



GO-SHIP Committee

19 June 2023 at 14 UTC (slot 1) and 20 June 2023 at 7 UTC (slot 2)

Participants:

Slot1: Karen Stocks, Leticia Barbero, Yvonne Firing, Martin Kramp, Maribel Garcia-Ibanez, Katrin Schröder, Alonso Hernandez-Guerra, Alison Macdonald, Brendan Carter, Caroline Cusack, Elaine McDonagh

Slot2: Bernadette Sloyan, Mario Hoppema, Elaine McDonagh, Kats Katsumata, Masao Ishii, Lynne Talley, Martin Kramp, Are Olsen, Maribel Garcia-Ibanez

Apologies: Emil Jeansson, Kumiko Azetsu-Scott, Pascale Lherminier, Denise Fernandez

Agenda/Minutes

- [Draft ToRs](#) for GO-SHIP GDAC CCHDO (Karen)
 - o Reference to GLODAP required? Are will reach out to Toste/Siv (co-chairing), and CCHDO
 - o “Time after Bob” difficult, new staff coming in
 - o Best way to trigger data submission after cruises?
 - o Send reminder before cruise to identify contacts and variables
- National updates
 - o US:
 - I05 on track for taking place this summer, July-September (Fremantle, Australia to Cape Town, South Africa); includes Bio.
 - A16N just completed. Completed planned number of stations despite complications. Included Bio.
 - A13.5 (round 3) planned for next year (RV Martin Langseth). Consequence of smaller vessel: non-level 1 variables not TBD.
 - ARC01 NSF cruise in 2024. Not yet guaranteed. On Coast Guard vessel Healy. Dutch Harbor and Tromsø planned. If this does NOT work than I8S/I9N
 - o Australia: Steve Rintoul preparing I9 early Jan 2024; Bernadette leading proposal P15S for 2026, with NIWA support; associated line discontinued; SR3 2027 (ship time not requested yet)
 - o Spain: A25 at sea with France; Cruise was planned to tackle the western boundary that was pending from the previous re-occupation, unfortunately bad weather prevented them from re-occupying the missing stations. No ship time for trying again right now.
 - o UK:

- AR28 next summer
- Check minutes from last meeting/update google doc
- Currently developing ship time applications for next 5 years (2024-2029). Not sure how much resource will materialise but have been given a steer from a national consultation to expand UK contributions to GO-SHIP. Plan to include (as well as AR28) A09.5 and SR1b. Potential to include more, such as AR7E (if can coordinate with a full AR7W occupation), or another section we could help complete, or a “new” (WOCE) section. Also over the longer term looking for priorities for the following 5 years (in addition to A5).
- Italy: Katrin is (as co-PI) writing the ship time application together with GEOMAR (T. Tanhua, PI) to have access to METEOR or MARIA MERIAN and do the MED01 line in summer 2025. The OceanOPS ID has already been assigned (6VG78H003V). New Italian Ship with GO-SHIP capacities (RV Gaia Blu) will be operational starting from 2024.
- Ireland: A02 (planned for 2027); Working in EuroGO-SHIP to bring the annual repeat line (west of Ireland and across the S Rockall Trough) up to GO-SHIP level 1 standard (we are currently missing LADCP data collection on this line) - submitted a ship-time application to sample this line at the same time as the OVIDE line in 2025.
- Germany: Approved SR4-A12 2025, but focus A12 this time because of ship time limits impossible to sample both lines in single cruise; last full SR4 2022.
- Norway: No update
- Canada: Martin to reach out to Kumiko wrt AR7
- Japan:
 - Jamstec: Shiptime application for 2025 P4W occupation. P14N on track for Oct/Nov 2023. Mirai about to retire – new ship 2026?
 - JMA: P9 last year, next in about 5 years, P13 maybe in 5 years.

Slot 1 group agreed that review of initial WOCE array and discussion which lines that were not part of CLIVAR might be worth a reoccupation after 30 years would be good. Slot 2 group recommended that focus should be on present array. Regarding non-occupied lines, a follow up discussion is needed whether P3 and I3 should remain on map. I1 should stay. Feedback for UK (slot 1 question): you should target lines which are presently on map.

- EuroGO-SHIP update: Yearly Meeting next week: broader update in next session
- Feedback from [OCG-14](#)
 - [Data strategy](#)
 - GO-SHIP monitoring/metadata requirements: Review of metrics presented at OCG required, in working group with (ex-) GO-SHIP co-chairs and OceanOPS; GO-SHIP SC stressed that GO-SHIP is about “Quality, not quantity” and requires different view than eg Argo. The metrics as presented during the OCG, with often low performance from GO-SHIP, could be a threat for new funding initiatives and send a wrong and not appropriate message
- OceanOPS
 - Focus data mapping
 - Tutorial clips: [Update cruise metadata in OceanOPS](#)
 - Bibliography
- OSM: Committee meeting in Feb 2024 (Friday and Saturday before the meeting)
 - NOAA to help organize
 - Town hall proposed

- Session proposed
 - Next review paper planned
 - Guests to be invited: send suggestions to TC/Chairs
 - Volunteers for organizing committee: send suggestions to TC/Chairs
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- Update from DMT
 - Same cruise – multiple collection instruments/methods for same parameter: [suggested protocol](#) - no objections from participants
 - Kats started draft data directory update: <https://kkats.github.io/GO-SHIP-Data-Management/>
 - Latest from China in next call
 - N2O and CH4 approved as level 2 and level 3 respectively
 - Bernadette suggested subgroup for bottle data (salt, oxygen and nutrients) observing maintaining international collaborations developed by the SCOR Nutrients working group. – potential for this to be subgroup of steering group – potentially include input from GLODAP and Malcolm Woodward from EuroGO-SHIP – link to IOCCP. Group meets and potentially reports back to GO-SHIP and other interested groups like IOCCP.