

## CHAPTER II

### TWENTY FOURTH GENERAL ASSEMBLY

**First Session:** August 9, 2000, 15.15  
**Second Session:** August 16, 2000, 14.00  
 Bridgewater Hall  
 Prof. R.P. Kraft, President, in the Chair

#### 1. Opening of the Session

Following the Inaugural Ceremony, the President opened the meeting and welcomed Members to the first working session of the General Assembly. The President asked for a minute of silence in tribute to the memory of Claudio Anguita, IAU Vice-President, who passed away March 3, 2000.

#### 2. Appointment of Official Interpreters

Drs. Neil Cramer (English-French) and Elizabeth Griffin (French-English) had agreed to serve as Official Interpreters. Their election was approved by acclamation.

#### 3. Appointment of Official Tellers

Drs. Colin D. Scarfe and Patricia Whitelock had agreed to serve as Official Tellers. Their election was approved by acclamation.

#### 4. Official Representatives of Adhering Organisations at the General Assembly and on the Nominating Committee

Full Members <i>Associate Members</i>	Cat.	Votes (a)	General Assembly	Nominating Committee
Algeria	I	1	-	A. Irbah
Argentina	III	1	M. Rovira	M. Rovira
Armenia	I	1	E. Khachikian	E. Khachikian
Australia	IV	1	H. Hyland	H. Hyland
Austria	I	1	M. Breger	M. Breger
Belgium	IV	1	F. Verheest	F. Verheest
<i>Bolivia</i>	<i>Ass</i>	<i>1</i>	-	-
Brazil	II	1	W.J. Maciel	W.J. Maciel
Bulgaria	I	1	M. Tsvetkov	M. Tsvetkov
<i>CAAA</i>	<i>Ass</i>	-	-	-
Canada	V	1	R. Taylor	R. Taylor
Chile	I	1	-	-
China Nanjing	V	1	Fang Cheng	Junliang Zhao
China Taipei	I	1	Kwok Yung Lo	Kwok Yung Lo

Croatia	I	1	R. Brajsa	R. Brajsa
Cuba	Ass	/	O. Alvarez	O. Alvarez
Czech Rep.	II	1	J. Vondrák	J. Vondrák
Denmark	III	1	P.E. Nissen	P.E. Nissen
Egypt AR	III	1	A.M. Osman	A.M. Osman
Estonia	I	1	T. Viik	T. Viik
Finland	II	1	V.I. Tuominen/ K. Muinonen	V.I. Tuominen/ K. Muinonen
France	VII	1	J. Kovalevsky	J. Kovalevsky
Georgia	I	1	-	-
Germany	VII	1	M. Grewing	M. Grewing
Greece	III	1	-	-
Hungary	II	1	B. Szeidl	B. Szeidl
Iceland	I	1	T. Saemundsson	T. Saemundsson
India	III	1	S.M. Chitre	S.M. Chitre
Indonesia	I	-	M. Raharto	M. Raharto
Iran	I	1	S. Nasiri	S. Nasiri
Ireland	I	1	M. Redfern/ P. Callan	M. Redfern/ P. Callan
Israel	II	1	-	-
Italy	V	1	L. Padrielli	L. Padrielli
Japan	VII	1	S. Ikeuchi	T. Fukushima
Jordan	Ass	1	A.W. Alsabti	A.W. Alsabti
Korea Rep.	I	1	K. Chang	K. Chang
Latvia	I	-	-	-
Lithuania	I	-	-	-
Macedonia FYR	I	1	M. Mijatovic	G. Apostolovska
Malaysia	Ass	1	M.D. Subari	M.D. Subari
Mexico	II	1	J. Fierro	J. Fierro
Morocco	Ass	1	-	-
Netherlands	IV	1	E.P.J. van den Heuvel	P.C. van der Kruit
New Zealand	I	1	J. Hearnshaw	J. Hearnshaw
Norway	I	1	O. Engvold	K. Aksnes
Peru	Ass	-	M.L. Aguilar	M.L. Aguilar
Philippines	Ass	1	C. Celebre	C. Celebre
Poland	III	1	K. Stepień/ H. Cugier	K. Stepień/ H. Cugier
Portugal	II	1	J. Pereira Osorio	J. Pereira Osorio
Romania	Ass	/	M. Stavinschi	M. Stavinschi
Russia	V	1	N. Kardashev	O. Dlužnevskaya
Saudi Arabia	I	1	-	-
Slovak Rep.	I	1	J. Zverko	J. Zverko
South Africa	III	1	R.S. Stobie/ B. Warner	T. Lloyd Evans/ P.A. Whitelock
Spain	IV	1	-	-
Sweden	III	1	D. Dravins	T. Wiklind/ R. Booth
Switzerland	III	1	G. Beutler	G. Beutler

