

**Association Cartographique Internationale  
International Cartographic Association**

**11<sup>o</sup> Assemblée générale - 11<sup>th</sup> General Assembly  
Ottawa, août 1999 - Ottawa, August 1999**

**Projet de compte-rendu - Draft minutes**

The 11<sup>th</sup> General Assembly of the International Cartographic Association took place in Ottawa, Canada, on 15<sup>th</sup> and 21<sup>st</sup> August 1999. It was opened and chaired by Michael Wood, President.

**1. Ordre du jour - Agenda**

<b>Première session :</b> <b>dimanche 15 août 1999 - 9 h - 17 h</b>		<b>First Session :</b> <b>Sunday 15<sup>th</sup> August 1999 - 9 :00 – 17 :00</b>	
<b>1</b>	Ouverture et allocations de bienvenue	<i>Opening and addresses</i>	President
<b>2</b>	Appel des membres	<i>Roll call of members</i>	Secretary General
<b>3</b>	Adoption de l'ordre du jour	<i>Adoption of the Agenda</i>	Secretary General
<b>4</b>	Désignation de deux Scrutateurs	<i>Nomination of two Scrutineers</i>	President
<b>5</b>	Membres suspendus de vote	<i>Members ineligible to vote</i>	President
<b>6</b>	Exclusion de membres	<i>Withdrawal of Membership</i>	President
<b>7</b>	Adoption du compte-rendu de la 10 <sup>o</sup> Assemblée générale, 1995	<i>Adoption of the minutes of the 10<sup>th</sup> General Assembly, 1995</i>	Secretary General
<b>8</b>	Nouveaux membres nationaux	<i>New member nations</i>	President
<b>9</b>	Nouveaux membres affiliés	<i>New affiliate members</i>	President
<b>10</b>	Rapport du Président - 1995-1999	<i>President's report 1995-1999</i>	President
<b>11</b>	Rapport du Secrétaire général - 1995-1999	<i>Secretary General's report 1995-1999</i>	Secretary General
<b>12</b>	Rapport du Trésorier - 1995-1999	<i>Treasurer's report 1995-1999</i>	Secretary General
<b>13</b>	Rapport des Commissaires aux comptes	<i>Auditors' report</i>	A. Wood – V. Berk
<b>14</b>	Adoption des comptes	<i>Adoption of the Accounts</i>	President
<b>15</b>	Budget provisoire 1999-2003 montant de l'unité de cotisation	<i>Preliminary budget 1999-2003 subscription unit</i>	Secretary General
<b>16</b>	Statuts de l'ACI	<i>ICA Statutes</i>	Secretary General
<b>17</b>	Rapport sur les publications	<i>Publications report</i>	Roger Anson
<b>18</b>	Présentation des activités 1995-1999 des commissions et groupes de travail	<i>Presentation of commissions and working groups activities 1995-1999</i>	Judy Olson
<b>19</b>	Proposition de commissions 1999-2003 présentation des candidatures et des termes de référence	<i>Commissions proposals 1999-2003 presentation of nominations and terms of reference</i>	Judy Olson
<b>20</b>	Présentation des candidatures au Comité exécutif	<i>Presentation of nominations to the Executive Committee</i>	President
<b>21</b>	Propositions pour les prochaines conférences	<i>Future conference proposals</i>	Secretary General

<b>Deuxième session :</b> <b>samedi 21 août 1999 - 8h30 - 12h30</b>		<b>Second Session :</b> <b>Saturday 21<sup>st</sup> August 1999 - 8 :30 - 12 :30</b>	
<b>22</b>	Récompenses de l'ACI	<i>ICA Awards</i>	President
<b>23</b>	Proposition finale de budget 1999-2003	<i>Final budget proposal 1999-2003</i>	Secretary General
<b>24</b>	Vote du budget 1999-2003 fixation de l'unité de cotisation (arrêté n <sup>o</sup> 2)	<i>Vote on the 1999-2003 budget including subscription unit (by-law no. 2)</i>	President
<b>25</b>	Election du Président	<i>Election of President</i>	President
<b>26</b>	Election du Secrétaire général et trésorier	<i>Election of Secretary General &amp; Treasurer</i>	President
<b>27</b>	Fixation du nombre de Vice-Présidents	<i>Vote on the number of Vice-Presidents</i>	President
<b>28</b>	Election des Vice-Présidents	<i>Election of Vice-Presidents</i>	President
<b>29</b>	Election des Commissaires aux Comptes	<i>Election of Auditors 1999-2003</i>	President
<b>30</b>	Propositions de commissions 1999-2003 Election des présidents de commissions	<i>Commissions proposals 1999-2003 Election of Commissions Chairpersons</i>	President
<b>31</b>	Présentation de la 20 <sup>e</sup> Conférence Cartographique Internationale	<i>Presentation of the 20<sup>th</sup> International Cartographic Conference</i>	Chinese Committee

<b>32</b>	Sélection du lieu de la 12 <sup>e</sup> Assemblée générale et de la 21 <sup>e</sup> Conférence cartographique internationale	<i>Selection of the place of the 12th General Assembly and the 21st International Cartographic Conference</i>	Secretary General
<b>33</b>	Questions diverses	<i>Any other business</i>	President

## **2. Appel des membres - Roll call of members**

39 due members of ICA in 1995 were present ; the two additional members admitted by the Executive Committee since the 10<sup>th</sup> General Assembly were not present.

## **3. Adoption de l'ordre du jour - Adoption of the Agenda**

The agenda of the 11<sup>th</sup> General Assembly is adopted as circulated after a motion presented by South Africa and seconded by Canada.

## **4. Désignation de deux Scrutateurs - Nomination of two Scrutineers**

Nico Bakker, Netherlands, and Patrik Ottoson, Sweden, were nominated as Scrutineers of the 11<sup>th</sup> General Assembly.

## **5. Membres suspendus de vote - Members Ineligible to vote**

## **6. Exclusion de membres - Membership withdrawals**

Selon l'article 20 des statuts, "*Lorsqu'une nation n'aura pas acquitté sa contribution durant trois années consécutives, le Comité exécutif peut décider qu'elle cesse de faire partie de l'Association*".

Lors de la 9<sup>e</sup> Assemblée générale en 1991, le Comité exécutif avait proposé que les nations membres qui n'avaient pas acquitté leur cotisation depuis au moins trois ans, qui ne participaient pas aux travaux des commissions et des groupes de travail, et qui n'avaient pas répondu aux courriers qui leur avaient été adressés, soient déchus de leur droit de vote à l'Assemblée générale.

Sont ainsi concernés pour la 11<sup>e</sup> Assemblée générale : Azerbaïdjan, Biélorussie, Chypre, Indonésie, Irak, Kenya, Lettonie, Nicaragua, Nigeria, Panama, République Démocratique du Congo, Soudan, Suriname, Tunisie.

La Nouvelle Zélande et la Tanzanie n'ont pas acquitté leurs importants arriérés de cotisation.

Sauf éléments nouveaux qui seraient alors présentés à l'Assemblée générale, le Comité exécutif propose que ces membres ne soient pas autorisés à voter lors de la présente 11<sup>e</sup> Assemblée générale.

Durant la 10<sup>e</sup> Assemblée générale, l'Irak, le Kenya, la République démocratique du Congo et le Suriname avaient été déchus de leur droit de vote pour les raisons indiquées précédemment.

Depuis 1995, ces membres nationaux n'ont toujours pas manifesté leur volonté de participer aux travaux de l'Association, malgré les courriers envoyés et les interventions effectuées par le Secrétaire général auprès de leurs représentations diplomatiques en France ou en Belgique.

Le Comité exécutif propose à l'assemblée générale de prononcer leur exclusion de l'ACI en application de l'article 20 des statuts.

Le vote sur les points 5 et 6 s'est fait à bulletins secrets.

