

F.A.I. International Gliding Commission-IGC Meeting at the Mayflower Hotel, Seattle, USA, on Friday 12th and Saturday 13th March 1999.

In the Chair: Tor Johannessen, Norway, President IGC

The Bureau met in closed session on Wednesday 10th March. President of Honour, Bill Ivans, USA, and Secretary of Honour, Fred Weinholtz, Germany, also attended.

Delegates spent Thursday 11th March touring the Boeing Plant at Everett and enjoying the Museum of Flight at Boeing Field in Seattle. Lunch was hosted by the Seattle Glider Council.

The president opened the first plenary session at 09.00 on Friday 12th March, welcoming delegates, observers and official visitors. An especially warm welcome was extended to Hannes Linke, (Barron Hilton Cup), still recovering from his serious accident. Delegates came from 24 countries. Apologies for absence were received from Argentina, Brasil (proxy vote given to Canada), Mexico and Slovenia (proxy vote given to Italy). The proxy for Norway given to Sweden was denied, as it was not signed by the appropriate person.

A moment of silent remembrance was observed for friends lost over the previous year, with particular mention for Oran Nicks.

The order of some Agenda items was changed but these Minutes will be reported in original Agenda order. Votes in plenum are indicated by a double star ** within the text. §§ indicates verbal comment.

1. MINUTES of the LAST MEETING, Paris, 1998, and Matters arising.

The Minutes of the meeting held in Paris in March 1998 were approved with no changes.

2. FAI MATTERS

FAI Secretary General Max Bishop stressed how the move to Lausanne had dominated the year.

2.1 The General Conference in Toulouse

This conference coincided with the 100th anniversary of the founding of the Aeroclub de France. Eilif Ness was re-elected president for an unprecedented 5th term. Wolfgang Weinreich is the new First Vice-president and Hanspeter Hirtzel, Treasurer.

2.2 Organizer Agreement

In the future, an agreement between Organizers of FAI approved air sport events and the responsible commission will have to be signed. The final lay-out of this agreement may be seen on the FAI web-site and in the new version of Section 3 of the Sporting Code. It may be used as it is, or with additions or amendments. It is important for FAI and IGC to assert their rights to, and ownership of, any event. Eurosport TV Channel and others are now applying for rights to show events.

2.3 Rules for Advertising

Similarly to the above (2.2), these are being adapted for air sports events.

2.4 FAI Environmental Position Paper

The FAI Technical Commission for Environment has written a generic FAI Environmental Position Paper. Bernald Smith, representing IGC, has proposed an IGC Environmental Position Paper, including gliding-specific items. See also 7.5.

2.5 The World Air Games 2005

At the FAI Council of October 2000 or Spring 2001, the decision will be taken on the venue for WAG 3, to simplify other advance date-setting. The candidates as of now are Australia, France, Sweden, Poland and Canada or USA. The FAI Council recommends that the air sports commissions, in their future planning, regard the WAG as their major sporting event. This will mean that the various world championships should, as far as possible, be planned within the World Air Games structure.

2.6 FAI Investment for Promotion of the WAG The IGC was asked to join FAI in a joint venture for PR for the WAG. The amount suggested was a sum equivalent to the received sanction fees from the 1997 WAG. The president proposed to round this figure up to CHF 3000. **VOTE: Unanimous. No abstentions.

3. IGC BUDGET

IGC Treasurer, Dick Bradley reported, and asked plenum to agree his new guidelines for expenses forecasts and claims (See annex A), based on four categories for distribution of funds. **Plenum unanimously accepted the principle and gave him free rein to evolve the guidelines.

4. SHORT REPORTS OF PAST CHAMPIONSHIPS

4.1 On Bavariaglide, Bayreuth, Germany, 08-22 August 1998, given by the German delegate Bruno Gantenbrink.

The contest worked well though marred by a fatal accident, a start-phase collision in poor conditions. The team manager discussions proved valuable. Based on post-accident comments and proposals, the rules for Bayreuth will emphasize safety, although some of the proposals could not be implemented in time for this year's championships.

4.2 The 10th Open European Club Class Championships, Jihlava, Czech Republic 27 June - 07 July 1998.

For the very full report and comment by the Czech delegate, Jaroslav Vach, see annex B.