<i>Tajikistan</i>	<i>Ass</i>	-	P. Babadzhanov	P. Babadzhanov
Turkey	I	-	-	-
UK	VII	1	N.O. Weiss	I. Williams
Ukraine	II	-	-	-
Uruguay	I	1	J. Fernández	J. Fernández
USA	IX	1	V. Rubin	A.U. Landolt
<i>Uzbekistan</i>	<i>Ass</i>	-	Sh. Ehgamberdiev	Sh. Ehgamberdiev
Vatican City State	I	1	C. Corbally	R. Boyle
Venezuela	I	1	-	-

(a) On questions concerning the administration of the union, not involving its budget, voting at the General Assembly is by Adhering Country, each country having one vote. Adhering Countries which have not paid their annual contributions up to 31 December of the year preceding the General Assembly may not participate in the voting.

**5. Vote on Admission of new Associate Members of the Union**

By vote of the National Representatives, the General Assembly admitted the following Associate Members of the Union:

- Cuba, the Academia de Ciencias de Cuba being the Adhering Organisation;
- Jordan, Al al-Bayt University being the Adhering Organisation;
- Morocco, the Centre National de Coordination et de Planfication à la Recherche Scientifique et Technique (CNCPRST) being the Adhering Organisation;
- Philippines, the Weather Bureau of the Philippine Atmospheric Geophysical and Astronomical Services Administration(PAGASA) being the Adhering Organisation.

**6. Vote on Proposed Revision of Statues and Bye-Laws**

The revised Statutes and Bye-Laws, having been submitted to the Adhering Organizations in due time were unanimously approved (See Chapter VII of these Transactions).

**7. Appointment of the Finance Committee**

<b>Full Members</b>	<b>Category</b>	<b>Votes (b)</b>	<b>Representative(s)</b>
Algeria	I	2	-
Argentina	III	4	M. Rovira
Armenia	I	2	A. Mickaelian
Australia	IV	5	M. Bessel
Austria	I	2	M. Breger
Belgium	IV	5	F. Verheest
Brazil	II	3	W.J. Maciel
Bulgaria	I	2	-
Canada	V	6	D.C. Morton
Chile	I	2	-
China Nanjing	V	6	Tan Hui-song
China Taipei	I	2	Kwok Yung Lo
Croatia	I	2	R. Brajsa/ K. Pavlovski
Czech Rep.	II	3	J. Kubat

Denmark	III	4	B. Nordström
Egypt AR	III	4	A.M. Osman
Estonia	I	2	T. Viik
Finland	II	3	K. Muinonen/ I. Tuominen
France	VII	8	J. Kovalevsky/ R. Cayrel
Georgia	I	2	-
Germany	VII	8	M. Grewing
Greece	III	4	-
Hungary	II	3	B. Szeidl
Iceland	I	2	T. Gudmundsson
India	III	4	R. Sagar
Indonesia	I	-	-
Iran	I	2	S. Nasiri
Ireland	I	2	M. Redfern/ P. Callan
Israel	II	3	-
Italy	V	6	L. Padrielli
Japan	VII	8	T. Fukushima
Korea Rep.	I	2	K. Chang
Latvia	I	-	-
Lithuania	I	-	-
Macedonia	I	2	M. Mijatovic
Mexico	II	3	J. Fierro
Netherlands	IV	5	J. Lub
New Zealand	I	2	J. Hearnshaw
Norway	I	2	O. Engvold
Poland	III	4	K. Stępien/ H. Cugier
Portugal	II	3	J. Pereira Osorio
Russia	V	6	G. Rudnitski
Saudi Arabia	I	2	-
Slovak Rep.	I	2	E. Pittich
South Africa	III	4	P.A. Whitelock/ J.L. Jona
Spain	IV	5	-
Sweden	III	4	T. Wiklind/ R. Booth
Switzerland	III	4	G. Beutler
Turkey	I	-	-
UK	VII	8	D. McNally
Ukraine	II	-	-
Uruguay	I	2	J. Fernández
USA	IX	10	R. Milkey
Vatican City State	I	2	G. Consolmagno
Venezuela	I	2	-

(b) On questions involving the budget of the Union, voting is similarly by Adhering Country, under the same conditions and with the same reservations as in (a), the number of votes for each Adhering Country being one greater than the number of its category.

**8. Report of the Executive Committee 1997-2000**

The General Secretary briefly presented the Report of the Executive Committee 1997-2000. The full version of the Report is published as Chapter V of this volume. An abbreviated version of the Report appeared in IB 87, pp. 30-37 (June 2000).