*According to article 20 of the statutes, "If a nation has not paid its dues for three consecutive years the Executive Committee may decide that it shall cease to form part of the Association".*

*During the 9<sup>th</sup> General Assembly in 1991, the Executive Committee proposed that those member nations which where at least three years in arrears, which did not participate in any commission or working group and which did not answer any letter would be declared ineligible to vote.*

*Those concerned at the time of the 11<sup>th</sup> General Assembly are : Azerbaijan, Belarus, Cyprus, Indonesia, Iraq, Kenya, Latvia, Nicaragua, Nigeria, Panama, Democratic Republic of the Congo, Sudan, Suriname, Tunisia.*

*New Zealand and Tanzania have not paid their subscription fees for several years.*

*Unless new elements are provided which would then be presented to the General Assembly, the Executive Committee proposes that these members are declared ineligible to vote during this 11<sup>th</sup> General Assembly.*

*During the 10<sup>th</sup> General Assembly Iraq, Kenya, the Democratic Republic of the Congo and Suriname were declared ineligible to vote as mentioned earlier.*

*Since 1995 these member nations have not expressed any interest in ICA activities despite a number of letters and contacts made by the Secretary General with their embassies in France or Belgium.*

*The Executive Committee proposes to this General Assembly to withdraw them from ICA according to article 20 of the statutes.*

*Voting on items 5 and 6 has been made by secret ballot*

Suspension du droit de vote de l'Azerbaïdjan, de la Biélorussie, de Chypre, de l'Indonésie, de l'Irak, du Kenya, de la Lettonie, du Nicaragua, du Nigeria, de la Nouvelle Zélande, de Panama, de la République Démocratique du Congo, du Soudan, du Suriname, de la Tanzanie, de la Tunisie : la proposition est approuvée par 33 voix pour, 3 voix contre et 1 abstention

Exclusion de l'Irak, du Kenya, de la République démocratique du Congo et du Suriname : la proposition est approuvée par 30 voix pour, 6 voix contre et 1 abstention.

*Ineligibility to vote for Azerbaijan, Belarus, Cyprus, Indonesia, Iraq, Kenya, Latvia, New Zealand, Nicaragua, Nigeria, Panama, Democratic Republic of the Congo, Sudan, Suriname, Tanzania, Tunisia : the proposal is approved by 33 ballots in favour, 3 opposed and 1 abstention.*

*Withdrawal of Iraq, Kenya, the Democratic Republic of the Congo and Suriname membership : the proposal is approved by 30 ballots in favour, 6 opposed and 1 abstention.*

South Africa asked for the list of national members which have not paid their 1998 subscription fees. These 29 membres are : Albania, Azerbaijan, Belarus, Cyprus, Democratic Republic of the Congo, Iceland, Indonesia, Iran, Iraq, Kenya, Latvia, Mongolia, Morocco, New Zealand, Nicaragua, Nigeria, Pakistan, Panama, Peru, Philippines, Qatar, Sudan, Suriname, Tanzania, Tunisia, Uganda, Ukraine, Vietnam, Yemen.

## **7. Adoption du compte-rendu de la 10<sup>e</sup> Assemblée générale, 1995**

### ***Adoption of the minutes of the 10<sup>th</sup> General Assembly, 1995***

Le compte-rendu de la 10<sup>e</sup> Assemblée générale de l'Association Cartographique Internationale tenue en 1995 a été diffusé par circulaire du 19 juillet 1999 (réf. ACI/99.184).

Aucune proposition d'amendement n'a été reçue.

Le Comité exécutif propose l'adoption du compte-rendu tel qu'il a été diffusé.

*The minutes of the 10<sup>th</sup> General Assembly of the International Cartographic Association held in 1995 have been circulated on 19 July 1999 (re. ACI/99.184).*

*No proposal for amendments has been received.*

*The Executive Committee proposes the adoption of the minutes as circulated.*

The minutes are adopted as circulated after a motion of Canada seconded by the United States of America.

## **8. Nouveaux membres nationaux - *New member nations***

2 new member nations have been admitted by the Executive Committee since the 10<sup>th</sup> General Assembly and are proposed for ratification by this General Assembly :

**L'Estonie**, représentée par la Chambre estonienne de cartographie ;

**Le Salvador**, représenté par l'Institut Géographique National.

*Estonia*, represented by the Estonian Chamber of Mapping ;

*El Salvador*, represented by Instituto Geografico Nacional.

Both admissions are ratified and these new member nations may participate in the next votings.

## **9. Nouveaux membres affiliés - *New affiliate members***

Two new affiliate members have been admitted by the Executive Committee since the 10<sup>th</sup> General Assembly and are proposed for ratification by this General Assembly :

**Aero-Sensing Radarsysteme GmbH**, Allemagne - *Germany*

**Asociacion Centro Argentino de Cartografia**, Argentine - *Argentina*

Both admissions are ratified.

## **10. Rapport du Président - *President's report : Acknowledging the past – building for the future***

*My presidential report must identify the key elements of recent activities and accomplishments, but my instinct is to focus on my special respect for the people in our Association, their activities and accomplishments. We acknowledge their recent work with gratitude, but we also appreciate that their rich and pioneering work is also building a structure for a new and exciting future for Cartography.*

*ICA is essentially a voluntary grouping. Active members, ranging from the Executive to highly focused technical commissions, co-operate by sharing knowledge and experience to fulfil the ICA mission. As I have been surrounded by these fine people my first priority is to highlight their work and thank them.*

*Thanks*

I start with the Executive Committee, the members of which are my closest allies. Jean-Philippe Grelot, Secretary-General and Treasurer, has provided the firm administrative foundation on which ICA has continued to thrive. His task is enormous, but has been carried out with consistent effectiveness and reliability. His persistence in seeking contacts with overseas members and groups as well as in following up the payments of ICA fees, and his attention to detail, are almost legendary. He has also been a respected expert ICA representative in various international forums, such as the United Nations meetings in Addis Abeba, the Special Working Group of the United Nations Regional Cartographic Conferences; an active liaison with the International Council for Scientific Unions (ICSU) and brought ICA into a working relationship with the United Nations Educational, Scientific and Cultural Organisation (UNESCO). He has also been my immensely patient mentor and guide over the past four busy years. Jean-Philippe has certainly made a difference to the ICA, including the way in which he has set up and organised the ICA financial accounting system for the future. In that sense we may even refer to the period surrounding the final decade of this millennium as 'BJ-P' (before Jean-Philippe) and 'AJ-P' (after...)! Thanks must also go to IGN, France, and to the Comité Français, for their production, in 1996, of the latest version of 'The ICA Organisation and Activities' – the only official booklet of the Society.

The Vice-Presidents share the great responsibility carried by the Executive Committee and their activities have ranged from local to global. They have travelled far and participated in hundreds of hours of preparation, face-to-face discussion, debate and decision-making relating to the 6 multi-day Executive Committee Meetings. They also have important liaison duties with Commissions and Working Groups. While they may have preferred relative anonymity I wish to highlight a few of their recent good works. Judy Olson, a strong contributor to Committee debate, has also established and run, in characteristically firm but entertaining manner, the important workshops for chairs of Commissions, Working Groups, and National Committee Leaders. She took over responsibility for the ICA Web page in 1998 and increased its content, value and profile. Regina Araujo de Almeida has been our only representative from South America and has acted as a most effective and enthusiastic monitor of cartographic activities there, as well as sharing responsibility in Judy's ICA workshops. Tositomo Kanakubo has been both Vice-president and chair of the Commission on Theoretical Fields and Definitions with great effect. In the former role he organised ICA meetings in Japan and helped publish their proceedings. He has also represented ICA on the Global Map, and at the UN Regional Cartographic Conference for Asia and the Pacific in 1998. Milan Konecny has travelled widely and represented ICA in many conferences and meetings relating to cartography and GIS. He also organised two ICA-supported Conferences in Brno in 1996 and 1998. Following the immense work of organising the Barcelona Conference in 1995, Jaume Miranda has continued his valuable contributions to the work of ICA, including the printing of the Canadian UNICEF Wallsheet, with its award winning Barbara Petchenik Competition maps, and accompanied the Secretary-General in his review of the Spanish site proposed for the 2003 Conference and General Assembly. Thanks also go to Bengt Rysted, who has taken on many responsible tasks including ICA liaison with the International Standards Organisation (ISO), helping administer the Travel Award, supporting the President during his review visit of the South African facilities for their bid for the 2003 Conference/General Assembly, and, of course, being the Director of one of the most successful International Cartographic Conferences, in Stockholm, in 1997. Finally I have a special debt of gratitude to Immediate Past President, Fraser Taylor. He participated fully during his period of office, directly through his continuing maintenance and development of the Barbara Petchenik Competition archive in Carleton University, and indirectly through his own cartographic work in Latin America. He has also been a most valuable member of the Executive Committee during the past four years, and a good friend.

