

## CHAPTER II

### TWENTY FIFTH GENERAL ASSEMBLY

**First Session:** July 14, 2003, 15:15

**Second Session:** July 24, 2003, 14:15

Skyline Meeting Room 3

Darling Harbour Convention and Exhibition Centre

Prof. Franco Pacini, 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.

#### 2. Appointment of Official Interpreters

Drs. Roger Cayrel (English-French) and Georges Meylan (French-English) agreed to serve as Official Interpreters. Their election was approved by acclamation.

#### 3. Appointment of Official Tellers

Drs Georges Meylan and Virginia Trimble agreed to serve as Official Tellers. Their nomination was approved by acclamation.

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

Full members <i>Associate Memb.</i>	Category	Votes (a)	General Assembly	Nominating Committee
Algeria	I	1		
Argentina	II	1	Gloria Dubner	Cristina Mandrini
Armenia	I	1		
Australia	IV	1	Rachel Webster Richard Manchester	Harry Hyland
Austria	I	1	Jörg Pfeiderer	Jörg Pfeiderer
Belgium	IV	1	Marcel Arnould	Marcel Arnould
<i>Bolivia</i>	Ass	1		
Brazil	II	1	Daniela Lazzaro	Daniela Lazzaro
Bulgaria	I	1		
Canada	V	1	Russel Taylor James Hesser	Russel Taylor/ James Hesser
Chile	I	1		
China, Nanjing	V	1	Ding-qiang Su	Jun Yan
China R	I	1	Wing-Huen Ip Ko Chung Ming	Wing-Huen Ip/ Ko Chung Ming
<i>Cuba</i>	Ass	1		

Croatia	I	1	D. Kotnik-Karuza	Dubravka Kotnik-Karuza
Czech R a	II	1	Jan Vondrak	Jan Palous
Denmark	III	1	Poul E. Nissen	Birgitta Nordström
Egypt AR	III	1		
Estonia	I	1	Tonu Viik	Tonu Viik
Finland	II	1	Ilkka Tuominen	Ilkka Tuominen
France	VII	1	Jean-Claude Pecker	Jean-Claude Pecker
Georgia	I	1		
Germany	VII	1	Detlev Koester	Klaas S. de Boer
Greece	III	1	John H. Seiradakis	John H. Seiradakis
Hungary	II	1	B.A. Balazs	B.A. Balazs
Iceland	I	1		
India	III	1	S.M. Chitre	S.M. Chitre
Indonesia	I	1	Moedji Raharto	Moedji Raharto
Iran	I	1	Yousef Sobouti	Sadollah Nasiri
Ireland	I	1	Michael Redfern	Michael Redfern
Israel	II	1	Hagai Netzer	Hagai Netzer
Italy	V	1	Lucia Padrielli	Lucia Padrielli
Japan	VII	1	Toshio Fukushima	Toshio Fukushima
<i>Jordan</i>	Ass	1		
Korea RP	I	1	Bon Chul Koo	Bon Chul Koo/ Sang Gak Lee
Latvia	I	1		
Lithuania	I	1		
Macedonia	I	1		
<i>Malaysia</i>	Ass	1		
Mexico	II	1	Luis F. Rodriguez	Christine Allen
<i>Morocco</i>	Ass	1		
Netherlands	IV	1	P.C. van der Kruit	W.H. Boland
New Zealand	I	1	Pamela Kilmartin	Pamela Kilmartin
Nigeria	I	1		
Norway	I	1	K. Aksnes	K. Aksnes
<i>Peru</i>	Ass	1		
<i>Philippines</i>	Ass	1	Cynthia P. Celebre	Cynthia P. Celebre
Poland	III	1	Mikolaj Jerzykiewicz Kazimierz Stepien	Mikolaj Jerzykiewicz Kazimierz Stepien
Portugal	II	1	José J. Pereira Osório	José J. Pereira Osório
<i>Romania</i>	Ass	1	Magdalena Stavinschi	Magdalena Stavinschi
Russian Federation	V	1	O.B. Dluzhnevskaya	O.Yu. Malkov
Saudi Arabia	I	1		
Serbia & Montenegro	I	1	Zoran Knezevic	Zoran Knezevic
Slovakia	I	1	Vladimir Porubcan	Vladimir Porubcan
South Africa	III	1	J.L. Jonas	A.P. Fairall/C. Rijdsdijk
Spain	IV	1	Rafael Bachiller	Rafael Bachiller
Sweden	III	1	Dainis Dravins	Lennart Lindegren
Switzerland	III	1	Bruno Binggeli	Bruno Binggeli
<i>Tajikistan</i>	Ass	1		
Turkey	I	1	Solen Balman	Solen Balman
UK	VII	1	Jocelyn Bell Burner Paul Murdin	Paul Murdin

Ukraine	II	1	Klim Churyumov	Gennadij Pinigin
Uruguay	I	1		
USA	IX	1	John Huchra	Catherine Pilachowski Neta A. Bahcall
<i>Uzbekistan</i>	Ass	1		
Vatican City State	I	1	Christopher Corbally	Jose Funes
Venezuela	I	1		

### 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:

- Nigeria, the Nigerian Academy of Sciences being the Adhering Body.
- Serbia & Montenegro, the Society of Physics of Serbia and Montenegro to serve as Adhering Body.