**9. Report on the Work of the Special Nominating Committee**

The President reported that the Special Nominating Committee proposed the following slate of IAU members for Officers and of the Executive Committee for the period 2000-2003:

F. Pacini	President	Italy
R.D. Ekers	President-Elect	Australia
H. Rickman	General Secretary	Sweden
O. Engvold	Assistant General Secretary	Norway
C. Cesarsky	Vice-President (1997-2003)	France
N. Kaifu	Vice-President (1997-2003)	Japan
N. Kardashev	Vice-President (1997-2003)	Russia
K.A. Pounds	Vice-President (2000- 2003)	UK
S. Torres-Peimbert	Vice-President (2000- 2003)	Mexico
R.E. Williams	Vice-President (2000- 2003)	USA

Their election was approved by acclamation.

**10. Acting Presidents of Divisions and Commissions**

<i>Division Acting President</i>		<i>Division Acting President</i>	
I	P.K. Seidelmann	VII	K.C. Freeman
II	P.V. Foukal	VIII	P.A. Shaver
III	M. A'Hearn	IX	C.L. Sterken
IV	B. Barbuy	X	J.M. Moran
V	E.F. Guinan	XI	W. Wamsteker
VI	M.A. Dopita		

*Commission Acting President*

4	E.M. Standish
5	O.B. Dlužnevskya
6	R.M. West
7	C. Froeschlé
8	H. Schwan
9	I.S. McLean
10	G. Ai
12	P.V. Foukal
14	F. Rostas
15	V. Zappalà
16	C. de Bergh
19	D.D. McCarthy
20	H. Rickman
21	C.S. Bowyer
22	W.J. Baggaley
24	E. Schilbach
25	C.L. Sterken
26	H. Zinnecker
27	D.W. Kurtz
28	F. Bertola

*Commission Acting President*

29	B. Barbuy
30	J.B. Hearnshaw
31	T. Fukushima
33	K.C. Freeman
34	M.A. Dopita
35	J.-P. Zahn
36	R. Pallavicini
37	G.S. Da Costa
38	M.S. Roberts
40	J.M. Moran
41	S.J. Dick
42	E.F. Guinan
44	G. Srinivasan
45	M. Gerbaldi
46	J. Fierro
47	A. Szalay
49	F. Verheest
50	W.T. Sullivan
51	C.S. Bowyer

**11. Financial matters**

The Finance Committee appointed a subcommittee to examine the accounts for the years 1997-1999, the interim account for the year 2000, and the proposed budget for the years 2001-2003 and to prepare a report for the presentation to the General Assembly of the IAU.

The subcommittee was composed of T. Fukushima (Japan, Chair), D. McNally (U.K.), R. Milkey (U.S.A.), D.C. Morton (Canada), and T. Viik (Estonia), where R. Milkey and D.C. Morton (the former Chair) were selected from the previous Finance Sub-Committee to ensure the continuity of the task.

**11.1. Report of the Finance Committee, prepared by T. Fukushima, Chair**

The report prepared by the Finance Sub-Committee, as approved by the full Finance Committee, is reproduced in the following. Here we note that the numerical values given below are rounded at the last digit shown.

**ACCOUNTS FOR THE YEARS 1997-1999**

The Finance Committee reviewed the detailed accounts for 1997, 1998, and 1999, whose summary was already published in the IAU Bulletin No. 87. The Committee also examined the audit reports for these three years. We are pleased to report that the funds were expended responsibly in accordance with the budget and policies adopted by the 23rd General Assembly.

We note with satisfaction that the total expenditure in the years 1997-1999 did balance the total income within a very small fraction (less than 0.2%). The insignificant deficit means that the Union will retain its General Fund at the 1996 level. The reserve at the end of the year 1999 (984K CHF) is enough to assure one-year's operation of the Union's activity. The Finance Committee congratulates the General Secretary in his efforts to control the

expenditure to balance income over the three years as recommended at the 23rd General Assembly.

### *Income*

The total income received during the years 1997-1999 was 2760K CHF. This is 10% more than expected. The excess results mainly from the special contribution (+132K CHF) and partially from the increase in the royalties on publication (+30K CHF) paid by both Kluwer and the Astronomical Society of the Pacific (ASP). These seemed to compensate for the reduction of the subsidies from ICSU (- 53K CHF).

### *Adhering Organizations*

The major portion (84%) of the income was the contributions paid by the adhering organizations. We note that there was some (- 10 to +17%) variation in the annual payment. At the end of 1999, however, there was an excess over budget of 119K CHF (5%). This was mainly brought about by the arrival of delayed payments. Thus the Finance Committee appreciates the General Secretary's efforts in recovering with income.

