

# **Minutes**

## **CNC/SCOR Meeting**

**By conference call, January 14, 2003**

(sent to members on Jan. 20, amended on Jan, 21 item #8 re GLOBEC bullet)

### **1. Welcome and Introductions**

The meeting was called to order at 13:05 EST. Ken Lee chaired the meeting through to the completion of agenda item 3, at which time the new chair, Bjorn Sundby, assumed the Chair.

Present: Bjorn Sundby, Ken Lee, Susan Allen, Rob Macdonald, Phil Hill, Jinyu Sheng, Louis Fortier, Dick Stoddart, Suzanne Roy, Ken Denman

Unable to attend: Neil Campbell, Bill Miller, Mike Stacey

### **2. Approval of Agenda**

The draft agenda was emailed to members on Dec. 11, 2002. It was **approved** without change.

### **3. CNC/SCOR Membership**

On November 18, 2002 CNC/SCOR members (including all members at that time) were emailed a proposed membership slate for their consideration, and asked to provide their comments by December 6, 2002. Only positive comments were subsequently received. Consequently, on December 9, 2002 the following slate was considered as adopted, subject to ratification at the next (January 14, 2003) CNC/SCOR meeting:

Bjorn Sundby, Chair, UQAR 2003, 2004, 2005

Ken Lee, Past Chair, DFO/BIO, 2003, 2004, 2005

Susan Allen, UBC, 2002, 2003, 2004

Rob Macdonald, DFO/IOS, 2002, 2003, 2004

Phil Hill, NRCan/PGC, 2003, 2004, 2005

Jinyu Sheng, Dalhousie, 2003, 2004, 2005

Louis Fortier, Laval, 2003, 2004, 2005

Dick Stoddart, Secretary, 2002, 2003, 2004

Neil Campbell, ex-officio, (CMOS)

Suzanne Roy, ex-officio, UQAR (GEOHAB)

Bill Miller, ex-officio, Dalhousie (SOLAS)

Mike Stacey, ex-officio, RMC (IAPSO)

Ken Denman, ex-officio, EC/CCCma + DFO (CMOS Scientific Committee)

The January 14, 2003 CNC/SCOR meeting **agreed** to the above noted slate of proposed members, and their associated timeframes.

The CNC/SCOR **agreed** that the Canadian "nominated" members to international SCOR for 2003 would be Bjorn Sundby, Ken Lee, and Rob Macdonald. Ken Lee suggested that he would be prepared to step down as a nominated member in due course. It was further **agreed** that the issue of nominated members should be reviewed on an annual basis, and for the sake of ensuring continuity and roll-over of new nominated members, CNC/SCOR members should consider the replacement of Ken Lee as a nominated member, at the beginning of either 2004 or 2005. **Action: All Members.**

The CNC/SCOR **agreed** that the CNC/SCOR Executive Committee for 2003 would be Bjorn Sundby, Ken Lee and Dick Stoddart. It was further **agreed** that CNC/SCOR members consider adding one new member to the Executive Committee, starting in 2004, so as to ensure continuity and overlap on the Executive before the time when the Past Chair, Ken Lee, completes his term at the end of 2005. **Action: All Members.**

CNC/SCOR is still missing 2-3 "regular" members needed to reach the normal level of 10 "regular" members. Suggestions prior to the January 14, 2003 meeting included, someone from Newfoundland, someone on "atmosphere", and someone on climate. Suggestions at the January 14, 2003 meeting included Brad de Young (Memorial), Charles Lin (McGill), Adam Monaham (UVic), Jacques Derome (McGill), Ali Aksu (Memorial), Dave Barber (U Manitoba), and Len Zedel (Memorial). It was noted that private sector representation was missing from CNC/SCOR – suggestions included Dave Fissel, John Marko, and/or representatives from Martec, Seimac, or Satlantic. It was suggested that, if a private sector member(s) was selected, that person should be representative of the industry (a regional association if possible) and not just their company. CNC/SCOR could invite 1, 2 or 3 new members to the next meeting (June 2003), and have their terms for three and a half years; e.g. 2003, 2004, 2005, 2006. It was agreed that CNC/SCOR members should provide any additional membership suggestions to the Chair by the end of February 2003. **Action: All Members.** Subsequently, CNC/SCOR members will be canvassed to vote on 2-3 new members. **Action: Bjorn Sundby.**

The January 14, 2003 CNC/SCOR meeting unanimously **agreed** that Bjorn Sundby would be the Chair for the three-year period of 2003, 2004 and 2005. Bjorn Sundby thanked CNC/SCOR for their vote of confidence for the coming three years, thanked previous members of CNC/SCOR for their diligence and work over their membership span, thanked Ken Lee for his leadership as Chair over the past many years, and welcomed all new and continuing members in accepting to work on behalf of CNC/SCOR on what he hopes will be a very interesting and productive committee.