4.3 The 9th European Gliding Championships, Leszno, Poland 18 July - 01 August 1998 Report given by the Polish delegate, Waldemar Ratajczak.

93 pilots from 19 countries competed in 3 classes during 11 contest days of good weather. The best task was 757km. The average Open Class task was 453km, 15metre: 389km and Standard: 342km. A profit was recorded of 8,000 Polish zloty (approx. USD 2500)

5. SHORT UPDATES ON PREPARATION OF FORTHCOMING COMPETITIONS

5.1 The 1st Junior World Gliding Championships, Terlet, Netherlands, 05-25 July 1999 Report given by the director, Francis van Haaff.

**3 small changes to Annex A (see annex C) were accepted and the Rules approved for the event.

5.2 The 26th World Gliding Championships Bayreuth, Germany, 31 July-15 August 1999 Report given by the director, Peter Ryder.

Use of Czech airspace agreed. Turn points have been published in Bulletin 3. For moving maps, pilots need coordinates of restricted airspace. To ensure class separation at the start, start points have been positioned 10 to 20 km from Bayreuth, and there are airfields near these start points from which re-launching of the competitors is permitted..

5.3 The 2nd World Gliding Championships of the World Class & 11th Open European Women's Gliding Championships, Leszno, Poland, 26 June-18 July 1999 Report given by the Polish delegate, Waldemar Ratajczak.

The 1998 EGC prepared the way. Bulletins 1 and 2 have been published. International Jury: Piero Morelli, (Italy), Gill van den Broek (Belgium) and Jerzy Gozdz (Poland). Stewards: Fred Weinholtz (Germany), Tadeas Wala (Slovakia) and Gordon Hookings (New Zealand). Entries: WC: 42 from 18 countries. Women's: 74 (Std:

32; 15m: 17; Club Class: 25). The Organization will help find PW5s to rent. Swidnik is NOT helping but 8 are available to rent.

5.4 The 10th European Gliding Championships, Lüsse-Berlin, Germany, 23 July-13 August 2000 Report given by the German delegate Bruno Gantenbrink.

NEW INFORMATION: Preliminary entry deadline: 15 January 2000. Final entry deadline: 31 March 2000. Practice period: 23-28 July inclusive. Opening Ceremony: 29 July and Closing: 13 August. Entry fee: Euro 475. Officials: Contest Director: Carsten Lindemann, with Klaus Engelhardt and Herbert Maertin. Volunteers are sought for the Jury etc. Rules: as per Bayreuth 1999.

5.5 The 1st Club Class World Championships, Gawler, Australia, 15-26 January 2001 Report given by the Australian delegate, Terry Cubley.

Practice period: 8-13 January and Opening Ceremony, 14 January, 2001. Contest flying 15-26 January inclusive.

"Barossaglide", 17-28 January 2000, extends an open invitation as a "pre-Club Class Worlds". (See annex D for details) Speed only POST tasks will be included.

5.6 The 27th World Gliding Championships, Mafeking, South Africa 2001 Report given by the South African delegate, First Vice President Dick Bradley.

See annex E, for details of the South African Nationals 1998 held at the site and conclusions.

5.7 The World Solar Challenge, Australia, 17-26 October 1999 Report given by the Australian delegate, Terry Cubley.

The gliding part of this joint event with solar-powered cars and cycles, ends on 23rd. October. The race is 3500km from Darwin to Gawler. 20 (15m.) gliders may compete. Motor-gliders may compete with engine disabled. The tasks are pre-set, scoring as per car racing. Entry fee: AU\$1800. Entries-5 for Australia and 15 for the rest of the world- may come from individuals and then be accepted by invitation.

5.8 Planning for the 2nd FAI World Air Games, Spain, 2001

Update reported by Angel Casado. (annex F a). Managing Director WAG, Srecko Medven, spoke about FAI aspects and media. (annex F b). Other WAG topics were aired under 7.8 (Media), 10 (Rules) and 11 (Structure). §§ Comment: Recalling gliding's isolation at the Inonu event in 1997, P. Ryder notes that in Spain, gliding will again be distant from other sports. A.Casado replied that there is a fund of 40 years' gliding experience in La Mancha and none in Andalucia, hence the choice of Lillo, only 2 1/2 hours from Seville. Lillo is also closer to Madrid, so more volunteers are available. Real-time information to Team Managers and continuous scoring (a delay of only 35-45 seconds) will change the philosophy.

