



Director, Telecommunication Standardization Bureau

ITU-T OPERATIONAL PLAN FOR 2002-2003

Introduction:

Pursuant to Resolution 72 (Minneapolis, 1998), the document presents the Operational Plan of the Telecommunication Standardization Sector for the year 2002 and the linkage between strategic, operational and financial planning.

For each ITU-T project or activity listed, the related allocation of financial and human resources is provided, as well as the relationship to the Strategic Plan adopted by the Plenipotentiary Conference (Minneapolis, 1998), the decisions adopted by the World Telecommunication Standardization Assembly (Montreal, 27 September - 6 October 2000) and the TSAG agreements reached at its March 2001 meeting.

The Operational plan for 2003 is also attached but for information purpose only, as the results of the Plenipotentiary Conference (Marrakech, 2002) may have an impact and modify our planning for 2003.

Summary:

A series of new activities will be launched in 2002 to respond to the concerns of ITU-T membership.

The newly created Study Group 17 "Data Networks and Telecommunication Software" will start its activities in 2002. New Questions will steadily be put under study in other Study Groups according to technological evolution, while other items will complete.

Different technical workshops will be organized in order to disseminate expert knowledge on state-of-the-art technologies and increase awareness of ITU-T studies and projects. Four workshops are already scheduled:

- Tutorial Workshop on ENUM, on 8 February 2002, in Geneva, in collaboration with Study Group 2 and experts from the Internet Engineering Task Force (IETF)
- Workshop on IP Cablecom/Mediacom 2004/Interactivity in Multimedia, from 25 to 28 March 2002, in Geneva, in collaboration with Study Group 9, 16, ITU-R Study Group 6, and the contribution of experts from several study groups and standards developing organizations.
- Workshop on IP/Optical from 9 to 11 July 2002, in Chitose, Japan, in collaboration with Study Group 13, 15 and the experts from study groups and SDOs.
- Workshop on the Role of Satellites in IP-based and Multimedia Networks and Services from 9 to 13 December in Geneva, organized in the framework of the activities conducted by the Intersector Coordination Group on Satellite Matters.

Regional presence will be strengthened according to Plenipotentiary Conference (Minneapolis, 1998) and Council 2001 decisions. Some Study Group meetings and technical workshops will be convened in the regions; contributions from various regions reflecting regional concerns to the ITU-T activities will be encouraged. A regional briefing session will be organized in each region focusing on priority questions and dissemination of ITU-T studies and Recommendations.

ITU will host the General Assembly of ICANN Protocol Supporting Organization in 2002 and assume the secretariat for one year.

In parallel, effort will be made to promote the ITU-T and its activities through active press release policy, presentation of the ITU-T products, activities and working methods at external fora or events.

In the technical field, strategic ITU-T priorities will remain in 2002:

- Interworking of IP-based and telecommunication networks
The interoperability of IP-based services and telecommunication services means providing real time Internet or other IP based multimedia services with the speed, capacity, ease of use, reliability and integrity of the public telephone networks in use around the world. These are aspects of telecommunication network standardization in which the ITU-T has an excellent track record. These aspects of telecommunication network standardization are the main goals of IP Project.
In particular, collaboration with IETF in the development of a Recommendation to enable the implementation of the ENUM protocol, which should facilitate the interconnection of circuit-switched (telephone) and packet-switched (IP) networks
Another important step towards interoperability and interworking is the effort of GII Project . The ultimate goal of this project is to support communications anywhere at anytime in any medium and thus allow users to have access to a wide range of services. The GII also supports the goal of an international consensus on common principles governing the need of access to networks and applications and their operability based on a seamless federation of interconnected, interoperable communication networks, information processing equipment, databases and terminals
- Mobility, IMT-2000 and beyond
The requirements for new or enhanced Mobility Management protocols are important to support Global Roaming in IMT-2000 and beyond. The increasing desire for accessing services such as those available from Internet on the move has created new fields of services such as “mobile multimedia”. Convergence of fixed and wireless networks and ultimately migration to interoperable and harmonised network architectures to provide services transparently to the users

across different access arrangements is becoming an industry requirement. A major objective of the harmonization of IMT-2000 networks is the development of common network solutions that can facilitate cost-effective IMT-2000 network deployments based on the standardized open interfaces, stimulate the commercial uptake of IMT-2000 services, and foster global roaming across all evolving IMT-2000 systems

- Optical transport network

An Optical Transport Network (OTN) is composed of a set of Optical Network Elements connected by optical fibre links, able to provide functionality of transport, multiplexing, routing, management, supervision and survivability of optical channels carrying client signals. Optical network functions include multiplexing function, cross connect function, including grooming and configuration, management functions and physical media functions.

Optical networks will be able to create a network needed by the market requirements to deliver high speed service, that can be supported only partially by the existing copper network, to the customers.

A distinguishing characteristic of the OTN is its provision of transport for any digital signal independent of client-specific aspects.

- Access networks

Network access between Telecommunication Network Operators, Private Network Providers, Satellite and Cable TV Networks and Information Technologies is under study in the access network project. Various Access Network Transport scenarios have been envisaged, such as:

- Voice/data/video services over existing infrastructures and Cable Networks
- Voice/data/video services over cable networks using B-ISDN
- ADSL or VDSL video BW over copper pairs
- Fiber accesses
- Use of radio in Local Loop
- Use of satellites
- Internet Access

This project evaluates the different ANT scenarios with the corresponding standardization requirements. In the framework of this project have been developed all X-DSL standards and their interworking with the existing systems.

- Accounting rate reform

A paradigm shift occurred in the international telecommunication sector. The emerging regime is based on cross-border interconnection and the trading of international traffic minutes. It is urgent to readapt traditional tariff/accounting principles to the new market situation and to provide also the transitional arrangements, in order to facilitate the transition to the new regime.

- Multimedia services and systems

The standardization in this field, aimed at the creation of a global platform for the delivery of multimedia services and systems over all network types (including the internet), will also consider their access, the security and other related technical aspects going to the convergence.

- Signalling Requirements and Protocols

for support of applications based on IP, intelligent and advanced networks

- Quality of Service and Performance

The works on end-to end Quality of service, for networks, equipments, protocols and interworking of them will progress on the definition of Classes of service for the different "layers" (user, applications, transport...) and for the different services (voice, multimedia, data...) to complete the global figure of the Quality of service and Performance. They should include principles and means for measurement, monitoring, signalling and guarantee of these QoS classes.

New initiatives and special ITU-T projects will be conducted in the field of IP, GII, Mediacom-2004, ASN.1, E-commerce, E-business and IP Cablecom.

ITU-T will continue its technical studies in cooperation with other standard developing organizations, regional entities and duly attention will also be paid on related IPR questions.

Use of TSB resources in 2002 - Overall recapitulation

ITU-T activities	P staff- months	G staff- months	Direct costs CHF	Document costs CHF
- TSAG (Telecommunication Standardization Advisory Group) 1 planned meeting, 5 working days	9	8	127,000	120,000
- Chairmen' meetings: 1 planned meeting, 2 working days	1	1	-	-
- Study Group meetings: 20 planned meetings, 151 working days 12 Study Groups 1 Special Study Group 199 Questions under study 315 new ITU-T Recommendations, 12,500 pages of text 16,880 pages of translation 45,260 pages of typing pool 37,620,000 pages of reprography	89	134	3,023,000	5,732,000
- Seminars and technical workshops: 4 planned workshops, 13 working days	9	6	100,000	-
- Regional presence: 4 regional briefing meetings Study Group meetings in the regions Workshops in the regions Regional tariff group meetings	9	9	225,000	
- Promoting ITU-T activities	18	10	100,000	
- External cooperation	9	12		
- ICANN-PSO General Assembly and Secretariat	7	2		
- Study Group publications: 12,000 pages of Recommendations to published per language (x3)	22	178	264,500	232,000
- Operational Bulletin: 24 issues a year	15	16	14,500	20,000
- Databases accessible to public	5	3	5,000-	-
- UIFN registrar (Universal International Freephone Numbers) 3,750 UIFN	3	13	374,000	-
- UIPRN/UISCN registrar (Universal International Premium Rate Numbers) (Universal International Shared Cost Numbers) 600 UIPRN/UISCN	1	2	47,500	-
- AESA registrar (ATM End System Addresses) 300 AESA	1	1	-	-
- Bureau support	32	20	10,020,500	139,000
- EDH (Electronic Document Handling) Documents & information posted on ITU Website		40		
Total of allocated resources	230	455	14,301,000	6,243,000

