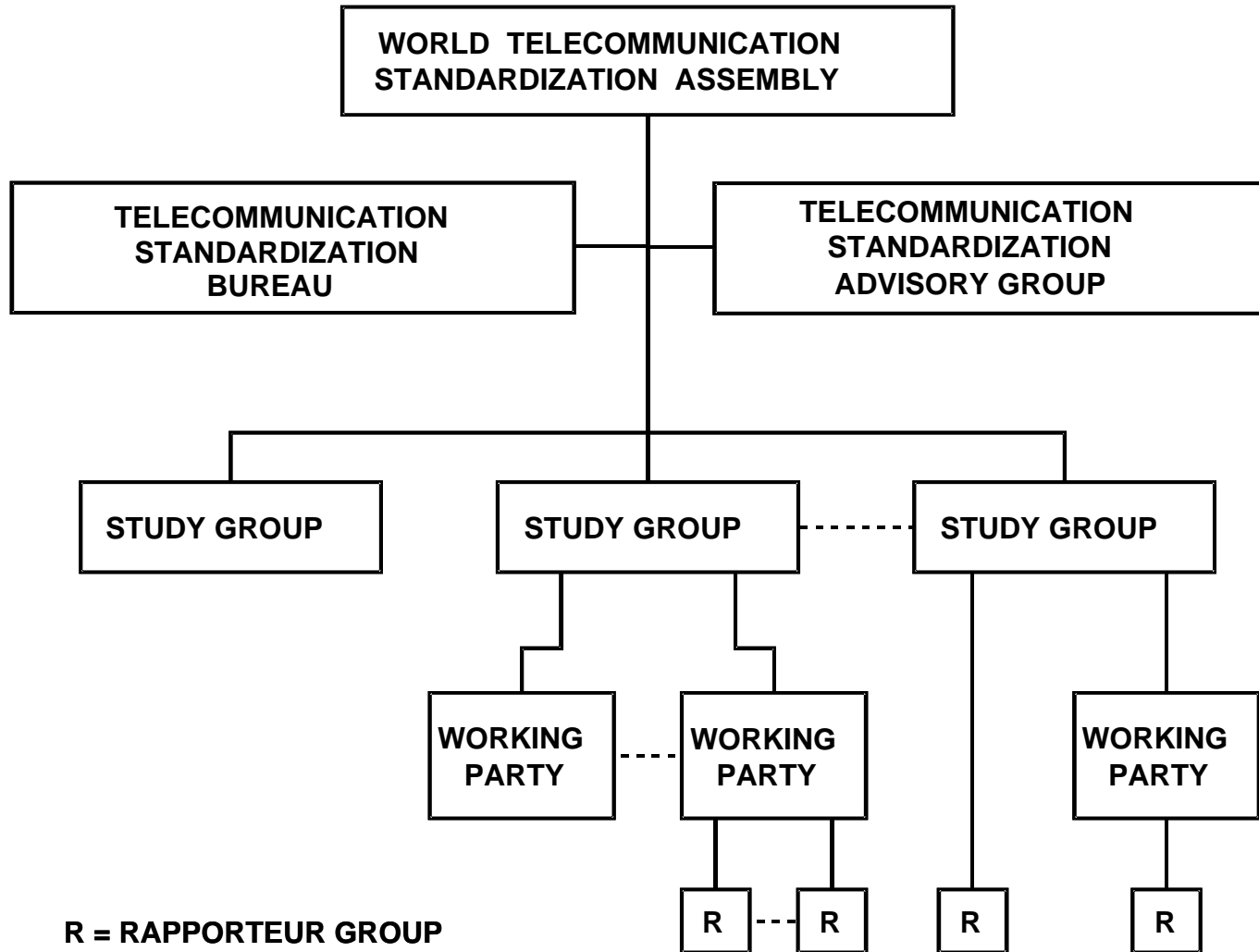


**CIS Region WTSA-08  
Preparatory Meeting  
Tashkent, Uzbekistan, 12-13 June 2008**

**Revision of ITU-T Study Group  
Structure and Study Questions**

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# How work is organized in ITU-T



# ITU Convention & ITU-T Sector Work

- **The WTSA shall:**
  - ▶ **approve the programme of work arising from the review of existing questions and new questions and determine the priority, urgency, estimated financial implications and time-scale for the completion of their study (CV188)**
  - ▶ **decide...to maintain, terminate or establish study groups and allocate to each of them the questions to be studied (CV189)**
  - ▶ **group, as far as practicable, questions of interest to the developing countries to facilitate their participation in these studies (CV190)**

