

ANNUAL REPORT OF THE CIAM SPACE MODELS SUBCOMMITTEE FOR THE YEAR 2002

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Space Models S/C Chairman

Space Models Subcommittee (SM S/C) consisted of 20 members, all from different countries. E-mail communications and WEB-site presentations were the essential way for immediate exchange of spacemodelling informations. Therefore old-style S/C meetings were replaced with specialized discussions at bigger international spacemodelling contests. Circular letters were short and addressed to three e-mail lists: SM S/C members, spacemodelling list and the list of the organizers of international contests.. SM S/C Chairman received about 1400 and send out about 800 messages to several hundred e-mail addresses in 25 countries.

Here are details about Space Models S/C and spacemodelling activity:

1. The 14-th World Spacemodelling Championships for juniors and seniors was hold in Sazena (CZE) from 13 to 20 October, 2002 in all 16 world championship classes.. There were 231 junior and 303 senior individual and 81 junior and 110 senior team entries. Participated 14 junior and 20 senior national teams. In spite of rainy and windy weather the results were very good. The competitions conditions were good in spite for only two months before the competition the field was flooded by a water several meters deep.

2. There were held 14 World Cup contests in 10 countries. Five classes were flown S4B (160), S6B(311), S7 (93), S8EP(144) and S9B(147). There were 855 entries from 17 countries in total and a remarkable increase of interest for World Cups in noticed. New two contests were planned in USA, but unfortunately this time there were only participants from USA and the contests were not accepted as international events. Most of the contests were very good organized. Score list distribution was better then earlier, but should be permanently improved. To decrease long delays.

3. There were also organized several Open International events: S3B in Ljubljana (SLO) and S8D in Roggden (GER) and S8E(juniors) in Rybnik (POL). Next year this kind of contests will also be stimulated. SM S/C will also consider how to organize cheap more OpInts for juniors.

4. Record attempts become more and more attractive to the public and media, so spacemodellers from all countries continue their efforts in surmounting world records. Two world records were ratified: S3B-Drago Perc (SLO)-22 min and S9B-Radojica Katanic (YUG) 3 min 1 sec. Two altitude records were attempted in 14-th WSMCh and two in classes S9C and S9D, followed now by the homologation process.

5. The SAPPHERE Space Models Developing Program completed six years of its activities in four work groups WG1-Rules (group leader S.Pelagic –YUG), WG-2 Aerodynamic, Ballistic and Ground Facilities (group leader Dr. G.Gregorek – USA), WG3 – Space Models Engines (group leader Ing. M. Jelinek – SVK) and WG 4 (group leader Jozse Cuden (SLO). The “Sapphire” SM DP will concentrates its activity on finding the best new solutions for the progress of spacemodelling during the “four year rules freeze period”. This requires efficient launchers, altitude measurement, engine testing and many new onboard equipment which will facilitate model retrieving.

6. During 2002 in international contests were about 250 junior and 1161 senior entries with total number of competition flights about 4000. Altitude measurement was remarkably improved (tracked and reduced about 87 % flights in 2000 and 77% in 2002 compared to 30-40

% in the time period 1996-1998). Also, interest in altitude classes, scale models and RC gliders premanently increases.

Space Models S/C shall continue to work in six directions:

- 1) to continue spacemodelling promotion as a sports activity, in order to get support by sporting organizations in different countries,
- 2) to develop more sophisticated & attractive models (especially in S7, S8 and S9 classes),
- 3) to make spacemodelling world-wide known, by spreading world cup contests, continental and world championships to all continents,
- 4) to intensify junior activity in spacemodelling by establishing cheap open international "tour" contests.
- 5) to establish an international teaching program, supported by handbooks, glossaries, teaching tools, etc. and run it through summer and winter camps in different countries.

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