#### **4. Approval of Minutes of May 25, 2002 CNC/SCOR Meeting**

The draft minutes of the May 25, 2002 CNC/SCOR meeting held in Rimouski, Quebec were sent to members on May 30, 2002. There were no suggested corrections to the minutes. It was **moved** by Ken Lee, **seconded** by Louis Fortier, that the minutes be adopted as circulated. **Carried**. The minutes are posted on the web site, [www.cncscor.ca](http://www.cncscor.ca), section D on a protected page (the password is minrocs).

#### **5. Progress/Business Arising from Minutes**

A summary of progress against each of the 38 actions resulting from the May 25, 2002 meeting was sent to members by email on January 9, 2003. Two items noted in the progress require additional attention, namely:

- item #8 regarding articles for the CMOS Bulletin. The article on the new research vessel CORIOLIS II is in-hand. Articles authored by Dalhousie scientists have been promised by (i) Barry Ruddick on the results of WG 108 on Double-Diffusion in the Ocean, and (ii) Bill Miller on SOLAS. Jinyu Sheng will remind these authors of their commitments. **Action: Jinyu**

**Sheng.** Susan Allen has agreed to write an article on GLOBEC; she hopes to complete the article in January 2003. **Action: Susan Allen.**

- item # 18 regarding the preparation of new SCOR WG proposals. Bjorn Sundby will contact François Saucier to see if he is willing to prepare a submission for a new SCOR WG on freshwater influences in the marginal seas of northern environments. **Action: Bjorn Sundby.**

## **6. CNC/SCOR Finances**

Dick Stoddart reported that annual support monies have been transferred from DFO to CNC/SCOR for 2002/2003. DFO has indicated in their transmittal letter that they cannot make a commitment to continue to support CNC/SCOR, through CMOS, beyond the end of March 2003. A letter has been drafted from CMOS to DFO requesting a meeting in February/March to clarify their future support. Dick Stoddart noted that Allyn Clarke, in writing to DFO HQ, had indicated his strong support to extend the DFO support to CNC/SCOR. Ken Denman indicated that he was prepared to make similar representations, to DFO HQ, via the Pacific Region. **Action: Ken Denman.** Some CNC/SCOR members offered to generate letters of support from their university administrations, but it was decided to defer such actions at the present time.

Should ongoing financial support fail to materialize from DFO, other possible options were discussed. Possible sponsorship from either NSERC or the Royal Society were mentioned, but it was suggested that neither agency was likely to provide the financial support necessary.

NRC has been invoiced by international SCOR for the Canadian dues for 2003; \$US 18,305. It is expected that, as in the past, NRC will pay this invoice promptly.

## **7. International SCOR Meeting, Sapporo, Japan**

Dick Stoddart represented Canada at the SCOR General Meeting in Sapporo, October 1–5, 2002. His meeting report was sent to CNC/SCOR members on Oct. 21, 2002, and it was posted on [www.cncscor.ca](http://www.cncscor.ca) under section B. A few key follow-up issues were summarized as follows:

- Working Group 115 on Standards for the Survey and Analysis of Plankton. This WG requested expansion of their membership base. CNC/SCOR put forward Dr. Erica Head's name in this regard. International SCOR is in the final stage of approvals of the recommended new Associate Members.
- Working Group 121 on Deep-Ocean Mixing. This new WG was approved at the Sapporo meeting. From Canada, Chris Garrett will be a Full Member and Barry Ruddick will be an Associate Member.
- Working Group on Estuarine Sediments. This proposed new WG has not yet been approved, for both financial and terms of reference complications. It is expected that international SCOR will eventually approve this new WG, assuming the two outstanding issues can be resolved.
- Call for New Proposals. The call for new SCOR WGs will be earlier than in the past – in early February with a submission deadline before the end of June. It is expected that funding will be available for 1-2 new SCOR WGs established in 2003. In addition to the possible new topic noted under agenda item #5 above, all members were asked to consider topics for possible new SCOR WGs. **Action: All Members.** For further information and guidance, Bjorn Sundby offered to provide all members with a copy of a number of representative “successful” SCOR WG proposals. **Action: Bjorn Sundby.** Information on current WGs, as well as all past WGs, may be found at <http://www.jhu.edu/~scor/wkgroups.htm>.

