

GO-SHIP SC Telecon

27 June 2019, 21:00 – 22:15 UTC

Participants:

Bernadette Sloyan
Caroline Cusack
Elaine McDonagh
Greg Johnson
Katsuro Katsumata
Lynne Talley
Masao Ishii
Rik Wanninkhof
Steve Diggs
Martin Kramp

Agenda:

- Intro, adoption of agenda
- A 5-year strategy for the program (Rik)
- Rotation/responsibilities of SC members (Elaine)
- WGs (Elaine)
- Report from JCOMMOPS (Martin)
- Report from CCHDO (Steve)
- Labelling GO-SHIP data: DAC issues, DMT discussion (Rik)
- Hawaii-meeting related items: (Martin, also see <https://www.jcomm.info/go-ship6>)
 - agenda (draft V1.1 attached),
 - confirmed/further participants,
 - national report template
- AOB

in red: Actions which will flow into to-do list of GO-SHIP SC.

Intro, adoption of agenda

Rik welcomed the SC, the agenda was adopted as suggested by the SC.

A 5-year strategy for the program

Based on a request from the US Committee to provide a 5-year plan for the US program it was recommended to broaden the scope of such a plan to international GO-SHIP and create a 5-year strategy. 5-year outlook is at present not possible for all countries, but “intentions/plans” would be very helpful. Australia has just agreed on a 5-year plan. Activities on (new) associated lines, in particular from Korea and China, would also be of interest.

The **next survey should start with a new map, but not completely reset to zero (action: Martin)**, rather with some means to highlight the time-series (as on the Obs19 map). In the cruise table are presently not enough “plans”, only cruises which are in the closer future and have already confirmed funding have been shared. The group agreed that it would be good to **share more information on targeted lines, even if funding has not been secured yet and maybe never will (action: national representatives)**.

Rotation/responsibilities of SC members

With Elaine McDonagh leaving to Norway (but keeping her role as Co-Chair), and Toste and Leif stepping down from the committee, three new candidates had been suggested to the SC ahead of the meeting: Mario Hoppema (AWI) for Germany, Penny Holliday (NOC) for the UK, and Are Olsen (UiB) as additional member from a Nordic country. The SC endorsed these rotations. In addition to national representation (every country should have 1 clear contact) special expertise from SC members was considered, given that the new SC terms of reference also focus on diversity in i) GO-SHIP parameters and ii) relations with other networks and/or data archives/products.

The **SC was requested to step up for these responsibilities as appropriate; the Co-Chairs will also make suggestions**.

The replacement of the UK representative went through NOC division lead and director: a good showcase for high GO-SHIP support.

Working Groups

The SC will establish more working groups (WGs), which comprise at least 1 SC member, and other members as needed, with a fixed task to do (outside the SC work), and to report back to the SC, most likely with recommendations the SC can then decide on. Caroline Cusack and Susan Becker have sparked a first group like this to work on Rosette Best Practices (**action: Caroline to coordinate with Susan for Hawaii report**).

More WGs are underway as part of the Hawaii meeting, including on CTD/Oxygen, with Joseph Gum as additional expert. Masao Ishii will provide another expert contact from JAMSTEC. Rik will help setting up this group (without being a member of it)..

With a growing number of BGC float deployments, it was recommended to exploit synergies in CTD/oxygen air calibration, noting that biofouling is a known issue if the O2 sensor is no longer in the TBT protected CTD stream. Winkler calibration is (unfortunately) often not performed anymore by many groups. Such questions should be treated by the WG (action: Joseph Gum to coordinate with JAMSTEC colleague and Rik regarding reporting to Hawaii meeting).

JCOMMOPS report

A new tab on the GO-SHIP website was introduced: “How to join a GO-SHIP Cruise”, and the SC was requested to provide feedback to Martin on appropriate content in this matter. It can target e.g. young scientists or ancillary measurements and should be as broad as possible, maybe requires a better title; the US has a student program underway which matches nicely and should be linked.

A new status map will be released in a few days, the only recent updated concerns I6S (now completed).

Regarding cruise plans, US will occupy A13.5 in 2020, and A10 in 2022. Bernadette will provide an Australian update as soon as possible. UK will do A5 in 2020.

CCHDO report

Steve introduced the “Marine Data Cluster” that meets every few weeks and deals with standards, vocabularies, and has a monthly science talk, all much related to GO-SHIP with broad engagement. More in Hawaii.

Occasional delays at CCHDO are related with incorrect formatting during data submissions.

Setting up an int. Hydrotable will be discussed between JCOMMOPS and CCHDO in Hawaii; it requires input and continuous feedback from a variety of GDACs, making it a more complex task, but also of higher value. [post-meeting: Kick-off teleconference scheduled 2 August].

CCHDO is available for US and int. GO-SHIP, but this situation is based on WOCE, and sustainability without additional (int.) funds is not secured long-term, but not threatened short-term (refunding in current form has just been confirmed; more funds would allow for better services).

Labelling GO-SHIP data: DAC issues, DMT discussion

A recent discussion with Shawn Smith on labelling SAMOS meteorological data as GO-SHIP data (if gathered during a GO-SHIP cruise) made clear that such a labelling through such a center is not a very big effort, but still requires a minimum of funding. Data is the key product of GO-SHIP, and the emerging data should be easily accessible and recognizable.

GO-SHIP countries should contribute to the program at least in-kind and recognize/acknowledge contributions (e.g. GDAC) from other countries in letters to the GO-SHIP office; from there they will be circulated as appropriate. **SC to investigate at national level on potential contributions for efforts performed for the int. community** (data management, technical coordination).

It was questioned how data products like GLODAP, work from Kats on joint sections, and (planned?) tools from CCHDO on bulk data download from a defined geographical area/period match together and if these are duplicated efforts/many overlaps. It was noted that such overlaps exist also in other networks (e.g. Argo) where they do not represent a particular issue; an easy way/format to “download all clean data” was recommended by the US GO-SHIP reviewers.

The SC began a discussion on the need for a data management team (DMT); other networks (Argo, OceanSITES) have such groups and meet frequently with good success. Such a DMT would require appropriate resources and structure. It was agreed that this discussion is a big item, too big to fully treat it in Hawaii. A systematic approach is required. Greg and Lynne stressed that providing the huge amount of metadata in Argo datafiles has many advantages but requires a lot of work (basically only for two parameters, T and S, against pressure). The variety and processing requirements of GO-SHIP data need a different approach. [post-meeting: **Greg Johnson agreed to lead/prepare the Hawaii DMT discussion**].

Hawaii GO-SHIP meeting

Presently 42 persons have been invited to the Hawaii meeting; 5 declined, 5 will participate (partially) remotely. CCHDO requested invitations for two on-site staff members. The draft agenda was reviewed, items on 5-year strategy and DMT were added. **Some items still require a lead/presenter, SC members were requested to volunteer** per eMail to Martin. A template for national reports was reviewed, the updated version will be circulated shortly; **all national representatives will be requested to send national reports by mid-August** to Martin, who will **compile an overarching report ahead of the Hawaii meeting**. A number of national program managers or directors will attend the meeting, which shows the high-level interest in GO-SHIP.

Bernadette reported that the Obs19 CWP required some last edits but is now almost ready to go; **she will close the file in a few days** [post-meeting: accepted 5 July].