

***Sixteenth Session of the Asia-Pacific Regional Space Agency Forum  
(APRSAF-16)  
CSA (Communication Satellite Application) WG activities  
Proposed Outline***

1. The scope /objectives of CSA WG activities

The CSA WG has been discussing many topics on satellite communication matters and has been providing good opportunities to exchange each country's status report on, in particular, digital divide issues as well as the broadband service in the Asia-Pacific region. The CSA WG should share the experiences for realizing cooperation among countries in the region, regarding applications of satellite communication for tele-education, tele-medicine and disaster management, taking into account the needs to resolve the digital divide in the region.

Based on the previous APRSAF-15 discussion, the outline of the CSA WG in the APRSAF-16 is as follows:

1) New applications or concepts of the satellite communication for tele-education, tele-medicine and disaster management in the Asia-Pacific region

Until the previous meetings, many discussions concerning the digital divide issues have been made and useful information has been exchanged. Some applications were planned, demonstrated and organized to demonstrate in each country. The WINDS satellite communications experiments, which were proposed in the APRSAF, are conducting. The CSA WG should continue these activities under the regional cooperation and aim to promote new applications or concepts of the satellite communication for tele-education, tele-medicine and disaster management in the Asia-Pacific region.

2) Promotion for the activities on the Global Navigation Satellite System (GNSS) in the Asia-Pacific region

The Satellite Positioning, Navigation and Timing (PNT) is one of the important satellite applications and becomes widely used in the Asia-Pacific countries. Some countries study, develop and operate their original satellite positioning systems. The CSA WG agreed to organize the workshop to discuss the possibilities of the GNSS applications in the APRSAF-15. The CSA WG should support this activities.

## 2. The result of CSA WG activities in APRSAF 15

See attached the APRSAF-15 adapted the recommendations.

## 3. The Draft of Agenda

- 1) Opening of the session
- 2) Adoption of the agenda
- 3) General introduction and guidance of CSAWG
- 4) Report on the the Multi GNSS Workshop
- 5) Presentations of communications satellite systems and applications
  - a. Communications Satellite Systems
  - b. Current Status in Asia Pacific Region
- 6) Activity reports in the field of tele-education, tele-medicine and disaster management
  - a. Study report
  - b. Country report
  - c. General Discussion
- 7) Other matters
- 8) Closing of the session

## 4. Expected Outputs

The Asia-Pacific region still has the digital divide and in particular there is an imminent need for applications of tele-education, tele-medicine and disaster management for the rural, remote and islands areas. The communication satellites can play a major role in resolving the digital divide issue. On the other hand, many countries in this region have independent national plans and programmes for their respective countries in these areas of SATCOM and GNSS applications. The CSA WG will contribute to promote the Asia-Pacific regional cooperation by sharing the experiences and the opportunities such as the WINDS satellite experiment and working on the creation of the new application for the digital divide issue. The CSA WG will also support the the sustainable development of GNSS applications in this region.