

Minutes

Annual General Meeting for CNC/SCOR

May 25, 2002

Hôtel Rimouski, Blais Room

1. Welcome and Introductions

The meeting was called to order by the Chair at 9:05 a.m.

Members Attending: Ken Lee (Chair), Dick Stoddart (Secretary), Raj Murty, Susan Allen, Neil Campbell, Bjorn Sundby, Jinyu Sheng (for Barry Ruddick), Rob Macdonald (by conference call)

Members Regrets: Judith Bobbitt, Peta Mudie

Observers: Charles Schafer (CNC/ECOR), Allyn Clarke (CMOS Vice president), Maurice Levasseur (SOLAS), Mike Stacey (IAPSO), Peter Taylor, part time (Chair, Scientific Program for 2003 CMOS Congress), Suzanne Roy (GEOHAB), François Saucier, part time (potential new WG proponent)

2. Approval of 2002 Agenda

The agenda, as circulated on May 11, 2002, was approved.

3. Approval of 2001 Draft Minutes

It was **moved** by Susan Allen, **seconded** by Raj Murty, that the draft minutes, as distributed on May 11, 2002, of the May 27, 2001 CNC/SCOR Annual General Meeting (AGM) be approved. **Carried.**

4. Review of 2001 Actions

Discussion of this item was combined with agenda item #5 below.

5. Progress Since January 28, 2002 *ad hoc* Meeting

A comprehensive status report on action items from the May 27, 2001 CNC/SCOR AGM, and a subsequent Jan. 28, 2002 *ad hoc* meeting, were distributed to members in advance of the meeting (attached as Appendix 1). Additional explanatory details on a few items were provided by the Secretary. Details on some follow-up items were left to the appropriate agenda item of the May 25, 2002 meeting.

6. CNC SCOR Finances

(i) CNC/SCOR revenues and expenses. The Secretary reported that the CMOS audited statement indicated a balance for CNC/SCOR was \$15K, and that an additional \$12K had been received in April 2002 as part of the agreement with DFO to support CNC/SCOR. Expenses in 2001 had been rather modest since only two (2) individuals were supported to attend the 2001 CNC/SCOR AGM. In addition to travel costs, a few small expenses had been incurred such as production of a CNC/SCOR brochure, registration of the www.cncscor.ca URL,

and development of high-resolution logos for use in brochures, letterhead and banners. The Chair also reported that he and the CMOS Executive Director had agreed that the Secretary should be paid a modest honorarium for the workload incurred on behalf of CNC/SCOR.

(ii) Agreement with DFO. The Secretary noted that the current four-year Agreement with DFO to financially support the work of the CNC/SCOR expires at the end of March 2003. Neil Campbell reported that the issue of DFO financial support to CNC/SCOR had been raised by himself and the President of CMOS, Ron Stewart, at a recent briefing of the new DFO/Science ADM, Wendy Watson-Wright. The meeting was seen as a positive first step to renew the Agreement. The Secretary will revisit the Agreement with the intent of submitting to DFO a proposal for renewal in the late fall of 2002. **Action: Secretary.**

(iii) Agreement with NRC. NRC financially supports Canada's membership in SCOR by paying the international fees, presently \$18K (US). A formal Agreement between DFO and NRC to this effect is in place. CNC/SCOR Minutes are provided to NRC as a matter of course.

7. Status of SCOR Programs

(i) Existing SCOR Working Groups; WG 106 through 120. A summary of existing SCOR Working Groups has been posted on the CNC/SCOR web site, giving their start dates, meeting dates, and terms of reference. Additionally, Canadian members of SCOR Working Groups have been canvassed for a status report on their individual Working Groups; their reports have also been posted on the web. Maurice Levasseur provided a verbal and written report (attached as Appendix 2) on the most recent status of Working Group 120 (Marine Phytoplankton and Global Climate Regulation: The *Phaeocystis* spp. Cluster as a Model). This report will be posted on the CNC/SCOR web site. **Action: Secretary.** Finally, the Secretary noted that the report of the Mar del Plata SCOR Executive Meeting had just been received – it contains a brief summary of the status of SCOR Working Groups. The Secretary will incorporate this most recent status report into the material already existing on the web. **Action: Secretary.**