Important as the Executive Officers and Committee are, the Commissions and Working Groups form the real power force which drives this International machine. The Executive does have its role but the mission and aims of the ICA could not be accomplished without these enthusiastic, focused and active groups. Although the whole subject field of the current commissions and working groups has been addressed - and I wish to acknowledge both the strong leadership and support of the members - I would like to mention some in particular.

The Standing Commission on Education and Training has been supremely active in co-ordinating joint meetings around the world. Their list of achievements is long and I, personally, as well as ICA, owe much to Ferjan Ormeling and his team. The Standing Commission on Map Production, led by Sjef van der Steen, also has a fine record over recent years, having held, or been part of, 5 excellent meetings from Chile to Norway and Indonesia. The achievements of Harold Moellering's Commission on Standards for the Transfer of Spatial Data are also quite outstanding within their vital technical area. As a Category A Liaison to ISO/TC211 they have played a major role at this international level as well as publishing key texts in their subject area. The Commission on Theoretical Fields and Definitions, chaired by Tositomo Kanakubo, has an admirable record of completed tasks. From the 'Map Summit, Gifu, '96' to the successful publication of the text 'Map Semiotics around the World' we see the uniquely international application of scientific research and review of this ICA. Cartography is always developing, and the Commission on Visualisation exemplifies the pioneering edge of this exploration. The unique collaboration which Alan MacEachren and Menno-Jan Kraak have forged with ACM SIGGRAPH, continues to generate the most exciting concepts and products. Jim Carter and The Commission on Map Use have also been very active since 1995. Seminars, workshops, experimental work and participation in the Conference on Mass Media Maps exemplify this full programme. The Commission on National and Regional Atlases, chaired by Tim Trainor and Eva Siekerska, have also continued their active campaigns. My experience of their Seminar in Iceland in 1998 confirmed these views and that they too are probing new frontiers in access to geographic information through CD-ROM and the Web. The Commission on Maps and Graphics for Blind and Visually-impaired People, chaired by Andrew Tatham, has also had a busy period. Activities range from memorable workshops/seminars in Tanzania and Slovenia to an electronic newsletter and the preparation of a tactile symbol encyclopedia for their Website. The main achievement of Ron Furness's Commission on Marine Cartography has been through co-operation with IGU in their CoastGIS series, and their focus on coastal zone management must be seen as

critical in the Global view. The new Commission on Gender and Cartography, led by Eva Siekierska, has been focusing on UN policies, links with IGU, FIG and PAIGH, joint ventures with other commissions/working groups, and their continuing development of their Website, training materials and the special Directory of Women in Cartography, Surveying and GIS. The other new Working Group on Cartography and Children, chaired by Jackie Anderson, has also achieved much in its first session. This vital area for increased research and understanding has been developed through 4 key seminars, as well as international surveys on elementary instruction and support of the Barbara Petchenik World Map Competition. Map Generalisation is still one of the greatest challenges for the new cartography and Rob Weibel's Working Group has struggled tirelessly to meet it. Their world-wide forum, workshops and impressive publications give confidence for the future achievement of their longer-term aims. Although the accomplishments of the Working Group on Planetary Cartography are excellent in themselves (including multilingual planetary maps and a multilingual glossary), co-chairs Kira Shingereva and Jim Zimbelman, must also be congratulated for their expanding contacts with over 11 other international organisations with common interests. Tim Davis' new Working Group on Census Cartography has also made a fine start to their work and, even shortly after Stockholm, I was able to channel their expert knowledge to help another ICA member nation facing serious map-related census problems in difficult environments.

These are but a few words of acknowledgement of work done, but I am also compiling a new edition of the Achievements of the ICA, which will appear after the Ottawa Meeting, and will include details of new Commissions and their contact co-ordinates as well as fuller reports from 1995-99.

Publications in the past have been important for education, publicity and prestige in the ICA. They have also, traditionally provided almost US\$5 000 per annum to the Society. 1995-99 however has been a leaner period, only two books having appeared (*Elements of Spatial Data Quality* – ed. S. Gupta; *Spatial Data Transfer Standards-2* – ed. H. Moellering). We are now moving into a period of rapid change and, in response to current problems the Executive Committee has instigated a re-engineering review of publications, which will be quite fundamental. Roger Anson's immense contribution to publications over the past 18 years is fully acknowledged and his experience will continue to be called on in any future scheme. The other publication is ICA News. In its attractive new form and under its new editor, Chris Board, it has increased as a reporting medium for ICA and has already appeared as simultaneous publication on the ICA website. I am immensely grateful to Chris for his dedicated work since 1995, and we offer good wishes to the new editor, Graciela Metternicht, as she takes up the task for the next four years.

#### Special Thoughts

I have reported many achievements this morning, but the ICA also provides special awards to those with outstanding service to the ICA and to Cartography. Honorary Fellowships in 1995 went to Rudolfo Nunez de las Cuevas (Spain), Arpad Papp-Vary (Hungary), Don Pearce (Australia), Ernst Spiess (Switzerland) and Joseph Wiedel (USA); in 1997, to Richard Dahlberg (posthumously), Olof Hedbom (Sweden), Christer Palm (Sweden) and Miroslav Miksovsky (Czech Republic). We are grateful to Joel Morrison and his Awards Committee for their important work during this term. Sadly there have been losses to the Cartographic community, notably Bogodar Winid (1996), Dick Dahlberg (1996), George Jenks (1996), John Sherman (1996), Rolf Bohme (1997), John P. Snyder (1997), Gylfi Mar Gubergsson (1998) and Stig Jaatinen (1999). It is hard to come to terms with such losses but we should rejoice in their lives and their special contributions to our subject during their rich lives.

#### Membership and Finances

There has been a small increase in the number of member nations and affiliates and some new possibilities are being highlighted for the near future. Finances are still strong despite the static unit fee rate of US\$250 which was fixed in 1987.

#### Outreach

Co-operation continues with international bodies such as IAG, ISPRS, IHO, FIG, IGU, ISO, and the Special session on Tuesday afternoon will give delegates a chance to learn more about these organisations and how we might work together. Successful collaborations include the ICA session on Electronic Atlases at the IGU Conference in the Hague (1996) and plans are in hand to have a similar session with ISPRS in Amsterdam 2000. Although our links with the UN remained good until last year, Cartography lost status within the UN early in 1998, the structure for the UN Regional Cartographic Conferences being all but lost. Following a UN resolution prepared at the UNRCC for the Americas at UN, New York, 1997, a Special Meeting of Experts was hosted by Dr Carlos Jarque of INEGI, Mexico, in March 1998. Since then, I and three others from Europe, Australia and South America have been working to re-establish cartography/geospatial science at the highest UN level possible. Progress is being made but slowly and announcements will be reported in ICA News later this year. I have also been actively involved in the GSDI (Global Spatial Data Structures) initiative, and have both participated in and retain a watching brief at GSDI meetings.

Links with ICSU, UNESCO and PAIGH, remain firm, and we have just opened dialogue with the International Map Trade Association (IMTA) with a view to collaboration with some commissions. I was invited to submit a paper on the ICA to the most recent ICSU (International Committee on Scientific Unions) Newsletter, and focused it on ICA and Agenda 21, a subject field to which the ICA is very fully committed. A final point relates to IUSM (The International Union for Surveys and Mapping). This umbrella organisation, which has been in existence for some years, and has had some important achievements, has been in difficulties. A meeting, proposed by ICA for Ottawa, chaired by President Ivan Mueller, took place on 14 August 1999. During this session a vote was taken to disband the organisation. However, to preserve the principle of co-operation, a new joint board has been identified which will allow member organisations to meet on an

annual basis, on rotation around the Member Organisations, in conjunction with their International Conferences. The first of these will be hosted by ISPRS (International Society for Photogrammetry and Remote Sensing) at Amsterdam, 2000.

The participation by members of ICA in outside conferences increases and, with the increasing status of ICA worldwide, more conferences are requesting endorsement.