However, we note that the delay of payment is a potential obstacle for the smooth operation of the Union's activities even if the amount of roughly one-year's operational expenses is reserved in the General Fund. Therefore the Finance Committee recommends the incoming General Secretary and Executive Committee to take continuous action to urge the adhering organizations to keep to the deadlines for payment.

### *Special Contributions*

The received amount in the years 1997-1999 was 131K CHF. Almost all of it was associated with the 23rd General Assembly. This is comparable with the previous contributions: 176K CHF for 1991-93 and 209K CHF for 1994-96.

### *ICSU/UNESCO*

The contribution from the ICSU/UNESCO decreased gradually: 28K CHF in 1997, 21K CHF in 1998, and 18K CHF in 1999. As a result, the total amount was greatly smaller (- 44%) than budgeted. Fortunately this deficit (53K CHF) was compensated by the increase in the other contributions. We note that, in preparing the future budget, this tendency must be seriously taken into account as was done for the budget for 2001-2003.

### *Publications: Royalties*

Increased Royalties gave an excess of 30K CHF. This was due to the recent change of the authorized publisher from Kluwer to ASP.

### *Expenditure*

The total expenditure in the years 1997-1999 was 2765K CHF. This was close to the value budgeted with the excess of a small fraction (90K CHF). Thus the Finance Committee concludes that the funds were properly expended in accordance with the budget. We hope that this good practice will be followed during 2000 to 2003.

### *Scientific Activities*

The Expenditure in Scientific Activities is the major (42%) category of the Union's expenditure. It was 1171K CHF in the years 1997-1999 with a small fraction of excess (14K CHF) over the budget. The Finance Committee notes that, among them, the Grants distributed at the 23rd General Assembly reached 509K CHF. This is almost the triple of

the value budgeted. The excess came partly from the unexpected leftover (177K CHF) of the expenses for associated Symposia and partly from the special contributions received (131K CHF).

#### *Educational Activities*

The amount spent in the educational activities in the years 1997-1999 was 227K CHF. We note that this is a great (+72%) improvement when compared with expenditure in the years 1994-1996.

#### *Executive Committee*

The expenditures in the years 1997-1999 was 322K CHF, which resulted in a deficit of 57K CHF. Apart from the unbudgeted expense on the archive (33K CHF), the main cause is the excess (22K CHF) of the expenses of Executive Committee Meetings; most of those were travel expenses. The Finance Committee requests the incoming Executive Committee to use its best efforts to reduce this type of expenditure.

#### *Administration/Secretariat*

The amount used was 749K CHF with a deficit of 18K CHF. This unbalance was mainly due to the unexpected change in Secretariat Staff in 1998. This caused the excess of personnel-related items (Salaries & Charges and Training Courses) by as much as 52K CHF. However, most of its effect was offset by the reduction of General Office Expenses (40K CHF).

Overall we think the proportion (27%) of the costs for administration is very modest considering the scope of the programs accomplished by the IAU. We wish to commend the staff and the General Secretary for their efficiency while at the same time raising awareness that more resources may be needed in this area.

### INTERIM ACCOUNT FOR THE YEAR 2000:

For the current year, 2000, the Finance Committee confirmed that both the income and expenditures are on track to meet the budget approved by the 23rd General Assembly, and that no revisions are indicated.

### BUDGET FOR THE YEARS 2001-2003

The Finance Committee examined the assumptions used to construct the budget for the years 2001-2003 and found that these are reasonable and conservative. We note that the expected deficit is quite small (less than 1K CHF). This is a great achievement when compared with those for 1998-2000 (203K CHF deficit). We encourage the Union to maintain balanced budgets in the future.

#### *Income*

The expected total income in the years 2001-2003 is 2674K CHF where the special contribution is counted as 0 as usual. The increase of 166K CHF from that in the previous three years 1998-2000 is well accommodated within the three-years' inflation rate assumed (7.5%) to maintain the level of Union's income.

#### *Adhering Organizations*

The assumption for annual inflation rates for the Unit of Contribution is appropriate and consistent with the best information currently available. These rates, quoted below, are intended to result in a Unit that is constant in real terms.

Item	2001	2002	2003	2001-2003
Inflation Rate (from prior year(s))	2.0%	2.4%	2.7%	7.5%
Unit of Contribution (CHF)	3100	3175	3260	9535

Also the total number of Units is scheduled to increase from 254 to 260 in the years 2001-2003. The resulting total dues expected in these three years amount to 2479K CHF, which is 10% more than the previous value.

### *Special Contributions*

The budget assumes no special contributions. This is a conservative but reasonable approach. We expect that the Union will make best efforts to maintain the special contributions.

