

**VERSION 1.1****XXX SCAR Delegates Meeting,  
Moscow, Russia, 14–16 July 2008****Annotated Agenda**

*In the interests of efficiency, papers are classified as either Working Papers (WP), which are essential for the conduct of business, or Information Papers (IP).*

**1. Opening Business**

## 1.1 Welcome, and Opening Remarks (IP 1)

C. Rapley, President of SCAR, will formally open the meeting at 0900 and welcome Delegates and observers to Moscow and the home of the Russian Academy of Sciences. He will briefly review 'The State of SCAR', summarising SCAR's main challenges and successes over the 2-year period since XXIX SCAR met in Hobart, and referring to the Annual Reports for 2006 and 2007 (see IP 1). And he will lay out the main tasks and priorities for the current meeting.

Unless otherwise noted below, the President will introduce all agenda items.

## 1.2 Adoption of the Agenda and Timetable (WPs: 1, 2, 3, 4)

If necessary the Executive Director will provide a revised list of documents.

***Delegates will be asked to adopt the draft agenda [WP 01], the draft annotated agenda [WP02], the list of documents [WP03], and the draft timetable for the meeting [WP04], suggesting additions and modifications where appropriate.***

***Delegates will be asked to approve the appointment of M.C. Kennicutt (USA) to chair the meetings of the Delegates Committee on Scientific Affairs and of A. Meloni to chair the meetings of the Delegates Committee on Outreach and Administration.***

These two committees should meet in parallel session. The distribution of agenda items between the Plenary meeting and the two Delegate Committees is shown in the draft timetable.

***IN ACCORDANCE WITH THE RULES OF PROCEDURE, DELEGATES OF ASSOCIATE MEMBERS AND OBSERVERS WILL LEAVE THE PLENARY SESSION DURING SESSION 2, ON THE ADMITTANCE OF NEW MEMBERS.***

***APPLICANTS WILL LEAVE WHILE THEIR CASES ARE CONSIDERED.***

**2. Membership**

The President will introduce this item noting that approaches have been made in addition by the Secretariat to Belarus, Austria and the Czech Republic.

### 2.1 Application of Malaysia for Full Membership (WP 5 i)

The papers for this application were distributed with *SCAR Circular* no 775. The Delegate from Malaysia will present the application for full membership of SCAR (WP 5i). ***Delegates will discuss the application in closed session to decide whether or not Malaysia should be admitted to Full Membership.*** The Delegate from Malaysia will then be invited to rejoin the Plenary, and the decision will then be communicated to him.

### 2.2 Application of Romania for Associate Membership (WP 5 ii)

The papers for this application were distributed with *SCAR Circular* no 775. The Observer from Romania, or their representative, will present the application for Associate Membership [WP 5 ii]. ***Delegates will discuss the application in closed session to decide whether or not Romania should be admitted to Full Membership.*** The representative from Romania will then be invited to rejoin the Plenary, and the decision will then be communicated to him.

### 2.3 Application of International Astronomical Union (IAU)(WP 5 iii)

The papers for this application were distributed with *SCAR Circular* no 775. The Observer from IAU, or their representative, will present the application for Union Membership [WP 5 iii]. ***Delegates will discuss the application in closed session to decide whether or not IAU should be admitted to Union Membership.*** The Observer from IAU, will then be invited to rejoin the Plenary, and the decision will then be communicated to him.

## 3. SCAR Officers

### 3.1 Notification of elections

Owing to the premature retirement of the President, the Office of President falls vacant at the end of the meeting. ***Delegates will elect a new President for the period 2008-2012 to replace C. Rapley, who will become Past-President for a term of 2 years.***

The Offices of two Vice-Presidents (M.C. Kennicutt, and Z. Zhang) fall vacant at the end of the meeting, the incumbents having completed their appointed terms of Office. ***Delegates will elect two new Vice Presidents for the period 2008-2012.***

### 3.2 Revised election procedure (WP 6)

Recognising that at the time of the elections, all being well, SCAR will be a new legal entity - a Company Limited by Guarantee – and also a Charity - we have followed advice in streamlining the election procedure (WP 6). Once approved, the new election procedure will become part of the revised Rules of Procedure (which will be discussed under agenda item 8.5). SCAR's new legal status will be discussed under agenda item 8.4.

The President will call for volunteers to act as the 3 scrutineers.

***Delegates are asked to approve the revised election procedure set out in WP 6, and the appointment of 3 scrutineers.***

The election will take place according to the following timetable: (i) nomination forms must be submitted to the Secretariat by 1700 on the second day of the Delegates meeting; (ii) on the morning of the third day of the meeting, the Secretariat shall inform the Delegates in writing of all nominations; (iii) during the third day the Secretariat shall distribute ballot forms, which will be duly processed by the scrutineers; (iv) results will be communicated to the Delegates by the President prior to the conclusion of the meeting.

### 3.3 Appointment of Standing Finance Committee

***Delegates will appoint any replacements that may be necessary to the Standing Committee on Finance, the current members of which are S. Marensi (Chairman, Argentina), R Dietrich (Germany) and C. Kennicutt (USA).***

### 3.4 Appointment of XXX SCAR Finance Committee

On the advice of the Chairman of the Standing Committee on Finance, and bearing in mind the need for geographic balance:-

***Delegates will be asked to appoint two additional members from among the Delegates and Alternate Delegates present, to augment the Standing Committee on Finance and so form the XXX SCAR Finance Committee for the duration of the meeting.***

## 4. Reports, Recommendations and Reviews of SCAR Science Groups

M.C. Kennicutt will introduce this item. Background information on progress in the science groups and JCADM is provided in the Annual Report for 2007 (IP 1).

He will remind Delegates of the need to appoint up to 4 representatives to each SSG to ensure that SCAR can operate effectively and represent the interests of each Member.

It is expected that immediately prior to the meeting (i.e. on Sunday July 13<sup>th</sup>) Delegates will have received copies of the reports of the three Standing Scientific Groups that met between July 5 and 7, 2008 (WPs 7, 8, and 10). They should already have seen the report on the activities of JCADM (WP 11). These reports will contain Recommendations that are classified as internal (being for national committees) or external (being to organizations with which SCAR interacts).