### 6. Vote on Proposed Revision of Statutes 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

Full members	Category	Votes (b)	Representative
Algeria	I	2	
Argentina	II	3	Cristina Mandrini
Armenia	I	2	Edward Ye. Khachikian
Australia	IV	5	Brian Boyle
Austria	I	2	Jörg Pfeleiderer
Belgium	IV	5	Marcel Arnould
Brazil	II	3	Daniela Lazzaro
Bulgaria	I	2	
Canada	V	6	Russel Taylor/James Hesser
Chile	I	2	
China, Nanjing	V	6	Xinhao Liao
China, Taipei	I	2	Wing-Huen Ip/Ko Chung Ming
Croatia	I	2	Dubravka Kotnik-Karuza
Czech R	II	3	Petr Heinzl
Denmark	III	4	Jørgen Christensen-Dalsgaard
Egypt AR	III	4	
Estonia	I	2	Tonu Viik
Finland	II	3	Ilkka Tuominen
France	VII	8	Pierre Encrenaz
Georgia	I	2	
Germany	VII	8	Richard Wielebinski
Greece	III	4	John H. Seiradakis
Hungary	II	3	B.A. Balazs
Iceland	I	2	
India	III	4	S.M. Chitre
Indonesia	I	2	Moedji Raharto
Iran	I	2	Sadollah Nasiri

Ireland	I	2	Michael Redfern
Israel	II	3	Hagai Netzer
Italy	V	6	Lucia Padrielli
Japan	VII	8	Toshio Fukushima
Korea RP	I	2	Bon Chul Koo/Sang Gak Lee
Latvia	I	2	
Lithuania	I	2	
Macedonia	I	2	
Mexico	II	1	Manuel Peimbert
Netherlands	IV	5	H.J. Habing
New Zealand	I	2	Pamela Kilmartin
Nigeria	I	2	
Norway	I	2	Kaare Aksnes
Phillippine	I	2	Cynthia P. Celebre
Poland	III	4	Kazimierz Stepien
Portugal	II	3	Jos Joaquim Pereira Osório
Romania	I	2	Magdalena Stavinschi
Russian Federation	V	6	Yu.P. Ilyasov
Saudi Arabia	I	2	
Serbia & Montenegro	I	2	Zoran Knezevic
Slovakia	I	2	Vladimir Porubcan
South Africa	III	4	P.A. Whitelock
Spain	IV	5	Rafael Bachiller
Sweden	III	4	Lennart Lindegren
Switzerland	III	4	Bruno Binggeli
Turkey	I	2	Solen Balman
UK	VII	1	Paul Murdin/Ian Howarth
Ukraine	II	3	Klim Churyumov
Uruguay	I	2	
USA	IX	10	Arlo U. Landolt
Vatican City State	I	2	Guy Consolmagno
Venezuela	I	2	

## 8. Report of the Executive Committee 2000-2003

The General Secretary presented an abbreviated version of the Report of the Executive Committee 2000-2003. The full version of the Report is published in Chapter V of this volume.

## 9. Report of 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 the Executive Committee for the period 2003-2006:

President	R.D. Ekers	Australia
President-Elect	C. Cesarsky	France
General Secretary	O. Engvold	Norway
Assistant General Secretary	K.A. van der Hucht	Netherlands
Vice-President	B. Warner	South Africa
Vice-President	Cheng Fang	China
Vice-President	B. Barbuy	Brazil
Vice-President	K.A. Pounds	United Kingdom

Vice-President	S. Torres-Peimbert	Mexico
Vice-President	R.E. Williams	USA
Advisor (Past President)	F. Pacini	Italy
Advisor (Past General Secretary)	H. Rickman	Sweden

Their election was approved by acclamation.

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

<i>Division</i>	<i>Acting President</i>	<i>Division</i>	<i>Acting President</i>
<b>I</b>	N. Capitaine	<b>VII</b>	G. Meylan
<b>II</b>	A. Benz	<b>VIII</b>	V. Trimble
<b>III</b>	M. Marov	<b>IX</b>	A.U. Landolt
<b>IV</b>	B. Barbuy	<b>X</b>	L. Padrielli
<b>V</b>	E. Guinan	<b>XI</b>	G. Srinivasan
<b>VI</b>	B. Reinpurth		

  

<i>Commission</i>	<i>Acting President</i>	<i>Commission</i>	<i>Acting President</i>
<b>4</b>	J. Chapront	<b>29</b>	G. Mathys
<b>5</b>	O.B. Dluzhnevskaya	<b>30</b>	A. Tokovinin
<b>6</b>	B.G. Marsden	<b>31</b>	G. Petit
<b>7</b>	J.D. Hadjidemetriou	<b>33</b>	D.N. Spergel
<b>8</b>	Jin Wenjing	<b>34</b>	B. Reinpurth
<b>9</b>	Su Ding-qiang	<b>35</b>	D. VandenBerg
<b>10</b>	A. Benz	<b>36</b>	D. Dravins
<b>12</b>	S. Solanki	<b>37</b>	G. Meylan
<b>14</b>	P.L. Smith	<b>40</b>	L. Padrielli
<b>15</b>	H.U. Keller	<b>41</b>	F.R. Stephenson
<b>16</b>	D. Cruikshank	<b>42</b>	P. Szkody
<b>19</b>	N. Capitaine	<b>44</b>	G. Srinivasan
<b>20</b>	E.L.G. Bowell	<b>45</b>	T.L. Evans
<b>21</b>	P. Lamy	<b>46</b>	S. Isobe
<b>22</b>	V. Porubcan	<b>47</b>	J. Peacock
<b>25</b>	Ch.L. Sterken	<b>49</b>	M. Vandas
<b>26</b>	C. Scarfe	<b>50</b>	J. Cohen
<b>27</b>	J. Christensen-Dalsgaard	<b>51</b>	C.S. Bowyer
<b>28</b>	S. Okamura		

**11. Financial Matters**

The Finance Committee appointed a subcommittee to examine the accounts for the years 2000-2002, the interim account for the year 2003, and the proposed budget for the years 2004-2006, and to prepare a report for the presentation to the General Assembly of the IAU.