## 8. CMOS Congress, Ottawa, June 2-5, 2003

Several issues related to the upcoming CMOS Congress were covered, including:

- **Ocean Related Theme Sessions at Congress.**

- SOLAS (Bill Miller is the convenor). Dick Stoddart noted that the C-SOLAS Board of Directors and the C-SOLAS Science Advisory Committee were both slated to meet during Congress (Terry Leah is the contact for both meetings).
  - GLOBEC (Susan Allen is the convenor). Susan Allen noted that, while this session was still being planned and a number of papers are expected, the dates of the Congress are in conflict with another international zooplankton meeting, so that a number of ocean zooplankton researchers will be unable to attend.
  - Arctic Oceanography (Louis Fortier and Dave Barber are the co-convenors). A full day session is being planned. The session has the go-ahead to invite a plenary speaker, Don Perovich, on SHEBA.
  - Operational Oceanography (Doug Bancroft is the convenor, Dick Stoddart is the SCOR contact). Up to 10 papers are expected on this topic. Howard Freeland will be an invited speaker on the subject of the Agro buoy array.
  - Ocean Engineering (Jim Collins is the convenor, Dick Stoddart is the SCOR and ECOR contact). Topics are still under consideration by CNC/ECOR for this session. It is expected that up to 5 papers will be presented.
- **Future CMOS Congresses.** It was recognized that CNC/SCOR had played a valuable role in instigating some of the ocean theme sessions at the Ottawa Congress. There is a desire to maintain this momentum by influencing such sessions at future congresses. In this regard, initial contacts have been made with the Scientific Program Committee for the 2004 Congress to be held in Edmonton. To ensure such liaison, it was agreed that it would be valuable to invite the oceanographic member of the Edmonton Scientific Program Committee, Paul Myers, to attend the next CNC/SCOR meeting in Ottawa on June 1, 2003. **Action: Dick Stoddart.**
  - **CNC/SCOR AGM.** The Annual General Meeting (AGM) for CNC/SCOR has been slated for CMOS Congress, on Sunday morning, June 1, 2003. Dick Stoddart explained the policy of paying (or not) for the travel expenses for members to attend the AGM. Normally, federal government members are expected to finance their own travel. Travel for university members, or members

from the private sector, could be paid out of the CNC/SCOR budget. In some (many) instances, travel expenses are absorbed by the university member out of their own budget since they would be attending the CMOS Congress in any case (that is one of the reasons the AGM meeting is co-located in time and place with the CMOS Congress). Several members questioned the source and current validity of this travel policy, and suggested that the policy be revisited given today's fiscal realities. **Action: Bjorn Sundby.**

- **CMOS Awards.** Dick Stoddart noted that some CMOS awards, for eligible ocean scientists, have not had any nominations for some years in the recent past. He posed the question - does CNC/SCOR wish to become involved proactively in some form in ensuring that worthy potential recipients are identified and nominated? Information on (i) awards and criteria, and (ii) past winners, may be found at <http://cmos.ca/awards.html>. Discussion indicated that nominations would be made in 2003 for both The J.P. Tully Medal in Oceanography and The Prize in Applied Oceanography. Members were not aware of any oceanographic nominations for The President's Prize in 2003. It was agreed that it would be appropriate for CNC/SCOR to discuss possible nominations for CMOS prizes, since this is a means to promote oceanography in Canada. Members should consider appropriate nominations for 2003 (deadline for submissions is February 15 of each year). Any such submissions should be made by the nominator, directly to CMOS; e.g. not via CNC/SCOR. **Action: All Members.** It was agreed that the issue of CMOS Awards should be an annual agenda item for CNC/SCOR meetings. **Action: Dick Stoddart.**

Ken Denman suggested that CMOS Award recipients, particularly the winner of the President's Prize, should be given an opportunity to present their research results at Congress; e.g. not just - show up, receive their medal, and head off home. It is felt that Congress participants would be very interested in hearing, at Congress, of the research efforts of these award winners. CNC/SCOR thought this was a very good idea and requested that Ken Denman make such a suggestion to CMOS Council, and that Dick Stoddart reinforce the suggestion with the Ottawa Congress Scientific Program Committee. **Action: Ken Denman, Dick Stoddart.**

- **Meeting with International SCOR Officials.** At the Sapporo meeting, Bob Duce (SCOR President), Ed Urban (SCOR Executive Director) and Liz Gross (SCOR Treasurer) all indicated a willingness to attend the next CNC/SCOR meeting in Ottawa. CNC/SCOR members suggested it might be useful for one or more of these officials to meet with senior officials in Ottawa, such as the ADMs of DFO and EC. Also, if time permits, it might be possible to arrange for a scientific talk (Bob Duce on SOLAS) to the prestigious "Bacon & Eggheads" breakfast series with parliamentarians, scientists and engineers. This series is aimed at bridging the gap between policy makers and experts in a variety of fields. The series is sponsored by the Partnership Group for Science and Engineering (PAGSE) <http://www.pagse.org/en/main.htm>. Phil Hill



volunteered to investigate with PAGSE officials the possibility of Bob Duce addressing the group relative to the importance of international ocean science research. **Action: Phil Hill.**