***Under the following agenda items, Delegates will review the operation and progress of the SCAR SSGs and JCADM, based on the reports of the Chief Officers, and decide what changes, if any, need to be made. Having suggested amendments where appropriate, Delegates will be asked:-***

- (i) to approve the SSG and JCADM reports (4.1 through 4.4 below).**  
Approval means approval of the structure of the body providing the report, and its general business plan and, in principle, its proposed budget (pending discussions under item 10, on finance).
- (ii) to adopt any new Recommendations that have been proposed as external.**
- (iii) to request the SCAR Secretariat to bring the internal and external Recommendations to the attention of the appropriate body.**

#### 4.1 Report of SSG Geosciences (WP 7; IP 1)

The Chief Officer, A Capra (Italy), will present a summary of the report of the SSG on Geosciences [WP 7], as the basis for discussion.

#### 4.2 Report of SSG Life Sciences (WP 8; WP 9; IP 1; IP 2)

The Chief Officer, A H L Huiskes (Netherlands), will present a summary of the report of the SSG Life Sciences [WP 8], as the basis for discussion. He will also introduce a proposal to merge the Expert Groups on Birds and Seals into a new Higher Predators Expert Group (WP 9), and the finalised version of the Code of Conduct for Fieldwork (IP 2), which was approved through e-mail consultation, and presented to the ATCM/CEP in Kiev in June 2008.

***Delegates will be asked to comment on, amend if appropriate, and endorse the proposal to merge the Expert Groups on Birds and Seals into a new Higher Predators Expert Group (WP 9).***

***Delegates will also be asked to note the finalised version of the Code of Conduct for Fieldwork (IP 2).***

#### 4.3 Report of SSG Physical Sciences (WP 10; IP 1)

The Chief Officer, M. Candidi (Italy), will present a summary of the report of the SSG Physical Sciences [WP10], as the basis for discussion.

#### 4.4 Report on JCADM (WP 11; IP 1)

The Chief Officer, T. de Bruin (Netherlands), will present a summary of the report of JCADM's activities and plans [WP11], as the basis for discussion. Delegates will review the report with particular reference to: (i) progress in establishing National Antarctic Data Centres (NADCs), (ii) the development and population of the Antarctic Master Directory (of metadata) (AMD) by the Global Change Master Directory (GCMD) staff at NASA, and (iii) the independent external review of JCADM (which will be incorporated as an Annex to WP 11).

It will be noted that COMNAP will cease to co-sponsor the Antarctic Master Directory, their last payment contribution (for 2008) arriving in 2009. At that time it is proposed that JCADM be renamed the SCAR Standing Committee on Antarctic Data Management (SC-ADM).

***Delegates will be asked to approve the JCADM developments and the plan to rename it SC-ADM.***

If it is available by the time of the meeting, JCADM will table the draft of a SCAR data and information strategy as an Information Paper. In that case –

***Delegates will be asked to note this development, to circulate the document for consultation within their national communities, and to feed comments on and additions to the paper to the Secretariat by September 1, 2008.***

#### 4.5 Interdisciplinary Linkages Between SSGs and SRPs (IPs: 3a and 3b)

In order for the Executive Committee to keep closely in touch with progress in the SSGs the practice has begun of including Chief Officers in Executive Committee meetings in odd numbered years. The Executive Committee has found this practice most helpful.

This new practice has provided an additional opportunity – namely for Chief Officers to meet immediately prior to those meetings, to explore how SSGs and other subsidiary bodies might work together better to encourage the development of interdisciplinary scientific activities across SCAR's structural boundaries. The first such CO's meeting took place on July 9-10, 2005, in Sofia, Bulgaria, and the second on July 7-8, 2007, in Washington, DC (IP 3a). Where possible the Chief Officers include those from the three SSGs, plus SC-ATS and JCADM. They report on their deliberations to the Executive Committee meeting.

In addition, Cross-linkages Workshops are now held to bring together the Chief Officers of the SSGs and JCADM with the leaders of the Scientific Research Programmes (SRPs), with the aim of developing specific interdisciplinary linkages and projects. The first such meeting was held in Amsterdam on November 22-24, 2005, and the second in Rome on November 6-8, 2006 (IP 3b). These meetings too have turned out to be useful, but the Executive Committee meeting in 2007 decided that the Workshop proposed for November 2007 should be postponed to allow outstanding actions from the Amsterdam and Rome meetings to be completed.

M. Candidi, host for the Rome meeting, will draw the attention of Delegates to the main outcomes of the Rome Cross-Linkages Workshop (IP 3b). He will report briefly on the extent to which the action items from the Rome and Amsterdam meetings have been met. On the basis of his analysis -

***Delegates will be asked to note and approve progress with linking SSGs and other subsidiary bodies, to suggest improvements where appropriate, and to decide on the time and place of the next Cross-Linkages Workshop.***

#### 4.6 King George Island Science (WP 12)

Delegates agreed that Recommendation SSG-GS XXVIII-6 regarding rationalization of scientific activities on King George Island (KGI) should be discussed again in 2008, and asked Chief Officers of SSGs to work together to develop a joint recommendation on the coordination of scientific activities on King George Island for consideration at XXX SCAR (2008). The Chief Officers considered this matter at their meeting in Washington DC and took their suggestions to the Executive Committee. The Executive Committee recognised the need for improved coordination of science activities on King George Island (KGI), and discussed ways that SCAR could assist coordination among Members with activities on King George Island in such a way as to improve scientific investigations, in particular those that pertain to SCAR activities. Any action by SCAR in this regard must be sensitive to national interests and independence. It was suggested that one way forward might be to identify critical scientific activities not currently conducted on KG Island and to encourage national programmes to expand science activities in these directions. Another might be to encourage coordination using the management mechanism applied in Svalbard, and used there by SCAR Members. EXCOM decided that the KGI Action Group should be expanded to include representatives of countries who have stations on KGI. The AG should be serviced by the SCAR Secretariat, and a KGI workshop should be planned for XXX SCAR. A report on progress will be provided (WP 12).