### *ICSU/UNESCO*

The subsidies from the ICSU/UNESCO in the budget are based on the experiences in the years 1997-1999. Although the average annual income was 22K CHF, its trend over the three years was annual decrease. Thus the Finance Committee regards the proposed value of 15K CHF as appropriate.

### *Publications*

The income from the royalties on IAU publications has been reduced by around 13%. The Finance Committee understands that this is by the Executive Committee's intention to enhance their circulation by setting the prices at lower level. We request the incoming General Secretary to take an action to encourage the publisher to realize this expectation by vigorous marketing.

### *Expenditures*

Below, we mainly discuss in terms of the formal values without adjustment for inflation. In obtaining the real values for the three years, one must take into account the assumed rate of inflation of 7.5% for the next three years which was used in determining the sliding rate of Unit of Contribution.

#### *Scientific Activities*

The Expenditure for Scientific Activities in the years 1997-1999 amounting to 1171K CHF was almost the same (1% increase) as that expended in the years 1994-1996. The relatively high level of activities for 1997-1999 was mainly thanks to the Executive Committee's temporary policy of reducing the reserve to the level of one-year operational cost, which was based on the recommendation of the Finance Committee at the 21st General Assembly.

Recognizing that the General Fund has come down to the planned level (984K CHF) by the end of 1999, the Finance Committee notes that the Union should not expect a similar increase in the future. Fortunately, however, the total number of units of contribution from the adhering organizations has increased as we noticed before. Thus we are pleased to find that the proposed budget uses this increase in income (57K CHF) to offset the expected decrease in expenses in these three years.

However, taking into account the effect of inflation, we must admit the fact that the real value of the budgeted expenditure is significantly decreasing. Since most of it will be used as travel support to the General Assembly, Symposia, Colloquia, and other scientific meetings, the Finance Committee strongly requests the incoming General Secretary and

Executive Committee to make their best efforts to maximize the effects of this expenditure.

#### *Educational Activities*

The Finance Committee does appreciate the plan to increase the expenditure in this field as proposed in the budget (270K CHF). When compared with the previous budgeted value (225K CHF), this corresponds to 12% increase in substantial value after the correction of modeled inflation rate.

#### *Dues to Unions and Organizations*

The amount forecast in the budget appears adequate to meet the obligations of the IAU to such organizations.

#### *Executive Committee*

The amount budgeted is reasonable if the inflation is taken into account. However, the Finance Committee requests the incoming General Secretary to continue to reduce the costs in this category as much as possible without decreasing the effectiveness and quality of the necessary business of the Union.

#### *Publications*

The proposed budget assumes a reduction (24K CHF) of publication costs mainly by reducing the number of free distribution of IAU publications to an appropriate level. The Finance Committee recognizes that the current contract with the publisher specifies that the actual printing costs for regular I.B. (two issues per year) be at the publisher's expense. The reduction of the number of copies may not lead directly to reduction of the expenditure in this field.

The Finance Committee, however, notes that the recent I.B. are electronically accessible through the Union's web page. We also note that the remaining expenses, namely the shipping charge and the cost for special issues, remain as a considerable (102K CHF) charge. Therefore, the Finance Committee recommends the incoming General Secretary to take an appropriate action to evaluate the possibility, while respecting the recipients' preference as much as possible, of reducing the number of I.B. to be shipped.

#### *Administration/Secretariat*

Taking the effect of inflation into account, the Finance Committee finds that the planned expenditures in this field for the next three years represent a slight decrease (- 2.5%) from those budgeted previously. Recognizing the increasing number of individual members and adhering bodies, we are satisfied with the efficiency of operations of this office.

### GENERAL FUND

The IAU policy has been to maintain a reserve equivalent to one-year's operating budget. This was finally realized at the end of 1999 as we noted earlier. We greatly appreciate the efforts of the General Secretary to achieve this goal.

On the other hand, this achievement means that a strict operation of Union's activities as budgeted is necessary to maintain the current level of reserve. Therefore, the Finance Committee strongly recommends the incoming General Secretary to try to maintain the expenditure as budgeted and, if some unexpected situation happens, to take immediate and appropriate action to reduce its effect on the balance as much as possible.

**REMARKS*****Working Rules to Control Budget and Expenditures***

The Finance Committee notes that no explicit working rule exists to control the budget after its approval at the corresponding General Assembly and to control the expenditures after the budget approval. We also note that the planning of budget 3-4 years prior the actual operations is a difficult task in the days when the fiscal situations change rapidly.

