International Telecommunication Union

WTSA-04 and TSAG
(rules and procedures for ITU-T)

Telecommunication standardization bureau (ITU/TSB)

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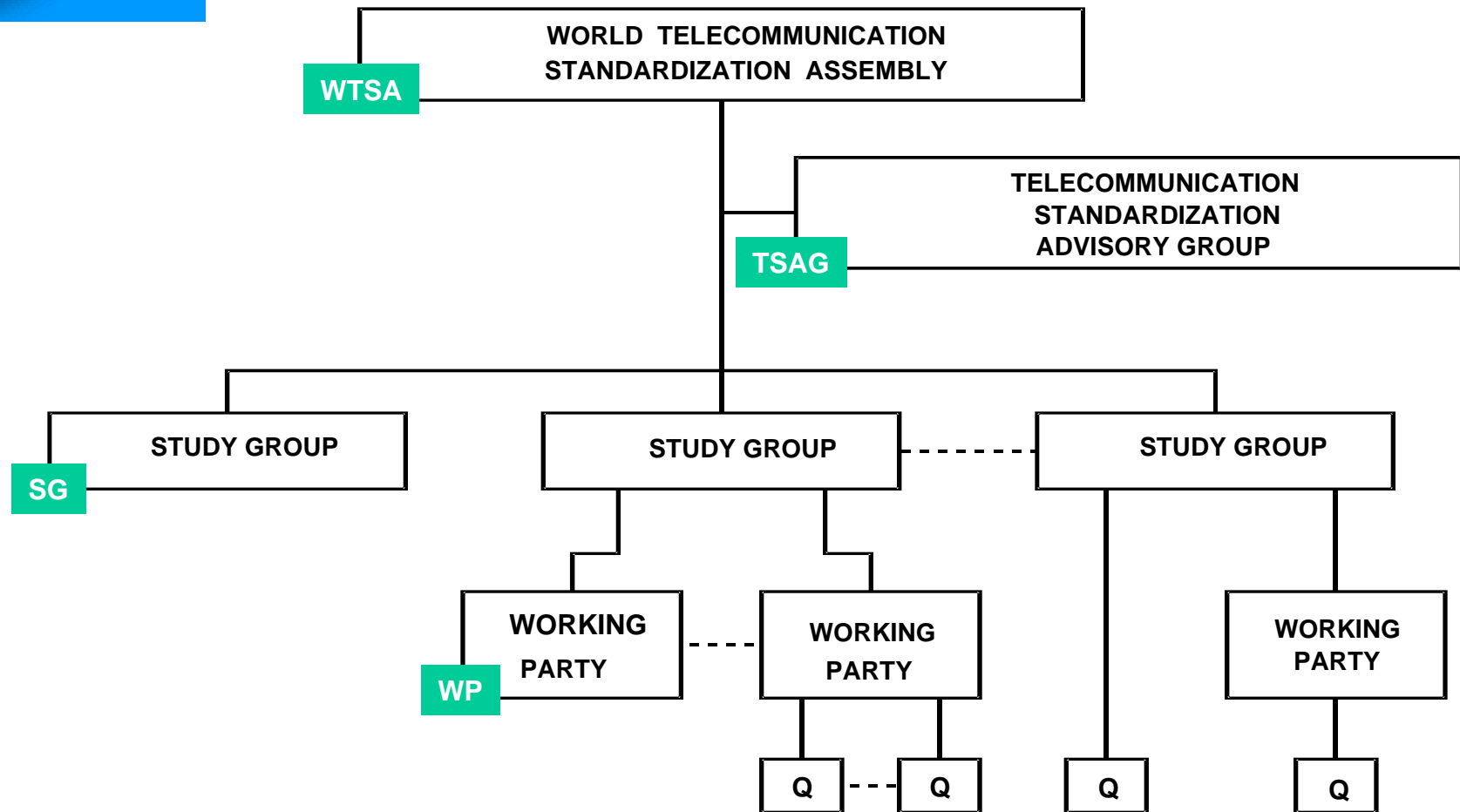**Telecommunication Standardization Workshop**