***Delegates will be asked to decide on the most appropriate way forward for the coordination of KGI science insofar as it affects the interests of SCAR programmes.***

#### 4.7 Progress Against XXIX SCAR Recommendations (WP 13)

External Recommendations from the SSGs that are approved by the Delegates appear in the Report of the Delegates meeting and are also placed on the web site under the heading of the appropriate SSG. It is then up to each National Committee to decide how best to take forward those Recommendations in its own national context (e.g. by forwarding them to the most appropriate agency with a request that the Recommendation be considered).

Delegates at XXIX SCAR asked that Recommendations from the SSGs be written to a common format; the format will be that used in the report of XXIX SCAR. They also expressed concern about the increasing number as well as the utility of Recommendations, and asked that in future SSGs should select only a few Recommendations – those with very high priority. The Executive Committee called on the Secretariat to review past Recommendations and provide a report on their status to Delegates (WP 13).

***Delegates are asked to approve the current Recommendations and those from previous meetings that are to be taken forward.***

### 5. Reports on and Reviews of SCAR Scientific Research Programmes

M. C. Kennicutt will introduce this item. The 5 SRPs were launched at the Delegates Meeting in 2004. It was agreed that they would be subject to external review after 4 years, i.e. at XXX SCAR. Progress reports will be presented by

either the Chairmen of the Steering Committees of the SRPs or by the appropriate SSG Chief Officer (WPs 14 – 18). These reports and the external reviews (WP 19) will provide the basis for discussion.

The SRP Chairs or their representatives will also present their suggestions for rotation of the membership of the SRP Steering Committees.

***Delegates are asked to note progress on the 5 SRPs (below), to note the comments of the reviewers, to endorse the SRP plans, and to suggest improvements and amendments as appropriate.***

#### 5.1 Report on ACE - Antarctic Climate Evolution (WP14; IP 1)

M. Siegert, Co-Chair of the ACE Steering Committee, will present the ACE progress report and plans, and the revised membership of the ACE Steering Committee [WP14].

#### 5.2 Report on AGCS - Antarctica in the Global Climate System (WP15; IPs: 1 and 4)

The Leader of the AGCS Steering Committee, J. Turner, will present the AGCS progress report and plans, and the revised membership of the AGCS Steering Committee [WP15].

J. Turner will also present progress with the AGCS-led Antarctic Climate Change and the Environment (ACCE) Review, with reference to IP 4. Delegates may recall that this is intended to be a southern hemisphere equivalent of the recently completed Arctic Climate Impact Assessment. The first stage of this review addressed the physics of the Antarctic climate system, and was presented to the ATCM in 2007. The second stage incorporates the biological effects of climate change, and was presented to the ATCM in June 2008. It is intended that the completed work will be published in an appropriate journal. This work represents a collaboration between all three SSGs, together with ACE and EBA.

***Delegates will be asked to note this development, to circulate the document for consultation within their national communities, and to feed comments on and additions to the paper to the Secretariat by September 1, 2008.***

#### 5.3 Report on EBA (WP16; IP 1)

The ex officio member of the EBA Steering Committee, A. Huiskes, will present the EBA progress report and plans, and the revised membership of the EBA Steering Committee [WP16].

#### 5.4 Report on ICESTAR - Inter-hemispheric Conjugacy Effects in Solar-Terrestrial and Aeronomy Research (WP17; IP 1)

M. Candidi, a member of the ICESTAR Steering Committee, will present the ICESTAR progress report and plans, and the revised membership of the ICESTAR Steering Committee [WP17].

### 5.5 Report on SALE (WP 18; IP 1)

M C Kennicutt, a member of the SALE Steering Committee, will present the SALE progress report and plans, and the revised membership of the SALE Steering Committee [WP18].

### 5.6 External Reviews of SRPs (WP 19)

The external reviews of each SRP will be made available for the consideration of the Delegates (WP 19)

### 5.7 Proposals for new SRPs (WP 20)

Delegates at XXIX SCAR noted and approved the proposal for a new Scientific Programme Planning Group on Antarctic Astronomy and Astrophysics. A scientific design plan for the new group is likely to be presented at XXX SCAR (WP 20).

***Delegates will be asked to decide whether or not to approve the new programme, and how to fit it into the overall SCAR programme in terms of time and resources (the decision will require consideration of the budget under agenda item 10, as well as consideration of the plans for the other SRPs - above).***

The Executive Committee meeting in Washington DC was informed that a case would likely be made at XXX SCAR for creation of a Programme Planning Group for the POLENET programme - an IPY programme that incorporates what remains of SCAR's ANTEC Expert Group.

***Delegates will be asked to consider the proposal (WP 20), and to decide whether or not the group should be formed, with a view to considering the design plan for an SRP at XXXI SCAR.***

## 6. SCAR, IASC and the IPY

### 6.1 Progress with the IPY

The SCAR President, a member of the Joint ICSU/WMO Committee for the IPY, will introduce this item, reviewing recent IPY developments, plans and likely directions.

SCAR is well represented on the IPY Steering Committee, and is in a good position to influence developments. The 5 SCAR SRPs are lead programmes within the IPY, and many other IPY Antarctic programmes are led by or involve SCAR's Action or Expert Groups. The Chief Officer of JCADM is co-chair of the IPY Data and Information Management Group.

One of the key aspects of the IPY Legacy is the development of observing systems. The call to maintain, establish and enhance observing systems in the



polar regions was reinforced during 2007 by Resolutions from both the Arctic Council and the ATCM, as explained in SCAR Circular 772. SCAR is developing the Pan-Antarctic Observations System (PAnTOS) Action Group, and has called on Members to nominate representatives to PAnTOS (Circular 772, 19 Dec 2007). PAnTOS will help deliver a coherent set of Pan-Antarctic, long-term, and multidisciplinary observations from Geospace to the Earth's surface, that we need to make as the basis for describing current environmental conditions in the Antarctic, for understanding the climatic changes that are underway, and for making forecasts. Of future change. As contributions to PAnTOS, SCAR has already (with WCRP) developed plans for a Cryosphere Observing System (CryOS) (<http://www.eohandbook.com/igosp/cryosphere.htm>), and is currently (with SCOR) developing plans for a Southern Ocean Observing System (<http://www.clivar.org/organization/southern/expertgroup/SOOS.htm>).