(ii) SCOR Scientific Committees; e.g. JGOFS, GLOBEC, GEOHAB, etc. SCOR has been instrumental in the planning and coordination of large-scale ocean research projects for long-term, complex activities. SCOR provides a mechanism to bring together international scientists for this purpose. Updated Canadian status reports on some programs were provided by Maurice Levasseur (SOLAS, attached as Appendix 3), Suzanne Roy (GEOHAB, attached as Appendix 4), and Susan Allen (JGOFS and GLOBEC). The SOLAS and GEOHAB reports will be posted on the CNC/SCOR web site. **Action: Secretary.** There was considerable discussion on how CNC/SCOR, and CMOS, could most effectively continue to interact with Canadian efforts in these large-scale ocean research projects. In this regard, a number of suggestions were made, including the following:

- **CMOS Bulletin Articles.** Articles in the CMOS Bulletin would be useful to provide regular updates on the broader scientific plans and scientific results of SCOR related programs. Allyn Clarke noted that this mechanism had proven quite effective for the WOCE program. Initially, Maurice Levasseur and Suzanne Roy will consider preparing short (one page) articles on the status of SOLAS and GEOHAB for publication in the Bulletin. **Action: Maurice Levasseur, Suzanne Roy.** Over the longer term of the existence of these programs, they will discuss with their Canadian committees the utility of using the Bulletin to post articles of a general nature on scientific findings. **Action: Maurice Levasseur, Suzanne Roy.** CNC/SCOR Members were encouraged to propose to their colleagues the preparation of appropriate Bulletin articles on SCOR programs, Working Group activities, etc. Such articles could be submitted directly to the CMOS Bulletin Editor, Paul-André Bolduc, paulandre.bolduc@sympatico.ca, copied to the Secretary of CNC/SCOR for the sake of information exchange. **Action: All Members.**
- **Letters of Support.** When appropriate, it might be useful for CNC/SCOR to write a letter of support for an emerging program. A case in point is the submission of a Canadian GEOHAB program to NSERC for funding this

fall. Suzanne Roy will review with the GEOHAB community the scope of any such letter from CNC/SCOR, should it be deemed timely. **Action: Suzanne Roy.** Other letters of support will be prepared if a need is defined by CNC/SCOR members. **Action: All Members.**

- **Web Site Hosting.** Most Canadian contributions to large-scale international programs, once funded, have their own web sites. Suzanne Roy enquired as to the possibility of CNC/SCOR hosting the Canadian GEOHAB site until such time as they become a funded program via their NSERC submission. It was agreed that, in principle, CNC/SCOR would encourage any arrangements that would help facilitate launching programs such as GEOHAB, web site hosting included. Suzanne will canvass her GEOHAB colleagues to see if they wish to pursue such an option. **Action: Suzanne Roy.**
- **Support to CNCs.** Canadian National Committees (CNCs) exist, or have existed, for a number of large-scale oceanographic programs. Susan Allen raised the problem of support to CNCs who were no longer viable due to closure of funding support in Canada, even though individuals and agencies in Canada were still participating in the international program. GLOBEC is a case in point, e.g. while Canada-GLOBEC is no longer funded *per se* (it was funded from 1996-2000 by NSERC and DFO), GLOBEC-type research continues actively across Canada but is no longer centrally coordinated. It was agreed that CNC/SCOR might be able to provide a vehicle for continued dialogue for CNCs such as GLOBEC, through making available such capabilities as annual conference calls. Susan will canvass her GLOBEC CNC colleagues to see if they might wish to avail themselves of such support. **Action: Susan Allen.**
- **Representation at International SCOR Meetings.** CNC/SCOR is normally represented at international SCOR meetings. In order for representatives

to be fully briefed on current problems or opportunities with respect to Canadian contributions to SCOR related programs, CNC/SCOR members should alert representatives on important issues of the day. **Action: All Members.** Conversely, Canadian representatives to international SCOR meetings should fully debrief committees/individuals associated with such programs as soon as possible at the conclusion of the international SCOR meeting. **Action: Canadian Representatives to SCOR Meetings.**

