

# ITS Standardization Activities - ITU-R, ASTAP & Japan-

September 5, 2003  
Tokyo, Japan

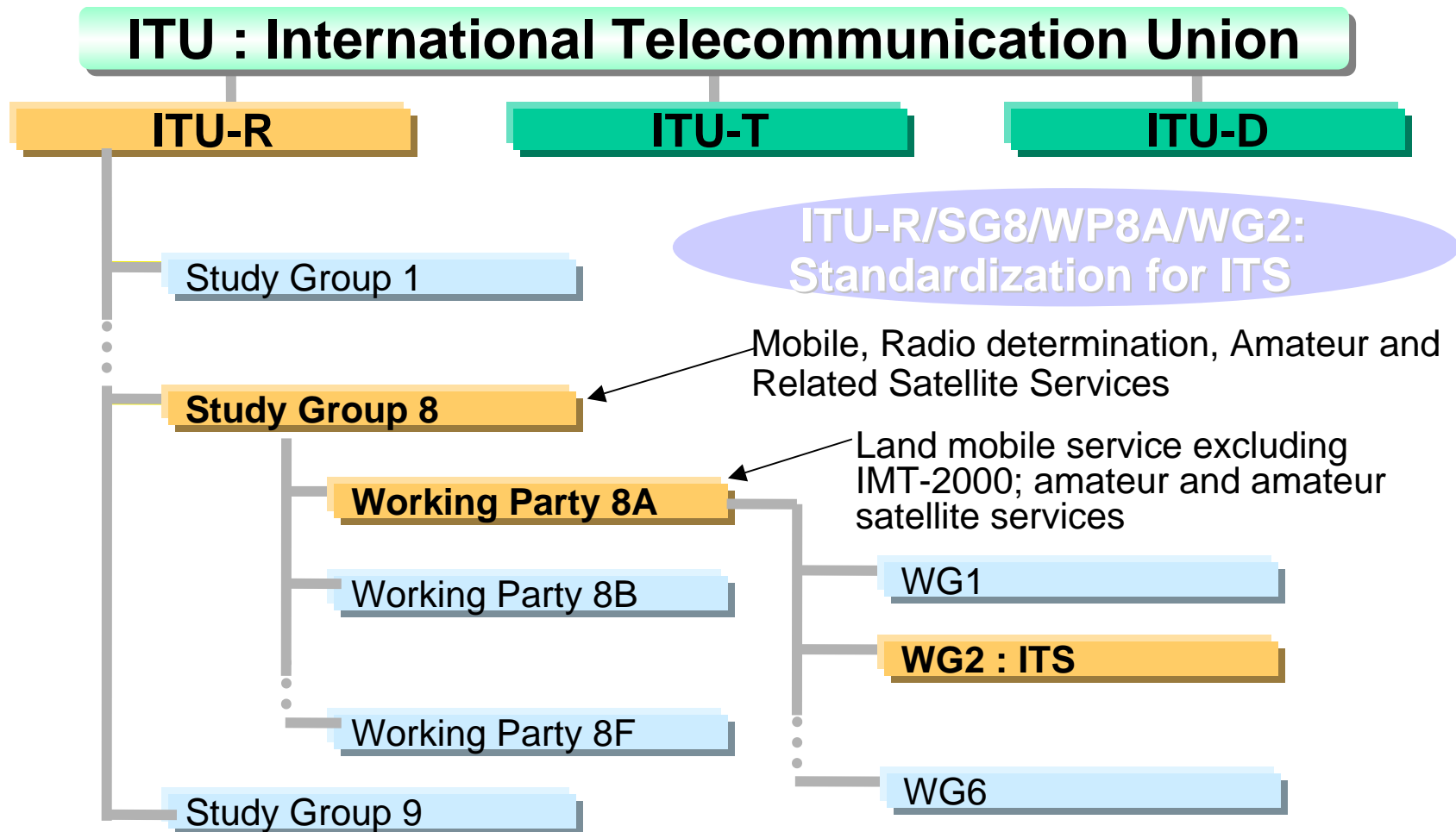
**DSRC International Task Force**  
ITS Info-communications Forum  
Japan