Assumption: 10 staff-months per person per year

TSB - Linkage between Strategic, Financial and Operational Planning - 2002

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Telecommunication Standardization Advisory Group</u></p> <p>Reviews priorities and strategies for ITU-T's activities Reviews progress of work program & working methods Maintains the A Series (Organization of the work of ITU-T) Acts on behalf of the WTSA between WTSA's Establishes / discontinues Study Groups Advises on financial matters cooperation and coordination</p> <p><u>New activity:</u></p> <p>Preliminary draft Strategic Plan for 2003-2006</p>	<p><u>Expected results:</u></p> <p>Advices to the TSB Director</p> <p>A Series of Recommendations (Organization of ITU-T work)</p> <p><u>Achievement indicators:</u></p> <p>Minimized duplication of work Harmonized technical standards Enhanced operational efficiency of ITU-T</p>	<p><u>1 planned meeting</u> with its working parties 5 working days</p> <p>9 P staff-months 8 G staff-months</p> <p>127,000 F direct costs: Interpretation, Meeting staff</p> <p>120,000 F document costs : Translation, typing pool Reprography</p>	<p>Article 14A of the Convention</p> <p><u>Res. 71 (Minneapolis, 1998):</u> Strategic plan for the Union (1999-2003)</p> <p><u>Res. 74 (Minneapolis, 1998):</u> Review and improvement of the management, functioning and structure of the ITU</p> <p><u>Res. 16 (Minneapolis, 1998):</u> Refinement of the ITU-R and ITU-T Sectors</p> <p><u>Res. 82 (Minneapolis, 1998):</u> Approval of Questions and Recommendations</p> <p><u>Res. 72 (Minneapolis, 1998):</u> Linking strategic, financial and operational planning in ITU</p> <p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union</p> <p><u>Res. 1141 Council 1999</u> Reduction of the cost and volume of documentation for Conferences and Assemblies and the Council</p> <p><u>Res. 18 (WTSA-2000)</u> Principles and procedures for the allocation of work to, and coordination between, the Radiocommunication and Telecommunication Standardization Sectors</p> <p><u>Res. 22 (WTSA-2000)</u> Authorization for TSAG to act between WTSA's</p> <p><u>Res. 32 (WTSA-2000)</u> Strengthening the use of electronic document Handling for the work of ITU-T</p> <p><u>Res. 33 (WTSA-2000)</u> Guidelines for ITU-T strategic activities</p>
<p><u>Chairmen's meeting</u></p> <p>Definition and coordination of SG work plan Finalization of meeting schedule for following year Discussion on budget allocation on the various SG Improvement in communication amongst SG Priority in studies</p>		<p><u>1 planned meeting</u> 2 working days</p> <p>1 P staff-month 1 G staff-month</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans/ PP-98
<p><u>Study Group Meetings</u></p> <p>Study Group responsibility and mandates: See Res. 2 (WTSA-2000)</p> <p>12 Study Groups 1 Special Study Group 199 technical, operating and tariff Questions under study</p> <p>Attention is paid to improvement of telecommunications in developing countries and cooperation with national, regional and international organizations</p>	<p><u>Expected results:</u></p> <p>315 new ITU-T Recommendations totaling about 12,500 pages</p> <p>Development of a programme of technical workshops</p> <p><u>Key performance indicators:</u></p> <p>Worldwide utilization of ITU-T Recs. Text quality & market response Reduction in time-to-market for Recs (AAP implementation) Stability of texts and avoidance of document reprocessing Membership satisfaction</p>	<p><u>Total for all the Study Groups:</u></p> <p><u>20 planned SG meetings</u> with their working parties 151 working days</p> <p>89 P staff-months 134 G staff-months</p> <p>3,023,000 F direct costs: Interpretation Meeting staff Mail expenses</p> <p>5,732,000 F document costs : Total French +English +Spanish: 16,880 pages of translation 45,260 pages of typing pool 37,620,000 pages of reprography</p>	<p>Article 17 of the Constitution</p> <p>Article14 of the Convention</p> <p>Resolutions of Minneapolis, 1998 See below</p>
<p><u>Workshops</u></p> <p>Dissemination of expert knowledge on state-of-the-art technologies, Promotion of awareness of ITU-T activities, working methods and priorities</p> <p><u>New initiatives</u> : - Tutorial workshop on ENUM, 8 February 2002, Geneva</p> <p>- Workshop on IP Cablecom/Mediacom 2004 /Interactivity in Multimedia 25-28 March 2002 in Geneva</p> <p>- Workshop on IP/Optical 9-11 July 2002 in Japan</p> <p>- Workshop on the role of Satellites in IP-based and Multimedia Networks and Services 9-13 December 2002 in Geneva</p>	<p><u>Expected results:</u></p> <p>Participation of delegates from developing countries in the activities of the Sector</p> <p>Strengthening regional presence</p> <p><u>Achievement indicators:</u></p> <p>Dissemination of expert technology</p> <p>Integration of developing countries concerns in ITU-T outputs Coordination of activities within Study Groups and with other SDOs</p>	<p>9 P staff-months 6 G staff-months</p> <p>100,000 F direct costs: Fellowships for SG 3</p> <p>1 planned workshop, 1 day</p> <p>1 planned workshop, 4 days</p> <p>1 planned workshop, 3 days</p> <p>1 planned workshop, 5 days</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans/ PP-98
<p>SG 2 – Operational aspects of service provision, networks and performance</p> <p><u>Priorities:</u> Service definition, Numbering, Routing and Global Mobility Numbering Coordination Team (NCT) Resolution 20 and coordination with TSB</p> <p>Lead Study group for service definition, numbering and routing</p> <p><u>New activities:</u> ENUM Service level agreements (SLAs) Human factors</p> <p>9 Questions</p>	<p><u>Expected results:</u> 25 Recommendations to be approved in 2002 = 1,000 pages</p>	<p><u>2 planned SG meetings and their WPs</u> 18 working days</p> <p>7 P staff months 5 G staff months</p> <p>83,000 F direct costs 205,000 F document costs</p> <p>2 Rapporteur Group meetings</p>	<p><u>Res. 99 (Minneapolis, 1998):</u> Status of Palestine in ITU <u>Res. 21 (Rev. Minneapolis, 1998):</u> Alternative calling procedures on international telecom. networks</p> <p><u>Res. 79 (Minneapolis, 1998):</u> International Telecommunication Regulations <u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p> <p><u>Res. 71 (Minneapolis, 1998) Goal 3:</u> Developing and implementing administrative procedures for numbering plans for international networks and services <u>Res. 71 (Minneapolis, 1998), F.4:</u> facilitating the interworking of global personal radiocommunication systems with public telecommunication networks</p> <p><u>Res. 20 (WTSA-2000)</u> Procedures for allocation and management of International numbering resources</p> <p><u>Opinion D (WPTF-2001):</u> Essential studies by ITU to facilitate the introduction Of "IP Telephony"</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 3 - Tariff and accounting principles, including related telecommunications, economic and policy issues</p> <p><u>Priorities:</u> Accounting rate reform and implementation of new remuneration systems Transitional arrangements Development and implementation of cost methodologies Impact of new practices bypassing accounting rate system Tariff principles for services using new technologies</p> <p><u>New activities:</u> Impact of IP-Telephony Impact and tariff of Internet / IP-based Network Review of International Telecommunication Regulations</p> <p>4 Questions</p> <p>Tariff Group for Africa (TAF) Tariff Group for Latin America (TAL) Tariff Group for Asia and Oceania (TAS)</p> <p><u>Priorities:</u> TAF: Accounting rates system in connection with IP-Telephony, Tariff rebalancing, Cost model development and implementation TAL: Cost model development including interconnection Determination of accounting rates for mobile services TAS: New cost model development, Regional case study on cost/price Regional tariff model for Internet</p> <p><u>New activities:</u> TAF: Implication of new technologies for African incumbent operators TAL: Impact of IP Telephony in the region</p> <p>Tariff Group for Europe and the Mediterranean Basin Activity in abeyance</p>	<p><u>Expected results:</u></p> <p>5 Recommendations to be approved in 2002: 250 pages</p> <p><u>Expected results:</u></p> <p>Preparation of Recommendations and regional cost model</p>	<p><u>2 planned SG meeting and its WPs</u> 10 working days</p> <p>5 P staff months 6 G staff months 176,000 F direct costs 153,000 F document costs</p> <p>2 Rapporteur meetings 5 working days</p> <p>3 planned meetings 10 working days</p> <p>3 P staff months 3 G staff months</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Develop Recommendations to achieve accounting rate reform and to propose means to encourage their implementation <u>Res. 71 (Minneapolis, 1998), D.1, 28.2</u> Achieving Accounting rate reform and proposing means to encourage their implementation</p> <p><u>Res. 21 (Rev. Minneapolis, 1998):</u> Alternative calling procedures on international telecom. networks</p> <p><u>Res. 22 (Minneapolis, 1998):</u> Apportionment of revenues in providing international telecom. services</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p> <p><u>Res. 103 (Minneapolis, 1998):</u> International Telecommunication Regulations <u>Res. 26 (WTSA-2000)</u> Assistance to the Regional Tariff Groups</p> <p><u>Res. 29 (WTSA-2000)</u> Alternative calling procedures on international telecommunication networks</p> <p><u>Res. 41 (WTSA-2000)</u> Accounting rate principles for international telephone services</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 4 – Telecommunication management, including TMN</p> <p><u>Priorities:</u> Management of telecommunication services, networks, and equipment using the telecommunication management network (TMN) framework Additionally responsible for other telecommunication management studies relating to designations, transport-related operations procedures, and test and measurement techniques and instrumentation Cooperation with other standard developing organizations Lead Study Group on TMN</p> <p><u>New activities:</u> CORBA based TMN and IP related TMN activities Creation of IP-based SNMP infrastructure Support of optical and IP-based networks</p> <p>17 Questions</p>	<p><u>Expected results:</u> 25 Recommendations to be approved in 2002: 1,250 pages</p>	<p><u>1 planned SG meeting and its WPs</u> 10 working days 8 P staff months 8 G staff months 90,000 F direct costs 517,000 F document costs 20 Rapporteur meetings 100 working days</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of network infrastructures in the area of control</p>
<p>SG 5 - Protection against electromagnetic environment effects</p> <p><u>Priorities:</u> Resistibility, EMC and safety aspects related to telecommunications networks Cooperation with other international organizations</p> <p><u>New activity:</u> Protection against the effects of mobile equipment and radio systems</p> <p><u>Workshop on SG 5 activities</u></p> <p>14 Questions</p>	<p><u>Expected results:</u> 7 Recommendations to be approved in 2002: 100 pages</p>	<p><u>1 planned SG meeting and its WPs</u> 5 working days 3 P staff months 3 G staff months 46,000 F direct costs 107,000 F document costs 1 WP 1/5 & 2/5 meeting, 4 days 1 Rapporteurs' meeting, 5 days (1 Panel session at EMC Symposium, Wroclaw)</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Covering the further evolution of network infrastructures</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 6 - Outside plant</p> <p><u>Priorities:</u> Outside plant and access for telecommunication networks Cooperation with IEC 10 Questions</p>	<p><u>Expected results:</u> 5 Recommendations to be approved in 2002 = 170 pages</p>	<p><u>1 planned SG meeting and its WPs</u> 5 working days</p> <p>2 P staff months 2 G staff months 46,000 F direct costs 115,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Covering the further evolution of network infrastructures</p> <p>Development of case studies, guidelines & handbooks</p>
<p>SG 9 – Integrated broadband cable networks and television and sound transmission</p> <p><u>Priorities:</u> IP and GII over cable distribution networks Television and sound over the core network Coordination with ITU-R on broadcasting matters</p> <p>Lead Study Group on integrated broadband cable and television networks</p> <p><u>New activity</u> Webcasting Packet cable, IP over cable</p> <p>21 Questions</p>	<p><u>Expected results:</u> 20 Recommendations to be approved in 2002: 1,500 pages</p>	<p><u>1 planned SG meeting: and its WPs</u> 5 working days</p> <p>6 P staff months 9 G staff months 66,000 F direct costs 596,000 F document costs</p> <p><u>IPCablecom/Mediacom workshop</u> 4 working days</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Multimedia applications arising from the convergence of telecommunication, broadcasting, computer and information technology</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 11 - Signalling requirements and protocols</p> <p><u>Priorities:</u> Signalling support for Internet (IP)-based applications Intelligent Networks. Lead Study Group on intelligent networks Signalling for Access, N&B-ISDN, and new generation networks Cooperation and development of ITU-T Recommendations with regional standards bodies/fora on IP Cooperation and development of ITU-T Recommendations with regional standards bodies/for a on signalling-related activities for IP Coordination with relevant ITU-T/ITU-R SGs/Wps for signaling support of fixed-mobile aspects 15 Questions</p>	<p><u>Expected results:</u> 47 Recommendations to be approved in 2002: 2,350 pages</p>	<p><u>2 planned SG meeting:</u> and its WPs 20 working days 8 P staff months 7 G staff months 162,000 F direct costs 1,090,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), D.2, 29.2:</u> Developing Recommendations for new technologies and applications - global multimedia and mobility <u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in the area of signalling <u>Res. 71 (Minneapolis, 1998), F.4:</u> Internet Protocol (IP) related aspects as well as the interoperability and convergence of IP-based networks, the Internet, with existing network infrastructures <u>Res. 71 (Minneapolis, 1998), F.4:</u> Covering the future evolution of network infrastructures, e.g. in the areas of network access, signalling and control</p>
<p>SG 12 - End-to-end transmission performance of networks and terminals</p> <p><u>Priorities:</u> Performance assessment Lead Study Group on Quality of services and performance</p> <p><u>New activities:</u> Development of Recs. on Quality aspects of IP-based network</p> <p><u>Workshop on ITU-T & SG 12 activities</u> 16 Questions</p>	<p><u>Expected results:</u> 18 Recommendations to be approved in 2002: 400 pages</p>	<p><u>1 planned SG meeting</u> and its WPs 5 working days 5 P staff months 6 G staff months 38,000 F direct costs 276,000 F document costs 4 Rapporteurs meeting 20 working days</p>	<p><u>Res. 101 (Minneapolis, 1998):</u> Performance quality assessment of IP-based networks <u>Res. 71 (Minneapolis, 1998), F.4:</u> Multimedia applications</p>

