



GO-SHIP Executive Group video conference

Date: 23 Sep 23:00 (Paris summer time)

Duration: 1 hour

Attendance: Bernadette Sloyan (Chair GO-SHIP), Rik Wanninkhof (Co-chair GO-SHIP), Elaine McDonagh (GO-SHIP Executive group), Takeshi Kawano (GO-SHIP Executive group), Martin Kramp (GO-SHIP project coordinator), Steve Diggs (CCHDO data manager), Jim Swift (CCHDO director), , Carolina Beyers (CCHDO data manager), Maciej Telszewski (IOCCP director)

Bernadette, Rik and Martin welcomed everyone to the meeting

i) Coordinator update

Martin reported that he was out of the office in July and August due to contractual issues. Since early September, he has a new coordinator contract with WMO. Within JCOMM, Candyce Clark retired and her former Observations Programme Area (OPA) duties are now shared by David Legler (NOAA Climate Observation Division) and David Meldrum (Scottish Association for Marine Science as Observations Coordination Group (OCG) co-chairs. Martin will report to the new OCG co-chairs regularly on GO-SHIP activities.

Martin presented the cruise planning as of 23 September (Appendix) and asked for regular updates from the community. A new dynamic table, based on the US hydrotable, will be integrated in the international GO-SHIP website, in cooperation with CCHDO. A new IT engineer has been hired at JCOMMOPS, Anthonin Lizé, who will support the joint CCHDO-JCOMMOPS data management tasks.

Action item: Martin and Steve, incorporate international dynamic table in GO-SHIP cruise plan page

Martin will draft a “GO-SHIP in a nutshell” document, with basic GO-SHIP requirements in terms of lines, density, full-depth, parameters, data availability and timeliness. The document will be reviewed by the EXG, then highlighted on the website and also be incorporated in the new international white paper.

Action item: Martin, draft “nutshell” document and send to EXG

ii) Request from UK and France to label section (fragments)

Following up on the last meeting, Elaine reported that the extended Ellet line (UK) had been labeled GO-SHIP in the past. The EXG agreed to integrate this line in the GO-SHIP design and cruise plans. Elaine will send more information on the set of parameters, future funding and recurrence of this cruise to Martin. The line starts in Scotland and finishes, as A16, in the South of Iceland. It is not a synonym for OVIDE/A25, but is archived at CCHDO under different names. In the future, it should also be labeled as Ellet line at CCHDO. Data of the cruises have been submitted to CCHDO in the past, some are still in progress. The last Ellett cruise was part of a much larger cruise, and with transient tracers and carbon.

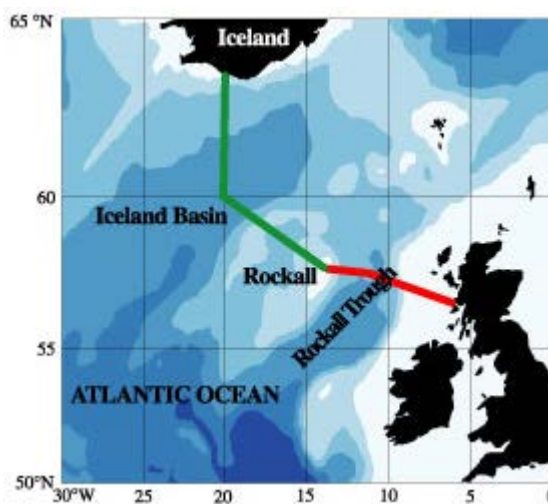


Fig: Extended Elliot Line

Action item: Elaine, send detailed information to Martin

Regarding a recent request from Sophie Cravatte (IRD, France) if a CASSIOPEE cruise in 2015 could be labeled GO-SHIP, the EXG decided to decline that request because of the following issues: The cruises covers only a small part of P13, it's a one-shot cruise, and a number of level 1 parameters will not be measured. There is not enough time to complete the cruise to a full P13 occupation, nor seems it feasible to complete the level 1 parameters by additional groups. Nevertheless, CCHDO would be keen to receive and archive the data from this cruise, which should be relayed to Sophie.

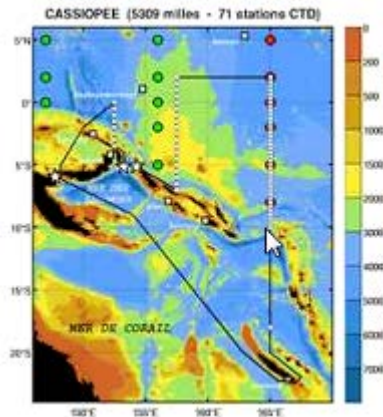


Fig: Cassiopee Cruise

In the future, and in particular with more lead time, such cruises should be promoted on a bulletin board of the GO-SHIP website, in order to encourage other groups to complete the cruise to a full GO-SHIP cruise.