- **Special Sessions at CMOS Congress.** It was noted that SOLAS was planning to have a business meeting at the 2003 Ottawa Congress. Likewise, a special theme session on SOLAS is being planned for the science program; this has already been scheduled by the Ottawa Congress Scientific Program Committee (SPC) – Peter Taylor is the SPC Chair, Dick Stoddart is a member of the SPC. CNC/SCOR discussed other possibilities for special sessions on SCOR related programs, for 2003 and beyond. GLOBEC and GEOHAB were mentioned as possibilities. Susan Allen and Suzanne Roy will investigate the interest in having such special sessions at the Ottawa Congress. **Action: Susan Allen, Suzanne Roy.** Also, there was discussion on the desirability of CNC/SCOR to have a permanent position on future SPCs so as to facilitate long term planning and phasing of SCOR related programs into the scientific programs of future congresses. This possibility will be raised at a future meeting of the national CMOS Executive. **Action: Allyn Clarke, Neil Campbell.** (note: see additional discussion on this topic under agenda item #11(iv) below)
- **Special Issues of Atmosphere/Ocean.** The Secretary noted that CMOS had a tradition of publishing, through Atmosphere/Ocean (A/O), special issues devoted to Canadian research programs, most recently NOW (North Water), CLASS (Canadian Land Surface Scheme) and GEWEX (Global Energy and Water Cycle Experiment). The approach has advantages in publishing results into a peer-reviewed summary volume which consolidates Canadian results. A/O has a world-wide reputation of

excellence. The Co-Editor for A/O on the oceanographic side is Diane Masson; she has indicated a willingness to provide advice to CNC/SCOR members on the suitability, timing, content, processes, etc. relative to publishing a special issue of A/O on any of the SCOR related programs in the future. **Action: All Members.**

(iii) SCOR Affiliated Programs; e.g. ATOC, IMAGES, IOCCG, etc. CNC/SCOR has very limited involvement with the current suite of SCOR Affiliated Programs. There were no reports on any of these programs by CNC/SCOR members.

8. New SCOR Working Groups

The call for new SCOR Working Groups, with an end of June 2002 submission deadline, has been promulgated internationally and has been published in the CMOS Bulletin, posted on the CNC/SCOR web site, and provided to CNC/SCOR members by email. Also contacted were proponents of previously submitted Working Group (i.e. Richard Rivkin at Memorial in Newfoundland and Ken Lee at BIO). Both have opted not to resubmit revised versions of their proposals for re-evaluation.

François Saucier briefed CNC/SCOR on a possible submission for a new SCOR Working Group on freshwater influences in the marginal seas of northern environments. The proposed work would have to be fleshed out by potential participants, and would likely entrain scientists from a number of high latitude countries; emphasis would be on modelling shelf areas in northern environments, including areas affected by ice cover, but not necessarily exclusively so. There was considerable enthusiasm by CNC/SCOR members in encouraging François Saucier to develop a Working Group proposal in time for review and submission by the end of June 2002 deadline. **Action: if time permits, François Saucier.**

The Secretary also noted that, in late summer, new Working Group proposals from other countries would be circulated by international SCOR for review prior to the Oct. 1-5, 2002 meeting in Sapporo. CNC/SCOR will have to ensure that 1-2 experts in Canada review these proposals to ensure that proper science advice is available on the usefulness, or not, of the new Working Group proposals. The Secretary will canvas

CNC/SCOR members as to appropriate Canadian experts who could be approached to review these proposals, once they are received. **Action: Secretary.**

9. SCOR International

(note: this agenda item was discussed subsequent to agenda item #11(iv) below)

(i) Sapporo Annual Meeting. SCOR has scheduled its 2002 General Meeting for Sapporo Oct. 1-5, 2002. There was a call for nominations for some positions on the SCOR Executive, due the end of May 2002. After discussion it was decided that CNC/SCOR would not propose any Canadians, for the present round, for consideration on the SCOR Executive; the Secretary will communicate this to SCOR. **Action: Secretary.** The CNC/SCOR discussed the delegation to Sapporo. Normally the CNC/SCOR Chair and Secretary would attend the SCOR annual meeting. It was decided to nominate Dick Stoddart as the principle delegate, and, if there turns out to be a proposal for a new Working Group from Canada (see agenda item #8 above), to send the proponent to present the proposal and answer questions. The final make-up of the delegation will await the decision on potential proponents of new Working Groups to see if they wish to submit a proposal this year. **Action: Executive Committee.** NRC, as part of their agreement to pay the international fees to SCOR (see agenda item #6(iii) above), requires a meeting report from the Canadian delegation. On its part, NRC issues a set of marching orders before such meetings, mainly to make sure the Canadian delegation does not vote for excessively high membership fees.