***Delegates will be asked to note progress, and to consider how they may best contribute to the development of PAnTOS and SOOS, and the implementation of CryOS.***

## 6.2 The IASC/SCAR Bipolar Action Group (WP 21)

### 6.2.1 SCAR's Role in Managing the IPY Legacy

In order to examine the ways in which SCAR may contribute to managing the legacy of the IPY, SCAR has formed a Bipolar Action Group jointly with IASC (WP 21). BipAG has two main Terms of Reference – to help to improve the way in which SCAR and IASC work together (see 6.2.2, below), and to advise IASC and SCAR on the development of mechanisms to nurture the IPY legacy, with a special focus on the roles of IASC and SCAR. This advice will eventually be fed through to the IPY-JC.

Possible legacies include:

- permanent observing networks (e.g. under the umbrella of PAnTOS);
- greatly enhanced data access and management;
- an enhanced public profile of the polar regions;
- training the next generation of polar researchers;
- sharing logistical information more broadly and more efficiently;
- improved sources and coordination of funding for polar science;
- Improved links between observation, monitoring and modeling;
- Improved understanding of environmental issues.

If it is possible, a report of the first BipAG meeting will be tabled, otherwise a verbal report on progress will be provided.

***Delegates will be asked to note the development of BipAG and to discuss what SCAR's role might be following the IPY, and ways in which SCAR might profitably contribute to managing the IPY legacy.***

### 6.2.2 Developing links with IASC (WP 22)

The Executive Director will report briefly on the other growing links with IASC listed in WP 22.

IASC has been invited to send an observer to the Delegates Meeting.

***Delegates will be asked to note and endorse progress, suggesting other activities as appropriate.***

## 7. SCAR and the ATCM

### 7.1 Report of Standing Committee on ATS (IPs: 5 & 6)

S. Chown (SAfr), Chief Officer of SC-ATS, will present the Reports of the SCAR Observers from XXX ATCM (New Delhi, May 2007)[IP 5], and XXXI ATCM (Kiev, June 2008)[IP 6]. His presentation will include a verbal report on the workshop on the Southern Giant Petrel (Cambridge, May 19-20, 2008).

***Delegates are asked to endorse the reports of the meetings.***

The next ATCM will be in Washington, DC, in spring 2009, and will celebrate the 50<sup>th</sup> anniversary of the signing of the Antarctic Treaty.

The Executive Director will report briefly on the “Antarctic Treaty Summit on Science-Policy Interactions in International Governance”, which is planned to take place in Washington in advance of the ATCM in 2009. The summit will discuss among other things questions such as “How is science linked to the dynamics of the Antarctic Treaty System?” SCAR has been involved in the discussions leading up to the summit, and will be expected to provide a paper for it. The summit is a non-governmental initiative with support from several organisations including the Fulbright programme and the Tinker Foundation. It is being organised by a Board comprising Paul Berkman (USA), Edith Fanta (Brazil), Yeandong Kim (Korea), David Walton (UK), and Oran Young (USA).

***Delegates are asked to note this development.***

The Chair of the CEP was invited to attend the XXX SCAR Delegates Meeting.

The SCAR lecture is an important contribution to ATCMs. Past SCAR lectures included:

- A. Jones (Madrid, 2003; Antarctic Science – Global Relevance)
- R. Bell (Cape Town, 2004; subglacial lakes – SALE)
- S. Chown (Stockholm, 2005; biodiversity and invasive species - EBA)
- V. Masson-Delmotte (Edinburgh, 2006; ice cores – ACE)
- C. Rapley (New Delhi, 2007; climate change – AGCS)
- L. Lanzerotti (Kiev, 2008; Sun-Earth interactions – ICESTAR)

A plan is needed for future SCAR lectures to ATCM and might focus on topics such as:

ice sheet models and sea level change;

marine biodiversity;  
long-term geological perspectives on climate change.

***Delegates are asked to suggest topics and speakers for future SCAR lectures to ATCM.***

#### 7.2 Report on interactions with CCAMLR (IP 7)

The Executive Director will introduce the item on CCAMLR, on behalf of the SCAR Observer to CCAMLR, G. Hosie of the Australian Antarctic Division. There have been two CCAMLR meetings since XXIX SCAR, CCAMLR 25 in October 2006, and CCAMLR 26 in October 2007, both in Hobart. The Executive Director attended CCAMLR 25 along with G. Hosie as one means of further strengthening the links between SCAR and CCAMLR.

The Chairperson of the Scientific Committee of CCAMLR was invited to attend the XXX SCAR Delegates Meeting.

***Delegates are asked to note progress, and comment as appropriate.***

#### 7.3 Report on Interactions with ATCM/CEP (WP 23)

C. Howard Williams (NZ) will report on this item (WP 23). There is a concern in SCAR that we have not quite got it right as far as our work for and relation to the ATCM and CEP are concerned. Prior to its reorganisation, SCAR carried out this work through the Group of Specialists on Environmental Affairs and Conservation (GOSEAC). At the time of the restructuring GOSEAC was dissolved and replaced by SC-ATS, which has a much smaller membership (currently 5), though it can call upon the SSGs for assistance. It is not obvious that we are investing the right amount in either people or money in this important activity. Nor is it clear that we are tackling quite the right blend of tasks. We still offer ATCM and CEP a lot of information, through Information Papers, and carry out some work as requested, through Working Papers, though the workload appears high for a small team. The Executive Committee is persuaded that we need to review our relationship to the Treaty mechanisms, and come up with a revised strategic approach that makes us fully fit for purpose in the context of supplying scientific information that may have a bearing on policy.