The 2001 WAG will probably be the last where the IGC had to decide on the WGC venue before the WAG venue of the same year was decided upon. In the future, FAI will try to decide the venue one year earlier, so when IGC selects the 2005 WGC venues, the 2005 WAG venue will already be known..

6. BIDS FOR FUTURE CHAMPIONSHIPS

The President reminded the delegates about the 15 December absolute deadline for bids to reach the Secretary for inclusion in the 2000 Agenda. He will prepare a timetable for future bids, including advance checking and advice by a bids sub-committee. WGCs are awarded 4 years ahead and other events, two years.

6.1 The 2nd Junior World Gliding Championships 2001

Bids had been received from Issoudun, France and Slovakia. **Awarded by vote to Issoudun, France.

6.2 The 28th World Gliding Championships 2003

After the presentations of the two bids on Friday, from the Soaring Society of America for Ephrata, USA and the Aeroclub of Italy for Rieti, the bids were voted over on Saturday morning. Although the SSA bid was

outstanding, with many nice features, the 28th World Gliding Championships in 2003 were awarded by vote to Rieti. However, the delegation from SSA and the Seattle Glider Council promised to bid for the 29th WGC with Ephrata, which met with applause from the delegates. See also 14.1.

6.3 The 12th Open European Women's Gliding Championships 2001

There being no bids, a motion proposed that bids be sought by E-mail and the Bureau make a choice by 15 September 1999. ** VOTE: Majority in favour.

This item was discussed again later at the meeting, as Lithuania offered to host this event. ** Lithuania's bid for organizing the event was unanimously accepted. ** The Russian proposal for upgrading the event to World Championships status was accepted by majority. See 14.2 and 14.3.

6.4 Club Class World Gliding Championship 2002

Lithuania, having USD 250,000 funding available from the government, wanted to present a bid by E-mail before December 1999. The decision will be taken in 2000.

6.5 The 11th European Gliding Championships 2002

Deferred to 2000.

7. REPORTS FROM SUBCOMMITTEES AND SPECIALISTS

7.1 Airspace: Francois van HAAFF, The Netherlands

See annex G. Special attention is drawn to the IGC Airspace Information Service, to exchange information between countries for mutual benefit, advice and support.

7.2 Bids: Tapio Savolainen, Finland

Some "law and order" is necessary in the bidding system. Bids, including proposed classes and task types, should be scrutinized in advance of the meeting. Sanction fees should be forwarded with bids. Once a bid has been made, the "IGC bid-master" should monitor adherence to base plans. The guidelines should be sent via E-mail for bidding and the preparation of Rules.

Finding juries and stewards is a problem. The Bureau will ask NACs to list the names of those both available and competent for these duties. A guiding principle will be to include as jury members or stewards, the competition directors of the previous and the upcoming championships, in order to keep some continuity.

Ake Pettersson will update the IGC bidding questionnaire in Annex A. The bidding guidelines and deadlines, as proposed by Tapio, will be sent via E-mail to delegates and NACs.

7.3 Club Class: Helmut Kiffmeyer, Germany

No report from the Club Class for 2 years. The British delegate seeks an IGC handicap list. FAI publicizes an index from 108. Should the 17m Open Cirrus be allowed? According to the Sporting Code (6 6 2 5 refers), yes. The director of the 1st Junior WGC stated, and there no protests, that he will allow it in the Club Class in Terlet with a proper handicap. §§ Comment Cubley, Australia: the US has separate East Coast and West Coast lists, to take account of differing climatic conditions. A single IGC list could put limitations on a particular site. Suggests that each country should submit their list for approval, prior to holding a Club Class event and that any *known* type should be acceptable. **Decision: that Bureau should approve the list for the 1999 World Juniors.

7.4 Championships Structure: Ake Pettersson, Sweden

Suggests the title is misleading. The idea was to encourage bids and that has been achieved. Recommends disbanding this subcommittee.

7.5 Environment: Bernald Smith, United States of America

Bernald Smith's proposed IGC Environmental Position Paper was discussed. Some delegates considered the proposed Code of Conduct too limiting. **However, the whole position paper was approved unanimously by the commission as a first edition, with the possibility of adding, changing or deleting at later meetings. See Annex H.