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<p>SG 13 – Multi-protocol and IP-based networks and their internetworking</p> <p><u>Priorities:</u> General network aspects, Global Information Infrastructures (GII), B-ISDN and IP (Internet Protocol) Fostering cooperation with IETF</p> <p>Monitoring IP and GII projects</p> <p>Lead Study Group for IP related matters, B-ISDN, Global Information Infrastructure and satellite matters</p> <p><u>New activities:</u></p> <p>NGW VoIMPLS</p> <p>Integrated communication architecture, including the impact of convergence</p> <p>Workshop on ITU-T & SG 13 activities</p> <p>16 Questions</p>	<p><u>Expected results:</u></p> <p>31 Recommendations to be approved in 2001: 1,550 pages</p>	<p><u>2 planned SG meeting:</u> and its WPs 18 working days</p> <p>3 P staff months 3 G staff months 130,000 F direct costs 749,000 F document costs</p> <p>10 Rapporteur meetings 50 working days</p> <p>1 workshop 1 day</p>	<p><u>Res. 73 (Minneapolis, 1998):</u> World Summit on the information society</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p> <p><u>Res. 71 (Minneapolis, 1998), D.2, 29.2:</u> Developing Recommendations for new technologies and applications such as appropriate aspects of the GII and global multimedia and mobility</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Internet Protocol (IP) related aspects as well as the interoperability and convergence of IP-based networks, the Internet, with existing network infrastructures</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in cooperation with ITU-R for radio transmission aspects</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of network infrastructures in the areas of network access and interfaces</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Implementation of the GII</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Integration of existing and new transmission media in public networks</p>

