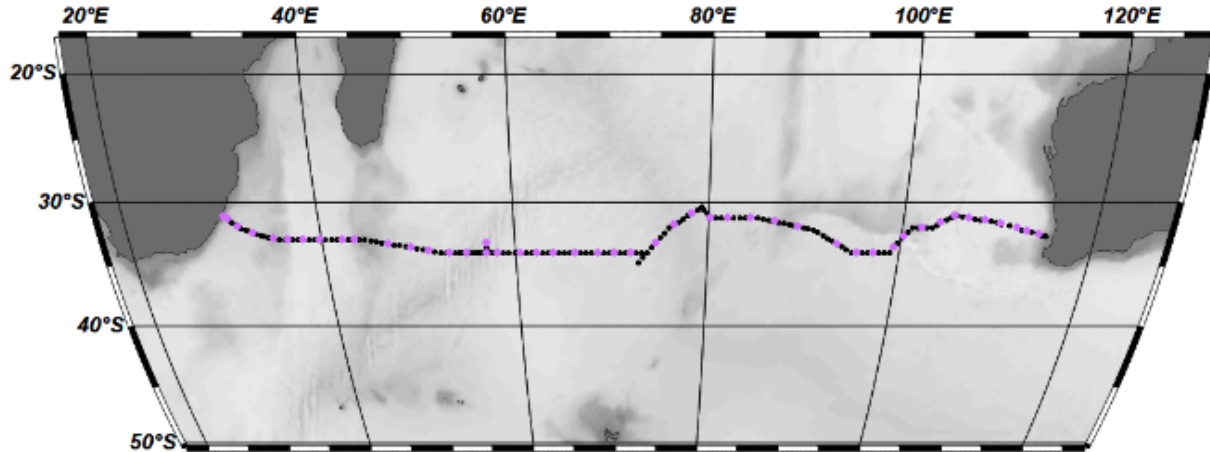
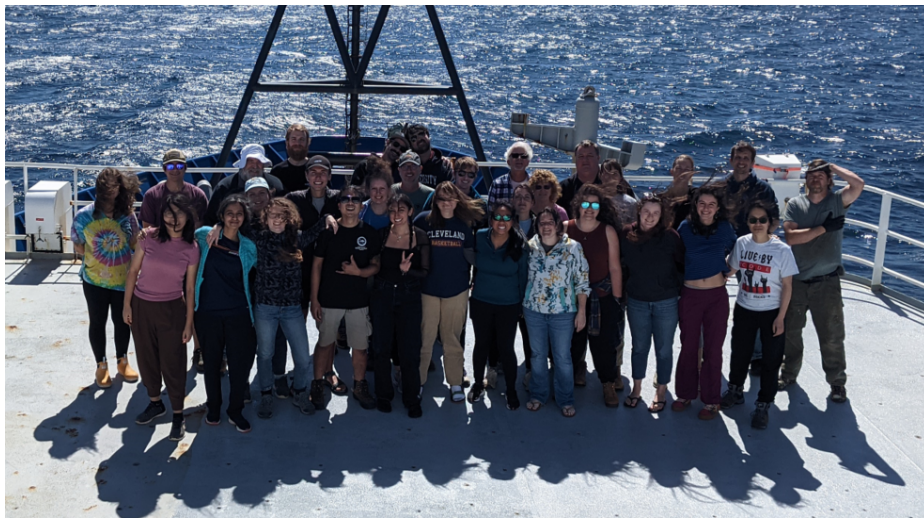


I05_2023 Update 9/16/2023

Update 7 of 7



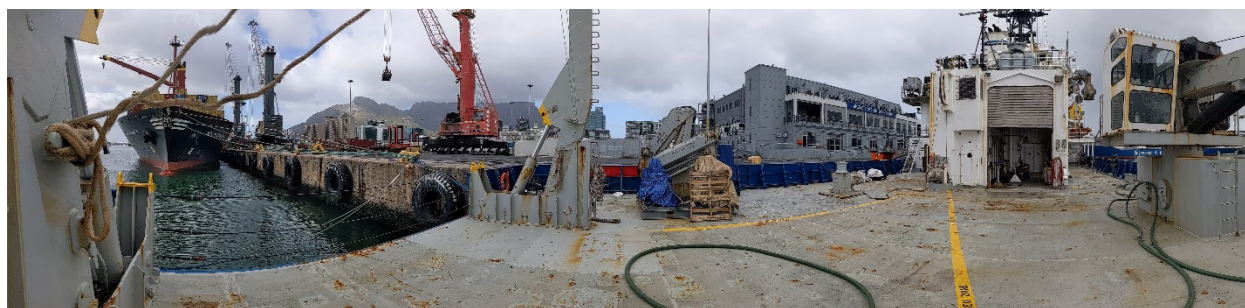
Demobilization is complete with every item and every person heading home or where they need to be. We celebrated the success of the cruise last night, and now people are making the most of their time in port or are rushing home to return to their classes, family members, pets, obligations, hobbies, etc. It has been a fortunate, successful, and mostly enjoyable cruise with a great bunch of people.



Unfortunately, the chief scientist thought it would be a good idea to take a backlit picture with a 20 knot (relative) tailwind. Apologies to everyone who had to battle with their hair while we took this.

We did indeed have a rough patch of weather during the first day and a half of the transit, and this made for slightly slower and bumpier going at first. We also took another big wave. The DIC container was hit this time. A full inspection will happen when the container returns to Seattle, but the damage so far seems to be small in comparison to the damage from the earlier wave that hit the CFC container. The spare rosette was also partially dislodged from the pallet beneath it, but the securing straps held. The rosette seems undamaged though the (disposable) palette beneath it was fractured. Some empty float crates were also partially crushed by the wave, though these crates were later disposed of in port as planned. Despite

this drama, we made it into port on time and had demobilization nearly complete on the 15th. The last truck arrived on the 16th and carted away the shipments that had been lined up at the edge of the Roger Revelle with lots of time to spare before mobilization begins for the next leg.



The aft deck of the R/V Roger Revelle, empty of all the gear that had adorned her for these last ~60 days. The iconic Table Mountain can be seen looming in the background, along with some of the buildings from the Cape Town skyline. Bonus points to anyone who can spot the two (well hidden) sleeping harbor seals in this picture.

With that, I'm signing off, and thank you to everyone who read these reports. The full cruise report will appear at cchdo.ucsd.edu just as soon as I can get back and upload the ~100 page document.

<i>Section Name</i>	I05
Expocode	33RR20230722
Occupation Name	I05_2023
UNOLS designation	RR2308
Chief Scientist	Brendan Carter
Co-Chief Scientist	Kay McMonigal
Dates	07/22/2023 to 09/14/2023 (55 DAS)
Ports of call	Fremantle, Australia to Cape Town, South Africa
Stations occupied	196, with 195 "bottle" casts and 50 "bio" stations
Equipment deployed	15 floats and 22 drifters