The Finance Sub-Committee (FSC) for the period 2000-2003 was established at the 24th IAU General Assembly at Manchester and has acted as a standing committee on financial issues of the IAU activities for the period 2000-2003. This FSC is composed of Toshio Fukushima (Chair, Japan), Robert W. Milkey (USA), D.C. Morton (Canada) and Tónu Viik (Estonia), where Milkey and Morton (the former chair) were retained from the previous Finance Sub-Committee to ensure the continuity of this important task.

### 11.1. Introduction

In discussing the accounts for the years 2000-2002, we compared them with those for the previous three years 1997-1999. While, in considering the budget for the triennium 2004-2006, we contrasted the m to that for 2001-2003. Note the difference in the years of comparison.

### 11.2. Accounts for the years 2000-2002

The FSC reviewed the detailed accounts for 2000, 2001, and 2002. The FSC 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 24th GA.

We note that the total expenditure in the years 2000-2002 exceeded the total income by 296 kCHF. This is 213 KCHF more than planned in the budget. The unexpected deficit was caused by the delayed payment of dues by some Adhering Organizations (AO). As a result, the General Fund (GF) was reduced to 689 kCHF at the end of 2002. This amount is significantly less than the level the FSC regards appropriate, namely that needed for one-year's operation of the Union's activity on the non-GA year, which is some 800 kCHF. The FSC urges the Finance Committee (FC) to recommend that the incoming General Secretary (GS) and Executive Committee (EC) avoid such situation in the future.

#### 11.2.1. INCOME

The total income received during the years 2000-2002 was 2542 kCHF. This is 77 kCHF less than expected even after taking into account the special contribution amounting 211 kCHF, which was not planned in the budget. This deficit was mainly caused by the short fall in the dues paid by the AO totaling 317 kCHF. Some of the money (111 kCHF) arrived in the year 2003.

However, we note with great concern that the delay of payment is a potential obstacle for the smooth operation of the Union's activities. This will be more harmful when the GF is less than the amount of roughly one-year's operational expenses as it will be in the next triennium. Therefore, the FSC recommends the incoming GS and EC to take every effort to urge the AO to keep to the deadlines for payment and to recover the unpaid dues.

The received amount of the special contributions in the years 2000-2002 was 211 kCHF. This is again comparable with the previous contributions: 176 kCHF for 1991-1993, 209 kCHF for 1994-1996, and 132 kCHF for 1997-1999. The FSC congratulates the success of the GS and EC in keeping this good level of contribution.

#### 11.2.2. EXPENDITURE

The total expenditure in the years 2000-2002 was 2838 kCHF. This was close to the value budgeted with the excess of a small fraction (136 kCHF), which was mainly caused by the generous contribution (+121 kCHF) by the Peter Gruber Foundation (PGF) to the educational activities. Thus the FSC concludes that the funds were properly expended in accordance with the budget. We hope that this good practice will be followed during 2003 to 2006.

The sum of expenditures in scientific and educational activities is the major (53%) category of the Union's expenditure. It was 1512 kCHF in the years 2000-2002 with a 7% of excess (103 kCHF) over the budget which was mainly due to the contribution by PGF. Therefore the FSC expresses its sincerely appreciation to the PGF and the efforts of the GS and EC for the achievement.

The expenditure on the EC activities in the years 2000-2002 was 281 kCHF, which resulted a deficit of 25 kCHF. This was brought about by the expansion of attendance at the EC Meeting at St. Petersburg to include Division Presidents (DP). However, the FSC judges it appropriate because the success of the 25th GA much owes to the well-planned organization of scientific activities by this expansion. Since the most of the extra costs were travel expenses, the FSC requests the incoming GS and EC to minimize the expenses by appropriately choosing the time and place of EC Meetings as well as the number of participants depending on the issues to be discussed.

The amount used for the administrative categories was 799 kCHF with a deficit of 33 kCHF. This unbalance was mainly due to the unexpected increase in the bank charges (+37 kCHF). Then the FSC recommends that the future budget be more realistic on this point.

### **11.3. Interim Account for the year 2003**

For the current year, 2003, the Finance Committee confirmed that both the income and expenditures are on track to meet the budget approved by the 24th GA. However, considering of the significant decrease in the GF, the FSC requests the incoming GS and EC to under-spend as much as possible on each budget item including the scientific and educational activities so as to contribute to reach the previous level of GF.

### **11.4. Budget for the years 2004 - 2006**

The FSC examined the assumptions used to construct the budget for the years 2001-2003 such as the averaged inflation rate and the change of units of dues and found that these are reasonable and conservative. We note that the planned expenditures and the expected income are well balanced (1 kCHF deficit). We encourage the Union keep this good practice to maintain balanced budgets in the future.