The Barbara Petchenik Childrens World Map Competition continues most successfully with a fine display in Stockholm, 1997 and an excellent exhibition here in Ottawa. Archives are still maintained in Carleton University, Ottawa, with Web-page access to the images and it is hoped that the potential of this archive will continue to be recognised.

Other important outreach activities shared by ICA have included the international conferences for SE Europe, held in Greece under the guiding influence of Prof Livieratos, and the InterCarto Series, organised through Vladimir Tikunov, Moscow State University, and co-chair of the Commission on Education and Training. I am also glad to report that new cartographic Societies continue to be founded, such as in Indonesia (1997).

#### *Some specific Developments*

Although too many to list, major innovations in place or under way at this time include the ICA Solidarity Fund which has provided finance for Travel to young scientists. This has grown from the fees of affiliate members. New initiatives have also been set in motion to examine the need for Definitions within areas of new cartography and Intellectual Property and ICA.

#### *My travel and involvement*

Attempting to fulfil promises made in Barcelona, my own travel and involvement in ICA activities around the World have been maintained at as high a level as possible within my own work timetable. This involved travelling overseas on average about once every six weeks over the last four years. I have visited 22 countries, entirely on ICA business, and some of these several times. I and been in touch with hundreds of new members of ICA at local level, many of whom do not, or cannot travel to international meetings. The ICA is a Global Family and I felt the need to take that message, personally, as far into the national and international network as possible. Otherwise the Internet has been the substitute source of communication with average message levels which I handled personally reaching well over 200 per week. Some of these may have been lost or have just been overlooked. For this I am sorry.

#### *Some final thoughts*

The past 4 year-period has been one of rapid change in most regions of the world - developing, transitional and developed. The presence and influence of New technology grows although there are many places where so-called conventional methods still apply. However, despite the influence of the technology, I like to think that cartography (a word which, although quite recent, completely satisfies me, even in these turbulent times of terminology) keeps changing as it has been doing for thousands of years. In the past - in paper form - its power to do more than represent was severely restricted. Today however, cartography in all its dimensions, including temporal, and assisted by technologies such as GIS, has become a real power for data exploration, analysis and discovery. It is this potential which has always excited us within ICA and will continue to hold us together as we build for a better future. The world, with all its problems, physical and social, needs Cartography, and I have been proud to play a small part in this international endeavour as President of ICA.

## **11. Rapport du Secrétaire général - Secretary General's report**

Selon les statuts, le Secrétaire général et trésorier est chargé de l'administration et du fonctionnement général de l'Association ; il doit soumettre ses comptes aux deux commissaires pour approbation avant de les présenter à l'Assemblée générale des délégués : nous verrons tout à l'heure le rapport du trésorier.

Le Secrétaire général est ainsi le correspondant permanent des membres de l'Association : membres nationaux ou affiliés, comités, commissions et groupes de travail. Lors de la période précédente, le Comité exécutif avait produit un certain nombre de documents, sous forme de directives, destinés à faciliter l'action de chacun. Tous ont été publiés grâce au concours du Comité français de cartographie, sous la forme d'un numéro de son bulletin intitulé "Association Cartographique Internationale : organisation et activités" (décembre 1996). Voici ce que sont les documents de référence de l'Association :

- les statuts, mis à jour lors de la 10<sup>e</sup> Assemblée générale à Barcelone en 1995 ;
- les termes de référence des commissions et des groupes de travail, mis au point après cette Assemblée générale ;
- les directives aux présidents des commissions et groupes de travail ;
- les règles de procédure du Comité des publications ;
- les directives aux Comités nationaux ;
- les directives pour les conférences et les assemblées générales ;
- le modèle d'appel général aux communications ;
- le règlement du Prix Barbara Petchenik ;
- les lignes directrices pour le soutien de conférences.

Ces documents sont disponibles sur disquette et ont été placés sur un serveur Internet.

Ceci n'est pas une action bureaucratique : ces documents sont conçus pour faciliter la communication. Ils ont été largement utilisés pour la préparation de cette Assemblée générale et de cette conférence. En particulier, le Comité exécutif, avec l'aide des présidents actuels des commissions et des groupes de travail, avec l'aide des candidats pour le prochain terme, est en mesure de vous présenter dès aujourd'hui les termes de référence des commissions et des groupes de travail pour la période 1999-2003 que nous verrons cet après-midi ; il s'agit d'une version encore provisoire, qui vous permet de préparer vos décisions autrement que par la seule présentation d'un titre de commission et du nom d'un candidat pour sa présidence.

Dans un organisme tel que l'Association cartographique internationale, il est essentiel d'assurer en permanence une communication efficace. Une nouvelle fois, je vous demande d'informer sans délai le secrétaire général lorsqu'intervient un changement de responsable ou d'adresse dans vos comités nationaux. Les moyens électroniques nous faciliteront la tâche.

Au long de ces huit années comme secrétaire général de l'ACI, vous m'avez donné l'occasion de contribuer au développement de la cartographie à un niveau mondial. Vous m'avez surtout donné une occasion unique de nombreuses rencontres et de nombreux échanges : je tiens à vous en remercier.

*According to the statutes, the Secretary General and Treasurer is responsible for the administration and the general running of the Association ; before presenting the accounts to the General Assembly of Delegates, the Secretary General and Treasurer must submit them to the two auditors for audit : the Treasurer's report is made in another section of the General Assembly.*

*Thus the Secretary General is continuously a correspondent to ICA members : representatives of national and affiliate members and of committees, commissions and working groups. The Executive Committee had produced several reference documents during the former period, as guidelines facilitating anyone's activities. They all have been published with the efficient support of the Comité français de Cartographie, in a special issue of its Bulletin 'International Cartographic Association : organization and activities', December 1996. Here is the list of ICA reference documents :*

- *the statutes and by-laws updated by the 10th General Assembly in Barcelona, 1995 ;*
- *the terms of reference of commissions and working groups, refined after that General Assembly ;*
- *guidelines to the chairpersons of commissions and working groups ;*
- *rules of procedures of the Publications Committee ;*
- *guidelines to national committees ;*
- *guidelines for ICA conferences and general assemblies ;*
- *standard call for papers ;*
- *guidelines for the Barbara Petchenik Children's Maps Award ;*
- *guidelines for the endorsement of conferences by ICA.*

*All these documents are available in diskette form as well as on the ICA web site.*

*This is not a bureaucratic activity : these documents are made for improving communication. They have been widely distributed in the preparation process of this General Assembly. As a result the Executive Committee, supported by the current chairpersons of commissions and working groups and the candidates for the next period, has been able to prepare terms of reference of commissions and working groups for 1999-2003 which you will see during the afternoon ; it is a preliminary version which give you more details for preparing your decisions that just the title of the commission and the name of the nominee for chair.*

*In such organisations as the International Cartographic Association, a key point is to provide continuous efficient communication. Once again I urge you to inform the Secretary General as soon as changes occur with the contact person or the contact address in your national committees. Electronic tools will help us in this respect.*

*All along the last eight years in the position of Secretary General of ICA, you gave me an opportunity to contribute in the development of worldwide cartography. More important, you gave me the unique opportunity of numerous meetings and discussions : it is time for me to warmly thank you.*

## **12. Rapport du Trésorier - Treasurer's report**

*Since the 10th General Assembly in 1995 the financial situation of the International Cartographic Association has been reported at each annual meeting of the Executive Committee and has been structured under a set of documents for consideration by the two Elected Auditors Alberta Auringer Wood (Canada) and Vladimir Berk (Russia) :*

- *detailed tables of operations during the period ; each operation has an identifier which is written on the accounting documents (invoices, credit notes, bank notices, etc.), for use by the treasurer of the Association and reviewed by a professional auditor ; income categories are fees, publications, others ; expenditures categories are president's and secretary's offices, travel, commissions, publications, others ; three types of accounts are used : bank accounts, a cash account, and an invests account operated under the rules for non-profit organisations ;*

- the 'Statement of receipts and expenditures' reviews the financial situation of the Association as compared to the budget voted by the General Assembly and revised by the Executive Committee in 1996;
- a table with national and affiliate member fees.