We consider that the General Secretary must be allowed to have the freedom to control the budget and expenditure, to a limited extent freely. Agreement of the Executive Committee should be required in order to accommodate unexpected large changes. We believe that this will greatly enhance the accountability of the Union's activity.

Then, the Finance Committee requests the incoming Executive Committee to consider the possibility to take appropriate action to draw up appropriate Working Rules and, if necessary, amend the existing By-Laws or Statutes.

***Working Rules of Finance Committee and Finance Sub-Committee***

The Finance Committee received a useful report from the previous Finance Sub-Committee, a great portion of which was reflected in preparing this report. It is a sound approach to have a standing subcommittee every three years in order to keep under review the expenditure and essential modification of the budget, and to help the General Secretary prepare a suitable budget for the next three years.

For this purpose, the Finance Committee recommends that the incoming Executive Committee draw up working rules to establish the structure of finance-related functions of the Union and to specify more clearly the tasks of Finance Committee and Finance Sub-Committee. We stress that it is important to maintain the continuity of the Finance Sub-Committee.

***Risk Analysis***

The Finance Committee notes that the Union carries no insurance. In view of increasing trend toward litigation, we think that the Union should consider carefully the possibility of purchasing insurance covering all risks to Union's assets, the Union's liability for injury to third parties at events organized by the Union, and the exposure of the Union to legal action for libel.

Then the Finance Committee requests the incoming General Secretary to consult a reputable, independent, risk analyst to establish the Union's exposure to risk and, in the light of the analysis report, to take appropriate action.

***Investment Policy***

The Finance Committee found that the investment of the General Fund (some 940K CHF) has relied upon the suggestion of the Union's main bank, UBS. We feel that the Union's policy is inappropriate and recommends that the incoming General Secretary consult with a reputable investment expert in order to have independent advice, so that the Union may select the most advantageous means of managing its portfolio.

***Administrative Staffing***

The Finance Committee recommends that the incoming General Secretary examine the division of tasks and distribution of skills among the staff and make a recommendation regarding the need for additional staff or skills within the Secretariat (e.g. someone with an

accounting background). We are concerned that without such additional support some important tasks in finance and administration may, of necessity, receive insufficient attention. If additional funding is required for this area, the Executive Committee should adjust the budget accordingly during the next three years.

### 11.2. Vote on the budget for 2001-2003

The proposed budget was approved.

### 11.3. Appointment of a Standing Finance Sub-Committee

Following the recommendation of the Finance Committee, the General Assembly appointed a Standing Finance Sub-Committee for the period 2000-2003, composed of:

T. Fukushima	Japan, Chair	D. Morton	Canada
D. McNally	UK	T. Viik	Estonia
R. Milkey	USA		

### 12. Resolutions

The Chairman of the Resolutions Committee, Dr. D. McNally, summarised the recommendations of the Committee concerning the Resolutions of Type B, which had been submitted by Divisions in due time before the General Assembly and had been posted before the session. The proposed resolutions were approved by the General Assembly (unanimously for Resolutions B1 - B2; and by vote for B3). The full text of the Report appears in Chapter IV of this volume.

### 13. Appointment of the Resolutions Committee 2000-2003

By acclamation, the General Assembly appointed the following Resolutions Committee for the triennium 2000-2003 (Working Rules § 37):

I. Appenzeller	Italy	V. Trimble	USA
C. Corbally	Vatican City State	R. West	Germany
J. Kovalevsky	France, Chair		

### 14. Appointment of Division Presidents, Commission Presidents and Vice-Presidents, and President of EC Working Group

#### DIVISION / COMMISSION(S)

<b>I</b>	<b><i>Fundamental Astronomy</i></b>	<i>President:</i> N. Capitaine
	<i>Commissions</i>	<i>President / Vice-President</i>
4	Ephemerides	J. Chapront / G.A. Krasinsky
7	Celestial Mechanics & Dynamical Astronomy	J.D. Hadjidemetriou / A. Milani
8	Astrometry	Jin Wenjing / I. Platais
19	Rotation of the Earth	N. Capitaine / V. Dehant
31	Time	G. Petit / G. Matsakis
<b>II</b>	<b><i>The Sun &amp; Heliosphere</i></b>	<i>President:</i> A. Benz
	<i>Commissions</i>	<i>President / Vice-President</i>
10	Solar Activity	A. Benz / D.B. Melrose
12	Solar Radiation & Structure	S. Solanki / T. Bogdan
49	Interplanetary Plasma & Heliosphere	M. Vandas / D.F. Webb