#### *11.4.1. INCOME*

The expected total income in the years 2004-2006 is 2843 kCHF where the special contribution is counted as zero, as usual. The increase of 225 kCHF from that in the previous three years 2001-2003 is mainly due to the three-years' inflation rate assumed (9.9%) to maintain the level of Union's activity.

The total number of Units is scheduled to increase from 260 to 262 in the years 2004-2006. The resulting total dues expected in these three years amounts to 2723 kCHF, which is 13% more than the previous value. Again, the FSC stresses that this is based on the expectation that the dues are timely paid by the AO. Also the budget no longer counts the subsidies from the ICSU/UNESCO because of the change in their policy.

The income from the royalties on IAU publications has been greatly reduced from 75 kCHF to 45 kCHF. The FSC understands that this decrease is unavoidable in the days of the Internet and electronic publications. As for the bank interests, the FSC judges it compatible with the inflation rate assumed. However, the FSC requests the incoming GS and EC to maximize the interest but not risk the principal by appropriate investment of the GF.

#### *11.4.2. EXPENDITURES*

The expenditure for scientific activities in the years 2004-2006 amounts to 1271 kCHF while that on education is 300 kCHF. The sum is 55% of the total expenditures, which shows that the proposed budget is well suited the objectives of the Union to pro-

mote the astronomy and develop related education. The amount budgeted is reasonable if the inflation is taken into account.

The proposed budget assumes a significant reduction (72 kCHF, 55%) of publication costs. The FSC welcomes the policy of the GS to introduce electronic access to the recent Information Bulletins (IB) through the Union's web page. Since the major expense is the shipping charge being in proportion to the number of copies to be sent, therefore the FSC supports the budget plan assuming an appropriate action of the GS to collect e-mail addresses and hence to minimize the number of copies to be shipped in order to reduce the publication costs as planned.

Finally, taking into account the current level of GF being significantly less than the annual operation of the Union on the non-GA year, the FSC recommends the incoming GS and EC to make their best efforts to avoid unnecessary expenses in every budget category - regrettably scientific and education must scope for significant saving (as a nominal guideline of a saving of 10%) - in order to recover the financially sound level of reserve.

### **11.5. General Fund**

The FSC recommends that the IAU maintain a reserve equivalent to one-year's operating budget for the non-GA year because it is the minimum amount to keep the Union's activities undisturbed by the timing of dues payment by the AO, or some unexpected change of the world economy. Unfortunately, this level to be kept was endangered at the end of 2002 as we noted earlier. Therefore, the FSC requests the incoming GS and EC to build up the GF to the recommended level over the next three years by limiting expenditures with the aim of the total saving of 10%.

### **11.6. Remarks**

#### *11.6.1. TIME PAYMENT OF DUES BY ADHERING ORGANIZATIONS*

As we repeatedly stressed in the above, the delay of dues payment endangers the smooth operation of the Union's activities. In the actuality, we report that the GS faced a serious problem in preparing the Grant plan for the 25th GA. In order to avoid such unfortunate situation in the future, the FSC strongly urges the FC to make best efforts such that the AO will pay their dues to the Union on time as well as the unpaid dues as soon as possible.

#### *11.6.2. ANNUAL AUDITING BY FINANCE SUB-COMMITTEE*

Although the FSC judged that the proposed budget is reasonable, there is a general concern on the future uncertainty especially on the revenue side. Therefore the current FSC requests the incoming GS and EC such that the future FSC audits the Union's account every year in order to be able to take appropriate actions to the GS and EC when the finance situation is going out of schedule.

#### *11.6.3. INVESTMENT POLICY*

In principle, the GF must be utilized to maximize its interest under the condition of 100% assurance of the principal. However, the current level of the reserve is not large enough for the Union to take an aggressive policy in the investment of the GF. Then the FSC recommends a conservative policy of investment as follows; to keep the one half of the asset at multiple bank accounts of different major currencies, and to invest the other half to the short-term marketable securities in multiple major currencies with the assurance of principal return.



*11.6.4. PROCEDURE TO PREPARE BUDGET PLAN*

The preparation of the three-years budget plan is one of the most important tasks on the Union's finance. This should be conducted with consultation of the FSC as specified in the new IAU By-Laws. To ensure it, the current FSC recommends the incoming GS and EC to establish suitable working rules such that the draft of the budget plan must be examined by the FSC prior to the approval by the EC and the proposal to the AO.

*11.6.5. WORKING RULES ON FINANCE SUB-COMMITTEE*

The mechanism to specify the membership of the FSC and its relation to the FC is not explicitly provided in the current IAU Statutes, By-Laws, or Working Rules. The number of members should be large enough to cover various interests of the AO and be small enough to work effectively. Also the membership at each term should have some overlap such that its policy is consistent and continuous.

The current FSC proposes the following working rules as a candidate to ensure these conditions:

1. The number of FSC members is 6,
2. Each FSC member serves two terms, namely six years from just after the end of a GA until the end of the second next GA,
3. Three of the FSC members are replaced at each GA,
4. The new FSC members are selected among the then FC members by the GS and nominated at the second session of the GA after the approval of the EC,
5. The Chair of the new FSC is selected by the previous FSC from its remaining members,
6. The Chair of the FSC chairs the FC meetings, and
7. The other FCS members attend to the FC meetings as the ex-officio if they are not members of the FC.

**11.7. Vote on the Budget for 2003-2006**

The proposed budget (Appendix I to this Chapter) was approved.