Bearing that aim in mind, the SCAR Executive Committee formed the Action Group on SCAR and the ATS in the 21st Century (AG-SATC), to advise SCAR on alternative approaches to managing SCAR's advisory role to the ATS. The group is expected to develop recommendations to be considered by the SCAR Executive Committee and Delegates. The AG-SATC is chaired by C. Howard-Williams (NZ), and will meet in Cambridge on May 22-23, 2008.

***Delegates are asked to note developments, to discuss the implications, and to decide on the future form of SCAR's interactions with the ATCM/CEP. A final decision on this item may have to await the deliberations of the Finance Committee (item 10).***

#### 7.4 Report on Marine Pollution Activities (WP 24)

C. Kennicutt will introduce this item. As a response to the sinking of the M/S Explorer, the Executive Committee decided that SCAR needed to be ready to provide scientific advice on the possible trajectory and effects of a likely oil spill from the sunken vessel, and in other such instances that may occur in the future. To provide such expertise the Executive Committee formed the Action Group on Antarctic Fuel Spills (WP 24).

***Delegates are asked to note developments, discuss the implications and advise on future actions.***

### 8. SCAR Business

#### 8.1 SCAR's 50<sup>th</sup> Birthday Celebration (IP 8)

SCAR celebrates its 50<sup>th</sup> anniversary in 2008. Delegates at XXIX SCAR agreed that a commemorative volume should be published, not least to help young scientists to learn about SCAR's role in stimulating and facilitating international cooperation in pan-Antarctic science. D. Walton and P. Clarkson are co-editing a SCAR anniversary celebration book "Science in the Snow: 50 years of international collaboration in Antarctica", which will have contributors from past SCAR scientists dating back to the IGY and will address scientific highlights and the development of SCAR as an organisation. An outline of the draft should be ready for examination by the Delegates at XXX SCAR (IP 8). The Executive Committee agreed to underwrite the costs of production and to recoup costs through sales over time.

The Executive Committee meeting in Washington also agreed that SCAR should consider publishing a popular booklet on Antarctic science as well as develop a series of papers that summarise the science behind selected key topics in Antarctic science including highlights to inform the public and ATCM about scientific advances. There is no budget for this activity, and no time has yet been found for it.

To mark the 50<sup>th</sup> anniversary, the Executive Director produced a paper on International Collaboration in Antarctica: IPY, IGY, and SCAR. It has been submitted to Polar Record.

As another marker of the 50<sup>th</sup> anniversary, the Executive Committee decided to inaugurate a special SCAR lecture to lead off each of the SCAR Open Science Conferences; this will be called the Weyprecht Lecture in recognition of the man who started the International Polar Year concept that stimulated the coordination of international research in the Polar Regions. The first Weyprecht Lecturer will be Dr Robin Bell of Lamont-Doherty Earth Observatory, who will speak on: "The Gamburtsev Mountains - an unexplored frontier".

EXCOM also agreed that the SCAR Brochure should be published so as to be available during SCAR's anniversary year.

The Secretariat contacted National Committees and the wider SCAR science community to ask for suggestions for celebrating SCAR's 50<sup>th</sup> anniversary, but got few responses. In addition, National Committees were urged to arrange national celebrations of SCAR's 50<sup>th</sup> anniversary. One suggestion was that there should be a SCAR Anniversary session during the 2008 Fall session of AGU.

Keynote papers from the OSC will be published as a Special Issue of Antarctic Science, which can be billed as a SCAR 50<sup>th</sup> Anniversary Volume.

It may also prove possible for Delegates to attend some cultural event in Moscow to celebrate the 50<sup>th</sup> anniversary.

***Delegates are asked to note and endorse progress.***

## 8.2 SCAR Awards (IP 9)

On the basis of advice from the Awards Committee, three awards will be made in 2008 at the Open Science Conference: (i) the medal for Excellence in Antarctic Research, (ii) the medal for International Scientific Coordination; and (iii) the President's Medal. Details will be made available in IP 9.

Nominations will also be considered in advance of the Delegates meeting for Honorary Membership for outstanding contributions to SCAR over a number of years and for Certificates of Appreciation for the provision of services to SCAR over long periods.

***Delegates are asked to note the award of the SCAR medal, and in advance of the meeting to suggest names for Honorary Membership or Certificates of Appreciation.***

## 8.3 SCAR Fellowships (IP 10)

On the basis of advice from a review panel, the Executive Committee meeting in Washington DC approved the award of four SCAR Fellowships in 2007 for the 2007-2008 season, and the Executive Committee meeting in St Petersburg will approve the award of SCAR Fellowships in 2008 for the 2008-2009 season (IP 10).

For the 2007-2008, and 2008-2009 seasons the Delegates at XXIX SCAR agreed that two of the annual SCAR Fellowships in each season could be allocated to support fieldwork in Antarctica as a contribution to the IPY proposal on the 6<sup>th</sup> Continent Initiative (6CI), which is led by the International Polar Foundation with SCAR, IAI and UNEP as partners. Two of the SCAR Fellows were selected by the SCAR review team as candidates for the two 6CI Fellowships, but as they were not from a country with no or a less well developed Antarctic programme, the partners agreed they did not qualify for

support as 6CI Fellows. Instead they were accepted as SCAR Fellows, and no 6CI Fellowships were awarded. In future greater attempts will be made by all the partners to advertise the programme more widely in countries with no or less well developed Antarctic programmes so as to attract high quality applicants from those areas.

***Delegates are asked to note these developments.***

To enable SCAR to expand the Fellowship Programme for the benefit of young scientists, National Committees were asked to provide additional financial support for the programme. US\$2000 was forthcoming in 2007, from South Africa.

