Joint ITU - AICTO Workshop on "Interoperability of IPTV in the Arab region"

(Dubai, UAE, 20 – 21 September 2011)

ITU-T Study Group 16

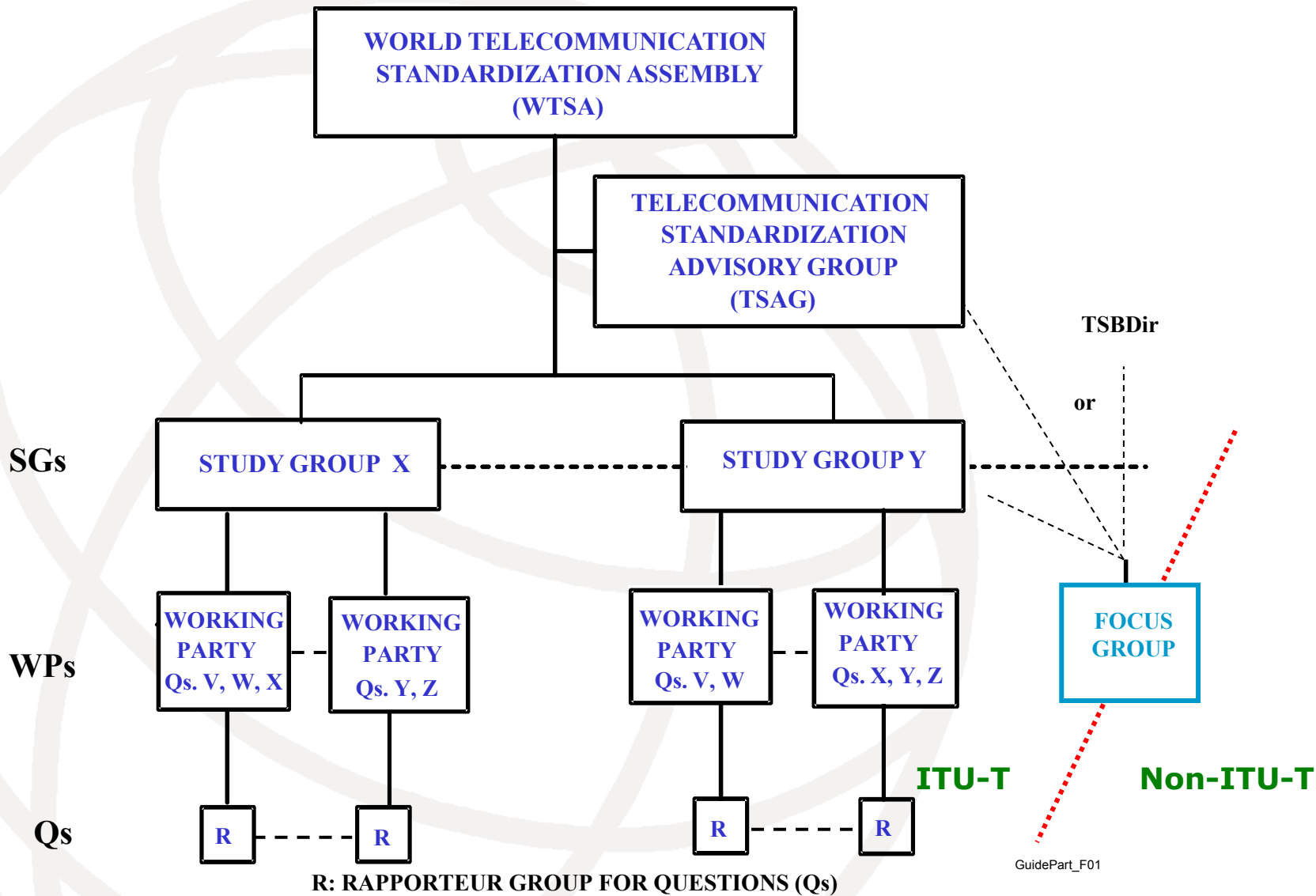## General overview

Yushi Naito,

ITU-T SG 16 Chairman

Mitsubishi Electric Corporation

International
Telecommunication
Union

Organization of ITU-T

WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY (WTSA)

TELECOMMUNICATION STANDARDIZATION ADVISORY GROUP (TSAG)

TSBDir

or

SGs — STUDY GROUP X ‧‧‧ STUDY GROUP Y

WPs — WORKING PARTY Qs. V, W, X · WORKING PARTY Qs. Y, Z · WORKING PARTY Qs. V, W · WORKING PARTY Qs. X, Y, Z · FOCUS GROUP

ITU-T   Non-ITU-T

Qs — R ‐ ‐ ‐ R · R ‐ ‐ ‐ R

R: RAPPORTEUR GROUP FOR QUESTIONS (Qs)

GuidePart_F01

Dubai, UAE, 20-21 September 2011

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Study Group 16 Overview

Multimedia coding, systems and applications

- Lead SG on;
  - multimedia coding, systems and applications
  - ubiquitous applications ("e-everything", such as e-health)
  - telecommunication/ICT accessibility for persons with disabilities
- Organization
  - WP1:Network signal processing and voiceband terminals
  - **WP2:Applications and systems**
  - WP3:Media coding
  - Q20:Multimedia coordination
  - **Q26: Accessibility to Multimedia Systems and Services**
- Participants
  - 200-250 delegates from 24-26 countries

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WP1

Network signal processing and Voiceband terminals

- Q14:Voiceband modems and facsimile terminals protocols: specification, performance evaluation and interworking with NGN

- Q15:Voice gateway signal processing functions and circuit multiplication equipment / systems

- Q16:Speech enhancement functions in signal processing network equipment

- Q18:Interaction aspects of signal processing network equipment

WP2

Applications and systems

- Q1:Multimedia systems, terminals and data conferencing

- Q2:H.323 real-time multimedia system

- Q3:Multimedia gateway control architectures and protocols

- Q4:Advanced functions for H.300-series systems and beyond

- Q5:Telepresence systems

- Q12:Advanced multimedia system for NGN and other packet-based networks

WP2 (continued)

- **Q13:Multimedia application platforms and end systems for IPTV**
- Q21:Multimedia architecture
- Q22:Multimedia applications and services
- Q24:Multimedia functions in NGN and other networks
- Q25:USN Applications and Services
- Q27:Vehicle gateway platform for telecommunication/ITS services/applications
- Q28:Multimedia framework for e-health applications

Q13 is seeking the possibility of collaboration with ISO/IEC JTC1 SC 29/WG 11 (MPEG) on advanced IPTV terminal (AIT) development

WP3

- Q7:System and coordination aspects of media coding
- Q6:Visual coding
- Q8:Generic sound activity detection
- Q10:Speech and audio coding and related software tools

  Q6 is also jointly working together with ISO/IEC JTC1 SC29/WG11 (MPEG) for future video coding development

New Challanges

- ITU has determined to step forward for the standardization on **Road Safety** & taking leadership on **ITS Communications**.

- Together with ISO TC204 and ITU-R, relevant ITU-T SGs, including SG 16, are pursuing to establish a new Joint Task Force, a collaboration platform to develop ITS Communications Standards jointly.

- Focus Group on Driver Distraction (FG-Distraction) had been established under SG 12 to study the standardization direction to decrease the road accidents.

New Challenges (2)

- Promoting the development of ITU-T Recommendations on Human Accessibilities.
  - FG-AudioVisual Accessbility (FG-AVA) has been newly established.

- Ensuring Interoperability/Conformance
  - Establishment of publicly available database
  - Promoting Interoerability events
  - Development of specification Recommendations for Interoperability/Conformance testing

Thank you