**11.8. Appointment of a Standing Finance Sub-Committee**

Following the recommendation of the Finance Committee, the General Assembly appointed a Finance Sub-Committee for the period 2003-2006, composed of:

Robert W. Milkey (Chair)	USA	Toshio Fukushima	Japan
Paul G. Murdin	UK	Birgitta Nordström	Denmark
John W. O'Byrne	Australia	Tõnu Viik	Estonia

**12. Resolutions**

Resolutions Committee 2000-2003 was composed of: Jean Kovalevsky (Chair) (France), Immo Appenzeller (Germany), Christopher Corbally (Vatican), Virginia Trimble (USA) and Richard West (Germany).

The Chairman of the Resolutions Committee, Prof. J. Kovalevsky, summarized the recommendations of the Committee concerning the Resolutions of Type B, which

had been submitted by the Divisions in due time before the General Assembly and had been posted before the session. The proposed resolutions were approved by the General Assembly.

### 13. Appointment of the Resolutions Committee 2003-2006

By acclamation, the General Assembly appointed the following Resolutions Committee for the triennium 2003-2006 (Working Rules §37);

Christopher Corbally (Chair)	USA	Jocelyn Susan Bell Burnell	UK
Georges Meylan	Switzerland	Silvia Torres-Peimbert	Mexico
Rachel L. Webster	Australia	Robert Williams	USA

### 14. Appointment of Division Presidents, Commission Presidents, and Chairpersons of Working Groups

#### DIVISION/COMMISSION(S)

<b>I</b>	<b>Fundamental Astronomy</b>	<i>President:</i> T. Fukushima
	<i>Commissions</i>	<i>President/Vice-President</i>
4	Ephemerides	Krasinsky / T. Fukushima
5	Documentation & Astronomical Data	F. Genova / R.P. Norris
6	Astronomical Telegrams	K. Aksnes / A.C. Gilmore
7	Celestial Mechanics & Dynamical Astronomy	A. Milani / J. Burns
8	Astrometry	I. Platais / L. Kumkova
19	Rotation of the Earth	V. Dehantt / A. Brzezinski
31	Time	D.N. Matsakis / ...
<b>II</b>	<b>The Sun &amp; Heliosphere</b>	<i>President:</i> D. Webb
	<i>Commissions</i>	<i>President/Vice-President</i>
10	Solar Activity	D.B. Melrose / J. Klimchuk
12	Solar Radiation & Structure	T.J. Bogdan / P.V. Martinez
49	Interplanetary Plasma & Heliosphere	D. Webb / J.L. Bougeret
<b>III</b>	<b>Planetary Systems Sciences</b>	<i>President:</i> I. Williams
	<i>Commissions</i>	<i>President/Vice-President</i>
15	Physical Study of Planets & Minor Planets	H.U. Keller / E.F. Tedesco
16	Physical Study of Planets & Satellites	G. Consolmango / R. Courtin
20	Positions & Motions of Minor Planets, Comets & Satellites	E.L.G. Bowell / G.B. Valsecchi
21	Light of the Night Sky	B.A.S. Gustafson / ...
22	Meteors, Meteorites & Interplanetary Dust	I. Mann / P. Spurny
51	Bioastronomy: Search for Extraterrestrial Life	C.S. Bowyer / K. Meech
<b>IV</b>	<b>Stars</b>	<i>President:</i> D. Dravins
	<i>Commissions</i>	<i>President/Vice-President</i>
26	Double & Multiple Stars	W. Hartkopf / C. Allen
29	Stellar Spectra	C. Sneden / M. Parthasarathy
35	Stellar Constitution	W. Dziembowski / F. d'Antona
36	Theory of Stellar Atmospheres	M. Spite / J. Landstreet
45	Stellar Classification	C. Corbally / S. Giridhar
<b>V</b>	<b>Variable Stars</b>	<i>President:</i> J. Christensen-Dalsgaard
	<i>Commissions</i>	<i>President/Vice-President</i>
27	Variable Stars	C. Aerts / S.D. Kawaler
42	Close Binary Stars	A. Gimenez / S. Rucinski

<b>VI</b>	<b>Interstellar Matter</b> <i>Commissions</i>	<i>President: J. Dyson</i> <i>President/Vice-President</i>
34	Interstellar Matter	J. Dyson / T. Millar
<b>VII</b>	<b>Galactic System</b> <i>Commissions</i>	<i>President: P. Whitelock</i> <i>President/Vice-President</i>
33	Structure & Dynamics of the Galactic System	P. Whitelock / ....
37	Star Clusters & Associations	A. Sarjedini / R. Spurzem
<b>VIII</b>	<b>Galaxies &amp; the Universe</b> <i>Commissions</i>	<i>President: E. Bertola</i> <i>President/Vice-President</i>
28	Galaxies	
47	Cosmology	
<b>IX</b>	<b>Optical and Infrared Techniques</b> <i>Commissions</i>	<i>President: C. Sterken</i> <i>President/Vice-President</i>
9	Instruments	M. Dennefeld / M. Cullum
25	Stellar Photometry & Polarimetry	A.U. Landolt / P. Martinez
30	Radial Velocities	B. Nordström / S. Udry
<b>X</b>	<b>Radio Astronomy</b> <i>Commissions</i>	<i>President: L. Rodriguez</i> <i>President/Vice-President</i>
40	Radio Astronomy	I. Rodriguez / Xiaoyu Hong
<b>XI</b>	<b>Space &amp; High Energy Astrophysics</b> <i>Commissions</i>	<i>President: H. Okuda</i> <i>President/Vice-President</i>
44	Space & High Energy Astrophysics	H. Okuda / ....
<b>XXI</b>	<b>Union-Wide Activities</b> <i>Commissions</i>	<i>President: V. Trimble</i> <i>President/Vice-President</i>
46	Astronomy Education & Development	J. Pasachoff / B. Jones