***Delegates are encouraged to urge National Committees to provide additional financial support for the Fellowship Programme, which provides good value for money (note the fellowship reports on the SCAR web page at <http://www.scar.org/awards/fellowships/>).***

#### 8.4 New SCAR Legal Status (WP 25)

ICSU requires that all of its subsidiary bodies acquire independent legal status. To establish SCAR as a legal entity with charitable status in the UK required that SCAR be transformed into a Company Limited by Guarantee, and approved by the Charity Commissioners. This required that the Constitution and some of the Rules of Procedure be converted into a Memorandum of Association and Articles of Association.

Delegates to XXIX SCAR approved the Memorandum and Articles of Association in principle, but identified some specific points that need to be examined in relation to the status and powers of the Directors of the Limited Company. An inter-sessional *ad hoc* Working Group chaired by F. Davey (NZ) was formed to work with the Executive Director to examine the proposed Memorandum and Articles of Association in relation to the present Constitution and Rules of Procedure, so as to advise the Executive Committee what changes if any were needed to the documents. The advice was provided to the Executive Committee for consideration at its meeting in Washington DC. The Committee accepted the advice and instructed the Executive Director to work with the lawyers to finalise SCAR's legal and Charity status by 1 January 2008. Working Paper WP 25 reports on the outcomes of the actions by the law firm.

***Delegates are asked to note the new developments.***

#### 8.5 Rules of Procedure (WP 26)

The Rules of Procedure agreed at XXVIII SCAR have been very slightly modified (WP 26) to take into account (i) the transfer of some of them into the Memorandum and/or Articles of Association, or (ii) the transfer of some elements of the old Constitution into the Rules of Procedure. Otherwise there

is no significant change save to the procedure for elections, addressed under agenda item 3.2, above.

***Delegates are asked to approve the revised Rules of Procedure.***

The new Rules of Procedure (WP 26) incorporate as an Annex the Rules of Procedure for Subsidiary Bodies (RoPSS), which were originally presented as Working Paper 33 at XXVIII SCAR. Delegates at that meeting agreed to allow the Executive Committee to approve the Rules of Procedure for Subsidiary Bodies (RoPSS). The President will report to the Delegates on the outcome of the examination of the RoPSS that took place at the Executive Committee meeting in St Petersburg.

***Delegates are asked to note the nature and status of the RoPs for Subsidiary Bodies***

8.6 Partnerships [including e.g. ICSU Unions, SCOR, SCOSTEP, IGBP, GEOSS, WCRP, and IPICS] (IP 11)

SCAR's links with ICSU and its subsidiary and related scientific bodies continue to increase, as reflected in paper IP 11. The Executive Director will provide a brief report.

***Delegates are asked to note and approve progress, commenting as appropriate.***

## **9. SCAR Reporting**

9.1 Report on SC-AGI (Antarctic Geographic Information) (WP 27)

Delegates at XXIX SCAR agreed to upgrade the Expert Group on Geographic Information to the Standing Committee on Antarctic Geographic Information (SC-AGI) and to move it out of the SSG-Geosciences to become a freestanding group under the aegis of the Delegates Committee on Outreach and Administration. Following a transition period, H. Brolsma of the Australian Antarctic Division agreed to be SC-AGI Chief Officer. Delegates asked that there be (i) a close relation between SC-AGI and JCADM, and (ii) a close link to National Committees and people who work with place names. Delegates expressed a wish to re-visit their decision in 2 years to find out if SC-AGI was functioning as it should.

SC-AGI held its first meeting, in Buenos Aires, on 8-10 October 2007. The report of the meeting is given as WP 27.

***Delegates are asked to consider SC-AGI's progress and to approve continuance of the SC-AGI as a Standing Committee.***

9.2 Report on History of Antarctic Research Group (WP 28)

The SCAR Action Group on the History of Institutionalisation of Antarctic Research within SCAR was created at XXVIII SCAR and has held three

meetings: (i) Munich, Germany, July 2005; (ii) Santiago, Chile, October 2006; and (iii) Columbus, Ohio, October 2007. The papers from the first meeting were published in *Polarforschung* in 2007. Papers for the second session are in press and will be published by the Instituto Antartide Chileno. Papers from the 3<sup>rd</sup> meeting are being compiled for publication and will be published in the electronic series of the Byrd Polar Research Center. In addition the chairperson of the History Group, C. Luedecke, organised a session on “Polar History and Institutionalization of Polar Research: The International Polar Years” for the Open Science Conference in St Petersburg, and proposes to publish the results in *Polar Record*.

A proposal is made for the continuation of the group with the aim of producing a synthesis volume on Antarctic Research History (WP 28).

***Delegates are asked to note progress, and to approve continuance of the History Action Group, commenting as appropriate on its proposed programme of work, timetable and budget.***

#### 9.3 Report of XXIX SCAR Meeting (IP 12)

The Report of the XXIX SCAR Meeting is provided as an Information Paper for reference purposes (IP 12).

#### 9.4 Reports of (2) Executive Committee Meetings (IPs: 13, 14)

The Report of the SCAR Executive Committee meeting in Washington DC (July 2007) is provided as an Information Paper for reference purposes (IP 13).

The draft Report of the SCAR Executive Committee meeting in St Petersburg (July 2008) will be tabled as an Information Paper for reference purposes (IP 14).

#### 9.5 Report of XXX SCAR Science Week, St Petersburg (IP 15; WP 29)

The Executive Director will present an informal report outlining the results of holding XXX SCAR Science Week and the Open Science Conference in St Petersburg (IP 15). The Open Science Conference was co-sponsored by IASC, ICSU and WMO, reflecting the desire to take a bipolar approach at the beginning of the IPY.

***Delegates will be invited to comment on the results of the St Petersburg meeting, observing lessons learned that may apply to the organisation and implementation of XXXI SCAR. Delegates will be invited to thank the Russian delegation for hosting the meeting.***

SCAR has now held 3 OSCs (Bremen, Hobart and St Petersburg), and we now have enough information to be able to analyse the pros and cons of using commercial companies to assist in the organisation of these meetings. The Executive Director will present a proposal for managing future OSCs as



an in-house activity, with the goal of minimising the cost of attendance (WP 29).