25-27 October 2006, Maputo, Mozambique

o WTSA-04 Resolutions

o TSAG

o A-series Recommendations

UIT-T Structure

WTSA — WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY

TSAG — TELECOMMUNICATION STANDARDIZATION ADVISORY GROUP

SG — STUDY GROUP | STUDY GROUP | STUDY GROUP

WP — WORKING PARTY | WORKING PARTY | WORKING PARTY

Q | Q | Q | Q

Q = Question

WTSA-04 Resolutions

o   Res. 1 - Rules of procedure of the ITU Telecommunication Standardization Sector (ITU-T)

o   Res. 2 - Study Group responsibility and mandates

o   Res. 2 Annex C, "List of Recommendations under the responsibility of the respective study groups and TSAG in the post-2004 study period", as amended by TSAG decisions

o   Res. 7 - Collaboration with the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC)

o   Res. 11 - Collaboration with the Postal Operations Council (POC) of the Universal Postal Union (UPU) in the study of services concerning both the postal and the telecommunication sectors

o   Res. 17 - Telecommunication standardization in relation to the interests of developing countries

o   Res. 18 - Principles and procedures for the allocation of work to, and coordination between, ITU-T and ITU-R

o   Res. 20 - Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources

o   Res. 22 - Authorization for TSAG to act between WTSAs

WTSA-04 Resolutions

o Res. 26 - Assistance to the regional tariff groups

o Res. 29 - Alternative calling procedures on international telecommunication networks

o Res. 31 - Admission of entities or organizations to participate as Associates in the work of ITU-T

o Res. 32 - Strengthening electronic working methods for the work of ITU-T

o Res. 33 - Guidelines for ITU-T strategic activities

o Res. 34 - Voluntary contributions

o Res. 35 - Appointment and maximum term of office for chairmen and vice-chairmen of ITU-T study groups and of TSAG

o Res. 38 - Coordination among ITU-T, ITU-R and ITU-D for activities relating to IMT-2000 and systems beyond IMT-2000

o Res. 40 - Regulatory aspects of ITU-T work

WTSA-04 Resolutions

- o Res. 42 - Implementation of results-based budgeting - Impact on planning in ITU-T
- o Res. 43 - Regional preparations for WTSAs
- o Res. 44 - Bridging the standardization gap between developing and developed countries
- o Res. 45 - Effective coordination of standardization work across study groups in ITU-T and the role of TSAG
- o Res. 46 - ITU-T contribution to Council Working Group on the World Summit on the Information Society
- o Res. 47 - Country code top level domain names
- o Res. 48 - Internationalized domain names
- o Res. 49 - ENUM
- o Res. 50 - Cybersecurity
- o Res. 51 - Combating spam
- o Res. 52 - Countering spam by technical means
- o Res. 53 - Establishment of a seminar and workshop coordination committee
- o Res. 54 - Creation of regional groups
- o Res. 55 - Mainstreaming gender in ITU-T activities

Res. 1

Rules of procedure of the ITU Telecommunication Standardization Sector (ITU-T)

o Sets the general objectives of Study Groups and TSAG, rules meetings outside of Geneva, participation in meetings, reporting to WTSA

o Guidelines for Study Group management

o TSAG role

o Duties of the Director of TSB

o Development, approval, deletion of Questions

o Selection of the approval process (TAP/AAP)

o Description of the TAP (incl. For deletion of Recommendations)

Res. 2

Study Group responsibility and mandates

o Details the responsibilities for each of the Study Groups

o Assign to some Study Groups a lead role on key identified areas

o Allocate the Recommendations series to Study Groups

Res. 17

Telecommunication standardization in relation to the interests of developing countries

o Cooperation between the TSB Director and ITU Regional Offices

o Strengthen cooperation and coordination with other SDOs, esp. from developing countries

o Provide Administration of developing countries with free e-copies of handbooks, … part. on planning, OAM of telecom networks

Res. 20

Procedures for allocation and management of international telecommunication numbering, naming, addressing and identification resources

o Series of instructions to the TSB Director and SG 2 with respect to assignment of international numbering, naming, addressing and identification resources

o Follow-up of misuse of above resources

o Study necessary action to ensure that the sovereignty of Members States on numbering, naming, addressing and identification plans is maintained

Res. 22
Authorization for TSAG to act between WTSAs

o The ITU-T cannot wait the four-year cycle of the WTSA meetings to take important decisions due to the technology or market need changes

o WTSA-04 assigned a number of responsibilities to TSAG, incl. the right to restructure, establish Study Groups and assign Chairmen and Vice-Chairmen

Res. 40

Regulatory aspects of ITU-T work

o This Resolution is important as it should be referred when considering if a Recommendation has regulatory or policy implication (selection of the approval track)

o Study Groups are invited to consider possible issues such as right of the public to correspond, protection of telecommunication channels and installations, use of limited natural resources such as unique numbering and addressing, secrecy and authenticity of telecommunications, safety of life, practices applicable to competitive markets, ...