WORKING GROUPS OF THE EXECUTIVE COMMITTEE

<i>Working Group</i>	<i>President:</i>
Future Large Scale Facilities	Gerard F. Gilmore
Publishing	Michelle Storey
Women in Astronomy	Anne Green
2009: The Year of Astronomy	Franco Pacini

DIVISION WORKING GROUPS (WGs) AND DIVISION COMMITTEES (CTTEEs)

<b>Div.</b>	<i>Working Group</i>	<i>Chairperson</i>
<b>I</b>	General Relativity in Celestial Mechanics, Astrometry and Metrology (RCMAM)	Michael Soffel
<b>I</b>	Redefinition of Universal Time Coordinated (UTC)	Dennis D. McCarthy
<b>I</b>	Future Developments in Ground-Based Astrometry (FDGBA)	Magdalena Stavinschi
<b>I</b>	Precession and the Ecliptic	James L. Hilton
<b>I</b>	Nomenclature for Fundamental Astronomy (NFA)	Nicole Capitaine
<b>II</b>	Solar Eclipses	Jay M. Pasachoff
<b>II</b>	Solar and Interplanetary Nomenclature	Edward W. Cliver
<b>II</b>	International Solar Data Access	Robert D. Bentley
<b>II</b>	International Collaboration on Space Weather	David F. Webb
<b>III</b>	CTTEE of Small Bodies Nomenclature (CSBN)	Jana Ticha
<b>III</b>	Planetary System Nomenclature (WGPSN)	Kaare Aksnes
<b>III</b>	Extrasolar Planets (WGESP)	Alan P. Boss

<b>IV</b>	Massive Stars	Claus Leitherer
<b>IV</b>	Abundances in Red Giants	John Lattanzio
<b>V</b>	Spectroscopic Data Archiving	R. Elizabeth Griffin
<b>V</b>	Variable and Binary Stars in Galaxies	Ignasi Ribas
<b>VI</b>	Star Formation	Francesco Palla
<b>VI</b>	Astrochemistry	Ewine F. van Dishoeck
<b>VI</b>	Planetary Nebulae	Sun Kwok
<b>VIII</b>	Supernovae	Wolfgang Hillebrandt
<b>IX</b>	Optical / IR Interferometry	Peter R. Lawson
<b>X</b>	Global VLBI	Jonathan D. Romney
<b>X</b>	Interference Mitigation	Anastasios Tzioumita
<b>X</b>	Astrophysically Important Spectral Lines	Masatoshi Ohishi
<b>XI</b>	Astronomy from the Moon	Norio Kaifu
<b>XI</b>	Particle Astrophysics	Reinhard Schlickeiser
<b>XII</b>	Communicating Astronomy with the Public	Dennis Crabtree

#### INTER-DIVISION WORKING GROUPS (WGs)

<b>Divisions</b>	<i>Working Group</i>	<i>Chairperson</i>
<b>III/I</b>	Near Earth Objects (NEOs)	David Morrison
<b>III/I</b>	Cartographic Coordinates and Rotational Elements of Planets and Satellites	Kenneth P. Seidelmann
<b>IV/V</b>	Active B Stars	Stanley P. Owocki
<b>IV/V</b>	Ap and Related Stars	Werner W. Weiss
<b>IX/X</b>	Encouraging the International Development of Antarctic Astronomy	Michael G. Burton
<b>X/XII</b>	Historic Radio Astronomy	Wayne Orchiston

#### COMMISSION WORKING GROUPS (WGs) AND PROGRAM GROUPS (PGs)

<b>Com.</b>	<i>Working Group (Program Group)</i>	<i>Chairperson</i>
<b>5</b>	Astronomical Data	Raymond P. Norris
<b>5</b>	Libraries	Uta Grothkopf
<b>5</b>	FITS	William D. Pence
<b>5</b>	Designations	Marion Schmitz
<b>5</b>	Virtual Observatories, Data Centers and Networks	Franoise Genova
<b>5</b>	TF Preservation and Digitization of Photographic Plates	R. Elizabeth Griffin
<b>6</b>	Service Central Bureau for Astronomical Telegrams (CBAT)	Daniel Green
<b>8</b>	Astrographic Catalogue and Carte du Ciel	Beatrice Bucciarelli
<b>8</b>	Densification of the Optical Reference Frame	Sean E. Urban
<b>9</b>	Detectors	Tim Abbott
<b>9</b>	Sky Surveys	Quentin A. Parker
<b>14</b>	Atomic Spectra and Wavelengths	Sveneric Johansson
<b>14</b>	Atomic Transition Probabilities	Glenn Wahlgren
<b>14</b>	Collision Processes	David R. Schultz
<b>14</b>	Line Broadening	Chantal Stehlé
<b>14</b>	Molecular Structure	John H. Black
<b>14</b>	Molecular Reactions on Solid Surfaces	Willem A. Schutte
<b>14</b>	Optical Properties of Solids	(To be Announced)
<b>14</b>	Gas Phase Reactions	Thomas J. Millar