***Delegates will be invited to approve the proposal for managing future OSCs, while bearing in mind the financial considerations (item 10), commenting as appropriate.***

#### 9.6 Progress in Implementing the SCAR Strategic Plan (IP 16)

The SCAR Strategic Plan 2004-2010 is used as the basis for a biennial Implementation Plan. The Implementation Plan for 2006-2010 is provided for information as IP 16. It will be updated with the actions stemming from XXX SCAR.

***Delegates are asked to note the Implementation Plan and to suggest amendments as appropriate.***

##### 9.6.1 Communications and Publications (IPs: 17, 18)

The SCAR Communications Plan (<http://www.scar.org/communications/>) approved at XXIX SCAR is designed to enable the SCAR Secretariat and National Committees to use effective communications to spread the SCAR message to the wider community. National Committees have a vital role to play in passing on the SCAR message to the wider community at the national level.

***Delegates are asked to ensure that the SCAR Communications Plan is being applied at the national level, and asked to inform the Secretariat about their communications plans regarding SCAR activities.***

As noted at XXX SCAR, it is part of the Communications Strategy to ensure that SCAR has a more uniform corporate image on the web site. To achieve that end, the web pages for the three SSGs have now been migrated from their original sites to the SCAR web site. They will be maintained by the SCAR Administrative Assistant working closely with web coordinators appointed by each SSG.

A sign of the success of the communications strategy is the continuing rise in hits on and downloads from the SCAR web page (IP 17).

SCAR is now publishing all reports and bulletins electronically (IP 17).

***Delegates are asked to note progress, and to encourage National Committees to distribute SCAR documents (Newsletters, Circulars, Bulletins and Reports) nationally, and to appraise their national polar libraries of the availability of SCAR documents on-line.***

Thanks to design assistance from Toni Meloni's group, SCAR has now published a brochure (IP 18).

***Delegates are invited to order copies of the brochure from the SCAR Office for distribution at national level.***

SCAR is developing a merchandising strategy for items such as T-shirts, ties, lapel pins, ballpoint pens, mugs and so on. A number of ties and lapel pins are available.

***Delegates are asked to provide advice on items for merchandising, and encouraged to buy ties and lapel pins for colleagues at home.***

The Norsk Polar Institute (Norway) now acts as the second depository for SCAR documents. The Scott Polar Research Institute (UK) continues to operate as the primary depository.

#### 9.6.2 Capacity Building and Education (WP 30)

Delegates at XXIX SCAR endorsed the Capacity Building Education and Training (CBET) Strategy (<http://www.scar.org/about/capacitybuilding/>). The status of the CBET programme and plans are outlined in WP 30.

The mainstay of the programme continues to be the Fellowship programme (agenda item 8.3, above). The International Antarctic Institute based in Hobart continues to make progress; SCAR is an Associate Member. Over the past year SCAR has assisted with the development of the Association of Polar Early Career Scientists (APECS), which has taken the place of the IPY Youth Group.

In March 2007, SCAR supported the 3rd Malaysian International Seminar on Antarctica - "From the Tropic to the Poles" (21-22 March) and a joint ICSU-SCAR Forum in Malaysia on "Understanding the Implications of Rapid Warming in the Polar Regions to Earth Systems" (23 March).

A meeting of the CBET steering committee was held during the SCAR Business Week in St Petersburg, and a verbal report will be made available as a supplement to WP 30.

***Delegates are asked to note and endorse progress, suggesting additional ways in which CBET can be implemented and offering resources (financial or human) to enable the programme to expand. Delegates are asked to report on their own efforts to implement aspects of the published CBET programme.***

#### 9.6.3 SCAR Services and Products (IP 19)

Delegates are reminded that SCAR manages a number of services, such as the map catalogue, BEDMAP etc., and produces a number of products for the benefit of the wider community (see listing in IP 19). These services and products should have a higher profile in SCAR. The Executive Committee has agreed that there should be an external review to evaluate

each of the services and product groups, so as to identify opportunities for improvements. As a first step the product and services groups were invited to present posters on their activities during the OSC in St Petersburg.

***Delegates are asked to note progress and suggest ways of improving the use and usefulness of SCAR's products and services.***

#### 9.7 Status of National Reporting to SCAR (IP 20)

IP 20 shows the current status of national reporting to SCAR. In most cases the new SCAR Reporting Template is being used.

***Delegates are asked to note progress.***

#### 9.8 Activities of the Executive Committee (oral)

The President will make a brief oral report outlining the activities of the members of the Executive Committee since XXIX SCAR. This constitutes a supplement to the reports of the meetings of the Executive Committee and of Joint Meetings of the SCAR and COMNAP Executive Committees.

***Delegates are asked to note progress.***

#### 9.9 Links with COMNAP (IP 21 & 22)

COMNAP will be invited to send a representative to the Delegates meeting.

The Report of the joint meeting of the SCAR and COMNAP Executive Committee in Washington DC (July 2007) is provided as IP 21.

The Draft Report of the Joint Meeting of the SCAR and COMNAP Executive Committees in St Petersburg (July, 2008) is provided as IP 22.

The SCAR and COMNAP Secretariats managed to arrange that the COMNAP and SCAR meetings in 2008 did not overlap, so enabling COMNAP representatives to attend the SCAR meetings should they so wish, and vice versa.

The SCAR and COMNAP Secretariats plan to interact during a one-day session at the SCAR Secretariat in Cambridge on February 6, 2008.

COMNAP will be invited to assist in production of the SCAR Lecture to the ATCM.

COMNAP was invited to provide input to the consultation on the Code of Conduct for Fieldwork.

***Delegates are invited to note progress.***

#### 9.10 Activities of the SCAR Secretariat (IP 23)

Information Paper IP 23 lists the main activities of the SCAR Secretariat since SCAR XXIX. In March 2006, Dr. M. Kaczmarek (Poland) left the Secretariat to work in Svalbard and Dr M. Sparrow (UK) was recruited as the new Executive Officer, starting on July 1, 2007. Dr. Sparrow's background is in physical oceanography and he was formerly a Staff Scientist for the CLIVAR Programme Office. Mrs K. Smith retired as Administrative Officer, and was replaced by Mrs R. Nash on October 9, 2007.