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<p>ICG SAT Intersector Coordination Group on Satellite Matters Under the Lead of SG 13 for the ITU-T Sector</p> <p><u>Priorities:</u></p> <p>To take into account satellite specificity within telecommunication network including impact of IP-based network and multimedia network and system Keeping up to date database</p> <p>Coordination with ITU-R</p> <p><u>New activity:</u></p> <p>Organization of workshop Strengthening relationship with ITU-D</p>	<p><u>Expected results:</u></p> <p>Performance Achieved consistency of Recommendations of various Study Groups for full integration of the sat-transmission in public networks</p>	<p>No planned meeting so far</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in cooperation with ITU-R for radio transmission aspects</p>
<p>SG 15 – Optical and other transport networks</p> <p><u>Priorities:</u></p> <p>Access Network - broadband optical access - refinements & enhancements to SDL - phone line networking - IP on Access Network</p> <p>Network signal processing - interaction of signal processing (OTN)</p> <p>Optical transport network structure - automatic switched optical network (ASON) - network management & control</p> <p>OTN technology - coarse & dense wavelength division multiplexing (WDM) - fiber characteristics - transmission technology - IP on WDM</p> <p>Cooperation with IEC and other SDOs Lead Study Group on access network transport Lead Study Group on optical technology 19 Questions</p>	<p><u>Expected results:</u></p> <p>30 Recommendations to be approved in 2002: 1,000 pages</p>	<p><u>1 planned SG meeting</u> and its WPs 10 working days</p> <p>6 P staff months 7 G staff months 90,000 F direct costs 800,000 F document costs</p> <p>20 Rapporteur meetings 100 working days</p> <p>1 IP/Optical workshop, 3 days</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of network infrastructures in the areas of network access, interfaces and optical networking</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in cooperation with ITU-R for radio transmission aspects</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 16 - Multimedia services, systems and terminals</p> <p><u>Priorities:</u> Modems and facsimile terminals Multimedia platform and interworking Media Coding Multimedia framework, MEDIACOM-2004 project Cooperation with other Standard Development Org. Lead Study Group on multimedia services, systems and terminals Lead Study Group on e-business and e-commerce</p> <p><u>New activities:</u> Steering committee for MEDIACOM-2004 Joint video team with ISO/IEC Workshop on IP Cablecom/MEDIACOM-2004</p> <p>23 Questions</p>	<p><u>Expected results:</u></p> <p>50 Recommendations to be approved in 2002: 2,000 pages</p>	<p><u>2 planned SG meetings and its WPs</u> 18 working days</p> <p>10 P staff months 8 G staff months 142,000 F direct costs 749,000 F document costs</p> <p>4 days workshop</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u></p> <p>Multimedia applications arising from the convergence of telecommunication, broadcasting, computer and information technology</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 17 - Data Networks and Telecommunication Software</p> <p><u>Priorities:</u> Additions to a set of Directory Recs. Open Distributed Processing (ODP), Frame Relay Communication System Security and for interworking with IP-based networks Additions to/revision of the set of ASN.1 Recs Cooperation with ISO/IEC Contribution to the coordination effort with ISO, IEC and UN/ECE for E-business standardization</p> <p>Lead Study Group on Frame Relay Lead Study Group on Communication System Security Lead Study Group on Languages and Description Techniques</p> <p><u>New activities:</u> Enhancement of communication system security for E-commerce Development of the ITU-T ASN.1 Project Continuation of the provision of ASN.1 modules to the ASN.1 database</p> <p><u>Organization of a workshop on Security</u></p> <p>27 Questions</p>	<p><u>Expected results:</u></p> <p>50 Recommendations to be approved in 2002: 2,000 pages</p>	<p><u>2 planned SG meetings and its WPs</u> 17 working days</p> <p>6 P staff months 6 G staff months</p> <p>150,000 F direct costs 713,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of networks infrastructures in the area of security Interoperability of IP-based networks with existing networks</p> <p><u>Res. 101 (Minneapolis, 1998)</u> Collaborative activities on IP-based network with ISOC/IETF</p> <p>Network languages</p> <p><u>TSAG (Geneva, 19-23 March 2001)</u> TSAG approved the merger of Study group 7 and 10 into a single Study Group 17</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SSG – Special Study Group IMT-2000 and beyond</p> <p><u>Priorities:</u> Network aspects of IMT-2000 and beyond (International Mobile Telecommunications-2000) Wireless access to IP-based networks Convergence of mobile and fixed networks Mobility management, mobile multimedia functions Internetworking, interoperability</p> <p>Enhancement of ITU-T Recommendations on IMT-2000</p> <p>Lead Study Group on IMT-2000 and beyond and for mobility</p> <p><u>New activities:</u> Workshop on ITU-T & SSG activities Joint session with ITU-R WP 8F Electronic meetings Development of New Types of Outputs</p> <p>8 Questions</p>	<p><u>Expected results:</u></p> <p>10 Recommendations to be approved in 2002: 500 pages</p> <p>2 Technical reports to be approved in 2002: 50 pages</p> <p>2 NTO (New Type of Output) to be approved in 2002: 80 pages</p> <p>1 handbook to be produced together with ITU-R and ITU-D in 2002: 100 pages</p>	<p><u>2 planned SSG meetings and its WPs</u></p> <p>10 working days</p> <p>8 P staff months 9 G staff months 58,000 F direct costs 147,000 F document costs</p> <p>4 Rapporteur meetings 12 working days 10 conference calls 6 electronic meetings 1 workshop, 1 full day 1 joint session with ITU-R WP 8F 1 add. Editors' meeting, 3 days 1 add. WP meeting, ½ day</p>	<p><u>Res. 38 (WTSA-2000)</u> Coordination among ITU-T, ITU-R and ITU-D for IMT-2000 activities</p>
<p><u>Regional presence</u></p> <p>Strengthening the regional presence Participation in external conferences Assistance to ITU-D</p> <p><u>New activities:</u></p> <p>Organization of seminars in the field Assistance to the Regions Regional briefing meetings</p>	<p><u>Expected results:</u></p> <p>Strengthened regional presence Awareness of ITU-T activities</p> <p><u>Achievement indicators:</u></p> <p>Membership satisfaction Dissemination of ITU-T studies and Recommendations</p>	<p>4 regional briefing meetings SG meetings in the regions Workshops in the regions Regional tariff group meetings</p> <p>9 P staff-months 9 G staff-month</p> <p>225,000 F direct costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> to work with BDT with special attention to telecommunication development in developing countries, and to cooperate with the other Sectors in the organization of information meetings, seminars and workshops and in the development of case studies, guidelines and handbooks.</p> <p><u>Res. 25 (Rev. Minneapolis, 1998),</u> Strengthening the Regional presence</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Promoting the ITU-T</u></p> <p>Press releases ITU-T presence in external events Presentation of ITU-T activities during external workshops Promotion events</p>	<p><u>Expected results:</u> Awareness of ITU-T activities Increased interest of Membership</p> <p><u>Achievement indicators:</u> Higher number of Sector Members Increased participation in the Sector activities</p>	<p>18 P staff-months 10 G staff-month 100,000 F direct costs</p>	
<p><u>External cooperation</u></p> <p>Assistance to membership and Telecom community Assistance and cooperation with other Sectors Liaison and coordination with international and regional organizations Cooperation with other standard organizations Participation in external conferences IPR issues</p>	<p><u>Expected results:</u> Worldwide coordination Promotion of ITU-T activities Signature of MoUs</p> <p><u>Achievement indicators:</u> Customer and membership satisfaction Dissemination of ITU-T studies and Recommendations</p>	<p>9 P staff-months 12 G staff-months</p>	
<p><u>ICANN-PSO General Assembly and Secretariat</u></p> <p>Secretariat assumed for one year (rotation principle) ITU will host the General Assembly</p> <p>Conference calls with PSO-PC members, reports</p>		<p>1 General Assembly meeting</p> <p>7 P staff-months 2 G staff-months Monthly conference calls</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Study Group Publications</u></p> <p>Editing and publication of approved texts in F, E, S</p> <p><u>Priorities:</u> Availability of pre-published Recommendations within one month of approval.</p> <p>Quickpub procedures</p> <p>Quality control of texts</p> <p>Common text procedure with the ISO</p>	<p><u>Expected results:</u></p> <p>Publication of 12,000 p. of Recs and 1,000 p. of handbooks in three languages</p> <p><u>Key indicators:</u></p> <p>Decrease time to edit publications Pre-published Recs within 1 month Quality control of texts</p> <p>Worldwide dissemination Increased use of ITU-T Recs.</p>	<p>22 P staff-months 178 G staff-months</p> <p>TSB Publication budget = 264,500 F direct costs 232,000 F invoiced costs</p> <p>Covered by sales revenues</p>	<p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union</p> <p><u>Res. 71 (Minneapolis, 1998):</u> Production high-quality Recommendations quickly in response to market demands</p>
<p><u>Operational Bulletin</u></p> <p>Publication containing administrative and operational information exchanged between administration, ROAs etc</p> <p>Lists of country codes and dialing codes for all international services</p> <p><u>Priority:</u> Immediate posting of information to members Increase the distribution of the Operational Bulletin Relations with State Members and Sector Members</p>	<p><u>Expected results:</u></p> <p>24 issues per year</p>	<p>15 P staff-months 16 G staff-months</p> <p>14,500 F direct costs 20,000 F invoiced costs</p> <p>Covered by sales revenues</p>	<p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Database development available to public</u></p> <p>List of ITU-T Sector Members Work program database Patent statement database Software statement database Terminology database List of Recommendations in force List of recognized SDOs General and Meeting schedule Information on the WEB International numbering resources</p> <p><u>Priority:</u> Improve the user-friendliness of public databases</p> <p><u>New activity:</u></p> <p>ASN.1 Module database AAP database Development of new databases as per request of Study Group</p>	<p><u>Expected results:</u> Availability of the information to public</p> <p><u>Achievement indicators:</u> Rapid and up-to-date Consultation Dissemination of operational Information to public</p>	<p>5 P staff-months 3 G staff-months</p> <p>5,000 F direct costs</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>UIFN registration</u></p> <p>Universal International Free phone Numbers registrar</p> <p><u>Priority:</u> Immediate reservations of UIFN numbers</p>	<p><u>Expected results:</u> 3,750 UIFN Reservations</p> <p><u>Achievement indicators:</u> Immediate registration of UIFNs Customer satisfaction</p>	<p>3 P staff-months 13 G staff-months</p> <p>374,000 F direct costs</p> <p>Full cost recovery</p>	<p><u>Res. 91 (Minneapolis, 1998):</u> Cost recovery for some products and services</p> <p>ITU-T Recommendation E.169</p>
<p><u>UIPRN & UISCN registration</u></p> <p>Universal International Premium Rate Numbers registrar Universal International Shared Cost Numbers registrar</p>	<p><u>Expected results:</u> 600 UIPRN/UISCN reservations</p> <p><u>Achievement indicators:</u> Immediate registration Customer satisfaction</p>	<p>1 P staff-month 2 G staff-months</p> <p>47,500 F direct costs</p> <p>Full cost recovery</p>	<p><u>Res. 91 (Minneapolis, 1998):</u> Cost recovery for some products and services</p> <p>ITU-T Recommendations E.169.2 and E.169.3</p>
<p><u>AESAs registration</u></p> <p><u>New initiative:</u> ATM End System Addresses registrar</p>	<p><u>Expected results:</u> 300 AESAs reservations</p> <p><u>Achievement indicators:</u> Immediate registration Customer satisfaction</p>	<p>1 P staff-month 1 G staff-month</p> <p>Full cost recovery</p>	<p><u>Res. 91 (Minneapolis, 1998):</u> Cost recovery for some products and services</p> <p>ITU-T Recommendations E.191.1</p>
<p>Codes for Groups of countries Opening E.164 numbering resources UPT numbering administration</p>			