# WTSA role for SGs and work programme

- **WTSA Resolution 1, §1.2.1 on WTSA Committees:**
  - ▶ **b) "Committee on the ITU-T Work Programme and Organization", which considers the report of TSAG, and submits a report to WTSA setting out the allocation of work to study groups, and an organizational structure necessary to support the work programme, consistent with ITU-T priorities and strategy.**
  - ▶ **This committee shall include:**
    - ▶ **the chairmen of the study groups, the chairman of TSAG and the chairmen of other groups set up by WTSA.**

# What Is A Question?

- **Information for submission of a Question**
  - ▶ **Source**
  - ▶ **Short title**
  - ▶ **Type of Question or proposal**
  - ▶ **Reasons or experience motivating the proposed Question or proposal**
  - ▶ **Draft text of Question or proposal**
  - ▶ **Specific task objective(s) with expected time-frames for completion**
  - ▶ **Relationship of this study activity to other:**
    - ▶ **Recommendations**
    - ▶ **Questions**
    - ▶ **study groups**
    - ▶ **relevant standardization bodies**

# What the SGs Have Been Doing

- Questions can be created, revised or terminated as necessary, under WTSA Resolution 1, Section 7 procedures
- However, Resolution 1 also requires ITU-T to review its entire programme of work periodically – possibly a unique feature among SDOs, forums and consortia
- Each of the 13 ITU-T Study Groups has been reviewing its study Questions: dropping some, merging some, adding some and updating all
- Each SG has sent its new and revised Questions to WTSA, and first they will also be reviewed by TSAG

# TSAG's Role

- **Consider all the Questions – identify overlaps, gaps, relationships with external bodies and other SGs**
- **Consider views of the SGs on future SG structure and mandates**
- **Consider proposals from the membership**
- **Develop a proposal on SGs for WTSA-08, including mandates, allocation of Questions and assignment of responsibility for all ITU-T Recommendations, past and future**

# What is a “good” SG structure?

## Some Principles on SG structure:

- Effective and efficient development of standards
- Groups have “critical mass” of well-correlated topics but do not get too large and unwieldy
- Cost effective for the membership and ITU-T
- Avoid duplication
- Attract participants, including new members
- Understandable to external organizations
- Forward-looking, providing a home for new and unanticipated topics

**Make ITU-T the most attractive place to do standards**



# Current ITU-T Study Groups

- 2 Operational aspects of service provision, networks and performance
- 3 Tariff and accounting principles including related telecommunication economic and policy issues
- 4 Telecommunication management
- 5 Protection against electromagnetic environment effects
- 6 Outside plant and related indoor installations
- 9 Integrated broadband cable networks and television and sound transmission
- 11 Signalling requirements and protocols
- 12 Performance and quality of service
- 13 Next generation networks
- 15 Optical and other transport network infrastructures
- 16 Multimedia terminals, systems and applications
- 17 Security, languages and telecommunication software
- 19 Mobile telecommunication networks

# SG Structure Issues

- **Some areas have general agreement or “near-agreement”**
  - ▶ **Hopefully, these will be agreed quickly at TSAG and put to the side**
- **Some areas are still under detailed discussion at the Question level and sub-Question level**
  - ▶ **Opinion of subject matter experts will help guide a rationale allocation of the work**
- **Some areas are the subject of active debate where fundamental disagreements are still to be resolved**

# **SG Options: A High Level View (1)**

- **Consolidate Network Operations (WP2/2) and Network Management (SG4)**
  - ▶ **Further consolidate this with SG12 (Performance)**
- **Consolidate Outside Plant transmission systems (SG6) and transport networks (SG15)**
- **Consolidate ‘broadband applications’ (SG9+SG16) or reallocate Broadcast service to constituent technical areas (SG9 → SG12, SG15, SG16)**
- **Consolidate “NGN” (SG11+SG13+SG19) or keep a separate SG11 in addition to a merged SG13+SG19**
- **Consolidate numbering and addressing (WP1/2), Internationalized Domain Names (Q.16/17) and Identity Management (from SG17)**

# **SG Options: A High Level View (2)**

- **Consolidate signalling protocols (SG11) and formal description languages used to describe them (WP3/17)**
- **No fundamental change to core function or structure of:**
  - ▶ **SG3 (Tariff & Accounting Principles)**
  - ▶ **SG5 (EMC)**
  - ▶ **SG15 (Transport Networks)**
  - ▶ **SG17 (Security)**