***Delegates are asked to note and approve progress, providing comments as appropriate.***

## 10. Finance

**IN ACCORDANCE WITH THE RULES OF PROCEDURE, OBSERVERS WILL LEAVE THE MEETING DURING DISCUSSIONS ON ITEM 10**

Sergio Marensi, the Chairman of the Finance Committee, will introduce these items.

### 10.1 Report of the XXX SCAR Committee on Finance (WP 31)

The membership of the XXX Finance Committee will be announced following the arrangements outlined in agenda items 3.3. and 3.4 above.

The draft report of the XXX Finance Committee [WP31] will be tabled for discussion, and a final version circulated to Delegates after the meeting. The report will have taken into consideration among other things the effect of the fall in the value of the US dollar. Due to under-spending on science there was a significant carry forward of funds from 2006 to 2007 and from 2007 to 2008. The Executive Committee has recommended that carry-forward amounts from the present biennium to the next will be deliberately limited in the absence of clear written and compelling justifications. SSGs and SRPs were therefore advised to spend their excess during 2008.

***Delegates will be asked to endorse the report of the Finance Committee.***

### 10.2 Financial Statements for 2006 and 2007 (WP 32 i and ii)

The SCAR Financial Statements of Income and Expenditure for 2006 [WP32 i] and 2007 [WP32 ii] will be introduced. Notes on the finance sheets explain the various adjustments approved by the Delegates at XXIX SCAR or by the Executive Committee at its meeting in Washington DC, and subsequent revisions approved by the Executive Committee at its meeting in St Petersburg. The main change from the original budget for 2007 was an increase in subscriptions reflecting the increase to full membership by Bulgaria and the Ukraine, and the accession of new Associate Members Denmark and Portugal. To counter that we had an increase in Secretariat salary, largely due to the fall in the value of the dollar (salaries being paid in pounds Sterling). The rise in costs was offset by savings, as explained in the notes. The \$10,000 major symposia fund in 2007 was awarded to the

International Antarctic Earth Science Symposium (ISAESS), the 4-yearly SCAR geosciences symposium.

***Delegates are asked to endorse the financial statements.***

### 10.3 Revised Budget for 2008 (WP 33)

The 2008 budget was revised by the Executive Committee at its meeting in Washington DC. A decrease in additional contributions reflects the planned cessation of the voluntary extra contributions from the UK and Germany, which began in 2005 and extended through 2007. The salary element remains high reflecting the continued fall in the value of the dollar and an increase in the salary of the Executive Officer compared with the level of 2006. SCAR still benefits in 2008 from the management fee for handling the Sloan Foundation grant for the Census of Antarctic Marine Life (CAML) programme. Cuts have been made to ensure that the science programmes and Fellowship Programme remain funded at the same level as before. The \$30,000 increase in publications is a loan from the Endowment Fund to support publication of the SCAR 50<sup>th</sup> Anniversary Book, costs of which will be recouped through sales over a 2-year period. The \$10,000 major symposia fund in 2008 was awarded to the Ice Sheet Mass Balance and Sea Level Expert Group for its symposium in St Petersburg.

***Delegates will be asked to approve the revision.***

### 10.4 Budgets for 2009 and 2010 (WP 34 i and ii)

Draft budgets for 2009 [WP 34 i] and 2010 [WP 34 ii] will be introduced.

***Delegates will be asked to approve the budgets in principle, recognizing that they will be adapted by the Executive Committee as appropriate in response to changing circumstances.***

### 10.5 Financial Strategy (WP 35)

The Executive Director will introduce Working Paper 34, which will show the current and projected financial situation of SCAR. The paper will explore the options for obtaining additional funds from external sources, and the question of a possible increase to subscriptions for 2011 (5 years from the last increase).

***Delegates will be asked to note and approve the financial strategy, suggesting changes as appropriate.***

### 10.6 Ethics and Donations Policy (WP 36)

The Executive Officer will introduce a paper on ethical guidelines with respect to accepting donations.

***Delegates will be asked to approve the guidelines, modifying them as appropriate.***

## **11. Future Meetings**

### 11.1 SCAR Executive Committee Meeting (Punta Arenas, 2009)

The SCAR Executive Committee will be invited to meet in parallel with the COMNAP meeting to be held in summer 2009 (date and venue to be announced – probably mid to late July in Chile in or near Punta Arenas). A joint meeting of the SCAR and COMNAP Executive Committees will be held during this time.

***Delegates are asked to approve the plan.***

### 11.2 XXXI SCAR (Buenos Aires, 2010)

The Argentine Delegate will describe the arrangements for XXXI SCAR in Buenos Aires in July 2010. Arrangements will be made using the recently revised “Guidelines for Hosting a SCAR Meeting” approved at XXVIII SCAR, and available on the Members page of the SCAR web site.

Delegates will be invited to note that an IPY meeting to review progress with IPY science will also take place in 2010, on June 8-12, in Oslo, Norway.

***Delegates will be asked to approve the plans for XXXI SCAR.***

### 11.3 XXXII SCAR

An invitation to host XXXII SCAR in 2012 is required from a SCAR Member.

Delegates are reminded that previous meetings (including the present one) have been held in Argentina (2), Australia (4), Brazil (1), Chile (2), China (1), Germany (3), France (2), Italy (1), Japan (2), Netherlands (1), New Zealand (2), Norway (1), South Africa (1), United Kingdom (2), United States (3), Russia (3).

***Delegates will be asked to approve the location of XXXI SCAR.***

## **12. Actions Arising**

### 12.1 Progress against actions (IP 24)

Information paper 24 will note progress against actions arising from XXIX SCAR. Most of the actions have been completed. The remaining ones will be carried forward and added to the action sheet for XXXI SCAR.

***Delegates are asked to note progress.***

### 12.2 Other Business

### **13. Closure of the meeting**

The President will formally close the meeting at 1800, and invite the new Executive Committee to hold a short meeting.