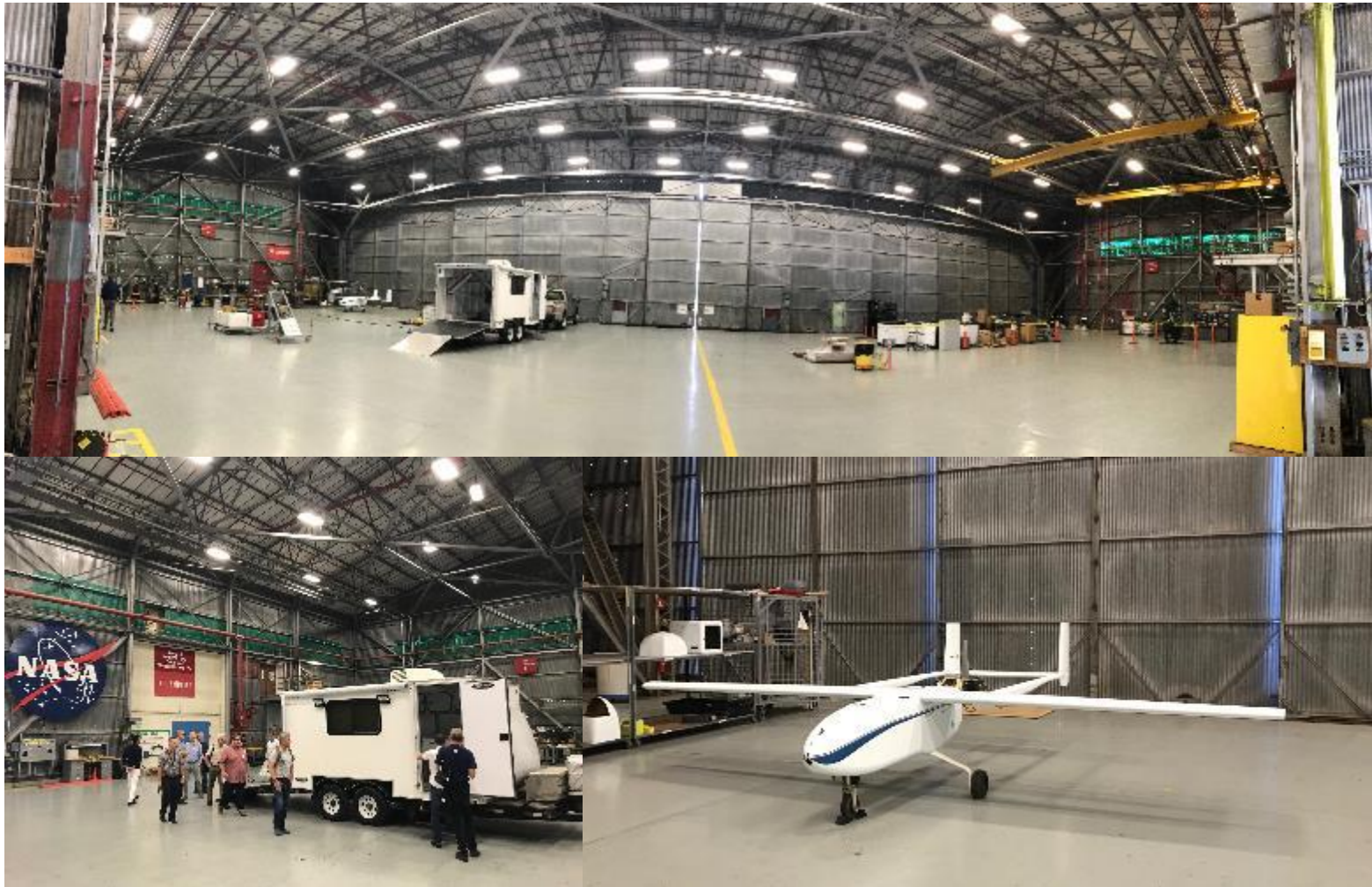




Scientific Committee for Oceanographic Aircraft Research UNOLS SCOAR

*Report to the UNOLS Membership
November 2, 2018*

**Luc Lenain
Scripps Institution of Oceanography
San Diego, CA**



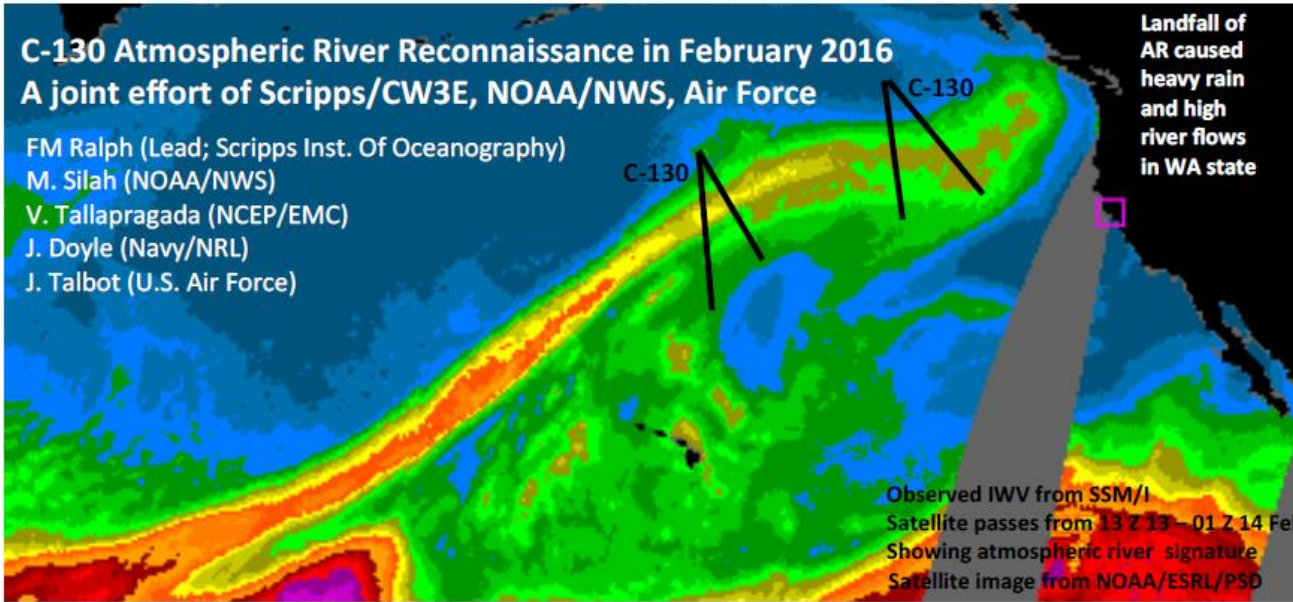
Selection of presentations available on the SCOAR website:
<https://www.unols.org/committee/scientific-committee-oceanographic-aircraft-research-scoar>

Primary objectives:

- Complete the final draft of the Unmanned Aerial Systems (UAS) Operations from UNOLS Ships: Operator's Handbook and discuss needed revisions to the Research Vessel Safety Standards (RVSS) Chapter on UAS Operations (Chapter 19)
 - Discuss future role of SCOAR for the NPS Research Twin Otter facility
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- Federal agency reports (USCG, NOAA UAS and Aircraft programs, NASA, NPS, NSF and ICCAGRA)
 - Science presentations from various research institutions
 - International participation (CNRS/Meteofrance) and review of the International Society for Atmospheric Research using Remotely Piloted Aircraft (ISARRA, <http://www.isarra.org/>)