15	Physical Studies of Comets	Tetsuo Yamamoto
15	Physical Studies of Minor Planets	Alberto Cellino
19	High-Frequency and Sudden Variations in Earth Orientation	Markus Rothacher
20	Service Minor Planet Center (MPC)	TBD
20	Natural Satellites	Jean-Eudes Arlot
20	Motions of Comets	Julio A. Fernandez
20	Distant Objects	Brian G. Marsden
22	Professional-Amateur Cooperation in Meteors	Petrus Jenniskens
25	Infrared Astronomy	Eugene F. Milone
26	Binary and Multiple System Nomenclature	Brian D. Mason
30	Radial-Velocity Standard Stars	Stephane Udry
30	Stellar Radial Velocity Bibliography	Hugo Levato
30	Catalog of Orbital Elements of Spectroscopic Binary Systems	Dimitri Pourbaix
41	Archives	Brenda G. Corbin
41	Astronomical Chronology	Alexander A. Gurshtein
41	Historical Instruments	Il-Seong Nha
41	Transits of Venus	Steven Dick
42	Accretion Physics in Interacting Binaries	Paula Szkody
42	Extragalactic Binaries	J. Christensen-Dalsgaard
45	Standard Stars	Christopher Corbally
46	PG World Wide Development of Astronomy	John B. Hearnshaw
46	PG Teaching for Astronomy Development	James C. White
46	PG International Schools for Young Astronomers	Michèle Gerbaldi
46	PG Exchange of Astronomers	Charles R. Tolbert
46	PG National Liaison on Astronomy Education	Barrie W. Jones
46	PG Commission Newsletter	Barrie W. Jones
46	PG Public Education on the Occasions of Solar Eclipses	Jay M. Pasachoff
46	PG Exchange of Books, Journals, etc.	Syuzo Isobe
50	Controlling Light Pollution	Hugo E. Schwarz

DIVISIONS/COMMISSION

**15. Appointment of Special Nominating Committee 2003-2006 (SNC)**

Following the vote of the Division Presidents, the Division Presidents, the following composition of the Special Nominating Committee for the period 2003-2006 was unanimously approved by the General Assembly:

Ronald D. Ekers (Chair)	Australia
Roger Cayrel	France
Eric R. Priest	United Kingdom
Annelia I. Sargent	USA)
Frank H. Shu	China, Taipei
Edward P.J. van den Heuvel	Netherlands
Oddbjørn Engvold (Adviser)	Norway
Karel A. van der Hucht (Adviser)	Netherlands

**16. Individual Membership of the Union**

By acclamation the General Assembly welcomed the 894 new IAU Members who had been admitted on the Advice of the Nominating Committee. This brings the total number of IAU members to 9114.

## 17. IAU Representatives to Other Organizations, 2003-2006

<b>Acronym</b>	<b>Organization</b>	<b>Representative</b>
<b>ICSU</b>	International Council	O. Engvold
<b>BIPM</b>	Bureau International des Poids et Mesures	
<b>CCTF</b>	Consultative Committee for Time and Frequency	T. Fukushima
<b>CCU</b>	Consultative Committee for Units	N. Capitaine
<b>CIE</b>	Compagnie Internationale de l'Éclairage	S. Isobe
<b>CODATA</b>	Committee on Data for Science and Technology	R. Norris
<b>COSPAR</b>	Committee on Space Research	
<b>COSPAR</b>	Council Committee on Space Research Council	H. Rickman
<b>COSPAR</b>	SC B Space Studies of the Earth-Moon System, Planets and Small Bodies of the Solar System	M. Marov
<b>COSPAR</b>	SC D Space Plasmas in the Solar System, including Planetary Magnetospheres	M. Vandas
<b>COSPAR</b>	SC E Research in Astrophysics from space	W. Wamsteker
<b>COSPAR</b>	SC E1 Galactic and Extragalactic Astrophysics	G. Srinivasan
<b>COSPAR</b>	SC E2 The Sun as a Star	A. Benz
<b>FAGS</b>	Federation of Astronomical and Geophysical Services	N. Capitaine E. Tandberg-Hanssen
<b>IAF</b>	International Astronautical Federation	H. Olthof
<b>IERS</b>	International Earth Rotation and Reference Systems Service	J. Vondrak
<b>IGBP</b>	International Geosphere-Biosphere Programme	R. Strom
<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 K. Tapping J. Cohen D. T. Emerson H. Rickman
<b>IUCAF</b>	Scientific Committee on Frequency Allocations for Radio Astronomy and Space Sciences	
<b>IUPAP</b>	International Union of Pure and Applied Physics	
<b>IUPAP</b>	C4 Commission on Cosmic Rays	H. Voelk
<b>IUPAP</b>	C 19 Commission on Astrophysics	V. Trimble
<b>IVS</b>	International VLBI Service for Geodesy and Astrometry	P. Wallace
<b>SCAR</b>	Scientific Committee on Antarctic	J. Storey
<b>SCOPE</b>	Scientific Committee on Problems of the Environment	D. McNally
<b>SCOSTEP</b>	Scientific Committee on Solar-Terrestrial Physics	B. Schmieder
<b>COPUOS</b>	UN Committee on the Peaceful Uses of Outer Space	K.A. van der Hucht
<b>URSI</b>	Union Radio-Scientifique Internationale	L. Rodriguez

**18. Places and Dates for the XXVIth and XXVIIth General Assembly**

Upon invitation from the Czech National Committee for Astronomy and the Astronomical Institute of the Czech Republic, the XXVIth IAU General Assembly will be held in Prague, August 14-25, 2006.

