



Adopt-a-Float Newsletter

Welcome to the Adopt-a-Float program! We are looking forward to having you join us as we watch the floats on their journey through the ocean. We still have floats available for adoption for both programs (SOCCOM and GO-BGC)

Date: August 16th, 2021

Number of Floats Deployed: 14 SOCCOM and 12 GO-BGC

Float of the Month!

There was a great blog posted for the R/V Roger Revelle SOCCOM cruise in early 2021 - <https://socomatsea.blogspot.com/>.

We are getting set to launch a large number of floats for both GO-BGC and SOCCOM over the next few months. I'll be sending out a newsletter each month with updates.

Problems?

2020-21 was an odd year and opportunities to launch floats were few and far between. We were able to get 14 SOCCOM floats and 12 GO-BGC floats launched.

Of the 14 SOCCOM floats, we had one disappear after launch (*Tigger*) which was a shame as it has a great launch video.

Of the 12 GO-BGC floats, one failed on launch (*Lewisburg Eel Express*) and some of the others have had some problems. *Weddell* has a bad pH Sensor and *Europa* has a bad oxygen sensor. *Comets* and *The Flysch* were not ballasted for where they were launched and they are currently unable to get to the surface but we are hopeful that they will break thru soon.

News

- Brand new activities and guides are now online thanks to Emma Monson, Univ. St. Paul, MN who was the GO-BGC intern this summer (and who created this newsletter template).
- New paper just released! - read the article here about how profiling floats can provide important insight into ocean primary productivity on a global scale. Data from these floats can be used to improve computer modeling of Earth's carbon cycle, climate change predictions, and ocean health - <https://www.mbari.org/observing-global-ocean-productivity>

Find your float information here: http://go-bgc.ucsd.edu/GOBGC_Adopt-a-Float.html

Find resources here: <https://www.go-bgc.org/outreach/lesson-plans-activities>

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GO-BGC

Global Ocean Biogeochemistry Array