



SOCCOM

*Unlocking the mysteries
of the Southern Ocean*



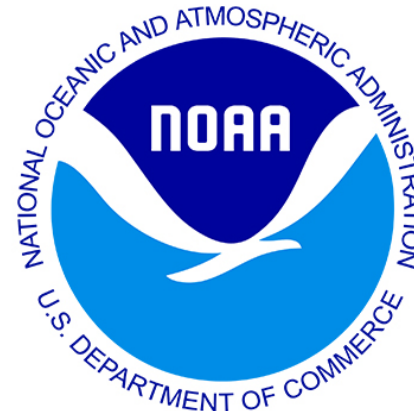
GO-BGC

Global Ocean Biogeochemistry Array

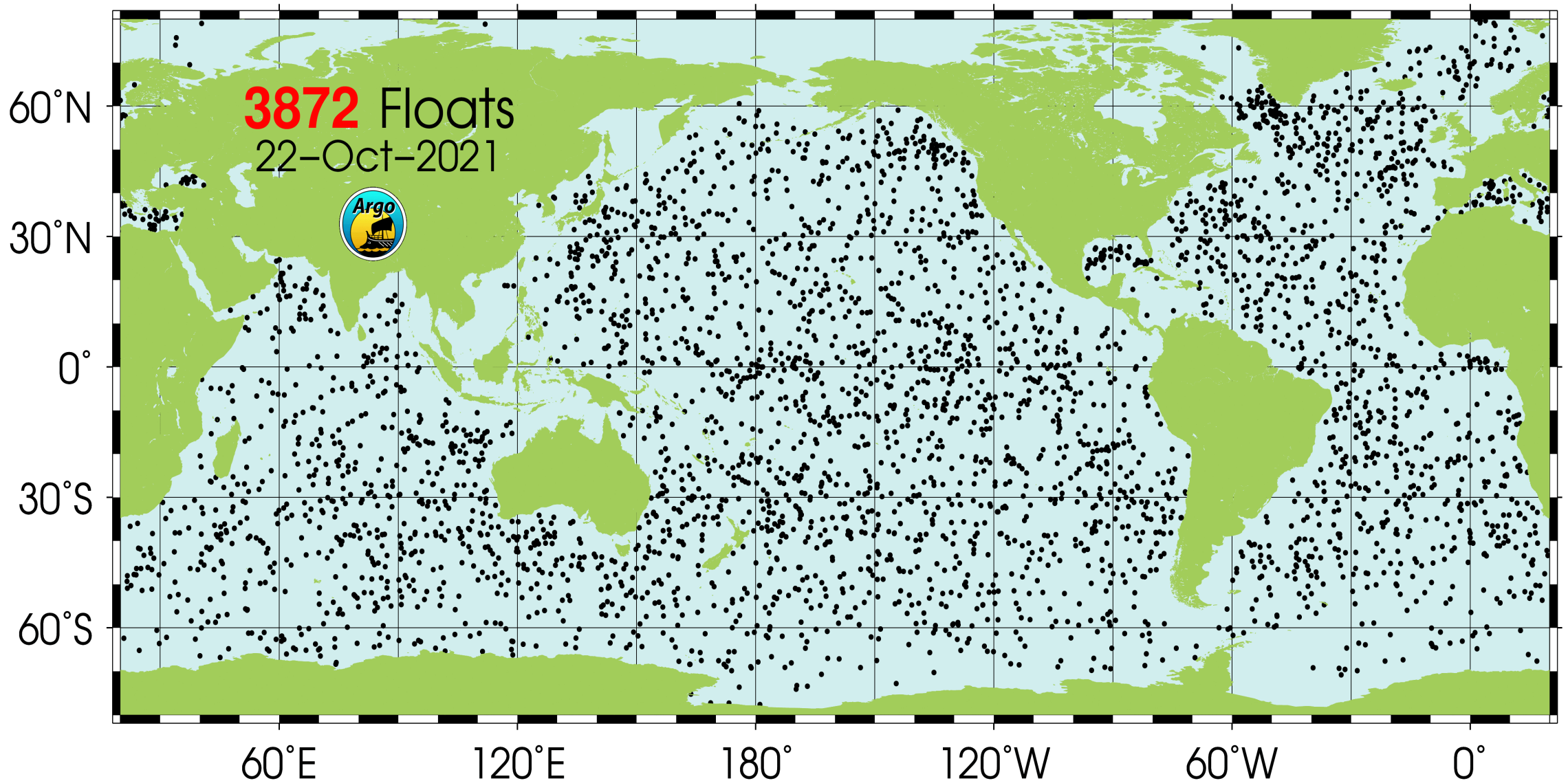
SOCCOM/GO-BGC Float Deployments

Rick Rupan

University of Washington



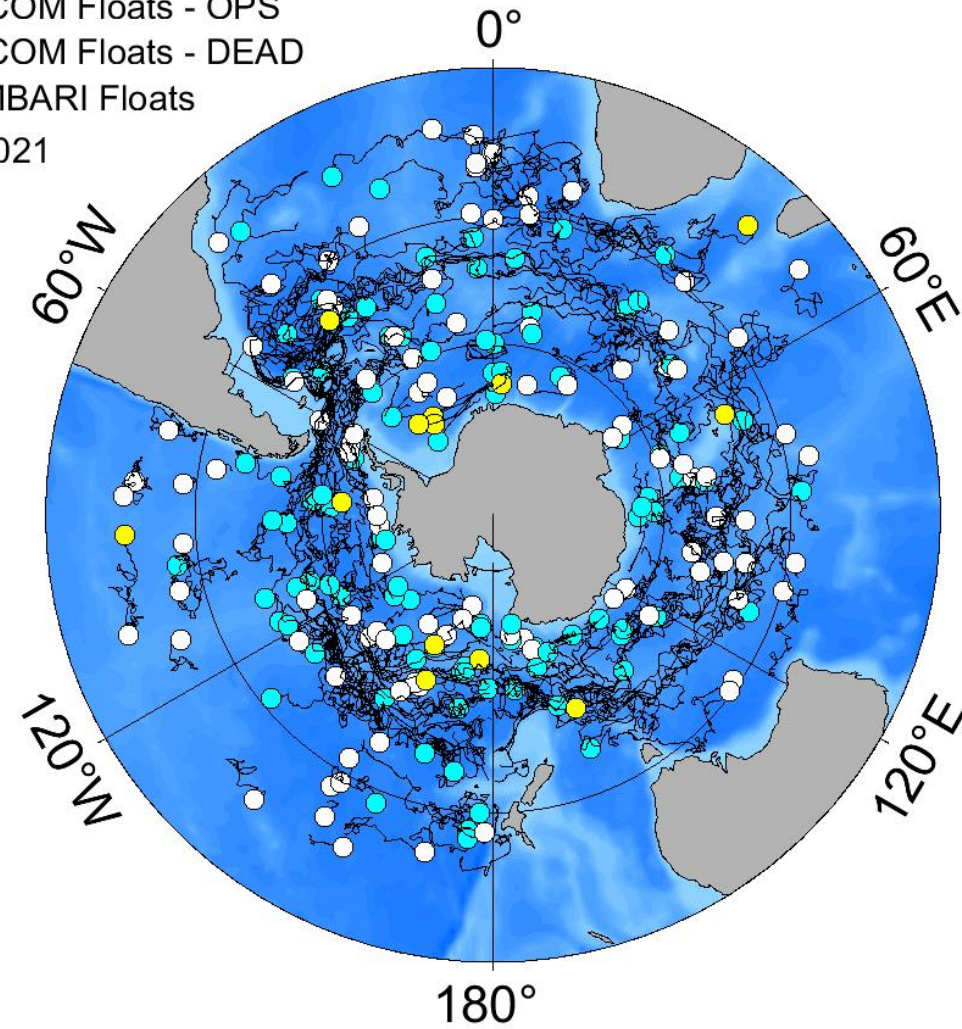
Argo Thanks you for help!



SOCCOM Thanks You!

- SOCCOM Floats - OPS
- SOCCOM Floats - DEAD
- UW/MBARI Floats

22-Oct-2021



ARGO vs SOCCOM/GO-BGC



ARGO
25 KG
5' Tall
CTD

SOCCOM/GO-BGC
30KG
6' Tall
CTD
Oxygen
PH
Nitrate
Optical Backscatter
Fluorescence
irradiance



SOCCOM/GO-BGC.

- Key Personnel

- PI's

- Ken Johnson **MBARI**
 - Lynne Tally/Sarah Purkey **SIO**
 - Steve Riser /Alison Gray **UW**
 - Susan Wijffels/Roo Nicholson **WHOI**
 - Andrea Fassbender **PMEL**

- Ship Board Science Lead

- Susan Becker **SIO**



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How do SOCCOM/GOBGC Floats end up on cruises?

- 1. Lynne Talley will contact Chief Scientist if it is a schedule cruise or if it's a transit Lynne will contact Marine Ops Manager.
- 2. Each float group will arrange shipping to port either with ship agent (Int'l) and Ship techs.
- 3. Susan Becker will contact ship techs if on board sampling is being done.



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SOCCOM/GO-BGC Float Techs

- WHOI
 - Ryan Andreson
- PMEL
 - Elizabeth Steffan
 - Chanelle Cadot
- University of Washington
 - Rick Rupan
 - Dana Swift
 - Greg Brusseau
 - Andrew Meyer



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How to Deploy a SOCCOM/GO-BGC Float