The currency unit is French Francs and conversions between US dollars and French Francs are made according to UN/ICSU exchange rates.

The accounts have been reviewed by a professional auditor for the period 1st September 1995 to 30 June 1999. All relevant documents have been copied to the Elected Auditors.

The Executive Committee has received and approved the Treasurer's Report for the full period 1st September 1995 to 30 June 1999, submitted to the Elected Auditors and to the Delegates of the 11th General Assembly of the International Cartographic Association in Ottawa, Canada, 15 August 1999 as follows.

At the end of June 1999, the statement of receipts and expenditures indicates :

income (actual : US \$ 186,700 ; budget : US \$ 204,000)

- national members subscriptions are 20 % lower than budgeted : \$ 99,950 against \$ 122,000 ;
- affiliate members subscriptions are 10 % lower than budgeted : \$ 35,600 against \$ 40,000 ;
- sales of publications are 10 % higher than budgeted : \$ 21,800 against \$ 20,000 ;
- interests on investments are now as budgeted : \$ 19,350 against \$ 20,000 ; although this is an interim point and invests should be reduced when the accounts are transferred to the next Treasurer ;
- miscellaneous include significant supports of Canada for the working group on cartographic generalization and of ESRI Europe and are higher than budgeted : \$ 10,000 against \$ 2,000 ;

expenditures (actual : US \$ 159,100 ; budget : US \$ 204,000) ;

- president's and secretary's offices expenditures are lower than budgeted : \$ 23,550 against \$ 40,000 ;
  - travels are on line with the budget : \$ 33,600 against \$ 37,000 ;
  - commissions and working groups have used 75 % of their revised budget : \$ 46,400 against \$ 60,000 ; but they were given all subventions they have requested for their activities ;
  - publications, seminars and conferences, promotion and miscellaneous are on line with budget : \$ 55,550 against \$ 67,000.
- ICA funds available at the end of period amount to \$ 147,000.

In order to give the most appropriate financial view upon the mandate of the current Executive Committee, the reports on 30 June 1999 are completed with provisional income and expenditures made or to be made between 1st July and 21st August 1999, although the precise final figures will be available at a later stage. This will prevent to use funds allocated for the 1999-2003 period for expenses relating to the current period. The table hereinafter compares the initial budget adopted by the 10th General Assembly in 1995, the budget as revised by the Executive Committee in 1996 when allocating provisional funds from the Promotion and Solidarity Fund and the Special Fund to specific activities of commissions and working groups, and the current situation with those additional provisions.

	initial budget	revised budget	actual situation
national members fees	\$ 122,000	\$ 122,000	\$ 103,046
affiliate members fees	\$ 40,000	\$ 40,000	\$ 40,086
sales of publications	\$ 20,000	\$ 20,000	\$ 21,863
interests on invests	\$ 20,000	\$ 20,000	\$ 15,487
miscellaneous	\$ 12,000	\$ 12,000	\$ 13,178
<b>total income</b>	<b>\$ 204,000</b>	<b>\$ 204,000</b>	<b>\$ 193,660</b>
president's & secretary's offices	\$ 40,000	\$ 40,000	\$ 24,482
travels	\$ 37,000	\$ 37,000	\$ 39,137
commissions & working groups	\$ 35,000	\$ 60,000	\$ 51,120
seminars & conferences	\$ 5,000	\$ 5,000	\$ 5,197
publications	\$ 20,000	\$ 20,000	\$ 24,696
promotion	\$ 7,000	\$ 7,000	\$ 9,515
promotion & solidarity fund	\$ 40,000	\$ 25,200	\$ 21,900
special fund	\$ 15,000	\$ 4,800	0
miscellaneous	\$ 5,000	\$ 5,000	\$ 4,497
<b>total expenditures</b>	<b>\$ 204,000</b>	<b>\$ 204,000</b>	<b>\$ 180,544</b>
balance	0	0	\$ 13,116

The Association has successfully operated the Promotion and Solidarity Fund created by the 10th General Assembly and provided a \$ 21,900 support to the 1997 and 1999 Travel Awardees attending the 18th and 19th International Cartographic Conferences.



Members which have not paid their annual subscription fees over the period 1992 to 1998 provide a 'deficit' of US \$ 45,000 : \$ 32,000 from national members and \$ 13,000 from two affiliate members :

- 1992 : 9 national members for US \$ 2200 ;
- 1993 : 11 national members for US \$ 2750 ;
- 1994 : 15 national members for US \$ 3750 ;
- 1995 : 16 national members for US \$ 4000 ;
- 1996 : 21 national members for US \$ 5250 ;
- 1997 : 23 national members for US \$ 5750 ;
- 1998 : 29 national members for US \$ 8250.

This has been a concern for the Executive Committee when preparing the budget for the next period, and should be a concern and a responsibility for the Delegates at this General Assembly. But despite this, funds available at the end of the 1995-1999 period would be \$ 140,000. This means three-years costs of operation of the Association, and is three times the amount recommended by the International Council of Scientific Unions.

### 13. Rapport des Commissaires aux comptes - Auditors' report

#### Report of the Honorary Auditors

Mr President, Distinguished Delegates of the Member Nations of the International Cartographic Association

The 10<sup>th</sup> General Assembly of the International Cartographic Association nominated the undersigned delegates as honorary auditors for the examination of the accounts and the report prepared by the professional auditor.

The professional audit was prepared by Jean-Pierre Larroze in Paris. It was sent to us by the Secretary General in July 1999. Mr Larroze indicates that he has examined the financial statements, books and records of the ICA as provided by the Secretary General for the period 1<sup>st</sup> September 1995 to 30<sup>th</sup> June 1999. He states that, in his opinion, the financial statements are properly drawn up so to give a true and fair view of the funds on hand as of 30<sup>th</sup> June 1999 and the results of the Association for the period ended on that date.

The funds of the ICA at the end of the period were US \$ 147,056. This is a small increase of US \$ 2,148 over the previous four year time period.

As noted in the last Honorary Auditors' report, a considerable number of countries have not paid their dues. In 1998, 29 member nations had not paid dues.

Based on the reports of the professional auditor, who has checked the records in detail, and on the documents submitted by the Secretary General, we come to the conclusion that the books are in order and funds as stated above were entrusted. We therefore put forward to the General Assembly a motion to discharge the Secretary General from the accounts of the last period. The Association owes him a special thanks for all his efforts in financial matters.

Signed by the honorary auditors in Ottawa on August 15, 1999

Prof. Vladimir Berk, Russia

Ms Alberta Auringer Wood, Canada

### 14. Adoption des comptes - Adoption of the Accounts

The accounts are adopted by a motion carried out unanimously.

### 15. Budget provisoire et montant de l'unité de souscription

#### Preliminary budget and subscription unit proposals

L'unité de cotisation est inchangée : 250 dollars américains. - The fee unit remains at the same value : US \$ 250.

en dollars américains - in US \$

cotisations des nations	120 000	<i>national members fees</i>
cotisations des affiliés	45 000	<i>affiliate members fees</i>
ventes d'ouvrages	15 000	<i>sales of publications</i>
produits financiers	20 000	<i>interests on invests</i>
divers	2 000	<i>miscellaneous</i>
<b>total des recettes</b>	<b>202 000</b>	<b><i>total receipts</i></b>
secrétariat & voyages	82 000	<i>offices and travel</i>
commissions, gr. travail	60 000	<i>commissions &amp; w.groups</i>
publications	25 000	<i>publications</i>
promotion	10 000	<i>promotion</i>
bourses de voyage	30 000	<i>Travel Awardees</i>
divers	5 000	<i>miscellaneous</i>
<b>total des dépenses</b>	<b>212 000</b>	<b><i>total expenditures</i></b>

comptes, fin de période		<i>funds at end of period</i>
compte courant	100 000	<i>bank account</i>

fonds de promotion et de solidarité	40 000	Promotion & solidarity fund
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L'arrêté 2 des statuts de l'Association deviendrait :  
La cotisation annuelle déterminée en application de  
l'article 18 pour la période 2000-2003 est fixée à 250  
dollars américains par unité.

By-Law 2 of the ICA Statutes would become :  
The annual subscription determined in accordance with  
article 18 for the period 2000 to 2003 is US \$ 250 per  
unit.