# Contents

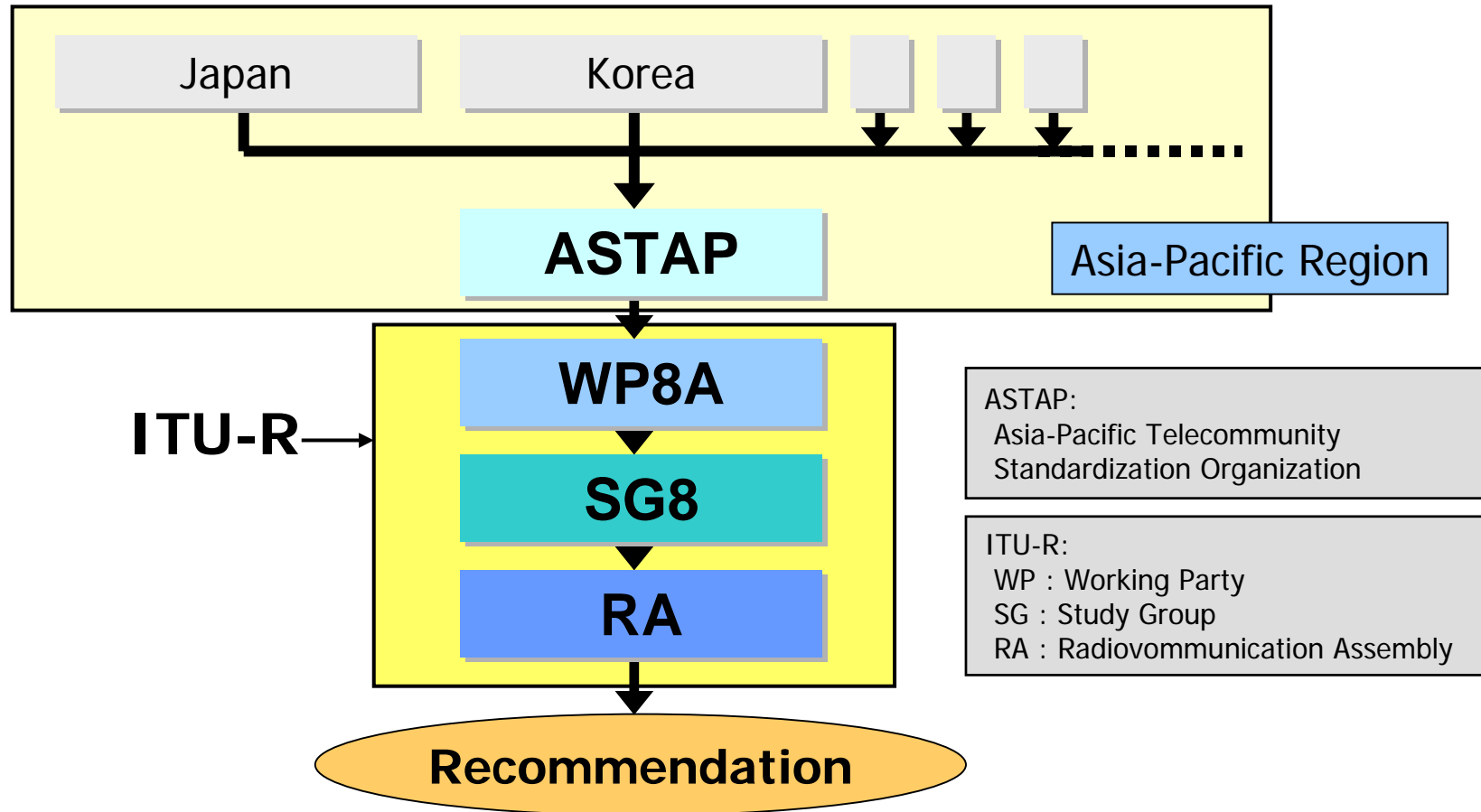
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- Organizations
  - ITU-R
  - ASTAP
  - ITS Info-communications Forum
- ITS Standardization in ITU-R
- WRC-03
- IEEE 802.11
- ITS related events in ITU-R and ASTAP