(ii) Potential Hosting of Future SCOR Meetings by Canada. Informal queries have been made, with NRC and with SCOR international, about the possibility of Canada hosting a future SCOR General Meeting in Canada, around the time frame of 2006 (it would be our "turn" about then). The idea would be to host such a meeting in concert with a scientific conference – Bill Miller has been approached with respect to a possible national SOLAS conference about that time. There have been various problems identified by partners about the

hosting of such a meeting, NRC with the logistics and cost, SCOR international with the timing of possible back-to-back meetings in North America, and SOLAS with funding availability which presently runs out prior to Oct. 2006. Due the problems identified, it was decided that CNC/SCOR should just test the waters in Sapporo with respect to Canada hosting a SCOR meeting in 2006 by indicating that we were investigating alternatives and seeking advice of SCOR international on any such meeting. **Action: Secretary.**

10. Report on CNC/ECOR Activities

Charles Schafer, immediate past-Chair of CNC/ECOR, noted that a full report on Canadian ECOR activities had recently been published in both the CMOS 2001 Annual Review, and the April 2002 issue of the CMOS Bulletin. Effective January 2002, Jim Collins, University of Victoria, is the new CNC/ECOR Chair. The ECOR international secretariat office has moved from Memorial, Newfoundland, to the Royal Institution of Naval Architects (RINA), London, UK. The move will have benefits for ECOR in that it will be more closely allied with the some 6500 members of RINA.

Charles Schafer proposed that CNC/ECOR and CNC/SCOR investigate joint opportunities for collaborative work. A potential topic of immediacy was proposed as a mix of science and engineering relative to the characterization, dynamics and cleansing of polluted seabeds. Given the available expertise and interest in this topic in ocean science, and past involvement of several ECOR members (Charles Schafer, Jacques Locat, Dave Thomas) it was considered useful to have a meeting of potentially interested participants at the upcoming 2nd International Symposium on Contaminated Sediments, Quebec City, May 26-28, 2003. Such discussions could lead to the formulation of a joint SCOR/ECOR working group on the topic. It was decided to ask Bjorn Sundby and Charles Schafer to develop a short discussion paper on the topic for the consideration of both CNC/SCOR and CNC/ECOR. **Action: Bjorn Sundby, Charles Schafer.**

11. CNC/SCOR Issues and Activities

(i) Web site. CNC/SCOR now has a dedicated web site, hosted by CMOS, with the simplified URL of www.cncscor.ca. The Secretary reported that he had taken the web site as far as he could with respect to scientific content and was now looking to members to suggest additional material. **Action: All**

Members. CMOS is presently undertaking an initiative that would gather and publish the titles of completed Masters and PhD theses in atmospheric and oceanographic sciences – the CNC/SCOR Secretary has offered to help with the oceanographic component of the initiative, and the results could be posted and updated on the CNC/SCOR web site. **Action: Secretary.** Discussion by CNC/SCOR members suggested a number of other possible initiatives, such as news worthy items, jobs, research opportunities, list of contacts, etc., all of which will require the input of the community. The Secretary will attempt to start gathering typical information that could be placed on the CNC/SCOR web site, and will solicit input and ideas over the coming months. **Action: Secretary.** The concept of this web site evolving into a more broadly mandated activity, to cover off such aspects as the oceanographic components of WCRP and related programs was discussed. The Secretary was asked to investigate the availability of a more universal URL (OceansCanada, oceanographyCanada, or the like) in the event that this concept comes into favour and URL registration (reservation) is needed. **Action: Secretary.**

(ii) Articles for CMOS Bulletin. This item was covered under agenda item #7(ii) above.

(iii) Brochure. A brochure on CNC/SCOR was prepared and distributed to members. It, along with a similar brochure on CNC/ECOR, was also made available to CMOS Congress participants at the CMOS exhibit booth. The

brochure will be adjusted to change an error in Bjorn Sundby's affiliation, and will be formatted in such a way that CNC/SCOR members will be able to print the brochure directly from the web site; e.g. the column widths will be adjusted so that the brochure can be folded into three equal panel widths. The Secretary will inform members as to when the brochure is available for printing directly from the web site. **Action: Secretary.**

(iv) Membership. A proposal to regularize CNC/SCOR membership had been sent to members by the Chair for comment on April 11, 2002. The concept was one of trying to limit terms of office so as to ensure a regular turn over of members. In general CNC/SCOR members were in agreement that procedures should be put in place that would see an orderly influx of new members on a regular basis. Two general principles were agreed upon: (a) membership should be such that the wide disciplines of interest to SCOR should be covered as far as is practical, and (b) representatives of SCOR programs should be invited to be *ex-officio* members of CNC/SCOR. The following guidelines were agreed to in principle:

- members of CNC/SCOR serve as individuals in their scientific capacity, not as agency representatives.
- terms should be three years, once renewable.
- a maximum of six years for any one member, ex-officio or not, with the possible exception of individuals who had served as Chair and would need additional time to serve a commitment of three years as past-Chair.
- “nominated” members of SCOR should be within the lifetime of their six year commitment to CNC/SCOR.
- the term of Chair should be for a non-renewable term of three years, and then a maximum of an additional three years as past-Chair to ensure continuity.