For the first time since a number of years, the budget is presented with a US \$ 10,000 deficit. Technically and financially, this will not create a problem as the reserve of the Association is significantly higher than the recommendation made by the International Council for Science, ICSU, for non-governmental scientific organisations. This choice has been made by the Executive Committee against an increase in the fee unit, to deliver a strong message to the member nations : the responsibility of national delegates to the General Assembly is to commit themselves and all member nations to pay the annual fees if they want to have an active and well-being ICA.

## 16. Statuts de l'ACI - ICA Statutes

Two more national delegates have arrived. 41 national delegations are represented, with 40 eligible to vote.

### Modifications proposées par le Comité exécutif - Changes proposed by the Executive Committee

Exposé.

Les statuts prévoient l'existence de commissions permanentes, de commissions et de groupes de travail. Les commissions permanentes et les commissions sont constituées par décision de l'Assemblée générale, les groupes de travail sont constitués par décision de l'Assemblée générale ou du Comité exécutif. Afin de clarifier les rôles respectifs de l'Assemblée générale et du Comité exécutif d'une part, des commissions et des groupes de travail d'autre part, il est proposé de ne définir qu'un type de commission, et de soumettre les décisions relatives aux commissions à l'Assemblée générale, et celles relatives aux groupes de travail au Comité exécutif.

Ceci conduit à une nouvelle rédaction de l'article 24 des statuts et, par cohérence, à une modification des articles 8, 14 et 26.

#### Article 24. *Commissions et groupes de travail*

L'Assemblée générale des délégués constitue des commissions chargées de traiter des sujets cartographiques importants.

La durée de fonctionnement d'une Commission est limitée à la période séparant deux Assemblées générales, mais peut être prorogée par un vote de l'Assemblée générale des délégués pour une autre période.

Une commission se compose d'un président ou d'une présidente, qui est élu(e) à chaque Assemblée générale, et d'un certain nombre de membres choisis par le président ou la présidente. Si besoin est, il sera procédé également à la désignation de membres correspondants. En cas de vacance de la présidence entre deux Assemblées générales, un nouveau président ou une présidente doit être nommé(e) par le Comité exécutif qui tiendra compte des recommandations des membres de la commission.

Entre deux Assemblées générales, le Comité exécutif peut décider de la création de groupes de travail dont il nomme le (la) président(e) et dont il définit le mandat.

Les commissions et les groupes de travail doivent présenter à chaque Assemblée générale des délégués un rapport sur leurs travaux. Après approbation du Comité exécutif, une commission peut confier une partie de ses travaux à un organisme national, officiel ou privé, ou à des particuliers.

L'Assemblée générale des délégués peut autoriser la participation de l'Association à des groupes de travail constitués en commun avec d'autres organismes internationaux.

#### Article 8. *Attributions de l'Assemblée générale*

L'Assemblée générale des délégués :

(...)

- fixe le programme général d'activité et décide de l'organisation des réunions ou des manifestations, de la formation et de la prorogation de commissions, de symposiums, etc.,
- élit les présidents ou présidentes des commissions prévues à l'article 24.

#### Article 14. *Attributions du Comité exécutif*

(...)

Il décide de la création de groupes de travail. Il élabore les directives et les règles de constitution et d'activité des commissions et des groupes de travail, de leur fonctionnement et de leurs comptes-rendus, ainsi que la gestion des fonds alloués pour leurs activités. Il propose les présidents ou présidentes de commission à l'élection par l'Assemblée générale des délégués. (...)

#### Article 26. *Vote de motions*

Dans les conférences, les symposiums, les commissions et les groupes de travail, tous les participants ont le droit de vote pour les questions purement scientifiques ou techniques. (...)

#### *Rationale*

*Under the statutes do exist standing commissions, commissions and working groups. Standing commissions and commissions are formed by the General Assembly, working groups are formed by the General Assembly or by the Executive Committee. For clarification of the respective roles of the General Assembly and the Executive Committee on the one hand, of commissions and working groups on the other hand, the Executive Committee proposes that a single type of commissions is defined, and that the General Assembly decides upon the formation and continuation of commissions, and that the Executive Committee makes the same for working groups.*

*This introduces a new version of article 24 and related changes in articles 8, 14 and 26.*

#### *Article 24. Commissions and Working Groups*

*The General Assembly of Delegates may establish commissions for the execution of important cartographic tasks.*

*The tenure of office of a commission is limited to the period between two General Assemblies, but may be extended for another period by a vote at a General Assembly of Delegates.*

*A commission consists of a chairperson, who is to be elected at each General Assembly, and of a number of other members selected by its chairperson. If desirable corresponding members may also be selected. In the event of a vacancy in the chair of a commission occurring between General Assemblies, a new chairperson shall be appointed by the Executive Committee having regard to the recommendations of the members of the commission.*

*Between two successive General Assemblies, the Executive Committee may form working groups whose chairpersons it appoints and whose mandate it defines.*

*Commissions and working groups are required to present reports of their work to each General Assembly of Delegates. After approval of the Executive Committee, a commission may allocate a part of its work to a national institution, official or private, and to individual persons.*

*The General Assembly of Delegates may authorize participation by the Association in formal joint Working Groups with other international organisations.*

#### *Article 8. Authority of the General Assembly*

*The General Assembly of the Delegates*

*(...)*

- *determines the programme of activities in general and decides in principle on planned activities or meetings including the formation and continuation of Commissions, Symposia, etc.*
- *elects the chairpersons of commissions subject to the provisions of Article 24.*

#### *Article 14. Authority of the Executive Committee*

*(...)*

*It may form working groups. It prepares guidelines and rules for the formation and operation of commissions and working groups including their functioning and reporting, and the managing of funds allocated for their support. It proposes the commission chairpersons for election by the General Assembly of Delegates. (...)*

#### *Article 26. Vote for motions*

*In Conferences, symposia, commissions and working groups, all participants have the right to vote on purely scientific or technical questions. (...)*

#### Modifications proposées par le Royaume Uni - Changes proposed by United Kingdom

*After considering the remarks made by the Executive Committee when they received the UK proposal, the delegate from United Kingdom withdraws the proposal, and that is accepted by the Executive Committee.*

*The proposals made by the Executive Committee are adopted : 39 in favour, 0 opposed, 1 abstention.*

### **17. Rapport sur les publications - Publications report**

Roger Anson, chair of the Publications Committee, reports. New publications since the 10<sup>th</sup> General Assembly include :

- **Basic Cartography vol. 3** has been published on 29 April 1996.
- The proceedings of the seminar on **Teaching the History of Cartography III : Teaching Concepts in the History of Cartography** held at the Nationalbibliothek, Vienna, Austria, 10 September 1995, have been published in September 1996.
- **Spatial Database Transfer Standards 2 : Characteristics to Assessing Standards and Full Descriptions of the National and International Standards in the World** has been published by Elsevier in June 1997.
- The proceedings of the ICA Joint Seminar **Cognitive Maps, Children and Education in Cartography** held in Gifu, Japan, 8-10 November 1996, have been published in June 1997.
- **Electronic Atlases II**, proceedings of the Seminar of the Commission on National and Regional Atlases, Charles University, Prague, July 31 - August 2 1996, has been published in March 1998.
- Proceedings of CoastGIS '97, Second International Symposium on **GIS and Computer Mapping for Coastal Zone Management** held in Aberdeen, 29-31 August 1997.

- *Computers and Geosciences*, Pergamon Press, vol 3 no. 4, May 1997, was a special issue **Exploratory Cartographic Visualization**, with Alan MacEachren and Menno-Jan Kraak as guest editors.
- **Articulos del Seminario de Cartografía Del IV Congreso Internacional de Ciencias de la Tierra**, proceedings of the seminar held in Santiago, Chile, 5 - 9 August 1996, have been published early in 1998.
- **Atlas Production for Southeast Asia** - vol 2. of the Proceedings of the International Workshop/Seminar '**Modern Cartography for Navigating the Information Highway**' (Bandung, Indonesia - 3-14 March 1997) has been published in 1998.
- The proceedings of the Seminar on **Teaching Cartography for GIS and Cadastre** (Novosibirsk, January 1997) have been published in 1998.
- The proceedings of the Seminar on **Maps for Special Users** (Wroclaw, June 1998) have been published in 1998.
- **Maps Semiotics around the World** has been published in 1999.
- The proceedings of the Seminar on **Teaching Cartography for Environmental Mapping** (InterCarto IV, Barnaul, June 1998) have been published in 1999.
- The proceedings of the Seminar on **Electronic Atlases and National Atlas Information Systems in the Information Age** Reykjavik, August 1998) have been published in 1999.
- The newsletter issues **ICA News** no 25, no 26, no 27, no 28, no 29, no 30, no 31 have been published in September 1995, July 1996, December 1996, May 1997, January 1998, July 1998 and March 1999. The issue no 32 is on print on August 1999.

