

Agenda item 3,

“General exchange of views”

Reports on space education and awareness activities:

Submission by members of Space Education and Awareness Working Group

The attached document is the submission received during the meetings of the Working Group held from 21 to 22 November 2007 from Indonesia containing its report on the highlights of formal and informal education relating to space activities in the past year, future plans for educational initiatives relating to space activities and proposals for initiatives to be undertaken by the Working Group in 2008.

Report from Indonesia

1. Highlights of formal and informal education relating to space activities

In 2006, the Indonesian Institute of Aeronautics and Space (LAPAN) organized the following activities:

- i) Water Rocket Competition for junior-level students in Jakarta and its vicinity (Bogor-Tangerang-Bekasi);
- ii) Poster competition for elementary school students in the surroundings of Jakarta;
- iii) LAPAN/UNESCO/JAXA Space Education Seminar, in conjunction with APRSAF-13.

In 2007, the following activities have been organized to date:

- i) Water Rocket Competition for junior-level students in Jakarta and other major cities and provinces in Indonesia;
- ii) Poster Competition for elementary school students in the surroundings of Jakarta;
- iii) Educational Seminar on Planet Earth, in Bandung;
- iv) Open House for public awareness on the Sun spot and Moon eclipse observation at observation station facilities of LAPAN;
- v) Activity concerning the ozone layer, including its explanation, for senior-level students;
- vi) Poster Competition to increase awareness of the ozone layer condition in the context of the global warming, for senior-level students in Bandung;
- vii) Exhibition of payloads, including equipment, carried by small rockets (70 mm), for senior-level students.

2. Future plans for educational initiatives relating to space activities

LAPAN plans to carry out the following activities:

- i) Water Rocket Competition for junior-level students in Jakarta and other major cities and provinces in Indonesia;
- ii) Poster Competition for elementary school students in Jakarta and other major cities and provinces;
- iii) Open House for public awareness on remote sensing activities related to disaster, Sun and planet observation at the observation station facilities of LAPAN;
- iv) Space Education Seminar to be organized by LAPAN and UNESCO;

- v) Book publication for space education and its activities;
- vi) Exhibition of payloads (including equipment and tools) carried by small rockets (80 mm) for senior-level students and university students.

3. Proposals for initiatives to be taken by the Working Group in 2008

It is proposed that the Working Group should take initiatives relating to the following:

- i) Educational materials on space activities and technology;
- ii) Educational materials on space applications and human environment;
- iii) Rocket payloads for international competition;
- iv) Seminar and workshop for science teachers.