- *ex-officio* members should include representatives of the large-scale SCOR related programs (such as GEOHAB, SOLAS, etc.), a Canadian IAPSO representative, a representative of the CMOS Scientific Committee, representatives of other large-scale ocean programs (such as the oceanographic components of CNC/WCRP) and any others deemed useful by the CNC/SCOR (CASES was mentioned as a possibility), and any eventual Canadian members of the international SCOR executive.

A strawman on disciplinary considerations for make-up of CNC/SCOR membership was proposed by Allyn Clarke along the following lines: marine biology, lower trophic. bacterial, benthos, modelling, air/sea, large scale processes, arctic. Other possibilities suggested were paleo-oceanography and near shore processes. Since this was a concept that had not been discussed to any great degree, Allyn Clarke agreed to give the proposed guideline additional thought, and he welcomed additional input on the strawman from CNC/SCOR members. **Action: Allyn Clarke, All Members.**

Ken Lee indicated a willingness and desire to step down as Chair. He agreed to stay on as past-Chair, given the above noted guideline that the past-Chair should serve for an additional three years to ensure continuity. It was decided that the make up of the CNC/SCOR would consist of the members that had not yet completed six years, or would be a member because of the above noted criteria that the past-Chair would continue to serve for an additional three years. It was further decided that a CNC/SCOR Executive Committee should be formed of the Chair, the past-Chair, and the Secretary to ensure the orderly implementation of programs on an inter-session basis – that is program decisions should not necessarily await the convening of a full CNC/SCOR meeting. In the interim it was decided that the Executive Committee would be composed of Ken Lee, Bjorn Sundby and Dick Stoddart, and they would have a mandate to implement the decisions of the May 25th meeting insofar as is feasible, and to fill out the roster of CNC/SCOR members given the guidance provided at this meeting. **Action: Ken Lee, Bjorn Sundby, Dick Stoddart.**

As a first start of a new CNC/SCOR committee, members would be Ken Lee, Bjorn Sundby, Susan Allen, Rob Macdonald. New members proposed prior to the meeting would be approached so as to determine their expertise relative to the strawman disciplinary model noted above, and, their willingness to serve, namely: Jinyu Sheng and Y.R. Rao. **Action: Executive Committee.** Dick Stoddart would continue to act as Secretary. Neil Campbell would serve as a member to ensure liaison between CNC/SCOR and CMOS. Ex-officio members would be solicited from amongst the SCOR related programs noted previously (SOLAS, etc.). **Action: Executive Committee.** All existing members of CNC/SCOR would continue as members until such time as a suite of new members had been found. Once the immediate roster of CNC/SCOR members had been determined, including ex-officio members, and their disciplinary expertise established, all existing members would be canvassed to provide the names of possible new members against the (to be revised) Allyn Clarke strawman noted above, with the Executive Committee mandated to make appropriate appointments over the coming months. **Action: Executive Committee.**

(v) Special Session at CMOS Congress. The issue of hosting a special session on SCOR at the Rimouski Congress was pursued by the Chair and the Secretary. Canadian members of SCOR Working Groups were canvassed as to the possibility of presenting the status of their Working Group initiatives – there were no volunteers. The abstracts of submitted papers were reviewed with the idea of placing SCOR related papers into a common session – no such papers were found. The final solution was to have a plenary presentation at Congress, made by Bjorn Sundby, on the objectives and activities of SCOR, outlining the benefits of Canadian ocean scientists being involved with SCOR Working Groups and programs, with a concluding invitation to Canadian oceanographers to become actively involved in SCOR programs. Bjorn Sundby's Power Point plenary presentation will be placed on the CNC/SCOR web site. **Action: Secretary.** In the future it was agreed that it would be more beneficial to the community to have special SCOR sessions at CMOS Congress to

be focused on specific programs, such as SOLAS, etc. Peter Taylor joined the CNC/SCOR meeting for a short time and was briefed on a number of issues raised by CNC/SCOR, possibly the most important being the identification of potential theme sessions for the Ottawa Congress. While appreciating the input from CNC/SCOR, it was clear that if any firm proposals were eventually put forward by CNC/SCOR, the Scientific Program Committee would be looking for a champion for such a session who could help invite speakers, particularly the keynote speakers, and ensure the success of the theme session by making sure that a proper slate of papers on the topic area would be forthcoming. **Action: All Members.**