## 18. Présentation des activités des commissions et des groupes de travail *Presentation of commission and working group activities*

*All chairpersons of commissions and working groups present their main activities during the 1995-1999 period, including seminars and publications.*

*In order to be consistent with the new structure adopted by the General Assembly for commissions, the Netherlands raised a motion to stop the Standing Commission on Education and Training and the Standing Commission on Map Production, and the United States of America raised a motion to stop the Standing Commission on the History of Cartography.*

## 19. Présentation de nouvelles commissions et de nouveaux groupes de travail *New commission and working group proposals*

**Commission on Education and Training - Commission sur l'enseignement et la formation**  
*Russia has nominated Vladimir Tikunov. - La Russie a nommé Vladimir Tikunov.*

**Commission on Map Production - Commission sur la production cartographique**  
*Netherlands have nominated Sjef van der Steen. - Les Pays-Bas ont nommé Sjef van der Steen.*

**Commission on the History of Cartography - Commission sur l'histoire de la cartographie**  
*United Kingdom has nominated Christopher Board. Russia has nominated Alexei V. Postnikov.*  
*Le Royaume Uni a nommé Christopher Board. La Russie a nommé Alexei V. Postnikov.*

**Commission on Spatial Data Standards - Commission sur les normes relatives aux données localisées**  
*The United States of America have nominated Harold Moellering. - Les Etats-Unis d'Amérique ont nommé Harold Moellering.*

**Commission on Theoretical Cartography - Commission sur la théorie de la cartographie**  
*Germany has nominated Alexander Wolodtschenko. - L'Allemagne a nommé Alexander Wolodtschenko.*

**Commission on Visualization and Virtual Environments - Commission sur la visualisation et les environnements virtuels**  
*The United States of America have nominated Alan MacEachren. - Les Etats-Unis d'Amérique ont nommé Alan MacEachren.*

**Commission on Maps and the Internet - Commission sur les cartes et l'Internet**  
*The United States of America have nominated Michael Peterson. - Les Etats-Unis d'Amérique ont nommé Michael Peterson.*

**Commission on Map Generalization - Commission sur la généralisation cartographique**  
*Switzerland has nominated Robert Weibel. - La Suisse a nommé Robert Weibel.*

**Commission on Mapping from Satellite Imagery - Commission sur la cartographie dérivée de l'imagerie satellitale**

France has nominated **Serge Le Blanc**. - La France a nommé **Serge Le Blanc**.

**Commission on National and Regional Atlases - Commission sur les atlas nationaux et régionaux**  
The United States of America have nominated **Timothy Trainor**. - Les Etats-Unis d'Amérique ont nommé **Timothy Trainor**.

**Commission on Census Cartography - Commission sur la cartographie censitaire**  
Canada has nominated **Tim Davis**. - Le Canada a nommé **Tim Davis**.

**Commission on Marine Cartography - Commission de cartographie marine**  
Australia has nominated **Ron Furness**. - L'Australie a nommé **Ron Furness**.

**Commission on Mountain Cartography - Commission sur la cartographie des montagnes**  
Switzerland has nominated **Lorenz Hurni**. - La Suisse a nommé **Lorenz Hurni**.

**Commission on Planetary Cartography - Commission sur la cartographie des planètes**  
Russia has nominated **Kira Shingareva**. - La Russie a nommé **Kira Shingareva**.

**Commission on Gender and Cartography - Commission sur l'égalité des sexes et la cartographie**  
Poland has nominated **Eva Krzywicka-Blum**. - La Pologne a nommé **Eva Krzywicka-Blum**.

**Commission on Maps and Graphics for Blind and Visually-Impaired People - Commission sur les cartes et les graphiques pour les aveugles et les malvoyants**  
United Kingdom has nominated **Andrew Tatham**. - Le Royaume Uni a nommé **Andrew Tatham**.

**Commission on Cartography and Children - Commission sur la cartographie à l'usage des enfants**  
Canada has nominated **Jacqueline Anderson**. - Le Canada a nommé **Jacqueline Anderson**.

The delegate from Poland recommends that the nomination are proposed as made by member nations instead of organisations.

## 20. Candidatures au Comité exécutif - *Nominations to the Executive Committee*

**Bengt Rystedt**, former Vice President of ICA, has been nominated by Sweden for President.

**Ferjan Ormeling**, former chair of the Standing Commission on Education and Training, has been nominated by the Netherlands for Secretary General and Treasurer.

The Executive Committee proposes to the General Assembly that **seven** Vice-Presidents are elected. The following nominations for Vice-President have been received :

**Kirsi Artimo**, Finland

**Marek Baranowski**, Poland

**Milan Konecny**, Czech Republic

**Li Li**, China

**Eli Liebenberg**, South Africa

**Alexander Alexeevitch Liouty**, Russia

**Robert McMaster**, United States of America

**Takashi Morita**, Japan

**Alberta Auringer Wood**, Canada

## 21. Propositions pour les prochaines conférences - *Future conference proposals*

Two bids have been received for hosting the 12<sup>th</sup> General Assembly and 21<sup>st</sup> International Cartographic Conference :

- the Republic of South Africa, in the city of Durban, under the theme 'Dawn – Cartography for Development' ;
- Spain, in the city of Granada.

Both places have been visited by members of the Executive Committee to review the bids. Discussions will continue during the week before the voting by the General Assembly.

Presentations are made by the two delegations.

The General Assembly is adjourned at this point and resumes on 21<sup>st</sup> August.

Ghana application to the International Cartographic Association has been approved by the Executive Committee, and is unanimously ratified by the General Assembly after a motion of Australia seconded by South Africa.

49 member nations are present, among which New Zealand which is ineligible to vote.

## **22. Récompenses de l'ACI - ICA Awards**

ICA Awards are presented with the following citations :

**Roger Anson** : Roger Anson served fifteen years as chairman of the ICA Publications Committee. He established a publication program and systematized the processes for the acceptance of manuscripts for ICA publications. He tirelessly sought authors and guided them through the process. Anson coordinated the ICA Newsletter with Bernard Gutsell for ten years. He has been a very active member of the Commission on Education and Training and has served as co-editor of the Basic Cartography series. In recognition of his many outstanding contributions to the ICA through his organizational work in the Publications Committee and commission work, Roger Anson is awarded the **ICA Honorary Fellowship**.

**Christopher Board** : Dr. Christopher Board stepped in upon the death of Dr. Lech Ratajski and guided the Commission of Cartographic Communication for seven years. He edited the ICA Newsletter during the past four years. In addition, he was one of the principal organizers of the ICA Conference in Bournemouth in 1991. In recognition of his many outstanding contributions to the ICA through his publications, commission and conference work, Christopher Board is awarded the **ICA Honorary Fellowship**.

**Tositomo Kanakubo** : Tositomo Kanakubo has served the ICA for eight years as a Vice President. He initiated a working group on Theoretical Fields and Definitions in Cartography. In 1995 this working group gained commission status within the ICA. He published a book entitled "Main Theoretical Issues Facing Cartography" in 1993. Tositomo Kanakubo also represented the ICA at UN Regional Cartographic Conferences for Asia and the Pacific. For his many outstanding contributions to cartography through his Executive Committee service and his work as a Commission Chair, and for his international service to ICA, Tositomo Kanakubo is awarded the **ICA Honorary Fellowship**.