# SG Structure – Options in detail (1)

## SG 2

- **General agreement to move Network Operations (Block 2Bx), essentially WP2/2, to SG4**
- **Internationalized Domain Names (Block 17B) under Q.16/17 could move from SG17 to SG2. SG17 did not propose a new Question.**
- **It seemed likely that Human Factors (Block 2D) would move to SG16, but both SG2 and SG16 have raised doubts.**
- **Proposals to move Identity Management from SG17 to SG2**

# SG Structure – Options in detail (2)

## SG 3

- No change

## SG4

- Q.4/4 and Q.5/4 should remain together as block 4Y (Test and Measurement). Could stay in SG4 or be moved to SG15
- SG4 recommends Block 4Z (Error performance of transport networks) transfer to SG12 or SG15
- Some members propose merger of SG4 and SG12. No agreement on this.

# SG Structure – Options in detail (3)

## SG 5

- Stay as is, except could take on Copper Cables (Block 6D) from SG 5.

## SG 6

- Seemed there was agreement to move Blocks 6A (Optical physical layer), 6B (Physical network planning) and 6C (Protection and security of other aspects of the outside plant ) to SG 15; and
- Move Block 6D to SG 5.
- However, SG6 has questioned this option

# SG Structure – Options in detail (4)

## SG 9

- **Proposals have been made to retain SG9 as is**
- **Proposals have been made to merge some or all of SG9 with SG16 and move remaining portion to SG12, terminating a separate SG9**
- **This has not been resolved through the SG Restructure Correspondence Group so far**
- **Will be a topic for discussion at TSAG**



# SG Structure – Options in detail (5)

## SG 11

- **SG11 sees all its work as a single Block 11A**
- **Proposals have been made to merge SGs 11, 13 and 19**
- **Some propose a merged SG 13 and 19, but a separate SG11**
- **Proposal made to move Q3/16 (Multimedia Gateway Control Architectures and Protocols) to SG11/13/19; SG16 does not agree**
- **Proposal to move formal languages (Block 17C) to SG11 was left for TSAG to decide**

# SG Structure – Options in detail (6)

## SG12

- (as covered under SG4 and SG9)

## SG13

- (as covered under SG11) plus
- Move OAM and network management for NGN to SG15 (Q.5/13)
- General agreement to merge at least SG13 and SG19

# SG Structure – Options in detail (7)

## SG15

- (as covered under SG4, SG6, SG13)

## SG16

- (as covered under SG2 and SG9)

## SG17

- (as covered under SG2 and SG11)
- SG17 and SG13 management agreed on merging Q.G/17 (Future open system communications technology) and Q.P/13 (Future networks) under SG13; TSAG to review

# SG Structure – Options in detail (8)

## SG19

- (as covered under SG11 and SG13)
- **Mobility to remain a visible Block within the merged SG**

# TSAG and WTSA-08 on Study Group Structure – Easy

- **Many of the issues involve reallocation of specialized parts of the work to improve the efficiency and reduce the costs and time for standardization**
- **These will most likely be resolved by the few experts most directly involved with the work**
- **The process might be time-consuming, and it might depend on the outcome of the other, major issues**

# TSAG and WTSA-08 on Study Group Structure – Not so easy

- **Some issues could become the major issues of TSAG and the Assembly**
- **These will tend to be involved with the larger reallocations of work, e.g.,**
- **SGs 11, 13, 19**
- **SG 9 and SG12 and/or SG16**
- **SG 4**
- **Election of the Chairmen and Vice Chairmen of the resulting SGs**

# TSAG and WTSA-08 on Study Group Structure

- **There will also be some new topics on which WTSA-08 might want to put greater emphasis**
- **These could include:**
  - ▶ **ICT and the environment**
  - ▶ **broadband anytime/anywhere/any service**
  - ▶ **technology-oriented SG structure vs application-oriented SG standardization or a mixture of both**

# Next Steps

- **TSAG will review all draft Questions**
  - ▶ **Propose amendments to WTSA-08 to eliminate overlaps, gaps, out-of-scope topics**
- **TSAG will review progress by the Correspondence Group on SG structure and all proposals from the membership**
  - ▶ **Propose to WTSA-08 a complete package of SG structure, mandates, work allocation and Recommendation responsibilities**



# Thank you

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# Backup Information

- Text of Questions from all SGs are in TSAG TDs\*:

- ▶ TSAG TDs are at:

<http://www.itu.int/md/T05-TSAG-080702-TD/en>

SG	TD	SG	TD	SG	TD	SG	TD	SG	TD
2	591	5	568	11	571	15	572	19	559R1
3	574	6		12	599	16			
4	597	9	589	13	569	17	582		

TD: “Temporary Document”