



NORM APME



NORM APME

ITU-T

NORMAPME a.s.b.l.

October 2003

ITU

- The Union was established last century as an impartial, international organization within which governments and the private sector could work together to coordinate the operation of telecommunication networks and services and advance the development of communications technology.
- Whilst the organization remains relatively unknown to the general public, ITU's work over more than one hundred years has helped create a global communications network which now integrates a huge range of technologies, yet remains one of the most reliable man-made systems ever developed.

ITU Objectives (1)

- To maintain and extend international cooperation between all its Member States for the improvement and rational use of telecommunications of all kinds.
- To promote and enhance participation of entities and organizations in the activities of the Union, and to foster fruitful cooperation and partnership between them and Member States for the fulfilment of the overall objectives embodied in the purposes of the Union.
- To promote and offer technical assistance to developing countries in the field of telecommunications, and also to promote the mobilization of the material, human and financial resources needed to improve access to telecommunications services in such countries.

ITU Objectives (2)

- To promote the development of technical facilities and their most efficient operation, with a view to improving the efficiency of telecommunication services, increasing their usefulness and making them, so far as possible, generally available to the public.
- To promote the extension of the benefits of new telecommunication technologies to all the world's inhabitants.
- To promote the use of telecommunication services with the objective of facilitating peaceful relations. .

ITU Objectives (3)

- To harmonize the actions of Member States and promote fruitful and constructive cooperation and partnership between Member States and Sector Members in the attainment of those ends.
- To promote, at the international level, the adoption of a broader approach to the issues of telecommunications in the global information economy and society, by cooperating with other world and regional intergovernmental organizations and those non-governmental organizations concerned with telecommunications.

ITU structure

- **Radio- communication (ITU-R)**
- **Telecom Standardization (ITU-T)**
- **Telecom Development (ITU-D)**

ITU-T

- **ITU-T was created on 1 March 1993, replacing the former International Telegraph and Telephone Consultative Committee (CCITT) whose origins go back to 1865.**
- **The public and the private sectors cooperate within ITU-T for the development of standards that benefit telecommunication users worldwide.**

ITU-T Activities (1)

- The **World Telecommunication Standardization Assembly (WTSA)**, which takes place every four years, defines general policy for the Sector, establishes the study groups and approves their work programme for each study period of four years, appoints the study group Chairmen and Vice-Chairmen.
- The **Telecommunication Standardization Advisory Group (TSAG)**, reviews priorities, programmes, operations, financial matters and strategies for the Sector, follows up on the accomplishment of the work programme, restructures and establishes ITU-T study groups, provides guidelines to the study groups, advises the TSB Director, elaborates A-series Recommendations on organization and working procedures.

ITU-T Activities (2)

Standardization work is carried out by **13 study groups** in which representatives of the ITU-T membership develop Recommendations for the various fields of international telecommunications on the basis of the study of Questions (i.e. areas for study).

Lead Study Group Activities: Service Definition, Numbering and Routing, Telecommunication Management Network (TMN), Integrated Broadband Cable and Television Networks, Intelligent Networks, Quality of Service and Performance IP related matters, B-ISDN , Global Information Infrastructure and Satellite matters, Access Network Transport, Optical Transport Networks & Technologies, Multimedia Services, Systems and Terminals, E-business and E-commerce, Frame Relay, Communication System Security , Languages and Description Techniques, IMT 2000 and Beyond and for Mobility

ITU-T Activities (3)

- **Director's Ad Hoc IPR Group** -The TSB Director's Ad Hoc Group on IPR is responsible for studies relating to ITU-T Patent Policy and its guidelines for implementation, Software Copyright guidelines, and their associated issues.
- **Alternative Approval Process (AAP)**- A new fast-track approval procedure for technical standards adopted by WTSA-2000.
- **Tariff Groups:** Tariff Group for Africa, Tariff Group for Asia and Oceania, Tariff Group for Latin America, Tariff Group for Europe and Mediterranean Basin.
- **Intersector Coordination Group** : ICG on Satellite Matters

ITU-T Activities (4)

Special Projects : Accounting Rate Reform undertaken by ITU-T, ASN.1 Project, Call Back, Electronic Business, Emergency Telecommunication Services (ETS), IMT-2000 Network Aspects, Internet Protocol (IP) Project, IPCablecom, IP Policy Manual, Joint Rapporteur Group (JRG) on NGN, Joint Video Team (JVT), Language coordination project, Mediacom 2004, NGN (Next Generation Networks) 2004 Project, ITU-T SG6-IEC Outside Plant common area.

ITU-T Operational Planning and Reports on Activities

- Reports of the activities of the Telecommunication Standardization Sector (ITU-T)
- Linkage between Strategic, Financial and Operational Planning

ITU-Tstudy groups (1)

- **Study Group 2** Operational aspects of service provision, networks and performance
- **Study Group 3** Tariff and accounting principles including related telecommunications economic and policy issues
- **Study Group 4** Telecommunication management, including TMN.
- **Study Group 5** Protection against electromagnetic environment effects
- **Study Group 6** Outside plant
- **Study Group 9** Integrated broadband cable networks and television and sound transmission

ITU-Tstudy groups (2)

- **Study Group 11** Signalling requirements and protocols
- **Study Group 12** End-to-end transmission performance of networks and terminals
- **Study Group 13** Multi-protocol and IP-based networks and their internetworking
- **Study Group 15** Optical and other transport networks
- **Study Group 16** Multimedia services, systems and terminals
- **Study Group 17** Data Networks and Telecommunication Software



**THANK YOU FOR YOUR
ATTENTION**