<b>III Planetary Systems Sciences</b>	<i>President:</i> M. Marov
<i>Commissions</i>	<i>President / Vice-President</i>
15 Physical Study of Comets & Minor Planets	H.U. Keller / E.F. Tedesco
16 Physical Study of Planets & Satellites	D. Cruikshank / R. Courtin
20 Positions & Motions of Minor Planets, Comets & Satellites	E.L.G. Bowell / G.B. Valsecchi
21 Light of the Night Sky	P. Lamy / J.M. Greenberg
22 Meteors, Meteorites & Interplanetary Dust	V. Porubčan / I. Mann
51 Bioastronomy: Search for Extraterrestrial Life	C.S. Bowyer / K. Meech
<b>IV Stars</b>	<i>President:</i> B. Barbuy
<i>Commissions</i>	<i>President / Vice-President</i>
26 Double & Multiple Stars	C. Scarfe / W.I. Hartkopf
29 Stellar Spectra	G. Mathys / C. Sneden
35 Stellar Constitution	D. Vandenberg / W. Dziembowski
36 Theory of Stellar Atmospheres	D. Dravins / M. Spite
45 Stellar Classification	T.L. Evans / C. Corbally
<b>V Variable Stars</b>	<i>President:</i> E. Guinan
<i>Commissions</i>	<i>President / Vice-President</i>
27 Variable Stars	J. Christensen-Dalsgaard / C. Aerts
42 Close Binary Stars	P. Szkody / A. Gimenez
<b>VI Interstellar Matter</b>	<i>President:</i> B. Reipurth
<i>Commission</i>	<i>President / Vice-President</i>
34 Interstellar Matter	B. Reipurth / J. Dyson
<b>VII Galactic System</b>	<i>President:</i> G. Meylan
<i>Commissions</i>	<i>President / Vice-President</i>
33 Structure & Dynamics of the Galactic System	D.N. Spergel / P.A. Whitelock
37 Star Clusters & Associations	G. Meylan / A. Sarajedini
<b>VIII Galaxies &amp; the Universe</b>	<i>President:</i> V. Trimble
<i>Commissions</i>	<i>President / Vice-President</i>
28 Galaxies	S. Okamura / E. Sadler
47 Cosmology	J. Peacock / S. Lilly
<b>IX Optical &amp; Infrared Techniques</b>	<i>President:</i> A.U. Landolt
<i>Commissions</i>	<i>President / Vice-President</i>
9 Instrumentation & Techniques	Su Ding-qiang / M. Dennefeld
25 Stellar Photometry & Polarimetry	Ch.L. Sterken / A.U. Landolt
30 Radial Velocities	A. Tokovinin / B. Nordström
<b>X Radio Astronomy</b>	<i>President:</i> L. Padrielli
<i>Commission</i>	<i>President / Vice-President</i>
40 Radio Astronomy	L. Padrielli / I. Rodriguez

**XI Space & High Energy Astrophysics***President:* G. Srinivasan*Commission**President / Vice-President*

44 Space &amp; High Energy Astrophysics

G. Srinivasan / H. Okuda

## COMMISSION NOT ATTACHED TO A DIVISION

*President / Vice-President*

41 History of Astronomy

F.R. Stephenson / A. Gurshtein

## COMMISSIONS OF THE EXECUTIVE COMMITTEE

*President / Vice-President*

5 Documentation &amp; Astronomical Data

O.B. Dluzhnevskaya / F. Genova

6 Astronomical Telegrams

B.G. Marsden / K. Aksnes

14 Atomic &amp; Molecular Data

P.L. Smith / S. Johansson

46 Astronomy Education &amp; Development

S. Isobe / J. Pasachoff

50 Protection of Existing  
& Potential Observatory Sites

J. Cohen / M. Smith

## WORKING GROUP OF THE EXECUTIVE COMMITTEE

Working Group for Future Large Scale Facilities

*President:* R.T. Schilizzi**15. Appointment of the Special Nominating Committee 2000-2003 (SNC)**

Following the vote of the Division Presidents, the following composition of the Special Nominating Committee for the period 2000-2003 was unanimously approved by the General Assembly:

S. Collin	France	M. Mayor	Switzerland
M. Dopita	Australia	F. Pacini	Italy, Chair
S. Ferraz-Mello	Brazil	M.T. Ruiz	Chile
R.P. Kraft	USA, ex officio		

**16. Individual Membership of the Union**

By acclamation, the General Assembly welcomed the 748 new IAU members who had been admitted on the advice of the Nominating Committee. This brings the total number of IAU Members to 8328, effective as of the day of the session.

The General Assembly stood in silence while the General Secretary read the names of the 136 Members whose death had been reported to the Secretariat since the XXIIIrd General Assembly. The full list of these names is given in the Report of the Executive Committee (Chapter V) in these Transactions.