C-130 Atmospheric River Reconnaissance in February 2016 A joint effort of Scripps/CW3E, NOAA/NWS, Air Force

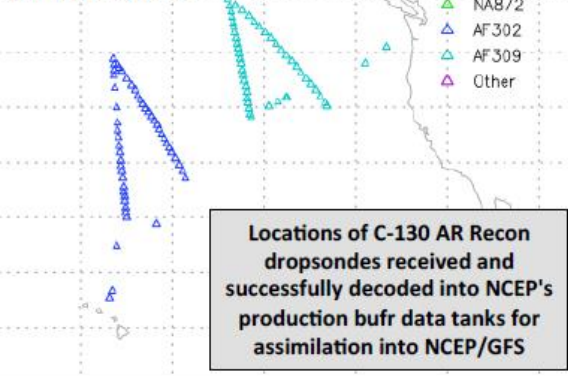
FM Ralph (Lead; Scripps Inst. Of Oceanography)
M. Silah (NOAA/NWS)
V. Tallapragada (NCEP/EMC)
J. Doyle (Navy/NRL)
J. Talbot (U.S. Air Force)



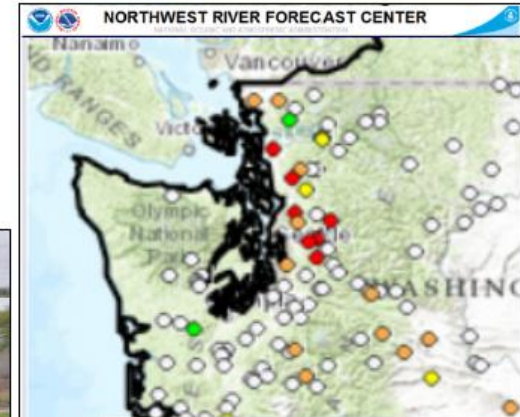
**1st C-130 AR Recon Mission
13-14 Feb 2016**

Dropsondes released for the
0000 UTC 14 Feb 2016
GFS data assimilation window

14 Feb 2016



Center for Western Weather and Water Extremes



NWRFC flood forecast map as of 1500 UTC 15 Feb showing several rivers predicted to reach flood stage on 15-16 Feb (red dots)

Current Membership:

David Fisichella – WHOI

Luc Lenain – SIO

Hanumant Singh – NEU

Mike Starek – TAMU

Chris Zappa – LDEO

Steve Hartz – UAF (RVTEC Rep, ex-officio)

Hafliði Jonsson – NPS (ex-officio)

Roy Woods – NPS (ex officio)

Raph Kudela's term ended this year after two terms.

We will be seeking nominations and applications for one new committee member shortly.