7.6 GNSS: Bernald Smith, United States of America

Arnie Hartley, Australia wishes to leave the GFAC committee. On transponders, Smith is encouraging the RACAL light weight transponder, with power increased to 20 watts (note: EGU rejects totally any possibility of this equipment being of use).

Regarding fees for certification of Flight Recorders (FR), it was decided by unanimous vote as follows: **The fee for certification of a new type of FR will be increased from CHF 1000 to CHF 1500. Fees for re-certification of existing designs, due to specification changes, will range between CHF 100 and CHF 500, depending on the amount of work to be done. The GNSS will propose the fees, to be approved by the Bureau.

GNSS Sub-Committee will finalize a common turn-point input format, so that competition organizers will not have to prepare turn point files for each type of FR.

See also 10.2.2 on Pilot Event Marker.

7.6.1 GFAC: Ian Strachan, Great Britain

Ian Strachan's thorough report is Annex K.

7.7 IGC Website: Peter Ryder, Germany

Nothing to add to the report in the Agenda.

7.8 Media: Eric Mozer, United States of America

Recommends soliciting original material from other magazines for Air Sports International. Urges better access to IGC web-site. Attended FAI media conference. Additional points in Annex L

7.9 Motor Gliders: Piero Morelli, Italy

See annex M.

7.10 New Ideas: Bruno Gantenbrink, Germany

Report follows as annex J. Seeks to increase fairness, fun and challenge. (Safety is an adjunct to, not the main brief of, this subcommittee). Reduce the "lottery" aspect of contest flying. There should be flexibility, variety, ease of scoring. His other proposal is under Point 10.

7.11 Regulatory: Bill Scull (temp), Great Britain

Bill Scull not present. See Annex N.

7.12 Simulated Gliding: Angel Casado, Spain

Interested nations are working on a section to the Sporting Code. A show at WAG 2001, in which simulations will follow the same tasks as pilots in the General Aviation, Aerobatics and Gliding sections, will test the concept. Due to his work for WAG 2001, he wishes to hand over to Roland Stuck (** voted in, see section 16) . R. Stuck asked L. Sanderson of SSA to approach Microsoft Corporation , based in Seattle, for a better glider and thermal simulation in their "Flight Simulator '98" software. The opportunity exists to program in your home airfield and replay past flights.

7.13 Sporting Code, Ross Macintyre, New Zealand

Thanks to Tony Burton and Peter Ryder for their unstinting assistance. The team tried to retain Policy (Section 3) and Detail (Annex A). Annex B needs attention, in co-operation with Bernald Smith and Ian Strachan. The third

portion is mainly a guide to the rest. **A vote was taken to name it "Annex C, IGC Official Observer Guide". Unanimous agreement. The computer formatting is for standard .pdf files to download from the Web. Claim forms are being updated. §§ Comments received: on the use of digital cameras-there is no security of film, no rules.

On multiple claims on one flight: these tend to be in the newer categories. You cannot claim multiple speed records from the same flight. You can claim speed/distance or different distances.

7.13.1 Sporting Code Annex A: Ake Pettersson, Sweden

Due to administrative error, the Annex A proposals had not reached delegates early enough for thorough reading. It was agreed by vote that delegates send by e-mail to the Annex A Sub-Committee (address to Ake Pettersson) any comments on the changes proposed, no later than 15 May 1999. All correspondence by E-mail only. They will then modify the change proposal and have a final proposal ready by 15 September 1999, for a decision by the Bureau. See also 10.2 and Annex O.

7.13.2 Sporting Code Annex B: Bernald Smith and Ian Strachan

Nothing to report.

7.14 World Air Games: Brian Spreckley, Great Britain

A subcommittee under Brian Spreckley was given approval to handle negotiations with the Spanish side for proposals on how the WAG gliding event should be run. The other members are Angel Casado and Eric Mozer. All input should reach them by 15 October 1999. Brian Spreckley also asked for a vote on the IGC objective for WAG "to raise the profile of gliding as a competitive sport". **This was carried by 22 votes in favour.