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2002 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Bureau support</u></p> <p>Membership Meeting organization and logistical support Document control Administrative support Finance and budget Director Office Internal management Operational planning</p> <p>Gender perspective issues</p> <p>Director's Ad Hoc IPR Group</p>		<p>32 P staff-months 20 G staff-months</p> <p>10,025,500 F direct costs 139,000 F document costs</p> <p>2 P staff-months 3 G staff-months <u>2 planned meetings</u> 4 working days</p>	<p><u>Res. 72 (Minneapolis, 1998):</u> Linking strategic, financial and operational planning in ITU <u>Res. 104 (Minneapolis, 1998):</u> Reduction of the volume and cost of documentation for ITU conferences <u>Res. 71 (Minneapolis, 1998), annex 2:</u> Goals for improved management</p> <p><u>Res. 70 (Minneapolis, 1998):</u> Inclusion of gender perspective in the work of ITU</p> <p><u>Res. 1187 Council 2001</u> Gender perspective in ITU Human Resource management policy and practice</p>
<p><u>EDH (Electronic Document Handling)</u></p> <p>Posting of documents WEB development Customer support (TSB helpdesk) Alternate Approval Process Implementation Maintaining of the ITU-T Website and relevant information</p>	<p><u>Expected results:</u> Immediate posting of information</p> <p><u>Achievement indicators:</u> Increased number of visitors Customer satisfaction</p>	<p>40 G staff-months</p>	<p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union <u>Res. 1141 Council 1999</u> Reduction of the cost and volume of documentation for Conferences and Assemblies and the Council</p> <p><u>Res. 32 (WTSA-2000)</u> Strengthening the use of electronic document handling for the work of ITU-T</p>

Telecommunication Standardization Sector

Linkage between Strategic, Financial and Operational Planning for the year 2003
Resolution 72 (Minneapolis, 1998)

This document presents a general overview of the Operational Plan of the Telecommunication Standardization Sector for the year 2003.

Use of TSB resources in 2003 - Overall recapitulation

ITU-T activities	P staff- months	G staff- months	Direct costs CHF	Document costs CHF
- TSAG (Telecommunication Standardization Advisory Group) 2 planned meetings, 10 working days	13	8	255,000	240,000
- Chairmen' meetings: 1 planned meeting, 2 working days	1	1		
- Study Group meetings: 22 planned meetings, 167 working days 12 Study Groups 1 Special Study Group 199 Questions under study 375 new ITU-T Recommendations, 12,500 pages of text 17,140 pages of translation 46,030 pages of typing pool 42,180,000 pages of reprography	89	134	3,45,000	5,850,000
- Seminars and technical workshops: 3 planned workshops, 12 working days	9	6	100,00	
- Regional presence: 4 regional briefing meetings Study Group meetings in the regions Workshops in the regions Regional tariff group meetings	9	9	225,000	
- Promoting ITU-T activities	18	10	100,000	
- External cooperation	9	12		
- Study Group publications: 12,000 pages of Recommendations to published per language (x3)	22	178	264,500	232,000
- Operational Bulletin: 24 issues a year	15	16	14,500	20,000
- Databases accessible to public	5	3	5,000	
- UIFN registrar (Universal International Freephone Numbers) 3,750 UIFN	3	13	374,000	
- UIPRN/UISCN registrar (Universal International Premium Rate Numbers) (Universal International Shared Cost Numbers) 600 UIPRN/UISCN	1	2	47,500	
- AESA registrar (ATM End System Addresses) 300 AESA	1	1	-	-
- Bureau support	35	22	10,020,500	139,000
- EDH (Electronic Document Handling) Documents & information posted on ITU Website		40		
Total of allocated resources	230	455	14,451,000	6,481,000