Res. 44

Bridging the standardization gap between developing and developed countries

o Close work between BDT and TSB for implementing an Action Plan annexed to the Resolution (5 x programmes: Strengthening standard-making capabilities, assisting BDT in enhancing efforts in respect of standards application, Human resource building, Flagship Groups for bridging the standardization gap, Fundraising for bridging the standardization gap)

o Most of the ITU-T Study Groups have taken action on this Resolution. An action plan has been developed, with TSAG coordination and is being updated

o Need input from representatives of developing countries, e.g., SG 17 has a contact person from Cameroun to coordinate the contribution that SG 17 can provide to the overall ITU-T plan

Res. 48
Internationalized domain names

o Study Group 17 has approved a new Question to study this important item for the development of ICT in non-English speaking countries (Q.16/17)

o A questionnaire has been issued on experiences and project for the use of IDN. Replies will be studied at the December 06 SG 17 meeting

http://www.itu.int/ITU-T/studygroups/com17/idn/index.html

o Immediate actions have been taken by all ITU on these resolutions.

o SG 17 has a Question (Q.6/17) on Cyber Security, ITU/SPU developed with the TSB a Cybersecurity gateway

o SG 17 developed and approved a new Question on countering spam by technical means (Q.17/17)

TSAG

o 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.

TSAG Structure

o WP 1 – Working Methods

o WP 2 – Work programme, Programme management and Strategy

o WP 3 – Electronic Working Methods (EWM) and Publication policy

o WP 4 – External cooperation, Technology watch and Promotion

o Group on Bridging the standardization gap

o Seminar Coordination Committee (SCC)

A-series Recommendations

- **A.1** Work methods for study groups of the ITU Telecommunication Standardization Sector (ITU-T)
- **A.2** Presentation of contributions relative to the study of Questions assigned to ITU-T
- **A.4** Communication process between ITU-T and Forums and Consortia
- **A.5** Generic procedures for including references to documents of other organizations in ITU-T Recommendations
- **A.6** Cooperation and exchange of information between ITU-T and national and regional standards development organizations
- **A.7** Focus groups: Working methods and procedures
- **A.8** Alternative approval process for new and revised Recommendations
- **A.11** Publication of ITU-T Recommendations and WTSA proceedings
- **A.12** Identification and layout of ITU-T Recommendations
- **A.13** Supplements to ITU-T Recommendations
- **A.23** Collaboration with the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) on information technology
- **A.23 Annex A** Guide to ITU-T and ISO/IEC JTC1 cooperation
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- **A.Sup2** Guidelines on interoperability experiments
- **A.Sup3** IETF and ITU-T collaboration guidelines

Rec. A.1

Work methods for study groups of the ITU Telecommunication Standardization Sector (ITU-T)

o Gives guidance on the management of Study Group and other group meetings, incl. frequency, conduct of the meeting, coordination of work, handling of liaison statements, reporting

o Proposals are given for structuring the SG and distributing the work

o The role and responsibilities of Rapporteurs are detailed

o Procedure for submission and processing of contributions and handling of Temporary documents are extensively described

ITU-T Fosters Cooperation

o A.4 – Communication with forums/consortia

o A.5 – Organizations qualified for referencing

o A.6 – Cooperation and exchange of information with national and regional SDOs

o A.23 – Collaboration with ISO and IEC

o A.Sup 3: "IETF & ITU-T Collaboration Guidelines": Oct. 1998, updated Aug. 2002

o MoUs

- ICANN Protocol Supporting Organization, 1999
- IEC, ISO, ITU and UN/ECE on e-business, 2000
- ITU and ETSI, 2000

Rec. A.4

Communication process between ITU-T and Forums and Consortia

o Goal: to facilitate documentation exchange

o Criteria: pretty straightforward and common sense

- Evident ones: subject area should be of relevance to the work done in ITU-T
- Documents submitted to ITU-T should not contain proprietary information (no restriction for distribution)
- Open membership should not preclude ITU MS or SM
- Patent policy: must be consistent with ITU-T patent policy
- The organization should have a legal status and a permanent secretariat

o A formal communication process can initiated either by the forum or by ITU-T (e.g., Study Group or Director of TSB)

o Can be initiated at any time

Rec. A.5

Generic procedures for including references to documents of other organizations in ITU-T Recommendations

o This Recommendation applies for referencing to documents of other organizations in ITU-T Recommendations (in a normative way)

o The whole, or parts of a referenced document considered an integral part of the Recommendation

o Normative referencing is usually limited to approved documents of the referenced organization

o Need to submit justification for the specific reference using a Format given in Appendix I to Rec. A.5

o The other organization needs to be "qualified" according the criteria given in Annex to Recs. A.4 or A.6