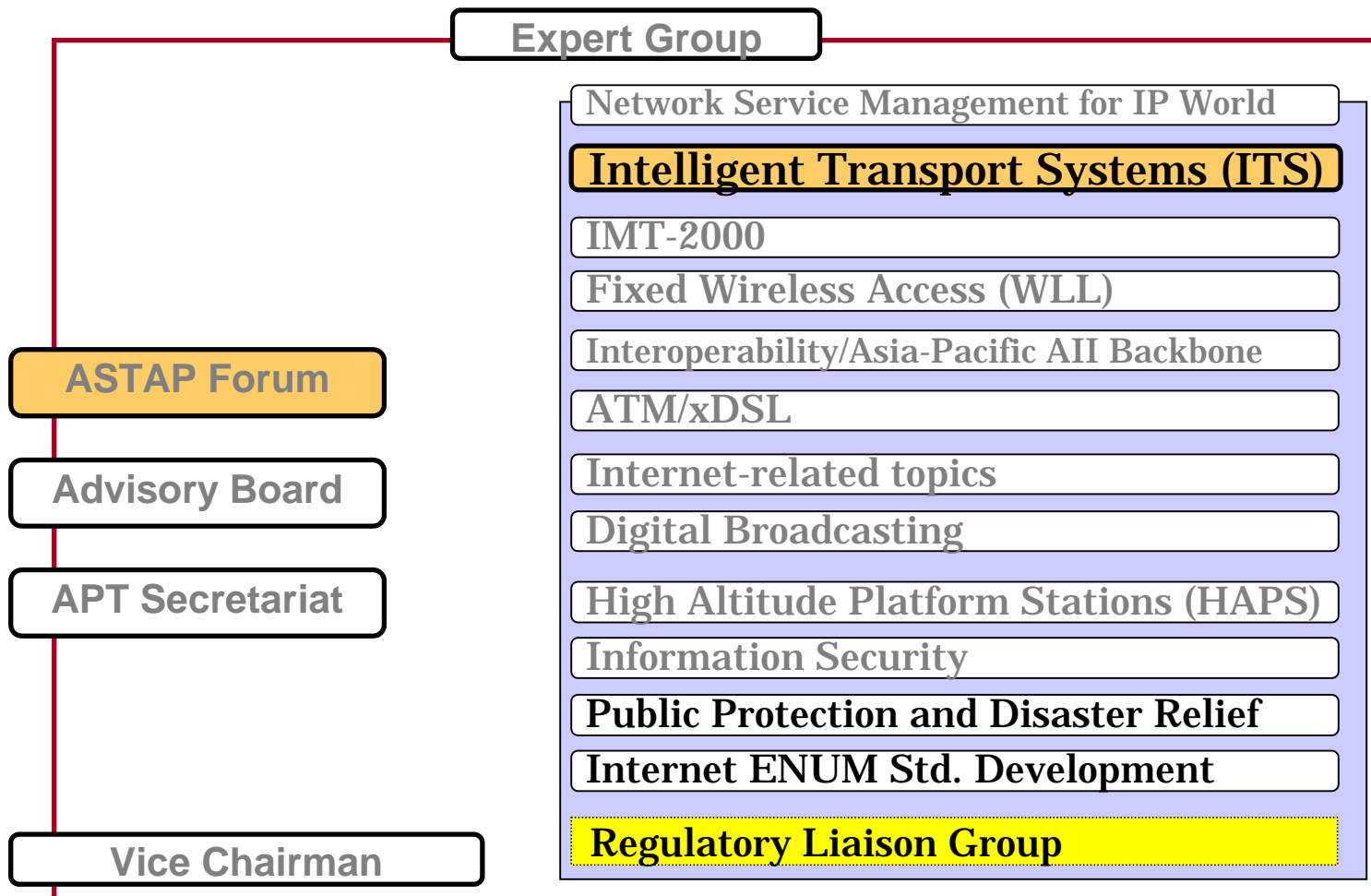
# ITU-R Organization



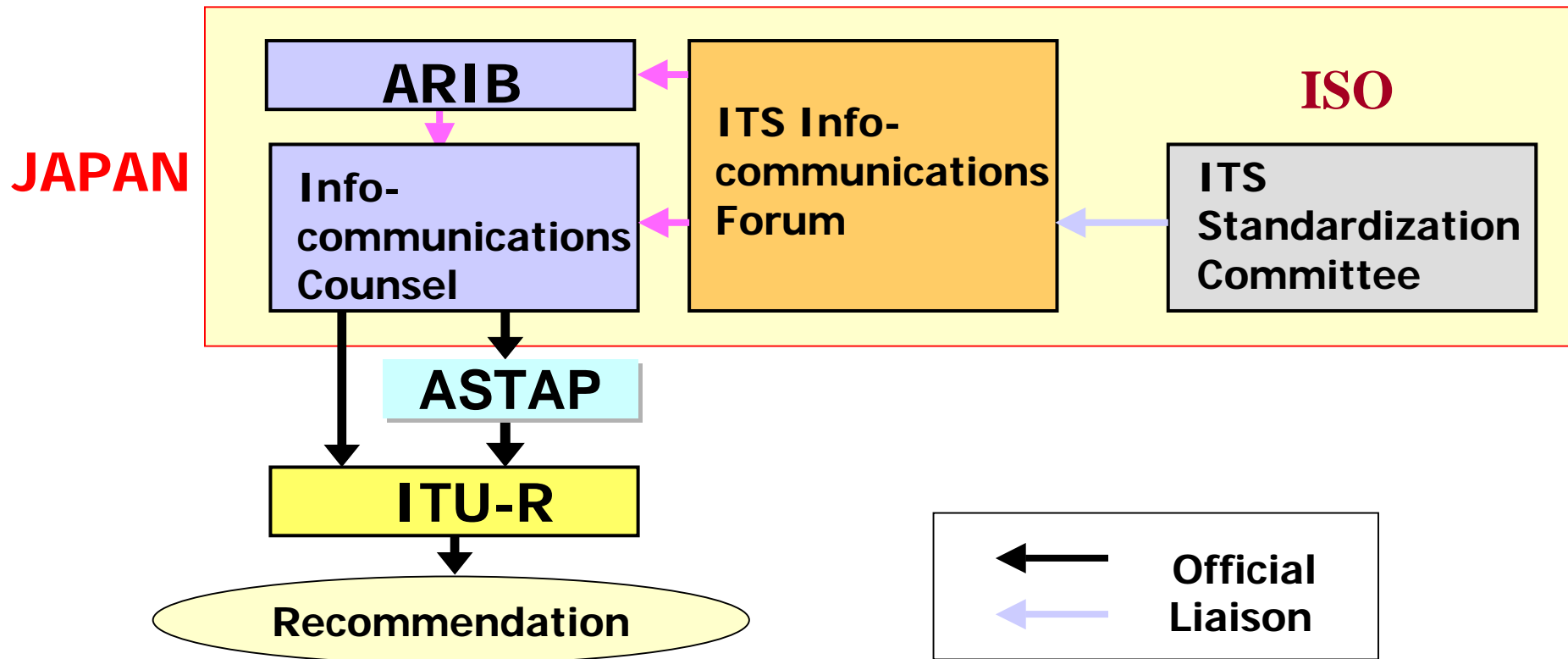
# ITU and ASTAP



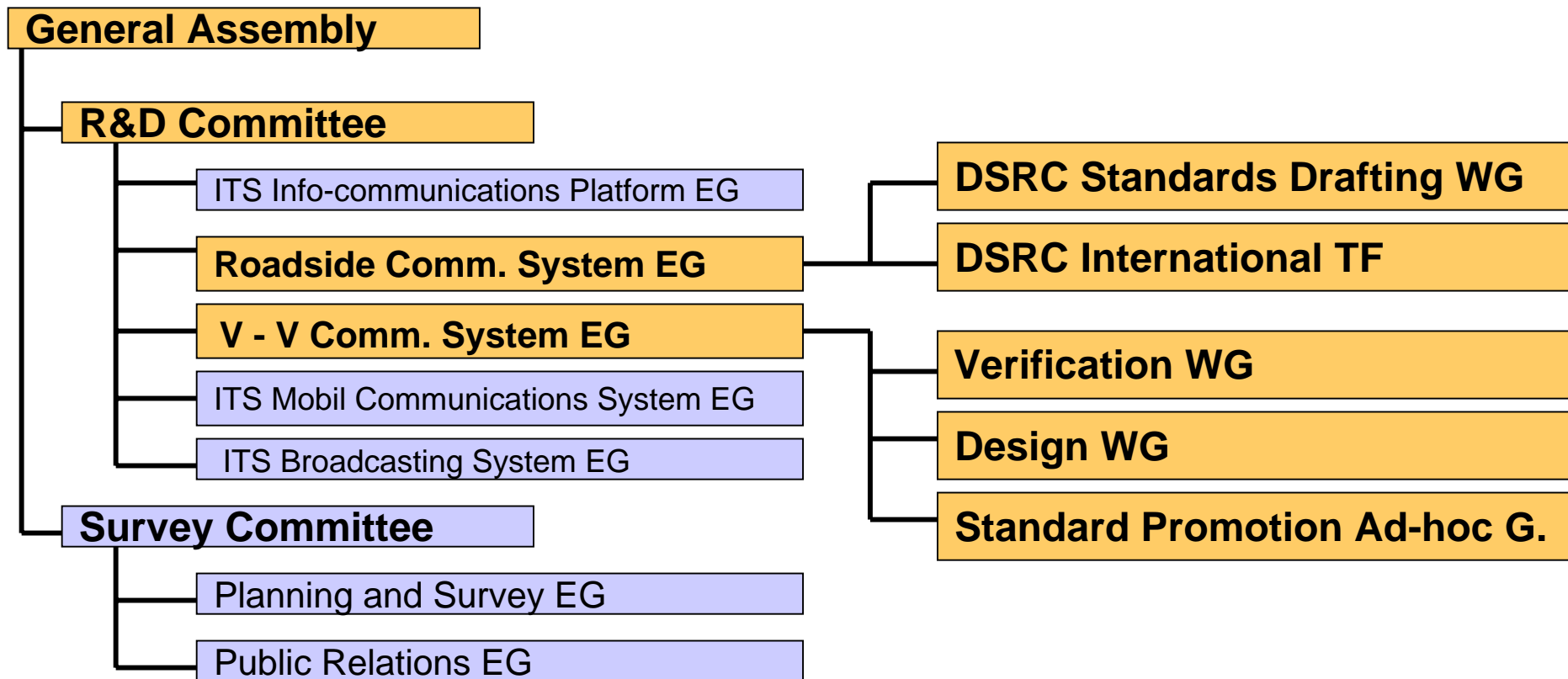
# ASTAP Organization



# ITU, ASTAP and Japan



# ITS Info-communications Forum



# ITU-R SG8 WP8A

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## 1. Revision of the Recommendation M.1453 "DSRC at 5.8GHz"

August 2002, Radiocommunications Assembly  
approved this revision.

## 2. **12th ITU-R/SG8/WP8A**

September 17-23, 2002, ITU(Geneva)

- From ASTAP/ITS-EG, Dr.JT Oh (Hansung Univ., Korea)
- Discussion on "The next Generation ITS Radiocommunications".

## 3. **ITU-R/SG8/WP8A/WG2 Meeting in Seoul**

November 8, 2002, (KT R & D Center)