Assumption: 10 staff-months per person per year

TSB - Linkage between Strategic, Financial and Operational Planning - 2003

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Telecommunication Standardization Advisory Group</u></p> <p>Reviews priorities and strategies for ITU-T's activities Reviews progress of work program & working methods Maintains the A Series (Organization of the work of ITU-T) Acts on behalf of the WTSA between WTSA's Establishes / discontinues Study Groups Advises on financial matters cooperation and coordination</p>	<p><u>Expected results:</u></p> <p>Advices to the TSB Director</p> <p>A Series of Recommendations (Organization of ITU-T work)</p> <p><u>Achievement indicators:</u></p> <p>Minimized duplication of work Harmonized technical standards Enhanced operational efficiency of ITU-T</p>	<p><u>2 planned meeting</u> with its working parties 10 working days</p> <p>13 P staff-months 8 G staff-months</p> <p>255,000 F direct costs: Interpretation, Meeting staff</p> <p>240,000 F document costs : Translation, typing pool Reprography</p>	<p><u>Res. 71 (Minneapolis, 1998):</u> Strategic plan for the Union (1999-2003)</p> <p><u>Res. 74 (Minneapolis, 1998):</u> Review and improvement of the management, functioning and structure of the ITU</p> <p><u>Res. 16 (Minneapolis, 1998):</u> Refinement of the ITU-R and ITU-T Sectors</p> <p><u>Res. 82 (Minneapolis, 1998):</u> Approval of Questions and Recommendations</p> <p><u>Res. 72 (Minneapolis, 1998):</u> Linking strategic, financial and operational planning in ITU</p> <p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union</p> <p><u>Res. 1141 Council 1999</u> Reduction of the cost and volume of documentation for Conferences and Assemblies and the Council</p> <p><u>Res. 18 (WTSA-2000)</u> Principles and procedures for the allocation of work to, and coordination between, the Radiocommunication and Telecommunication Standardization Sectors</p> <p><u>Res. 22 (WTSA-2000)</u> Authorization for TSAG to act between WTSA's</p> <p><u>Res. 32 (WTSA-2000)</u> Strengthening the use of electronic document Handling for the work of ITU-T</p> <p><u>Res. 33 (WTSA-2000)</u> Guidelines for ITU-T strategic activities</p>
<p><u>Chairmen's meeting</u></p> <p>Definition and coordination of SG work plan Finalization of meeting schedule for following year Discussion on budget allocation on the various SG Improvement in communication amongst SG Priority in studies</p>		<p><u>2planned meetings</u> 4working days</p> <p>1 P staff-month 1 G staff-month</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans/ PP-98
<p><u>Study Group Meetings</u></p> <p>Study Group responsibility and mandates: See Res. 2 (WTSA-2000)</p> <p>12 Study Groups 1 Special Study Group 199 technical, operating and tariff Questions under study</p> <p>Attention is paid to improvement of telecommunications in developing countries and cooperation with national, regional and international organizations</p> <p>SG 2 – Operational aspects of service provision, networks and performance</p> <p><u>Priorities:</u> Service definition, Numbering, Routing and Global Mobility Numbering Coordination Team (NCT) Resolution 20 and coordination with TSB</p> <p>Lead Study group for service definition, numbering and routing</p> <p><u>New activities:</u> ENUM Service level agreements (SLAs) Human factors Internet root system</p> <p>9 Questions</p>	<p><u>Expected results:</u></p> <p>+/- 315 new ITU-T Rec. totaling about 12,500 pages</p> <p>Development of a programme of technical workshops</p> <p><u>Key performance indicators:</u></p> <p>Worldwide utilization of ITU-T Recs. Text quality & market response Reduction in time-to-market for Recs (AAP implementation) Stability of texts and avoidance of document reprocessing Membership satisfaction</p> <p><u>Expected results:</u></p> <p>25 Recommendations to be approved in 2003 = 1,000 pages</p>	<p><u>Total for all the Study Groups:</u></p> <p><u>22 planned SG meetings</u> with their working parties 155 working days <u>2 planned workshops</u> (see workshop activities) 89 P staff-months 134 G staff-months</p> <p>3,04500 F direct costs: Interpretation Meeting staff Mail expenses</p> <p>5,850,000 F document costs : Total French +English +Spanish: 17,140 pages of translation 46,030 pages of typing pool 42,180,000 pages of reprography</p> <p><u>1 planned SG meeting</u> and their WPs 9 working days</p> <p>7 P staff months 5 G staff months</p> <p>43,000 F direct costs 102,000 F document costs</p> <p>3 Working Party meetings 3 Rapporteur Group meetings</p>	<p>Article 17 of the Constitution</p> <p>Article14 of the Convention</p> <p>Resolutions of Minneapolis, 1998 See below</p> <p>Res. 99 (Minneapolis, 1998): Status of Palestine in ITU Res. 21 (Rev. Minneapolis, 1998): Alternative calling procedures on international telecom. networks</p> <p>Res. 79 (Minneapolis, 1998): International Telecommunication Regulations Res. 101 (Minneapolis, 1998): Internet Protocol (IP)-based networks Res. 89 (Minneapolis, 1998): Decreased use of international telex service Res. 71 (Minneapolis, 1998) Goal 3: Developing and implementing administrative procedures for numbering plans for international networks and services Res. 71 (Minneapolis, 1998), F.4: facilitating the interworking of global personal radiocommunication systems with public telecommunication networks Res. 20 (WTSA-2000) Procedures for allocation and management of International numbering resources Opinion D (WPTF-2001): Essential studies by ITU to facilitate the introduction Of "IP Telephony"</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 3 - Tariff and accounting principles, including related telecommunications, economic and policy issues</p> <p><u>Priorities:</u> Accounting rate reform and implementation of new remuneration systems Implementation of Resolutions adopted by PP-02 Improvement and implementation of cost methodologies Impact of new practices bypassing accounting rate system Tariff principles for services using new technologies</p> <p><u>New activities:</u> Impact and tariff study on Internet / IP-based Networks New Generation Network Settlement of balance of account based on IP Detailed Records Tariff principles for international mobile services</p> <p>4 Questions</p> <p>Tariff Group for Africa (TAF) Tariff Group for Latin America (TAL) Tariff Group for Asia and Oceania (TAS)</p> <p><u>Priorities:</u> TAF: Accounting rates, Call back, Cost model development TAL: Cost model development Determination of maximum accounting rates TAS: New cost model development, Regional case study on cost/price Regional tariff model for Internet</p> <p><u>New activities:</u> TAF: Use of internet in Africa TAL: Impact of IP Telephony in the region</p> <p>Tariff Group for Europe and the Mediterranean Basin activity in abeyance</p>	<p><u>Expected results:</u> 5 Recommendations to be approved in 2003: 250 pages</p> <p><u>Expected results:</u> Preparation of Recommendations and regional cost model</p>	<p><u>2 planned SG meeting</u> and its WPs 10 working days</p> <p>5 P staff months 6 G staff months 176,000 F direct costs 153,000 F document costs</p> <p>2 Rapporteur meetings 5 working days</p> <p>3 planned meetings 10 working days</p> <p>3 P staff months 3 G staff months</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Develop Recommendations to achieve accounting rate reform and to propose means to encourage their implementation <u>Res. 71 (Minneapolis, 1998), D.1, 28.2</u> Achieving Accounting rate reform and proposing means to encourage their implementation</p> <p><u>Res. 21 (Rev. Minneapolis, 1998):</u> Alternative calling procedures on international telecom. networks</p> <p><u>Res. 22 (Minneapolis, 1998):</u> Apportionment of revenues in providing international telecom. services</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p> <p><u>Res. 103 (Minneapolis, 1998):</u> International Telecommunication Regulations</p> <p><u>Res. 26 (WTSA-2000)</u> Assistance to the Regional Tariff Groups</p> <p><u>Res. 29 (WTSA-2000)</u> Alternative calling procedures on international telecommunication networks</p> <p><u>Res. 41 (WTSA-2000)</u> Accounting rate principles for international telephone services</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 4 – Telecommunication management, including TMN</p> <p><u>Priorities:</u> Management of telecommunication services, networks, and equipment using the TMN framework Other telecommunication management studies relating to designations, transport-related operations procedures, test and measurement techniques and instrumentation Cooperation with other standard developing organizations Lead Study Group on TMN</p> <p><u>New activities:</u> ASON network Management activities Management activities regarding optical networks and 3G wireless networks XML-based activities including application of tML framework 17 Questions</p>	<p><u>Expected results :</u> 35 Recommendations to be approved in 2003: 1,700 pages</p>	<p><u>2 planned SG meetings and its WPs</u> 20 working days</p> <p>8 P staff months 8 G staff months 180,000 F direct costs 800,000 F document costs</p> <p>30 Rapporteur meetings 170 working days</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of network infrastructures in the area of control</p>
<p>SG 5 - Protection against electromagnetic environment effects</p> <p><u>Priorities:</u> Resistibility, EMC and safety aspects related to telecommunications networks Cooperation with other international organizations</p> <p><u>New activity:</u> Protection against the effects of mobile equipment and radio systems</p> <p><u>Workshop on SG 5 activities</u></p> <p>14 Questions</p>	<p><u>Expected results:</u> 7 Recommendations to be approved in 2003: 100 pages</p>	<p><u>2 planned SG meeting and its WPs</u> 10 working days</p> <p>3 P staff months 3 G staff months 46,000 F direct costs 107,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Covering the further evolution of network infrastructures</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 6 - Outside plant</p> <p><u>Priorities:</u> Outside plant and access for telecommunication networks Cooperation with IEC, especially TC 86 10 Questions</p>	<p><u>Expected results:</u> 8 Recommendations to be approved in 2003 = 300 pages</p>	<p><u>2 planned SG meeting and its WPs</u> 10 working days 2 P staff months 2 G staff months 46,000 F direct costs 115,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Covering the further evolution of network infrastructures Development of case studies, guidelines & handbooks</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 9 – Integrated broadband cable networks and television and sound transmission</p> <p><u>Priorities:</u> IP and GII over cable distribution networks Television and sound over the core network Coordination with ITU-R on broadcasting matters</p> <p>Lead Study Group on integrated broadband cable and television networks</p> <p>Webcasting Packet cable, IP over cable 21 Questions</p>	<p><u>Expected results:</u></p> <p>20 Recommendations to be approved in 2003: 1,500 pages</p>	<p><u>2 planned SG meeting:</u> and its WPs 10 working days</p> <p>6 P staff months 9 G staff months 66,000 F direct costs 596,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Multimedia applications arising from the convergence of telecommunication, broadcasting, computer and information technology</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 11 - Signalling requirements and protocols</p> <p><u>Priorities:</u> Signalling support for Internet (IP)-based applications Intelligent Networks. Lead Study Group on intelligent networks Signalling for Access, N&B-ISDN, and new generation networks Cooperation and development of ITU-T Recommendations with regional standards bodies/fora on signalling-related activities for IP Coordination with relevant ITU-T/ITU-R SGs/Wps for signaling support of fixed-mobile aspects</p> <p>15 Questions</p>	<p><u>Expected results:</u> 25 Recommendations to be approved in 2003, 1200 pages</p>	<p><u>1 planned SG meeting:</u> and its WPs 10 working days</p> <p>8 P staff months 7 G staff months 80,000 F direct costs 545,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), D.2, 29.2:</u> Developing Recommendations for new technologies and applications - global multimedia and mobility</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in the area of signalling</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Internet Protocol (IP) related aspects as well as the interoperability and convergence of IP-based networks, the Internet, with existing network infrastructures</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Covering the future evolution of network infrastructures, e.g. in the areas of network access, signalling and control</p>