Action item: Martin, put information on that cruise on the website as a non-GO-SHIP cruise which would welcome other groups and could potentially be upgraded to GO-SHIP.

iii) “Sustained ocean observing for the next decade” *A combined GO-SHIP/Argo/ IOCCP science workshop for measurements of the water column*, 14 – 17 September 2015 Galway, Ireland

Elaine reported that she had been working on this with Maciej and Brian King. At the moment they are waiting for feedback from the local organizers regarding the costs of such a meeting.

This date has been chosen considering the summer months being too busy with other meetings and summer schools, and because of another carbon meeting already taking place the week before. 150 participants are planned, this number could be extended to 200. Depending on the uptake, 3, 3.5 or 4 days could be appropriate. 20 minute presentations are planned, with 18 presentations per day. Because of the number of participants the meeting will take place in a hotel rather than at the local institute, but a reception could nevertheless be organized at the institute. 100 posters are planned, which could also be extended, and 10 to 15 trade stands. An announcement should be out before Christmas. OceanSITES is not formally a headline, but contributions are welcome.

Regarding the science plan and estimated achievements of the workshop, this has not been updated after Brian’s presentation at AST. The action group, together with Toste and some other person involved in BCG floats (possibly Nicolas Gruber) are tasked to progress on this item. Once this has been done, the meeting and its goals should be promoted on the websites, if possible by the end of October. The Science Plan should be the first step, before discussing further people to be involved. Written abstracts should have a deadline in April 2015.

Action item: Elaine, Brian, Toste, Maciej, Move forward with science plan

Morning sessions could target individual networks, and afternoon sessions then parameters across the integrated networks.

The EXG thanked Elaine for her efforts in this regard.

Rik mentioned that the week before, there is the SOLAS Open Science conference in Kiel Germany (7-11 Sept).

Action item: (Martin-lead) Elaine and Brain requested JCOMM support to set up a website and registration site for the meeting.

iv) GO-SHIP science white paper

Bernadette recalled that an international paper is progressing based on the recently published white paper on the US programme, and the idea is to publish it in a journal.

http://www.usclivar.org/sites/default/files/documents/2014/USRepeatHydrographyReport_Final2.pdf

Lynne has provided the US text and in the meantime an updated version with more international flavor, and needs for the international programme. Bernadette mentioned that a number of people are looking forward to this article (Toste, Tak, Masao). It's progressing slower as planned, but there is progress.

Rik added that it's a good opportunity to look into the future of GO-SHIP, and that the "GO-SHIP in a nutshell" document should be incorporated, which would also make a good difference in regard to the US paper. Data centers should also be treated, which could be different for the international programme from the data centers of US-GO-SHIP.

Action item: The EXG should gather information on repositories where GO-SHIP data could be archived.

Additionally, the work on EOVs should be part of the document.

v) CCHDO Update

Steve provided some slides on the status at CCHDO, in particular regarding the new website (beta). He reported on the outcome of a teleconference with JCOMMOPS which had taken place the day before, and which are now planned on a monthly basis. CCHDO has proposed to take the concept of the US hydro table to set up a corresponding table and structure for the international GO-SHIP program, which would allow having a good view on established and planned cruises (for all, or particular countries) at the same repository. CCHDO will provide means to JCOMMOPS to incorporate these data in the JCOMMOPS system. The new IT engineer at JCOMMOPS, Anthonin, will be tasked to manage these developments.

On the new CCHDO website, it is planned to have views and labels for the international, but also national programs (such as US Hydro) as appropriate. The programs listed at the time are not exhaustive, they only showcase the concept. CCHDO could change the page setup and asked the EXG to provide feedback as appropriate in this regard. New query functions comprise for example: per PI, country, ship, label. A new tools also allows to define cruises which are still about to happen, and would then already appear on the data pages. A new shopping cart mechanism now allows selecting several cruises, and then download all the data in a single zip file. It is also possible to submit data directly on the individual cruise pages (with contributor login) and to add comments, as a simplified method to submit cruise data. All cruise contributors could thus provide updates, without the need to go through CCHDO or JCOMMOPS. The chairs agreed that there has to be some vetting at CCHDO or JCOMMOPS of updates to ensure quality is maintained and procedures followed.

Steve reminded that the quality of the site depends heavily on the feedback received from the community, and encouraged everybody to assist.