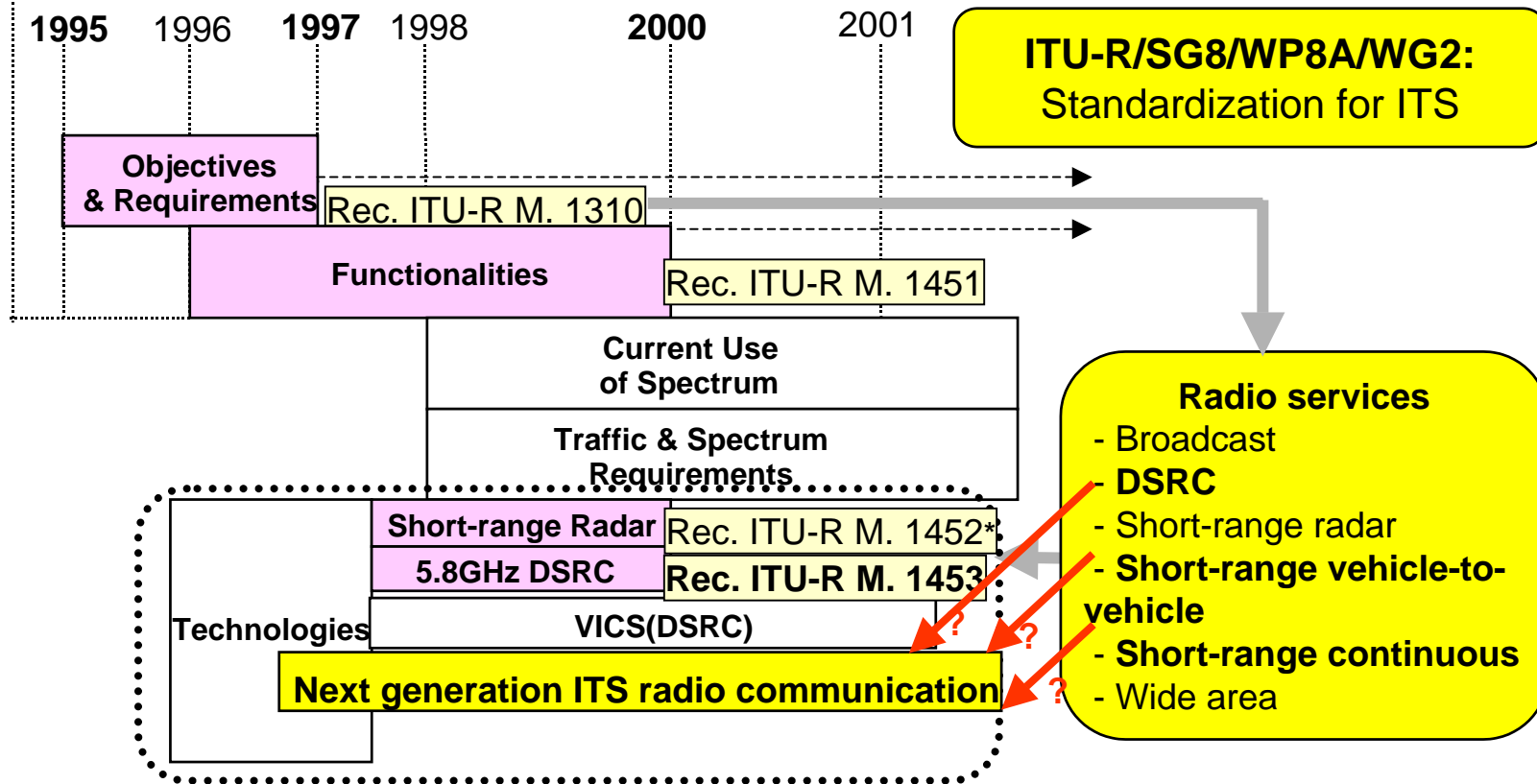
- 12 Experts from U.S., Korea and Japan.
- Discussion on "The next Generation ITS Radiocommunications".



# ITS Standardization in ITU-R

**“What is the next generation ITS radio communication?”**

1994, Question on ITS → Recommendations (Answers to the Question)



\* Rec. ITU-R M. 1453, Revised in 2002.

# ITU Work Item

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## 1 . TICS for Land Mobile Handbook(LMH)

- Contents: Vol.3 of the LMH.

## 2. Next generation ITS Radiocommunications at 5.8/5.9GHz

- Contents: Radio communications for multiple ITS applications in addition to existing applications, such as ETC.
- Status: Started in October 2000.

# WRC-03

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## June 9-July 4, 2003, ITU(Geneva)

- Canada proposed to allocate 5,850 to 5,925MHz as global ITS Spectrum.

**MOD CAN/43/34**

**Proposal**

to consider identification of globally harmonized spectrum in the band 5 850-5 925 MHz to support applications in the Intelligent Transportation Systems (ITS)

- After the discussions, Canada has withdrawn the proposal.

