



GO-SHIP Committee Conference Call - Meeting Minutes

Final version

Date: 17 December 2013

Time: 20:00-21:40 CET

Attendance: Chris Sabine (Co-Chair)
Bernadette Sloyan (Co-Chair)
Greg Johnson (Member)
Brian King (Member)
Lynne Talley (Member)
Toste Tanhua (Member)
Steve Diggs (CCHDO)
Martin Kramp (Coordinator)
Jim Swift (Invited Guest)
Elaine McDonagh (Upcoming UK representative)

Not attending: Masao Fukasawa (no notice), Masao Ishii (time zone issue), Nicolas Gruber (no notice), Richard Feely (no notice), Mauricio Mata (on leave), Isabelle Ansorge (on leave), Maciej Telszewski (on leave)

Agenda:

1. Introduction (Bernadette)
2. Update Coordinator: cruise plans, bibliography, website... (Martin)
3. Update of Indian Ocean Expedition plans (Brian King)
4. Update of data submission to CCHDO (Steve Diggs)
5. Archive of GO-SHIP data (Brian King, Steve Diggs, Lynne)
6. Preparation of Review paper and new NSF Repeat Hydrography proposal (Bernadette and Lynne)
7. Preparation for Hawaii Committee meeting (Bernadette and Martin)

1. Bernadette Sloyan welcomed all participants and opened the discussion.
2. Martin Kramp introduced the overall JCOMMOPS activities and how the GO-SHIP coordination matches well with the JCOMMOPS cross-program approach.

The committee noted that some members show little activity, and that communication with some countries occupying repeat lines is difficult because they have no committee members. Therefore, the committee agreed to recruit national focal points for New Zealand (possibly M. Williams or S. Chiswell), Sweden (possibly L. Anderson), Spain (possibly A. Rios), France (possibly H. Mercier), the Netherlands (possibly L. Maas) and Norway (possibly T. Johannessen). Kumiko Azetsu-Scott already agreed for Canada.

(ACTION, Martin, establish contacts with all the other countries, February Ocean Sciences (OSM) committee meeting).

By screen-sharing he showed screenshots of the new integrated JCOMMOPS website with themes, widgets and tools for the different JCOMMOPS supported programmes (Argo, SOT, DBCP, OceanSITES, GO-SHIP). The information on upcoming cruises gathered in August and September are currently only available in a spread-sheet. A in-depth discussion regarding the GO-SHIP network will be on the agenda of the Hawaii meeting, as some lines are only partly occupied, and some countries have also shown interest in new lines. To create corresponding maps, waypoint information for the different theoretical lines is needed and will be provided by Steve Diggs **(ACTION, Steve, provide waypoint list, January).**

It appears that Martin has not been informed of all planned cruises (A23, A12), Martin will investigate this further and keep asking the focal points for regular updates **(ACTION, Martin, investigate cruise planning, ongoing).**

The new website project launched by Rox at CCHDO has not progressed. Martin adjusted the old website to the present needs and keeps updating it: news, general mailing list with presently 242 subscribers, cruise plans, bibliography etc. **(ACTION, Martin, ongoing).**

The bibliography is based on Heather Benway's CLIVAR document and information Martin received after his corresponding query with the GO-SHIP mailing list. The bibliography has been transformed into a GO-SHIP Zotero group with all necessary query and quoting tools. The committee agreed to merge the US-Repeat-Hydro and GO-SHIP bibliographies, and only the GO-SHIP group shall remain with a US-Hydro tag on corresponding items **(ACTION, CCHDO, merge bibliographies, April).**

The committee noted that the coordinator position must be funded, between 30 000 USD for minimum services, and 60 000 USD for optimized services must be gathered **(ACTION, all, February-OSM).**

3. Brian King attended the first meeting (May 2014, India), a second meeting was held (November 2014, China). Anticipating a report from the second meeting it was agreed to postpone the discussion to the GO-SHIP committee meeting in February 2015.
4. Steve Diggs confirmed that GO-SHIP data appears to be up-to-date at CCHDO. A further review will be discussed at the February committee meeting.
5. Brian reported that whilst CTD and bottle data apparently have a good home at CCHDO for cruises of all nations, other data types are much less well organized. CDIAC handles the all carbon bottle and underway

data. Toste Tanhua confirmed that the carbon data are being received and used in production of data products. The data that is potentially failing to be properly archived are underway data (TSG, meteorological data, ship ADCP) and profile ADCP.

Of these data types, only the USA data are probably in reasonable shape at a variety of ex-WOCE DACs, other nations much less so. However, it was noted that the USA archive group are only resourced to handle their national data and may have limited or no capacity to accept international data.