**Jaume Miranda i Canals** : Jaume Miranda has served the ICA as a Vice President for eight years. His background in computer science, remote sensing and photogrammetry has been helpful to the Executive Committee on many occasions. He is well known as the Director of the highly successful 10th General Assembly and 17th International Conference of the ICA in Barcelona. Jaume Miranda's interest in cartography and his superb leadership has gained world recognition for Catalanian Cartography. For his contribution to Cartography and his outstanding conference and institutional leadership, Jaume Miranda is awarded the **ICA Honorary Fellowship**.

**Fraser D.R. Taylor** : Retiring from a four-year term as Immediate Past President, Fraser Taylor also served as ICA President for eight years and as Vice President from 1984-87. He was the first President of the International Union for Surveys and Mapping, IUSM. His interest and activities in international cartography led to an increase in ICA membership. He fostered relationships between ICA and the PanAmerican Institute of Geography and History, PAIGH, that increased interest in the work of ICA in Latin American countries. For his many, significant contributions to ICA, especially as President, Fraser Taylor is awarded the **ICA Honorary Fellowship**.

**Jean-Philippe Grelot** : Jean-Philippe Grelot has most recently served as ICA Secretary-General and Treasurer for the past eight years and previously served as ICA Vice President from 1987-1991. He served on the Education and Training and Population Commissions and has presented several papers at ICA conferences. He prepared for publication the volumes "ICA Organization and Activities, 1991-1995" and its 1995-1999 update both in paper and diskette form. In recognition of his many outstanding contributions to the ICA through his organizational work as Secretary General and Treasurer and his commission work, Jean-Philippe Grelot is awarded the **ICA Honorary Fellowship**.

**Jacques Bertin** : The seminal work "Semiologie Graphique" published in 1967 by Professor Jacques Bertin has touched more than a generation of cartographers. Training in map design throughout the world discusses Jacques Bertin's ideas. The book has been translated into several languages, and Jacques Bertin's ideas are present in all introductory cartography books today. The ICA is proud to recognize Professor Jacques Bertin for his outstanding contribution to the field of cartography by awarding him its highest honor, the **Carl Mannerfelt Gold Medal**.

## **23. Proposition finale de budget - Final budget proposal**

### **24. Vote du budget - Vote on the budget**

No change has been made in the preliminary budget reported under item 15. The budget is approved (43 in favour, 0 opposed, 1 abstention), including the subscription unit kept as US \$ 250 and the change in by-law 2.

## **25. Election du Président - Election of President**

**Bengt Rystedt** is elected as President of ICA.

## **26. Election du Secrétaire général et Trésorier - Election of Secretary General and Treasurer**

**Ferjan Ormeling** is elected as Secretary General and Treasurer of ICA.

## 27. Fixation du nombre de Vice-Présidents - *Vote on the number of Vice-President*

The proposal for seven Vice-Presidents is adopted by the General Assembly.

## 28. Election des Vice-Présidents - *Election of Vice-Presidents*

**Kirsi Artimo**, Finland, **Milan Konecny**, Czech Republic, **Li Li**, China, **Elri Liebenberg**, South Africa, **Robert McMaster**, United States of America, **Takashi Morita**, Japan, **Alberta Auringer Wood**, Canada, are elected as Vice Presidents of ICA.

**Michael Wood** will stay in the Executive Committee as Past President.

## 29. Election des Commissaires aux comptes - *Election of Auditors*

Upon submission by Executive Committee, **Judy Olson** and **Jaume Miranda i Canals**, former Vice Presidents of ICA, are elected by the General Assembly as the two Auditors for the period 1999 to 2003.

## 30. Commissions et de groupes de travail - *Commissions and working groups* **Présidents des commissions / groupes de travail - *Commission / working group chairpersons***

Le 15 août 1999 durant la première session de la 11<sup>e</sup> Assemblée générale, le Délégué des Pays-Bas a présenté une motion mettant fin aux actuelles commissions permanentes sur l'enseignement et la formation et sur la production cartographique ; le Délégué des Etats-Unis d'Amérique a proposé une motion mettant fin à l'actuelle commission permanente sur l'histoire de la cartographie.

Ces motions portent sur la désignation des commissions et non sur la poursuite de leurs activités, et mettent en cohérence toutes les commissions avec les décisions de l'Assemblée générale sur la distinction entre commissions et groupes de travail du Comité exécutif. Elles sont approuvées par 27 voix pour, 11 contre et 8 abstentions.

*During the first session of the 11<sup>th</sup> General Assembly, 15<sup>th</sup> August 1999, the delegate from the Netherlands has presented a motion for stopping the current standing commissions on education and training and on map production ; the delegate from the United States of America has presented a motion for stopping the current standing commission on the history of cartography.*

*These motions relate to the designation of the commissions but not on the continuation of their activities, and give a framework for all commissions consistent with the decisions made by the General Assembly about the distinction between commissions and Executive Committee working groups. They are approved by 27 in favour, 11 opposed and 8 abstentions.*

**Commission on Education and Training** - Commission sur l'enseignement et la formation. Chair : **Vladimir Tikunov**

**Commission on Map Production** - Commission sur la production cartographique. Chair : **Sjef van der Steen**.

**Commission on the History of Cartography** - Commission sur l'histoire de la cartographie. Chair : **Christopher Board**

**Commission on Spatial Data Standards** - Commission sur les normes relatives aux données localisées. Chair : **Harold Moellering**

**Commission on Theoretical Cartography** - Commission sur la théorie de la cartographie. Chair : **Alexander Wolodtschenko**

**Commission on Visualization and Virtual Environments** - Commission sur la visualisation et les environnements virtuels. Chair : **Alan MacEachren**

**Commission on Maps and the Internet** - Commission sur les cartes et l'Internet. Chair : **Michael Peterson**

**Commission on Map Generalization** - Commission sur la généralisation cartographique. Chair : **Robert Weibel**

**Commission on Mapping from Satellite Imagery** - Commission sur la cartographie dérivée de l'imagerie satellitale. Chair : **Serge Le Blanc**

**Commission on National and Regional Atlases** - Commission sur les atlas nationaux et régionaux. Chair : **Timothy Trainor**

**Commission on Census Cartography** - Commission sur la cartographie censitaire. Chair : **Tim Davis**

**Commission on Marine Cartography** - Commission de cartographie marine. Chair : **Ron Furness**

**Commission on Mountain Cartography** - Commission sur la cartographie des montagnes. Chair : **Lorenz Hurni**

**Commission on Planetary Cartography** - Commission sur la cartographie des planètes. Chair : **Kira Shingareva**

**Commission on Gender and Cartography** - Commission sur l'égalité des sexes et la cartographie. Chair : **Eva Krzywicka-Blum**

**Commission on Maps and Graphics for Blind and Visually-Impaired People** - Commission sur les cartes et les graphiques pour les aveugles et les malvoyants. Chair : **Andrew Tatham**

**Commission on Cartography and Children - Commission sur la cartographie à l'usage des enfants.** Chair : Jacqueline Anderson

The delegate from the Netherlands convey concerns about the name of the Commission on Maps and the Internet which may not cover the terms of reference in an appropriate way.

**31. Présentation de la 20° Conférence Cartographique Internationale – Presentation of the 20<sup>th</sup> International Cartographic Conference**

The presentation is made by the Chinese Committee.

**32. Sélection du lieu de la 12° Assemblée générale et de la 21° Conférence  
Selection of the place of the 12<sup>th</sup> General Assembly and the 21<sup>st</sup> Conference**

The General Assembly votes in favour of the bid made by South Africa for the city of Durban.

**33. Questions diverses - Any other business**

The Secretary General informs that 31 national reports have been received : Afrique du Sud, Algérie, Australie, Belgique, Canada, Chine, Corée, Croatie, Danemark, Espagne, Etats-Unis d'Amérique, Finlande, France, Grèce, Hong Kong, Hongrie, Inde, Iran, Israël, Japon, Malaisie, Mexique, Nouvelle Zélande, Pologne, Portugal, République tchèque, Royaume Uni, Russie, Slovaquie, Suède, Turquie.

The President informs that a publication *ICA Achievements 1995-1999* will be prepared to report on the period.

The Executive Committee has decided to establish an Executive Committee Working Group on Incremental Updating and Versioning.

President Michael Wood closes the 11<sup>th</sup> General Assembly of the International Cartographic Association.