12. Discussion on Inter-Relationships Between SCOR and CMOS

Many of the topics that could have been discussed under this agenda item were already covered previously, as noted above, including: use of the Bulletin by SCOR related programs, use of the mechanism of special issues of A/O for publishing consolidated findings of Canadian SCOR programs, CMOS hosting of the CNC/SCOR web site, theme sessions on SCOR programs at Congress, and membership exchanges on SCOR and CMOS committees. It was recognized that not all oceanographers and not all disciplines were represented in either CMOS or SCOR. Continuing efforts will have to be made by CNC/SCOR to ensure liaison with other oceanographic programs, such as Canadian efforts under the ocean components of the WCRP and its constituent programs such as CLIVAR, CLIC, etc.

It was recognized that many Canadian ocean scientists participate in conferences in other countries, such as the USA, since their activities are often aligned with international programs being sponsored out of those other countries. Also, international conferences often attract like-minded colleagues from other countries who would not normally attend conferences in Canada, and it is deemed essential for Canadian scientists to participate in such international conferences to ensure professional and program development. In spite of this, it was felt by many that

CMOS Congress was the conference that most closely approximated Canadian ocean science interests in general, and that CNC/SCOR should continue to bring programs and expertise closer together by encouraging, amongst other things, theme sessions at CMOS Congress in areas that would broaden participation by the ocean science community, and thereby ensure that CMOS becomes more inclusive where appropriate. It was noted that CMOS Congress was in close proximity, time wise, to other conferences that attracted Canadian ocean scientists. In this regard it was suggested that Allyn Clark review with the CMOS Executive the timing of Congress with the thought that adjustments might allow greater participation of Canadian scientists in CMOS Congresses in the future. **Action: Allyn Clarke.**

13. Timing and Location of Future Meetings of CNC/SCOR

It was agreed that the next face-to-face meeting of CNC/SCOR would take place in conjunction with the Ottawa CMOS Congress, June 2-5, 2003. **Action: Executive Committee.** Also, a CNC/SCOR conference call will be scheduled for the fall of 2002 to ensure the maintenance of the current momentum of CNC/SCOR initiatives and to discuss possible new opportunities. **Action: Executive Committee.**

14. Other Business

There were no other business items introduced by members.

15. Adjournment

The meeting adjourned at 1:35 p.m.

Appendix 1

Progress Report, to May 11, 2002, on CNC/SCOR Action Items from the January 28, 2002 *ad hoc* meeting

	Jan. 28 "Notes" Reference	Topic	Member Responsible	Status
1	2	Contact Carl Amos re a write-up on status of WG 106, Sea Level/Muddy Coasts	Ken Lee	Completed
2	2	Contact Ron MacNab re write-up on status of WG 107, Global Bathymetry	Ken Lee	Completed
3	2	Contact Barry Ruddick re write-up on status of WG 108, Double Diffusion	Dick Stoddart	Completed
4	2	Contact Leslie re write-up on status of WG 112, Groundwater Discharge	Bjorn Sundby	Completed
5	2	Contact Bernie Boudreau re write-up on status of WG by WG 114, Marine Sediments	Bjorn Sundby	Completed
6	2	Contact Dave Farmer re write-up on WG 118, Marine Life Technologies	Dick Stoddart	Completed
7	2	Contact Mike Scinclair re write-up on WG 119, Marine Ecosystem Change	Ken Lee	Completed
8	3	Post "call" for new SCOR WGs in the CMOS Bulletin (April edition), and on the CNC/SCOR web site	Dick Stoddart	Completed
9	3	Make available general information on SCOR, and its working groups and related programs at the CMOS Congress Booth in Rimouski	Dick Stoddart	Completed
10	3	Suggest to François Saucier to prepare a proposal for a new SCOR WG on Ocean Modeling/Ice-infested Enclosed Seas	Bjorn Sundby	Completed
11	3	Report to Susan Allen on discussions with Ed	Dick Stoddart	Completed