Rec. A.6

Cooperation and exchange of information between ITU-T and national and regional standards development organizations

o Similar in spirit to A.4, but restricted to national or regional organizations (e.g., ETSI, ATIS, …)

Cooperation with ISO and IEC

o WTSA-04 Resolution 7 "Collaboration with ISO and IEC"

o Rec. A.23 "Collaboration with ISO and IEC on information technology"

o Guide for ITU-T and ISO/IEC JTC 1 Cooperation.

o ITU-T has "common texts" with ISO and IEC

o WSC (= World Standards Cooperation)
   - Annual meetings of the leadership teams of ITU-T, ITU-R, ISO, IEC

o Among the latest developments:
   - Common ITU-T/ITU-R/ISO/IEC Patent Policy

Cooperation with IETF

o IETF and ITU-T collaboration guidelines: "Supplement 3 to ITU-T A-series Recommendations" (and RFC in IETF)

o Regular meetings of IETF and ITU-T leadership teams (IETF area directors, ITU-T study group chairmen)

o Joint ITU-IETF Workshop on NGN, May 2005

ITU-T positioning

Intergovernment

ITU

(ITU-T and ITU-R)

NGOs
ISO, IEC

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Forums / Consortia / SDOs

1394TA	3G.IP	3GPP	3GPP2	AIM	AMF
AMI-C	AOEMA	AOW	ARIB	BINTERMS	IPsphere
Bluetooth	Cable Modems	CBOP	CDG	CIF	CII
CommerceNet	CommerceNet J	Committee T1	COS	CPR	CTFJ
DHF	DISA	DOPG	DSL Forum	ECE	ECHONET
ECMA	ECOM	ECTF	EDIFICE	EDS	EEMA
EIDX	EMA	EMF	ERTICO	ETSI	EWOS
FCIA	FCIA-J	FIPA			FSAN
GSM Assoc.	HNF	Home API	HomePNA	HRFWG	IDB Forum
IEEE	IETF	IFIP	IFSA	IMTC	IMWA
IPv6	IrDA	ITS America	ITS UK	JAVA	JCTEA
JECALS	JEDIC	JEMA	JICSAP	JIMM	JMF
LONMARK	MCPC	MDG.org	MITF	MMCF	Mobile Web
MOPA	MFA	MSF	MWIF	OASIS	ODVA
OIF	OMG	OSGi	PCCA	PCISIG	PCMCIA
PHS MoU	PICMG	PKI	POF	Salutation	SCF
SCTE	SDL Forum	SDR	SSIPG	STA	TIA
	TM Forum	TOG	TSC	TTA	TTC
UMTS	USBIF	UWCC	W3C	WAP	WDF
Web 3D	WfMC	WIN Forum	WLIF	XTP Forum	

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Collaborative SDOs

o **World Standard Cooperation (WSC)**
  - ITU
  - ISO
  - IEC
o **Global Standard Collaboration (GSC)**
  - ACIF
  - ARIB
  - ATIS
  - CCSA
  - ETSI
  - ISACC
  - TIA
  - TTA
  - TTC

Recognized SDOs

- ASN.1 Consortium
- ATSC
- CEA
- DSL Forum
- ETIS
- ECMA International
- GSM Association
- IMTC
- IPDR Organization
- IP Sphere Forum
- IPv6 Forum
- IEEE
- ISOC / IETF
- JCTEA
- Liberty Alliance

- MEF
- MFA Forum
- MSF
- MMTA
- NIST
- OASIS
- OMA
- OMG
- OIF
- SDL Forum Society
- SDL Task force Consortium
- SCTE
- SMPTE
- TM Forum
- UNICODE
- W3C

