
COMMITTEE ON THE PEACEFUL USES OF
OUTER SPACE

Scientific and Technical Subcommittee

Forty-third session

Vienna, 20 February – 3 March 2006

Agenda item 12

Space-system-based disaster management support

Note by the Secretariat

**WORKSHOP ON DISASTER MANAGEMENT INVOLVING
COMMUNICATION/METEOROLOGICAL SATELLITE OPERATORS**

In paragraph 10 (b) of its resolution 60/99, the General Assembly endorsed the recommendation of the Committee on the Peaceful Uses of Outer Space that the Scientific and Technical Subcommittee, at its forty-third session, consider the item on “Space-system-based disaster management support” in accordance with the workplan adopted by the Subcommittee at its forty-first session (A/AC.105/823, annex II, para. 15) and as amended at its forty-second session (A/AC.105/848, annex I, para. 21).

In accordance with that workplan, a workshop on disaster management involving communication and meteorological satellite operators was held on the afternoons of 23 and 24 February 2006. The afternoon of 23 February was dedicated to communication satellite operators and the afternoon of 24 February was dedicated to meteorological satellite operators.

The presentations made during the workshop will be made available at the following URL: <http://www.unoosa.org/oosa/COPUOS/stsc/2006/dmworkshop.html>, following the conclusion of the forty-third session of the Subcommittee. The annex to the present conference room paper contains the final programme of the workshop.

Annex

Moderator: Dr. Joseph O. Akinyede
Director, Space Applications
National Space Research and Development Agency
Nigeria

Thursday, 23 February 2006
Communication satellite operators
16:00 - 18:00

Introductory remarks by the moderator

Presentations by communication satellite operators:

- “The role of communication and meteorological satellites in disaster management support: the experience of the Indian Space Research Organisation”
Mr. D. Radhakrishnan
Senior Scientist, Indian Space Research Organisation
India

- “Mobile satellite communications for disaster management”
Mr. John R. “Ted” O’Brien
Vice President, Market Development
Iridium Satellite

- “Functions of satellite networks in the communication system of EMERCOM of Russia and experience of activities in emergencies”
Mr. E. Osipov
Ministry of Civil Defense, Emergencies and the Elimination of the Consequences of Natural Disasters (EMERCOM)
Russian Federation

- “Instant readiness: applications of Inmarsat technology in disaster management”
Mr. Pelle Maerkedahl Larsen
Market Development Manager for Enterprise Solutions
Inmarsat

- “EUMETCast: EUMETSAT’s Broadcast System for Environmental Data”
Mr. Gordon Bridge
Training Consultant, User Service Division
European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT)

Questions and answers on the presentations

Summary by moderator

Friday, 24 February 2006
Meteorological satellite operators
16:00 - 18:00

Introductory remarks by the moderator

Presentations by meteorological satellite operators:

- “Chinese meteorological satellites and applications”
Mr. Fang Xiang
Senior Engineer, National Satellite Meteorological Center
People’s Republic of China
- “Space-borne system for online precursors monitoring of earthquakes, and other natural and man-made disasters”
Mr. Yuri Ruzhin
Vice-Director, Head of the Laboratory of Active Space Experiments
Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation (IZMIRAN)
Russian Academy of Sciences
Russian Federation
- “Satellite meteorology: protecting life and property around the world”
Mr. Gordon Bridge
Training Consultant, User Service Division
EUMETSAT

Questions and answers on the presentations

Panel discussion on:

1. ways to overcome the obstacles that prevent countries, particularly developing countries, from using satellite-based communications and meteorology during natural disasters;
2. effective steps that communication and meteorological satellite operators and Member States could take together in order to enhance the use of communication satellites in managing natural disasters.

Concluding remarks by moderator