Labeling cruises with section names at CCHDO is mainly done by Jim Swift, by hand and with assistance from Steve and Carolina. Geographic components play naturally an important role: Cruises which follow a track close to a designated line, and which show appropriate oceanographic features, would be labeled with the design line name, some cruises thus have several labels. CCHDO would happily follow suggestions from the community, i.e. create a label for the Ellett line etc. Regarding the labeling of GO-SHIP cruises, and features which qualify a cruise as a GO-SHIP cruise (set of parameters, data quality, line...) CCHDO will follow recommendations from the EXG group. For WOCE, stricter rules had applied, which had made this an easier task.

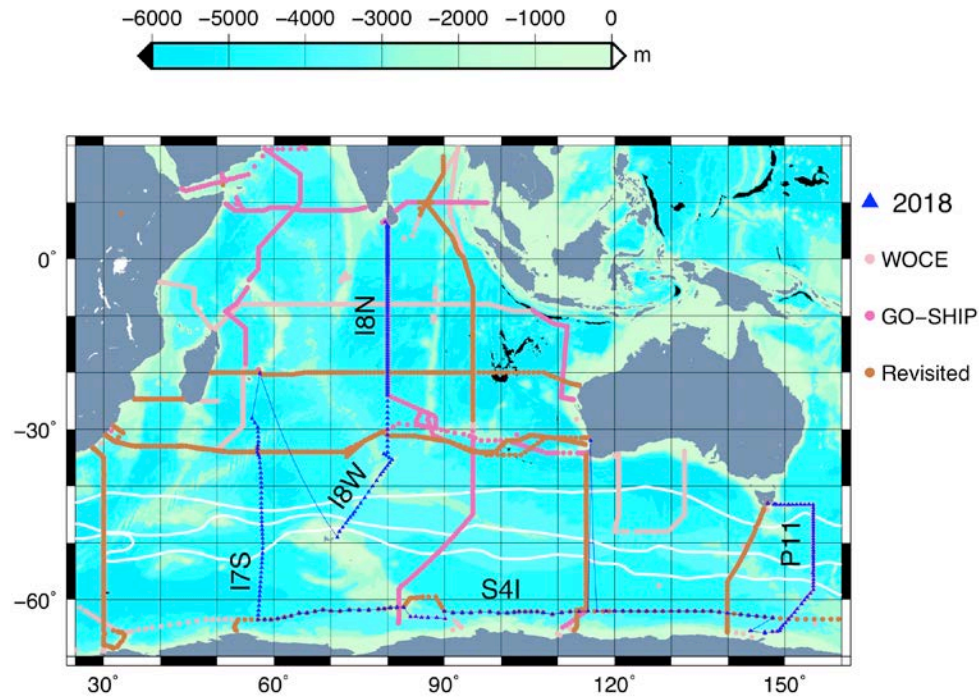
Whilst this is not a "GO-SHIP only" site, it is easy to identify and show "GO-SHIP only" cruises.

Another tool under development at CCHDO is a query by period function, which would e.g. allow to pick all data from a certain decade, or WOCE, in addition to other features (line, ship, ...)

Action item: Bernadette requested all EXG members to send feedback on the new site to CCHDO.

vi) IIOE2 update

Bernadette was at AWI in September to attend the SCOR meeting, and the scientific steering team meeting for IIOE2. They work on a science strategy and Bernadette reported at the meeting which GO-SHIP lines could be part of IIOE2, and that GO-SHIP would be willing to help with further measurements during the GO-SHIP cruises. Japan has a call for their global class ships, and Rik, Bernadette, Lynne and the Japanese GO-SHIP colleagues (Tak, Kats, Masao) are working together on a proposal, with I8N, including an additional section to Kerguelen (I8W), the S4I, SR3 and a new I7S, a section to Antarctica (see map). Hopefully this will be a cooperative effort between GO-SHIP, Japan and other programs (e.g. US SOCOM floats).



As IIOE2 divides up in national efforts, Bernadette requested that GO-SHIP members should highlight the international program in case of queries on a national level, even if no national cruises are planned: GO-SHIP cruises will take place as part of IIOE2.

vii) Additional level 3 parameter requested

Bernadette received a request from Hobart colleagues, asking to add a level 3 parameter (genomics) to the GO-SHIP parameter suite. Bernadette proposes to send a document on the importance and requirements for the parameter to the EXG, and which lines would be of interest, in order to evaluate the request. If the EXG supports this request, we could provide them with cruise information, enabling to move forward with the cruise PIs. This is a good showcase on how to deal with such requests: ask for scientific rationales, and sample requirements, to initialize a more standardized evaluation.

Rik added that we should officially respond to such kind of requests, maybe with cautionary remarks if appropriate, and that in this particular case the 2 liter samples could be a practical issue.

Action item: EXG, develop standardized evaluation procedure for additional parameters/samples.

Jim added that this is where we are headed with long line cruises in the next 50 years or more, with a need of a group or committee looking at how we should go about increasing ecosystem assessment information from long line cruises.