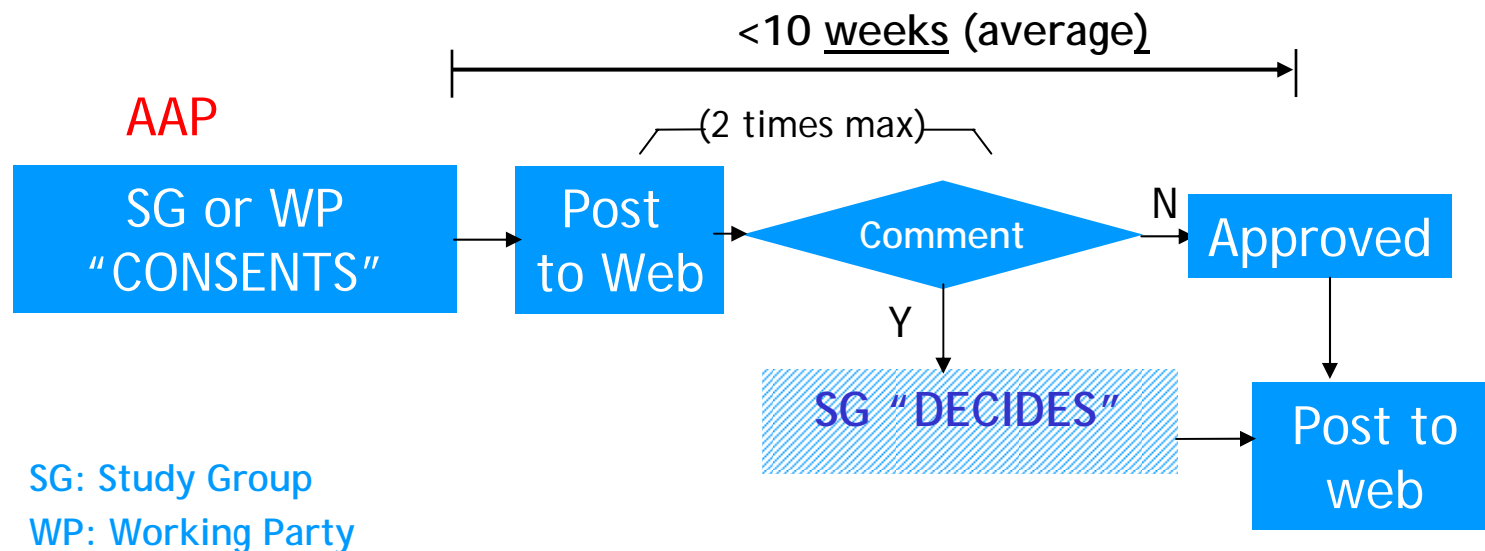# Rec. A.7

Focus groups: Working methods and procedures

o A Focus Group may be established by the Director of TSB or a Study Group

o Acts on a focused subject and in a limited period of time

o Rules and procedures are established by the Focus Group. Approval process may differ from that of ITU-T. A FG should be self-financed

o A parent Study Group is assigned

o The FG shall report regularly to its parent SG

o The FG deliverables may be progressed as ITU-T Recommendations

Rec. A.8

Alternative approval process for new and revised Recommendations

- Complement Resolution 1, section 9 describing the TAP
- Note that section 8/Res. 1 describes the selection of Approval Process and points to Rec. A.8

SG: Study Group
WP: Working Party

Rec. A.12

Identification and layout of ITU-T Recommendations

A. Organization of the work of ITU-T
B. *Not assigned*
C. *Not assigned*
D. General tariff principles
E. Overall network operation, telephone service, service operation and human factors
F. Non-telephone telecommunication services
G. Transmission systems and media, digital systems and networks
H. Audiovisual and multimedia systems
I. Integrated services digital network
J. Transmission of television, sound programme and other multimedia signals
K. Protection against interference
L. Construction, installation and protection of cables and other elements of outside plant

Rec. A.12

Identification and layout of ITU-T Recommendations

M. TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits

N. Maintenance: international sound programme and television transmission circuits

O. Specifications of measuring equipment

P. Telephone transmission quality, telephone installations, local line networks

Q. Switching and signalling

R. Telegraph transmission

S. Telegraph services terminal equipment

T. Terminals for telematic services

U. Telegraph switching

V. Data communication over the telephone network

W. *Not allocated*

X. Data networks and open system communications

Y. Global information infrastructure and Internet protocol aspects

Z. Languages and general software aspects for telecommunication systems

Rec. A.13

Supplements to ITU-T Recommendations

o **Non-normative publication**

o **Approved at a Study Group meeting**

o **Complement a Recommendation or a series of Recommendations**

o **Cannot be referred in other Recommendations in a normative way**

Ongoing work at TSAG

o Correspondence group on the authors' guide for drafting ITU-T Recommendations

o Correspondence group on working structure and methods

o Consideration on proposals for changing Resolutions or A-series Recommendation in the time frame of the next WTSA-08

o **Thank you for your attention**