7.15 World Class: Piero Morelli, Italy

See also Annex P. Piero Morelli wished to add new active members to the committee, to replace Hal Lattimore, Cedric Vernon and the late, much-missed Oran Nicks. **Plenum voted in Fred Weinholtz (Germany), David Habercom (USA) and Waldemar Ratajczak (Poland).

On winch launching of the PW-5, Alvaro de Orleans Borbon said that moving the hook did not help. The problem is the light weight of the glider and the lack of special training of winch drivers, who are used to launching much heavier gliders.

The 5000' height restriction should be finally removed "by the end of the month" (March 1999.)

8. OSTIV

Report by the President of OSTIV, Prof. Loek Boermans. See Annex Q for his report.

9. BARRON HILTON CUP Reported by Annette Reichmann

There is now a link to the Barron Hilton Cup from the SSA web page. Warm thanks were extended to the sponsors of the Barron Hilton Cup, the Hilton Hotels Corporation and Daimler-Chrysler Aerospace, for the Friday dinner and talk by "the last man on the moon", Gene Cernan.

10. DISCUSSION OF RULE PROPOSALS

10.1 Sporting Code

10.1.1 The Sporting Code Format Change

**The format change was unanimously approved by vote, with congratulations to the sub-committee. The new version, the result of 2 years hard work, should be out by 1 October 1999. Ross Macintyre is now preparing the guide section, known as Annex C, to be approved by Bureau once complete.

10.1.2 Proposals for Sporting Code Changes

10.2.5 General Rule Amendments

Last year IGC introduced the requirements of GNSS flight recorders to be used in championships to have a Pilot Event Marker. **A proposal would make a Pilot Event Marker mandatory for GFAC approval of new flight recorders. Vote: Approved by majority.

**It was decided by vote that:

- photographic evidence be deleted from Annex A,
- the proposed TLDT (Time-Limited Distance Tasks) be introduced, and
- a safety committee be required at every contest.

Max Bishop stressed the importance of the message sent from these deliberations and that the wider gliding community, in view of the number of accidents in competitions, was expecting a clear message that IGC was committed to rule changes that would contribute to safety. To this end he proposed the motion: IGC recognizes that rule changes are advisable and the details are being worked out. **Plenum voted unanimously in favour.

10.2.5.1 On Rules versus Local Regulations

Brian Spreckley was very unhappy because the Rules, which should be out 6 months in advance, were so late that rule changes could end up creeping into the Local Rules. Terry Cubley wished to confirm the status of Local Rules as having no need for IGC approval long in advance. Roland Stuck suggested IGC approve Local Rules too, to be sure they are really local but Fred Weinholtz reminded that it is not possible for IGC to control every last thing. Stuck suggested that the ideal would be a stable Annex A (not changing annually) with a format for Local Rules to be completed as a "top-up". Bruno Gantenbrink suggested that where Annex A changes after rules have been accepted, the organizers should be allowed to incorporate those changes.

10.3 Annex B and 10.4 Other Matters from Committee Chairmen and Specialists

Due to time constraints, these were deferred to written papers or saved for next meeting.

11.WORLD CHAMPIONSHIPS CLASS STRUCTURES

11.1 Proposals from the British Gliding Association:

Proposal 1: That the structure for the WGC 2003 is: A Standard Class with 2 pilots per NAC; a 15m Class with 2 pilots per NAC; an Open Class with 1 pilot per NAC; and an 18m Class with 1 pilot per NAC. **Vote passed by majority. The other proposals would be considered by a working group. (Note: No reserves. Annex A proposes that even World Champions should have to qualify for their place).

11.2 Proposals from the Aero Club of the Czech Republic

The proposal for the following classes in the next WAG: World Class/Integrated 18m/Women's 15m and Club Class failed on a **vote of 8 to 12 with 6 abstentions.

11.3 Proposals from the Gliding Federation of Australia

Motion 1: That any restriction on the number of competitors per class at any world or international championships be determined by IGC, based on tasking, start procedures and other rules approved for that particular championship. **Passed on majority vote.

Motion 2: That there be no restriction on the total number of competitors per class at the first World Club Class Championships, other than those imposed for operational reasons (see proposed tasking and start procedure rules). **Motion failed.

Motion 3: For the 2001 World Club Class Championship, two classes be permitted to participate, with two world championships awarded, these two classes to be differentiated by the tasking options used. One class to be based

on set speed tasks, the other class to be based on speed-only POST tasks. **This idea was opposed by all but 1 delegate.

