



The Role of ICG/SAT

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The Satellite Presence in telecommunications

- o “Satellites” form a minority group in the telecommunications world, though they may be a well funded minority
- o The deployment of satellite projects is slow in nature with respect to those based on other “media”
 1. access to orbit/spectrum is a slow process
 2. investments and development require solid bases of commitment to get started



The satellite presence in the international arena

- In the International Regulatory and Standardization environment an active presence of satellite representatives is required
 - to make sure that radio regulations do not unduly constrain the use of the satellite medium
 - to make sure that the standards do not unduly constrain the use of satellite links as part national and international networks (e.g. compatibility of protocols with satellite)



Way of Acting in the International environment

- Other “media” (cable, fiber optics, microwaves, etc) normally act quickly
- “Satellites” are slower in action
 - Their internal process is slower
 - Satellite experts are much fewer in number to cover meetings
- It has happened that “armies” of experts from other media have “invaded” international meetings and have set regulations and standards to be unfriendly or incompatible with satellites, while satellite experts, bypassed by events, were too slow in getting organized and reacting.
- “Satellites” have therefore to act as a community and find ways to make sure that their interests are duly taken into consideration despite their minority presence.



The JAHG ISDN/SAT

- In 1990 the satellite community realized that most of the CCIR and CCITT Recommendations under development in the ITU for the ISDN were not compatible with the use of satellites
- The CCIR Plenary Assembly of Duesseldorf (1990) decided to set up a Joint Ad Hoc Group of CCIR and CCITT experts to revise those Recommendations as a matter of urgency and take actions to cover the interests of satellites.
- The work of the JAHG ISDN/SAT was completed and reported to the WTSC (World Telecommunications Standardization Conference) of Helsinki (1993)



ICG/SAT

- o The World Telecommunication Standardization Conference of Helsinki (1993) decided to establish the INTERSECTOR COORDINATION GROUP ON SATELLITE MATTERS with the following mandate
 - to complete remaining issues from the JAHG
 - to monitor the work program of relevant ITU-R and ITU-T Study Groups in relation to satellites
 - to draw the attention of the relevant Study Groups to new satellite technologies
 - to ensure through coordination that Recommendations being processed by relevant Study Groups allow the continuing full integration of the satellite transmission medium in public networks.



Way of working of ICG/SAT

- Work mainly by correspondence
- Hold meetings if necessary (usually every two years) in one language only
- Formal representatives are appointed by relevant ITU-R and ITU-T Study Groups
 - ITU-R SG 4,6,7,8
 - ITU-T SG 2,3,4,9,11,12,13,15,16,17,SSG
- Group open to all Member States and Sector Members
- Report to RAG and TSAG as well as the RA and the WTSA
- E-mail reflector and website managed by the ITU-T
- Secretariat support from the TSB



Decisions taken at the last meeting of ICG/SAT

- ICG/SAT met in Ankara in July 2001
- Noting the decreasing presence of satellite representatives in the ITU-T Study Groups, in particular those covering the development of IP and Multimedia, due to various factors, it was proposed that the ITU organize a “Workshop on Satellites in IP and Multimedia” to allow experts from the two sectors and other participants to come together and exchange views and experience
- Having heard presentations on satellite based projects within the ITU-D given by a representative of the BDT, it was proposed to continue and enhance the cooperation with the ITU-D



ICG/SAT meeting on 12-13 December 2002

- ICG/SAT will review, among other, the outcome of the workshop to identify possible consequential actions in the ITU framework.
- Items for debate will be:
 - Value of the workshop as a tool to increase awareness of ITU-R and ITU-T studies
 - Future standardization perspectives for Satellites over IP and Multimedia
 - Coordination with other Standard Development Organizations
 - Possible “satellite” contribution to the World Summit on the Information Society (WSIS)
 - Possible new ways to enhance the satellite influence on the work of the ITU Sectors, including the ITU-D, despite the limited resources to ensure presence at meetings:
 - A “Satellite Forum” working under the umbrella of the ITU ?
 - A Focus Group on Satellite Matters ?



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- o Your inputs and comments during this workshop will be of great value to ICG/SAT
- o Your personal attendance to the meeting on 12 and 13 December will be of great value to ICG/SAT
- o THANK YOU



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