It was agreed that these data archive issues must be discussed in Hawaii, where the present status should be established and then a way ahead should be decided. Basically, WOCE had a significant data coordination activity for most data types (CTD, bottle, ship ADCP, underway met & ocean surface, etc, although WOCE never had a home for Lowered ADCP). CLIVAR could have inherited and sustained the WOCE data system, but chose not to, although many of the WOCE DACs carried on in varying degrees of completeness. If GO-SHIP wants to be sure it can track and recover all data that may be of interest, it will need to reinvent something.

As a starting point, the February GO-SHIP meeting will review the data archive procedure of the USA.

It was agreed to invite key players in ADCP data to our meeting in Hawaii as they are based in Hawaii **(ACTION, Bernadette to send Martin email address for Jules Hummon and Erik Firing and Martin to send email inviting them to attend relevant session of GO-SHIP meeting, January).**

6. The USA is preparing their NSF funding proposal for repeat hydrography. As part of this proposal, they have been advised to write a white paper, focused on the achievement of the US repeat hydrography program and the benefit of this research. The USA has setup a writing team and is currently writing this document. It is suggested that this document be published in EOS

While the imperative for the white paper for the USA component of GO-SHIP was agreed, the committee also felt that the international efforts and achievements needs to be also publicized in an international journal (i.e. Oceanography, or some other journal). **(ACTION, Bernadette, Brian/Elaine, Toste, and Japanese colleague to add international perspective to USA white paper and GO-SHIP to submit article for publication, February-OSM).**

Lynne Talley and Jim Swift also mentioned that the US plans to add a trans-Arctic section to their NSF proposal. They asked if the Arctic was included in GO-SHIP and whether any such section has been occupied. A discussion on the Sweden Barrow-Svalbard section was then held with someone suggesting this would be reoccupied in 2014, but the Swedish cruise is not actually trans-Arctic, it rather follows the Siberian shelf. We need to clarify what will be undertaken in the next years and what is the state of repeated surveys in the Arctic. **(ACTION, Committee and Martin, expand GO-SHIP to include representation from Arctic countries (Sweden, Norway and Russia), January).**

This discussion highlighted the need to review the entire GO-SHIP global plan, and voyage tables **(ACTION, all, review of global survey, February-OSM).**

7. Martin reported that the committee meeting planned for 21 February has successfully been postponed to 23 February and will take place prior to the 2014 Ocean Sciences Meeting in Honolulu, at the East-West-Center. The committee noted that the US Repeat Hydro Group contributes 200 USD and CSIRO 500 USD. The US contribution will serve as a deposit and payment will be initiated by the end of the year **(ACTION, Martin→Jim, pay deposit, December).**

It was agreed that, similar to Argo, the GO-SHIP committee will be expanded to include a representative from all countries participating in GO-SHIP, and that an Executive Group will be formed from the general committee to deal with issues as they arise, liaise with GOOS and GCOS and other ocean observing

coordinating bodies (i.e. OOPC). The committee needs to write the term of reference of both the general committee and Executive Group. A good starting point for these terms of reference is Argo **(ACTION, all, write TOR, at February-OSM)**.

All country representatives (as introduced under item 2) will be invited to attend the February committee meeting. The current committee will act as the Executive Group until the February GO-SHIP meeting when an election will be held for the new Executive Group from the participating country representatives. **(ACTION, Martin to extend invitation to the February meeting to all country representatives, January)**.

A GO-SHIP town hall meeting will take place on 26 February: "UPDATE ON THE PROGRESS AND PLANNING OF THE CURRENT DECADAL (2012-2023) HYDROGRAPHIC SURVEY" (Bernadette Sloyan, Toste Tanhua).

Toste Tanhua requested launch of GLODAPv2 at the Ocean Science GO-SHIP town hall meeting. GLODAPv2 represents a new data collection of over 700 voyages of quality controlled, internally consistent, data products of bottle data. This is an update of the very successful GLODAP data collection that was finalized about 10 years ago, and is heavily dependent on measurements from repeat hydrography. The committee agreed to launch GLODAPv2 at the Town Hall meeting. **(ACTION, Toste to launch GLODAPv2 at the GO-SHIP Town Hall meeting, February-OSM)**.

Lynne Talley reported that she will give an oral presentation in the CLIVAR session (159), on US repeat hydrography accomplishments for the end of the decadal survey: "CHANGES IN OCEAN HEAT, VENTILATION AND OVERTURNING: REVIEW OF THE FIRST DECADE OF U.S. REPEAT HYDROGRAPHY (GO-SHIP)". Co-authors are: Talley, Feely.

Based on this meeting an agenda for the February Committee meeting will be produced **(ACTION, Bernadette and Martin to draft agenda for February meeting and circulate to committee for comment and finalization, January)**.

Finally, Steve Diggs confirmed that CCHDO will present a poster concerning GO-SHIP at Ocean Sciences 2014.

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16 January 2014

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