**17. IAU Representatives to Other International Organisations, 2000-2003**

(Please note that this list has been finalized after the General Assembly)

<b>Acronym</b>	<b>Organisation</b>	<b>Representative(s)</b>
ICSU	International Council of Scientific Unions General Committee	O. Engvold O. Engvold

<b>BIPM</b>	Bureau International des Poids et Mesures	J. Kovalevsky
<b>CCTF</b>	International Consultative Committee for the Time Frequency	T. Fukushima
<b>CCU</b>	Comité Consultatif des Unités	S. Débarbat
<b>CIE</b>	Compagnie Internationale de l'Eclairage	S. Isobe
<b>CODATA</b>	Committee on Data for Science & Technology	R. Norris
<b>COPUOS</b>	Committee on the Peaceful Uses of Outer Space Scientific & Technical SubCommittee	J. Andersen
<b>COSPAR</b>	Committee on Space Research	H. Rickman
<b>COSPAR</b>	SC B	C. de Bergh
<b>COSPAR</b>	SC D	M. Vandas
<b>COSPAR</b>	SC E	W. Wamsteker
<b>COSPAR</b>	Sub. Committee E1	G. Srinivasan
<b>COSPAR</b>	Sub. Committee E2	O. Engvold
<b>COSTED</b>	Committee on Science & Technology in Developing Countries	O. Engvold
<b>FAGS</b>	Federation of Astronomical & Geophysical Services	P. Pâquet/ E. Tandberg-Hanssen
<b>IAF</b>	International Astronautical Federation	J. Tarter (2000-2001)
<b>IERS</b>	International Earth Rotation Service	J. Vondrák
<b>IGBP</b>	International Geosphere-Biosphere Programme	TBA
<b>ISES</b>	International Space Environment Service	H. Coffey
<b>ITU</b>	International Telecommunication Union	
<b>ITU-R</b>	Radiocommunication Bureau	W. Klepczynski/ T. Gergely/ M. Ohishi
<b>IUCAF</b>	Inter-Union Commission on Frequency Allocation for Radio Astronomy & Space Science	K. Tapping/ I. Kawaguchi/ D. Emerson/ R.J. Cohen
<b>IUPAP</b>	International Union of Pure & Applied Physics	H. Rickman
<b>IUPAP C4</b>	Commission on Cosmic Rays	H. Voelk
<b>IVS</b>	International VLBI Service	N. Capitaine
<b>QBSA</b>	Quarterly Bulletin on Solar Activity	I. Kawaguchi
<b>SCAR</b>	Scientific Committee on Antarctic Research	J. Storey
<b>SCOSTEP</b>	Scientific Committee on Solar-Terrestrial Physics	B. Schmieder
<b>URSI</b>	Union Radio-Scientifique Internationale	L. Padrielli

**18. Places and Dates of the XXVth and XXVIth General Assemblies**

Upon invitation from the Australian Academy of Sciences, the XXVth General Assembly will be held in Sydney July 13-26, 2003.

The invitation from the Czech National Committee for Astronomy and the Astronomical Institute of the Academy of Sciences of the Czech Republic, under the auspices of the Academy of Sciences of the Czech Republic, have jointly invited the XXVIth IAU General Assembly. This invitation was accepted by acclamation.

**19. Election to the Union of a President, a President-elect, six Vice-Presidents, a General Secretary and an Assistant General Secretary**

As proposed by the Special Nominating Committee, the General Assembly elected:

F. Pacini	President	Italy
R.D. Ekers	President-Elect	Australia
H. Rickman	General Secretary	Sweden
O. Engvold	Assistant General Secretary	Norway
K.A. Pounds	Vice-President (2000- 2006)	UK
S. Torres-Peimbert	Vice-President (2000- 2006)	Mexico
R.E. Williams	Vice-President (2000- 2006)	USA

Accordingly, the composition of the Executive Committee for the period 2000-2003 is as follows:

F. Pacini	President	Italy
R.D. Ekers	President-Elect	Australia
H. Rickman	General Secretary	Sweden
O. Engvold	Assistant General Secretary	Norway
C. Cesarsky	Vice-President (1997-2003)	France
N. Kaifu	Vice-President (1997-2003)	Japan
N. Kardashev	Vice-President (1997-2003)	Russia
K.A. Pounds	Vice-President (2000-2006)	UK
S. Torres-Peimbert	Vice-President (2000-2006)	Mexico
R.E. Williams	Vice-President (2000-2006)	USA
R.P. Kraft	Adviser	USA
J. Andersen	Adviser	Denmark

This being the last item of the business session, the President invited the newly elected members of the Executive Committee to the podium, and the General Assembly proceeded to the Closing Ceremony (Chapter III).