<p>SG 12 - End-to-end transmission performance of networks and terminals</p> <p><u>Priorities:</u> Performance assessment Lead Study Group on Quality of services and performance</p> <p><u>New activities:</u> Development of Recs. on Quality aspects of IP-based network</p> <p><u>Workshop on ITU-T & SG 12 activities</u></p> <p>16 Questions</p>	<p><u>Expected results:</u> 18 Recommendations to be approved in 2003: 400 pages</p>	<p><u>2 planned SG meeting</u> and its WPs 10 working days</p> <p>5 P staff months 6 G staff months 38,000 F direct costs 276,000 F document costs</p>	<p><u>Res. 101 (Minneapolis, 1998):</u> Performance quality assessment of IP-based networks</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Multimedia applications</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 13 – Multi-protocol and IP-based networks and their internetworking</p> <p><u>Priorities:</u> General network aspects, Global Information Infrastructures (GII), B-ISDN and IP (Internet Protocol) Fostering cooperation with IETF</p> <p>Monitoring IP and GII projects</p> <p>Lead Study Group for IP related matters, B-ISDN, Global Information Infrastructure and satellite matters</p> <p>NGW VoIMPLS</p> <p>Integrated communication architecture, including the impact of convergence</p> <p>Workshop on ITU-T & SG 13 activities</p> <p>16 Questions</p>	<p><u>Expected results:</u></p> <p>31 Recommendations to be approved in 2003: 1,550 pages</p>	<p><u>1 planned SG meeting:</u> and its WPs</p> <p>9 working days</p> <p>3 P staff months 3 G staff months 130,000 F direct costs 749,000 F document costs</p>	<p><u>Res. 73 (Minneapolis, 1998):</u> World Summit on the information society</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p> <p><u>Res. 71 (Minneapolis, 1998), D.2, 29.2:</u> Developing Recommendations for new technologies and applications such as appropriate aspects of the GII and global multimedia and mobility</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Internet Protocol (IP) related aspects as well as the interoperability and convergence of IP-based networks, the Internet, with existing network infrastructures</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in cooperation with ITU-R for radio transmission aspects</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of network infrastructures in the areas of network access and interfaces</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Implementation of the GII</p> <p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Integration of existing and new transmission media in public networks</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>ICG SAT Intersector Coordination Group on Satellite Matters Under the Lead of SG 13 <u>Priorities:</u> To take into account satellite specificity within telecommunication network including impact of IP-based network and multimedia network and system Keeping up to date database Coordination with ITU-R Organization of workshop Strengthening relationship with ITU-D</p>	<p><u>Expected results:</u> Performance Achieved consistency of Recommendations of various Study Groups for full integration of the sat-transmission in public networks</p>	<p>No planned meeting so far</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in cooperation with ITU-R for radio transmission aspects</p>
<p>SG 15 – Optical and other transport networks <u>Priorities:</u> Access Network - broadband optical access - refinements & enhancements to SDL - phone line networking - IP on Access Network Network signal processing - interaction of signal processing (OTN) Optical transport network structure - automatic switched optical network (ASON) - network management & control OTN technology -coarse & dense wavelength division multiplexing (WDM) - fiber characteristics - transmission technology - IP on WDM Cooperation with IEC and other SDOs Lead Study Group on access network transport Lead Study Group on optical technology 19 Questions</p>	<p><u>Expected results:</u> 28 Recommendations to be approved in 2003: 800 pages</p>	<p><u>2 planned SG meeting and its WPs</u> 20 working days 6 P staff months 7 G staff months 180,000 F direct costs 1,600,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of network infrastructures in the areas of network access, interfaces and optical networking <u>Res. 71 (Minneapolis, 1998), F.4:</u> Facilitating the integration of existing and new transmission media in public networks, in cooperation with ITU-R for radio transmission aspects</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 16 - Multimedia services, systems and terminals</p> <p><u>Priorities:</u> IP mobility Multimedia platform and interworking Media Coding Multimedia framework, MEDIACOM-2004 project Cooperation with other Standard Development Organization Lead Study Group on multimedia services, systems and terminals Lead Study Group on e-business and e-commerce</p> <p><u>New activities:</u> E-commerce, E-business</p> <p>23 Questions</p>	<p><u>Expected results:</u> 40 Recommendations to be approved in 2003: 1,500 pages</p>	<p><u>1 planned SG meetings and its WPs</u> 9 working days</p> <p>10 P staff months 8 G staff months 142,000 F direct costs 749,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u></p> <p>Multimedia applications arising from the convergence of telecommunication, broadcasting, computer and information technology</p> <p><u>Res. 101 (Minneapolis, 1998):</u> Internet Protocol (IP)-based networks</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SG 17 - Data Networks and Telecommunication Software</p> <p><u>Priorities:</u> Additions to a set of Directory Recs. Open Distributed Processing (ODP), Frame Relay Communication System Security and for interworking with IP-based networks Additions to/revision of the set of ASN.1 Recs Cooperation with ISO/IEC Contribution to the coordination effort with ISO, IEC and UN/ECE for E-business standardization</p> <p>Lead Study Group on Frame Relay Lead Study Group on Communication System Security Lead Study Group on Languages and Description Techniques</p> <p>Enhancement of communication system security for E-commerce Development of the ITU-T ASN.1 Project Continuation of the provision of ASN.1 modules to the ASN.1 database</p> <p>27 Questions</p>	<p><u>Expected results:</u></p> <p>50 Recommendations to be approved in 2003: 2,000 pages</p>	<p><u>1 planned SG meetings and its WPs</u> 8 working days</p> <p>6 P staff months 6 G staff months</p> <p>150,000 F direct costs 713,000 F document costs</p>	<p><u>Res. 71 (Minneapolis, 1998), F.4:</u> Further evolution of networks infrastructures in the area of security Interoperability of IP-based networks with existing networks</p> <p><u>Res. 101 (Minneapolis, 1998)</u> Collaborative activities on IP-based network with ISOC/IETF</p> <p>Network languages</p> <p><u>TSAG (Geneva, 19-23 March 2001)</u> TSAG approved the merger of Study group 7 and 10 into a single Study Group 17</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p>SSG – Special Study Group IMT-2000 and beyond</p> <p><u>Priorities:</u> Network aspects of IMT-2000 and beyond (International Mobile Telecommunications-2000) Wireless access to IP-based networks Convergence of mobile and fixed networks Mobility management, mobile multimedia functions Internetworking, interoperability</p> <p>Lead Study Group on IMT-2000 and beyond and for mobility</p> <p><u>New activities:</u> Workshop on ITU-T and SSG activities Electronic meetings</p> <p>8 Questions</p>	<p><u>Expected results:</u></p> <p>2 Recommendations to be approved in 2003: 100 pages</p> <p>2 NTO (New Type of Output) to be approved in 2003: 50 pages</p>	<p>8 P staff months 9 G staff months 75,000 F direct costs 210,000 F document costs</p> <p><u>3 planned SSG meeting</u> and its WPs 15 working days</p> <p>4 Rapporteur meetings 12 working days</p> <p>10 conference calls 6 electronic meetings</p> <p>1 workshop, 1 full day</p>	<p><u>Res. 38 (WTSA-2000)</u> Coordination among ITU-T, ITU-R and ITU-D for IMT-2000 activities</p>
<p><u>Workshops</u></p> <p>Dissemination of expert knowledge on state-of-the-art technologies, Promotion of awareness of ITU-T activities, working methods and priorities</p>	<p><u>Expected results:</u></p> <p>Participation of delegates from developing countries in the activities of the Sector</p> <p>Strengthening regional presence</p> <p><u>Achievement indicators:</u></p> <p>Dissemination of expert technology</p> <p>Integration of developing countries concerns in ITU-T outputs</p> <p>Coordination of activities within Study Groups and with other SDOs</p>	<p>2 planned workshops 10 working days 9 P staff-months 6 G staff-months</p> <p>100,000 F direct costs: Fellowships for SG 3</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Regional presence</u></p> <p>Strengthening the regional presence Participation in external conferences Assistance to ITU-D</p> <p>Organization of seminars in the field Assistance to the Regions Regional briefing meetings</p>	<p><u>Expected results:</u></p> <p>Strengthened regional presence Awareness of ITU-T activities</p> <p><u>Achievement indicators:</u></p> <p>Membership satisfaction Dissemination of ITU-T studies and Recommendations</p>	<p>4 regional briefing meetings SG meetings in the regions Workshops in the regions Regional tariff group meetings</p> <p>9 P staff-months 9 G staff-month</p> <p>225,000 F direct costs</p>	<p>Res. 71 (Minneapolis, 1998), F.4: to work with BDT with special attention to telecommunication development in developing countries, and to cooperate with the other Sectors in the organization of information meetings, seminars and workshops and in the development of case studies, guidelines and handbooks.</p> <p>Res. 25 (Rev. Minneapolis, 1998), Strengthening the Regional presence</p>
<p><u>Promoting the ITU-T</u></p> <p>Press releases ITU-T presence in external events Presentation of ITU-T activities during external workshops Promotion events</p>	<p><u>Expected results:</u></p> <p>Awareness of ITU-T activities Increased interest of Membership</p> <p><u>Achievement indicators:</u></p> <p>Higher number of Sector Members Increased participation in the Sector activities</p>	<p>18 P staff-months 10 G staff-month</p> <p>100,000 F direct costs</p>	
<p><u>External cooperation</u></p> <p>Assistance to membership and Telecom community Assistance and cooperation with other Sectors Liaison and coordination with international and regional organizations Cooperation with other standard organizations Participation in external conferences IPR issues</p>	<p><u>Expected results:</u></p> <p>Worldwide coordination Promotion of ITU-T activities Signature of MoUs</p> <p><u>Achievement indicators:</u></p> <p>Customer and membership satisfaction Dissemination of ITU-T studies and Recommendations</p>	<p>9 P staff-months 12 G staff-months</p>	