		Urban on a possible WG on Marine Observing Platforms		
12	3	Report to Ken Lee on discussions with Ed Urban on a possible WG on Cumulative Effects/Oil and Gas Discharges	Dick Stoddart	Completed
13	3	Investigate a possible new WG proposal on Coastal Eutrophication	Bjorn Sundby	Completed
14	4	Initiate a special session on SCOR at CMOS 2002 Congress	Ken Lee	Completed
15	4	Prepare a SCOR a contextual overview paper for a special session at CMOS Congress	Bjorn Sundby	Completed
16	4	Arrange for the SCOR Special Session at CMOS Congress to include individual papers on the status of some current SCOR Working Groups.	Ken Lee	Contacted, no volunteers
17	4	Arrange, with François Saucier, for additional SCOR-related papers to be included in the SCOR Special Session at CMOS Congress	Ken Lee	Completed, no relevant papers were found
18	4	CMOS to provide space for CNC/SCOR within the CMOS Booth at Rimouski, and CNC/SCOR to develop appropriate resource material for display and/or distribution	Ken Lee Bjorn Sundby Neil Campbell Dick Stoddart	Completed
19	5	Secretary, and CNC/SCOR members, to identify opportunities and likely writers, using readily available material, for SCOR articles for the CMOS Bulletin and the web	Dick Stoddart All Members	Ongoing
20	6	Invite Charles Schafer to attend the CNC/SCOR meeting in Rimouski to discuss joint interests and concerns.	Ken Lee	Completed
21	7	Secretary to pay a personal visit to Ed Urban to ensure closer contact and proactive interaction between CNC/SCOR and SCOR international	Dick Stoddart	Discussions ongoing

22	7	Investigate possibilities of hosting an international SCOR meeting in Canada in conjunction with a major international conference. A SOLAS results conference in 2006 might be an opportunity.	Bjorn Sundby	Initial contact made, issue is ongoing
23	8	Expand the current 6 members of CNC/SCOR, and 1 <i>ex-officio</i> member, to ensure a broader participation base, to 10 members and possibly 3 <i>ex-officio</i> members.	Ken Lee	Ongoing
24	8	Regularize the "terms" for membership on CNC/SCOR; the model suggested was for a three-year term, once renewable.	Ken Lee Dick Stoddart	Ongoing
25	8	Draft a letter to potential CNC/SCOR members, to solicit their potential interest in serving on CNC/SCOR.	Ken Lee Dick Stoddart	Ongoing
26	9	Make the CNC/SCOR web site more useful, particularly with proactive progress reports on SCOR working groups and research projects.	Dick Stoddart All Members	Completed
27	10	Review all action items of the 2001 CNC/SCOR AGM.	Ken Lee Dick Stoddart	Completed
27.1	10.1	Investigate with Dr. Richard Rivkin the status of the new working group on Canadian involvement in JGOFS.	Andre Bolduc	Completed
27.2	10.2	Determine the url for GEOHAB science plan	Andre Bolduc	Completed
27.3	10.3	Report to DFO on 2001 SCOR Meeting	Andre Bolduc	Completed
27.4	10.4	Investigate a new and more up-to-date SCOR publication on governing principles and working group listings	Andre Bolduc	Ongoing
27.5	10.5	Merge Bjorn Sundby's information report with the information provided by CNC/Members. Distribute and publish on the web an up-to-date list of WGs.	Andre Bolduc	Completed
27.6	10.6	Write a letter requesting financial support for Soviet Union and developing countries to cover living cost (lodging, food and	Andre Bolduc	Completed

		local transportation) at the Chapman Conference in Montréal in the fall of 2002	Ken Lee	
27.7	10.7	Review issues raised by SCOR at their annual meeting, distribute them to members and arrange a conference call in the fall if required	Andre Bolduc	Completed
27.8	10.8	Determine Canadian delegates to the 2001 SCOR Executive meeting in Argentina.	Ken Lee	Completed
27.9	10.9	Arrange a 1/2-day CNC/SCOR Session at the 36th CMOS Annual Congress in Rimouski in 2002	Ken Lee	Completed, SCOR overview presented
28	11	Determine the usefulness of a conference call prior to CMOS Congress, possibly in April 2002.	Ken Lee	Completed, not required
29	11	Circulate the notes from the Jan. 28, 2002 meeting to all CNC/SCOR members for information and feedback.	Dick Stoddart	Completed

**SCOR Working Group 120 on Marine Phytoplankton and Global Climate
Regulation: The *Phaeocystis* spp. Cluster as a Model**

**Status Report
May 25, 2002**

prepared by M. Levasseur (associate member)

Members of the WG 120 held their first meeting at the University of East-Anglia, Norwich, UK, on March 7-9, 2002. The goals of WG 120 are to develop key scientific guidelines for research on marine phytoplankton and global climate regulation and to identify gaps in knowledge on marine research in relation to global climate regulation. The group will maintain close relationships with the new IGBP SOLAS (Surface Ocean – Lower Atmosphere Study) program, the Intergovernmental Panel on Climate Change (IPCC) and the Planning Committee on the future Global Change Ocean Research in IGBP/SCOR.

