



## GO-SHIP Committee Meeting

29 April 2020, 13-15 UTC

### Participants:

Committee Members: Katsuro Katsumata, Jae Hak Lee, Mario Hoppema, Rik Wanninkhof, Elaine Mcdonagh, Kumiko Azetsu-Scott, Martin Kramp, Penny Holliday, Caroline Cusack, Steve Diggs, Bernadette Sloyan, Maciej Telszewski, Greg Johnson (last part), Pascale Lherminier, Masao Ishii (after GLODAP meeting), Lynne Talley (last part).

Guests: Johannes Karstensen, Magali Krieger, Karen Stocks, Dominique Berod

Apologies: Are Olsen, Mike Williams

### Agenda/Minutes:

1. Reports from National Representatives, Focus [COVID 19 impacts on GO-SHIP](#) / [Cruise plans](#)
  - Norway: 75N next one under discussion
  - UK: 3 recently done, SR1b, A23, A5, cruises now suspended, future uncertain
  - Japan: JMA 40 N, Jamstec recently I7S, I8N (2019/20), future uncertain (P3W, P4W, P1)
  - Canada: no int. travel till September; AR7W (July-Aug), Davis Strait (Aug-Sep) and ARCO2(Sep) cruises are still scheduled to go. GO-SHIP associated line Line P still scheduled in summer and fall (spring cruise was cancelled). Discussion of a protocol for occupational health and safety for scientific cruises including COVID-19 influence (social distancing around CTD/Rosette, lab, cabin etc). In general, reduced cruise capacity (# of personnel on board and measured parameters) this year.
  - Germany: A12 and SR4 done in 2019, only partly due to medevac; cruise funded for A12 and SR4 in 2021/2022; MED01 done in 2018, data and [cruise report](#) available
  - Australia: The ship request for I9 was not successful. There are plans to resubmit the proposal in the next funding call. This will push back the planned occupation to 2023 and will also impact plans for reoccupation of P15. Updated plans now: IO9 Planned 2023. P15S Planned 2024. SR3 still planned 2027
  - Ireland: no impact through Covid because no A2 repeat planned in close future
  - Korea: no reg GO-SHIP line, annual cruises in Indian Ocean postponed ~6 months
  - France: A25 should have been 2020 (2year cycle), now hopefully 2021 (next cruise done by Spain, probably around June)
  - USA: I6 not fully done, A13.5 on Brown last minute cancelled in Cape Town, then steamed back to US (deploying floats and drifters but not more by crew), lockdown till min July. IO5 (Nov 2020) delayed indefinitely.
  - Spain: A10 COVID19-delayed pending ship schedule adjustment

## 2. Reports from Working Groups

- Aggregated GO-SHIP sections (Kats); catchy name needed for product, flyer. Should be in netCDF shortly at CCHDO and publication in journal. Definition/Selection of line names (initial vs repeat etc) and missing lines (eg A25/Ovide) as follow up action (reference list available in github archive). SC to provide feedback; congratulations from group for great progress
- Best Practices (deck/bottle operations, CTD manual) (Caroline)  
Two WGs are focused on best practices in repeat hydrography operations for (a) CTD/O2 and (b) Rosette Niskin-like bottle sampling. The team now meets on-line once a month to review progress and to discuss gaps/issues. At this time, text content of the CTD/O2 section is under review by the team and writing has begun on the section related to sampling from the Rosette Niskin-like bottles.

### **Special request to GO-SHIP committee members:**

Working group is looking for scientists to **share electronic copies of log sheets used for record keeping**, i.e., CTD operations; Water sampling log sheets; on-land Niskin-like bottle storage/maintenance log sheets (history). Lynne added that US can provide those used by SIO shipboard technical support.

Also **looking for really good examples of past cruise reports** that provide detailed information on operations at sea - what can go wrong? and the solutions to fix issues encountered. Lynne added that US can provide 'best of' recent cruise reports.

**Action for national Representatives:** Provide logsheets as used in your country, then Caroline can make an overarching version useable by all countries, starting with recent cruises. Also send best example of cruise report from nat. program. Lynne agreed post-meeting to take care of US input.

Congratulations from SC for great progress.

## 3. Report from JCOMMOPS

- [WMO reform](#) with [end of JCOMM](#) and [role of the Ocean](#) were presented by Martin and his new line manager in the new structure, Dominique Berod.
- Martin presented new tools and status of GO-SHIP-cruise metadata in JCOMMOPS system, including performance indicators (including [maps](#), but not only): [Screenshots](#). It was agreed that **individual calls between JCOMMOPS and national representatives** should take place **before the next call, to review latest completed and planned cruises**, and provide some training with the JCOMMOPS tools; **Martin will send a doodle poll**.
- [Bibliography](#): Martin requested **new publication links, SC to send as appropriate**.
- Status of [action items](#): Martin showed the new structure of the actions in the Trello board, which had been reviewed with the chairs ahead of the call. **Training with Trello** will also be provided **in the individual calls**, including definition of action item leaders from GO-SHIP 6 actions.

4. Report from Data Archives (Steve & Karen):
  - CCHDO Status (Steve); CCHDO has been working with the Argo to get the calibration casts at deep deployment locations into the RefDB as well as CCHDO. Not much movement on this topic and will take it up again at ADMT later this year.
  - CCHDO Oversight / Current Issues (Karen)
  - Link to presentation: [http://bit.ly/cchdo\\_go-ship\\_status\\_2020-04-29](http://bit.ly/cchdo_go-ship_status_2020-04-29)
  
5. Structure of [Science Committee](#) including [parameter expertise](#)
  - Elaine reminded the SC that based on the ToRs for the SC, all members should populate the parameter expertise table.
  
6. List and criteria for GO-SHIP associated line
  - Pascale reminded the group that **Pirata requested to be recognized as GO-SHIP associated line** and that the Pirata group is investigating if more deep casts would be feasible, at a limit of 4000m (which is the depth of French nke deep floats). **Feedback is required**, also from Argo experts, Lynne mentioned post-meeting that in her opinion, to the bottom is best because of deep Argo, to the extent that there could be a preponderance of associate line data compared with full G-S in some regions of large variability
  
7. [Salinometer](#) issues (Elaine, with guest Johannes Karstensen)
  - Based on request from OceanSITES chair and guest participant Johannes Karstensen, Elaine led a discussion regarding potential issues with salinometers. **The group will evaluate the need of a working group** to discuss items like batch number and diversity of instruments, manufacturer guidelines, collection of metadata, quality assurance and protocols; Bernadette raised that the instrument is chosen by the vessel operator, with being GO-SHIP just a small user.