The Brazilian Committee for Astronomy and the Brazilian Astronomical Society have jointly invited the XXVIIth IAU General Assembly to Rio de Janeiro, Brazil, in August, 2009. 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:

President	R.D. Ekers	Australia
President-Elect	C. Cesarsky	France
General Secretary	O. Engvold	Norway
Assistant General Secretary	K.A. van der Hucht	The Netherlands
Vice-President	B. Warner	South Africa
Vice-President	Cheng Fang	China
Vice-President	B. Barbuy	Brazil

Accordingly, the composition of the Executive Committee for the period 2003-2006 is as follows:

President	R.D. Ekers	Australia
President-Elect	C. Cesarsky	France
General Secretary	O. Engvold	Norway
Assistant General Secretary	K.A. van der Hucht	The Netherlands
Vice-President	B. Warner	South Africa
Vice-President	Cheng Fang	China
Vice-President	B. Barbuy	Brazil
Vice-President	K.A. Pounds	United Kingdom
Vice-President	S. Torres-Peimbert	Mexico
Vice-President	R.E. Williams	USA
Advisor (Past President)	F. Pacini	Italy
Advisor (Past General Secretary)	H. Rickman	Sweden

## Appendix I

## Proposed Budget (CHF) 2004-2006

<b>INCOME</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2004-06</b>
Adjustment for inflation	3.00%	3.20%	3.40%	
Unit of contribution	3355	3460	3580	
Number of units of contribution	262	262	262	
<b>ADHERING ORGANIZATIONS</b>	879010	906520	937960	2723490
<b>ICSU/UNESCO</b>	0	0	0	
<b>PUBLICATIONS: ROYALTIES</b>	15000	15000	15000	45000
<b>BANK INTEREST</b>	25000	25000	25000	75000
<b>TOTAL INCOME</b>	<b>919010</b>	<b>946520</b>	<b>977960</b>	<b>2843490</b>
<b>EXPENDITURE</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2004-06</b>
<b>SCIENTIFIC ACTIVITIES</b>				
<b>General Assemblies</b>				
Grants, incl. Div./Comm.			235000	235000
Operation	4000	4000	45000	53000
<b>Sub-total General Assemblies</b>	4000	4000	280000	288000
<b>Meetings</b>				
Symposia/Colloquia	280000	280000	280000	840000
Regional Meetings	30000	30000		60000
<b>Sub-total Meetings</b>	310000	310000	280000	900000
<b>Commissions &amp; Working Groups</b>				
Telegram Bureau (06)	4000	4000	4000	12000
Minor Planet Center (20)	8000	8000	8000	24000
Meteor Data Center (22)	1500	1500	1500	4500
EC WGs	7000	7000	7000	21000
Division/Commission WGs	7000	7000	7000	21000
<b>Sub-total Commissions &amp; Working Groups</b>	27500	27500	27500	82500
<b>Total SCIENTIFIC ACTIVITIES</b>	<b>341500</b>	<b>341500</b>	<b>587500</b>	<b>1024500</b>



<b>EXPENDITURE (Cntd)</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2004-06</b>
<b>EDUCATIONAL ACTIVITIES</b>				
ISYA (46)	45000	45000		90000
TAD (46)	45000	45000	45000	135000
Exchange of Astronomers (46)	15000	15000	15000	45000
Other activities	10000	10000	10000	30000
<b>Total EDUCATIONAL ACTIVITIES</b>	<b>115000</b>	<b>115000</b>	<b>70000</b>	<b>300000</b>
<b>DELEGATES TO OTHER UNIONS</b>	10000	10000	10000	30000
<b>DUES TO OTHER UNIONS</b>				
ICSU	20000	20000	20000	60000
IERS/FAGS	7500	7500	7500	22500
IUCAF	7500	7500	7500	22500
<b>Total DUES TO UNIONS/ ORGANIZATIONS</b>	<b>35000</b>	<b>35000</b>	<b>35000</b>	<b>105000</b>
<b>EXECUTIVE COMMITTEE</b>				
Executive Committee meetings	35000	60000	60000	155000
Officers meetings	5500	5500	5500	16500
General Secretary expenditure	30000	30000	30000	90000
President expenses	2000	2000	2000	6000
Assistant General Secretary expenses	2000	2000	2000	6000
<b>Total EXECUTIVE CTTEE</b>	<b>74500</b>	<b>99500</b>	<b>99500</b>	<b>273500</b>
<b>PUBLICATIONS</b>				
Information Bulletin	10000	10000	10000	30000
Free Distribution	10000	10000	10000	30000
<b>Total PUBLICATIONS</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>	<b>60000</b>
<b>ADMINISTRATION/ SECRETARIAT</b>				
Salaries & Charges	175000	175000	175000	525000
Training courses	5000	5000	5000	15000
General office expenses	82000	82000	82000	246000
Audit fee	2500	2500	2500	7500
Bank charges	4000	4000	4000	12000
<b>Total ADMINISTRATION/ SECRETARIAT</b>	<b>268500</b>	<b>268500</b>	<b>268500</b>	<b>805500</b>
<b>TOTAL EXPENDITURE</b>	<b>864500</b>	<b>889500</b>	<b>1090500</b>	<b>2844500</b>
<b>Excess/Loss of Income over Expenditure</b>	54510	57020	-112540	