The meeting was well attended (28 scientists from 11 countries) and very busy. As expected for a first meeting, most of the time was devoted to short presentations (and posters) on relevant topics followed by animated discussions. It is quite clear from this first meeting that the focus of the WG need to be better defined (should we focus solely on *Phaeocystis* as a model or on the biogeochemistry of climatically relevant gases?). Full members of the WG met after the meeting and certainly addressed this question. The minutes are not available yet.

**SOLAS Canada Status Report
May 25, 2002**

prepared by M. Levasseur

The Canadian SOLAS program was evenly funded for 5 years (July 2001-July 2006) through the Natural Science and Engineering Research Council (NSERC) and for 3 years (renewable) by the Canadian Foundation for Climate and Atmospheric Sciences (CFCAS). Fisheries and Oceans Canada supported the program to roughly the same level as the NSERC and CFCAS, mainly through ship time (89 days). C-SOLAS involves 43 Canadian researchers (20 university, 21 government, 1 industry) from 14 partner institutions: 9 Canadian Universities, 5 Canadian Government Institutions; and collaboration with 5 countries. It includes leading Canadian scientists in areas of ocean biogeochemistry, atmospheric chemistry, physical oceanography, and ocean-atmosphere modelling. A web page is available at <http://is.dal.ca/~millerwl/solas/SOLASdwnld.html>

Major field activities

2002 - Subarctic Ecosystem Response to Iron Enhancement Study (SERIES)

A 64 km² area of the the NE Pacific will be fertilised with iron and marked with SF6 in July 2002. Three ships are involved: J.P. Tully, El Puma and Kayio-Maru. 40 scientists

will be going to sea with the expedition which aims at determining the influence of iron addition on the sequestration and production of climatically relevant gases (CO₂, DMS and organohalogenes).

The preparation of this cruise is progressing well and entering its final stage. Several planning meetings have been held: Vancouver in July 2001, Honolulu in February 2002, Montréal in April 2002. A final pre-cruise meeting is planned for June 2002.

2003 - Seasonal cycle in the NW Atlantic (including a dedicated spring bloom cruise)

Three cruises are planned in the NW Atlantic in 2003 (April, July and September). The aim of this major subproject is to capture most of the spatio-temporal variation of the processes responsible for the sequestration/production of climatically relevant gases in the different biogeochemical provinces.

Planned meeting

The C-SOLAS scientific committee is planning a C-SOLAS special session during the 2003 CMOS Congress (Ottawa). This will also include student support for travel, additional workshop activities, and a meeting of the C-SOLAS Board of Directors. A planning workshop for the Atlantic cruises could also be held during the Congress.

C-GEOHAB : A NEW CANADIAN SCOR PROGRAM IN PREPARATION

Prepared by Suzanne Roy

24 May 2002

Since September 2001, two major steps were undertaken towards the realisation of a Canadian GEOHAB program. The first one was a DFO-sponsored meeting in October 2001 in Montreal, where harmful algal specialists and other interested scientists from government agencies and Canadian universities met to present relevant on-going work and to discuss potential Canadian contributions in a future Canadian GEOHAB program. A technical report prepared by J.L. Martin summarised the outcome of this meeting (a copy is brought on display). One of the recommendations of this meeting was that a Research Network on the Ecology and Oceanography of Harmful Algal Blooms be formed and that financial support be requested from NSERC and from government agencies, namely DFO. A joint program between DFO and Universities is considered, as was done for the SOLAS program, since the expertise on harmful algae is spread out between these institutions in Canada.

In order to prepare a Canadian Science Plan for C-GEOHAB as well as a Research Network request to NSERC, a further meeting was deemed necessary, where a concrete program would be elaborated. Since DFO had supported the first meeting,

university scientists offered to look for financial support this time, so a grant request to the International Opportunity Fund of NSERC was sent early May 2002 to support a meeting planned for late August 2002.

If all goes well, a Research Network grant request should be sent away to NSERC during this fall, to hopefully start the research program in summer 2003.