## 9. CNC/SCOR Web Site

The CNC/SCOR web site, [www.cncscor.ca](http://www.cncscor.ca), was completely updated at the end of 2002. The Secretary encouraged members to submit, or arrange for submissions, on topical ocean science information so that the site would remain relevant and current. **Action: All Members.** It was suggested that, if there are sufficient contributions to warrant, the “what’s new” page might be split into two, namely on (i) Canadian ocean science initiatives, and (ii) other international ocean science news. **Action: Dick Stoddart.**

CNC/SCOR members were somewhat disappointed that it did not appear that the full breadth of the ocean science community was reachable, either by the web site or through the CMOS Bulletin; e.g. the audience was estimated as rather small compared to the overall community. It was suggested that CNC/SCOR attempt to compile a “mailing list” to reach the community at large, and also be able canvass the community for news and information. As a start, it was **agreed** that members would provide to the CNC/SCOR Secretary readily available electronic email lists from their institutions, and science programs, for collation into a larger CNC/SCOR mailing list. **Action: All Members.** It is hoped that, in time, such a mailing list would grow by itself once the benefits of the information provided become evident to the community. Care will have to be taken to protect any such mailing list from access to “entrepreneurs”, and to avoid sending irrelevant, trivial information to eventual subscribers. Any individuals identified as mailing list subscribers should be given a clear indication of how to delist themselves from the mailing list if they wish. Members requested that the Secretary investigate the possibility of making the web site interactive; e.g. when interested parties log-on they might be able to self identify their interests, add their name to a mailing list, add links to their own web pages, etc. **Action: Dick Stoddart.**

In terms of achieving more visibility, CNC/SCOR members decided it would be useful to develop and print a “poster”. The poster would identify who we are, what we do, and how to find more information via our web site. Ken Lee volunteered to prepare the poster layout (and possibly print the poster), assuming that the text is provided by the Secretary, and some of the graphics/pictures is provided by members. **Action: All Members (pictures/graphics), Dick Stoddart (text), Ken Lee (layout and production).**

## **10. International Polar Year (IPY) 2007**

The International Polar Year 2007 is described at <http://ipy.gsfc.nasa.gov/>. A dialogue has been opened with the Canadian Polar Commission <http://www.polarcom.gc.ca/>; e.g. they have a broad mandate to discuss the very wide range of possible IPY initiatives. It was agreed that Louis Fortier and Rob Macdonald would serve as a small subcommittee, possibly entraining others, to discuss how CNC/SCOR might best interface with IPY. **Action: Louis Fortier, Rob Macdonald.** It was suggested that repackaging some of the planned fieldwork and conferences during 2007 might fulfill the majority of possible CNC/SCOR IPY-related initiatives. The Canadian Polar Commission is currently proposing a face-to-face meeting with interested parties, in conjunction with an upcoming CFCAS Workshop on Arctic Climate, on February 20-21, 2003, in Ottawa. Should that meeting take place, it was agreed that Louis Fortier would represent CNC/SCOR at the meeting. **Action: Louis Fortier.**

## **11. Ocean Science Theses**

A summary of findings of an NRC/CISTI database search, on the subject of the availability of ocean science Master and PhD theses, was sent to CNC/SCOR members on January 2, 2003. Positive email replies were received from Susan Allan and Suzanne Roy that information from UBC and ISMER already exists on such theses. It was suggested that listings of such theses would be readily available in the annual reports of relevant university departments. As a first step, it was **agreed** that university CNC/SCOR members (UBC, Dalhousie, Laval, RMC, UQAR) would send such (electronic) excerpts containing theses information to the Secretary as soon as possible. **Action: Susan Allen, Jinyu Sheng / Bill Miller, Louis Fortier, Mike Stacey, Bjorn Sundby / Suzanne Roy.** If this proves successful, CNC/SCOR will try to establish academic contacts in the other Canadian universities to solicit like-minded information. It was felt that contacting administrative staff to accomplish this aim would be ineffective; e.g. a professor sympathetic to the need to obtain such information is required.

## **12. Other Business**

Members congratulated Dick Stoddart on the frequent updates on the CNC/SCOR web sites in general, quoting the usefulness of promulgating interesting initiatives to a broader audience in near-real time. In turn the Secretary indicated his appreciation for members using the web site to advertise their work, thereby making the site more current and useful to the community.

## **13. Next Meeting**

The next meeting of CNC/SCOR will be face-to-face at its Annual General Meeting (AGM) on the morning of Sunday, June 1, 2003, in Ottawa, at CMOS Congress.

The meeting adjourned 15:40 EST.