12. LOSS of MEMBERSHIP in GLIDING (Discussion)

Time having run out, this discussion based on J. Roake's paper (see Annex to Agenda), was regretfully cancelled. A subcommittee of three will pursue the question - John Roake, New Zealand, Eric Mozer, USA and one other, to be decided. Contributions to them welcome.

13. AWARDS

13.1 Lilienthal Medal: Nominations had been received from SSA for Oran Nicks (posthumously) and the Czech Aeroklub for Hana Zejdova. **By vote, the honour for 1998 went to Oran Nicks.

13.2 Pelagia Majewska Medal: no candidates.

13.3 Proposed IGC Diploma and Diploma Subcommittee: Tor Johannessen said IGC is alone among FAI Commissions in not having its own award. **Plenum voted Ross Macinytre (chair) with Dick Bradley and Tor to propose criteria to the 2000 meeting and unanimously accepted the name "Pirat Gehriger Diploma" in memory of the late, long-term IGC president.

14. ANY OTHER BUSINESS

1. USA will offer Ephrata, defeated for WGC 2003, for an event in 2004 or 2006. See also 6.2.
2. **Lithuania's bid for the 2001 Women's event was unanimously accepted. See Also 6.3.
3. **A proposal from Russia to upgrade the above 2001 event to World Championships status was carried by a majority. See also 6.3

15. ELECTION OF OFFICERS

PRESIDENT:	Tor Johannessen re-elected unopposed.
First Vice President:	Brian Spreckley
Vice Presidents:	Dick Bradley, South Africa (Treasurer) Terry Cubley, Australia (new entry) Eric Mozer, USA Ake Pettersson, Sweden Tapio Savolainen, Finland
Secretary:	Angela Sheard

16. APPOINTMENTS

16.1 Nomination of delegates to CASI and FAI Technical Commissions

CASI: Tor Johannessen agreed to remain 1999 IGC representative

CIMP: (FAI medical commission) Dr Walter Cannon to be approached.

CIEA: (FAI Environment) Bernald Smith agreed to continue.

16.2 Appointment of IGC Specialists:

Airspace	Fransois van Haaff	The Netherlands (no change)
Bids	Tapio Savolainen	Finland
Club Class	Helmut Kiffmeyer	Germany (no change) As the specialist was not present, his appointment will be approved by the Bureau at a later date.
Championships structure	Ake Pettersson	Sweden (no change)
Environment	Bernald Smith	USA (no change)
Expansion of membership	John Roake	New Zealand (new committee)

GNSS	Bernald Smith	USA (no change)
GFAC	Ian Strachan	Great Britain (no change)
Web	Peter Ryder	Germany (no change)
Media	Eric Mozer	USA (no change)
Motorgliders	Piero Morelli	Italy (no change)
New ideas	Bruno Gantenbrink	Germany (no change)
Simulated gliding	Roland Stuck	France (new appointment)
Sporting Code	Ross Macintyre	New Zealand (no change)
Annex A	Åke Pettersson	Sweden (no change)
Annex B	Ian Strachan	Great Britain (no change)
Annex C	Ross Macintyre	New Zealand (new annex)
World Air Games	Brian Spreckley	Great Britain (no change)
World Class	Piero Morelli	Italy (no change)

17. DATE AND PLACE OF NEXT MEETING, 2000

The venue for 2000 will be Lausanne, Switzerland, 16-18 March, 2000. The format will probably consist of Bureau, Working Groups and Plenary Sessions.

ANNEX LIST:

A	Treasurer Report	Bradley
B	Jihlava report	Vach
C	Tulip Tournament rule addenda	Van Haaf Francis
D	Barossaglide advance information	Cubley
E	South African Nationals report	Bradley
F	WAG Committee report	Medven
G	Airspace	Van Haaff Francois
H	Environment	Smith
I	GNSS	Smith
J	New Ideas	Gantenbrink
K	GFAC	Strachan
L	Media	Mozer
M	Motor gliders	Morelli
N	Regulatory	Scull
O	Annex A	Pettersson
P	World Class	Morelli
Q	OSTIV	Morelli (in lieu Boermans)
R	Bayreuth 1999	Ryder