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Study Group Publications</u></p> <p>Editing and publication of approved texts in F, E, S</p> <p><u>Priorities:</u> Availability of pre-published Recommendations within one month of approval.</p> <p>Quickpub procedures</p> <p>Quality control of texts</p> <p>Common text procedure with the ISO</p>	<p><u>Expected results:</u></p> <p>Publication of 12,000 p. of Recs and 1,000 p. of handbooks in three languages</p> <p><u>Key indicators:</u></p> <p>Decrease time to edit publications Pre-published Recs within 1 month Quality control of texts</p> <p>Worldwide dissemination Increased use of ITU-T Recs.</p>	<p>22 P staff-months 178 G staff-months</p> <p>TSB Publication budget = 264,500 F direct costs 232,000 F invoiced costs</p> <p>Covered by sales revenues</p>	<p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union</p> <p><u>Res. 71 (Minneapolis, 1998):</u> Production high-quality Recommendations quickly in response to market demands</p>
<p><u>Operational Bulletin</u></p> <p>Publication containing administrative and operational information exchanged between administration, ROAs etc</p> <p>Lists of country codes and dialing codes for all international services</p> <p><u>Priority:</u> Immediate posting of information to members Increase the distribution of the Operational Bulletin Relations with State Members and Sector Members</p>	<p><u>Expected results:</u></p> <p>24 issues per year</p>	<p>15 P staff-months 16 G staff-months</p> <p>14,500 F direct costs 20,000 F invoiced costs</p> <p>Covered by sales revenues</p>	<p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>Database development available to public</u></p> <p>List of ITU-T Sector Members Work program database Patent statement database Software statement database Terminology database List of Recommendations in force List of recognized SDOs General and Meeting schedule Information on the WEB International numbering resources</p> <p><u>Priority:</u> Improve the user-friendliness of public databases</p> <p>:</p> <p>ASN.1 Module database AAP database Development of new databases as per request of Study Group</p> <p><u>UIFN registration</u></p> <p>Universal International Free phone Numbers registrar</p> <p><u>Priority:</u> Immediate reservations of UIFN numbers</p>	<p><u>Expected results:</u> Availability of the information to public</p> <p><u>Achievement indicators:</u> Rapid and up-to-date Consultation Dissemination of operational Information to public</p> <p><u>Expected results:</u> 3,750 UIFN Reservations</p> <p><u>Achievement indicators:</u> Immediate registration of UIFNs Customer satisfaction</p>	<p>5 P staff-months 3 G staff-months</p> <p>5,000 F direct costs</p> <p>3 P staff-months 13 G staff-months</p> <p>374,000 F direct costs</p> <p>Full cost recovery</p>	<p><u>Res. 91 (Minneapolis, 1998):</u> Cost recovery for some products and services</p> <p>ITU-T Recommendation E.169</p>
<p><u>UIPRN & UISCN registration</u></p> <p>Universal International Premium Rate Numbers registrar Universal International Shared Cost Numbers registrar</p>	<p><u>Expected results:</u> 600 UIPRN/UISCN reservations</p> <p><u>Achievement indicators:</u> Immediate registration Customer satisfaction</p>	<p>1 P staff-months 2 G staff-months</p> <p>47,500 F direct costs</p> <p>Full cost recovery</p>	<p><u>Res. 91 (Minneapolis, 1998):</u> Cost recovery for some products and services</p> <p>ITU-T Recommendations E.169.2 and E.169.3</p>

Operational Activities	Objectives and Performance Indicators	Allocated Resources from the 2003 budget	Relationship to Strategic Policies and Plans / PP-98
<p><u>AESAs registration</u></p> <p>New initiative: ATM End System Addresses registrar</p>	<p><u>Expected results:</u> 300 AESAs reservations</p> <p><u>Achievement indicators:</u> Immediate registration Customer satisfaction</p>	<p>1 P staff-months 1 G staff-months</p> <p>Full cost recovery</p>	<p><u>Res. 91 (Minneapolis, 1998):</u> Cost recovery for some products and services</p> <p>ITU-T Recommendations E.191.1</p>
<p>Codes for Groups of countries Opening E.164 numbering resources UPT numbering administration</p>			
<p><u>Bureau support</u></p> <p>Membership Meeting organization and logistical support Document control Administrative support Finance and budget Director Office Internal management Operational planning</p> <p>Gender perspective issues</p> <p>Director's Ad Hoc IPR Group</p>		<p>35 P staff-months 22 G staff-months</p> <p>10,025,500 F direct costs 139,000 F document costs</p>	<p><u>Res. 72 (Minneapolis, 1998):</u> Linking strategic, financial and operational planning in ITU <u>Res. 104 (Minneapolis, 1998):</u> Reduction of the volume and cost of documentation for ITU conferences <u>Res. 71 (Minneapolis, 1998), annex 2:</u> Goals for improved management</p> <p><u>Res. 70 (Minneapolis, 1998):</u> Inclusion of gender perspective in the work of ITU</p> <p><u>Res. 1187 Council 2001</u> Gender perspective in ITU Human Resource management policy and practice</p>
<p><u>EDH (Electronic Document Handling)</u></p> <p>Posting of documents WEB development Customer support (TSB helpdesk) Maintenance of electronic services in support of Alternate Approval Process</p> <p>Maintenance of the ITU-T Website and relevant information</p>	<p><u>Expected results:</u> Immediate posting of information</p> <p><u>Achievement indicators:</u> Increased number of visitors Customer satisfaction</p>	<p>40 G staff-months</p>	<p><u>Res. 66 (Minneapolis, 1998):</u> Documents and publications of the Union <u>Res. 1141 Council 1999</u> Reduction of the cost and volume of documentation for Conferences and Assemblies and the Council</p> <p><u>Res. 32 (WTSA-2000)</u> Strengthening the use of electronic document handling for the work of ITU-T</p>