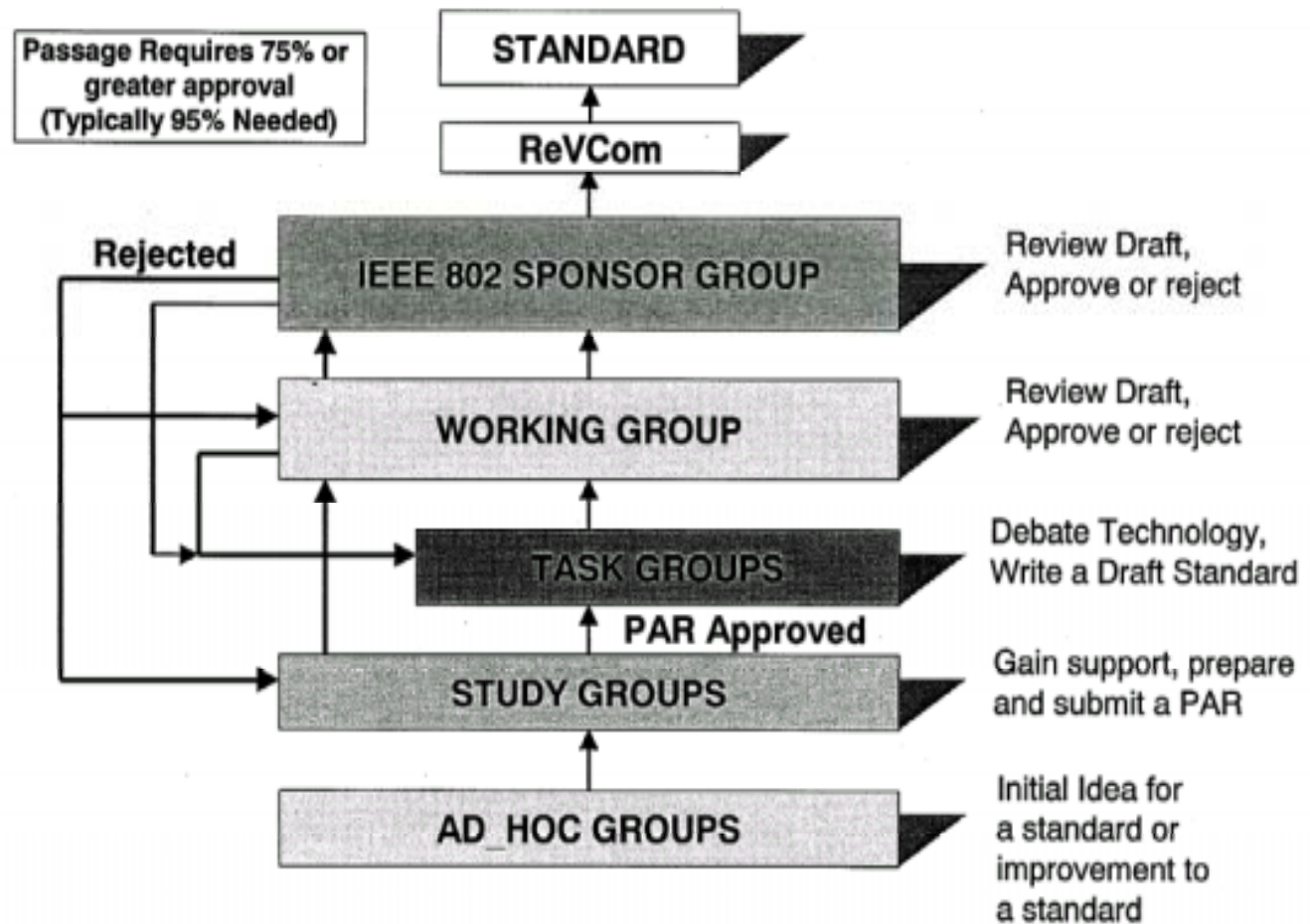
# IEEE 802.11

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1. July 2003, IEEE 802.11 Plenary Meeting has adopted a proposal to establish a [Study Group \(SG\)](#) on North American DSRC standard called ASTM E2213.
2. September 15 to 19, 2003 in Singapore, DSRC SG will discuss on PAR(Project Authorization Request) toward establishing a new [TG](#) on DSRC.
3. June or July, 2004 will be earliest time frame to complete this transfer process.

# IEEE 802: Standardization Process

JULY 2003 →



# ITS related events in ITU-R & Asia-Pacific

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## **6<sup>th</sup> Asia-Pacific ITS Forum**

- October 6-9, 2003, Taipei

## **14<sup>th</sup> ITU-R SG8 WP8A**

- November 27 to December 2, 2003, Geneva

## **New Technology Seminar by ITU-R SG8 WP8A**

- December 3, 2003, Geneva

## **4<sup>th</sup> ITST 2004**

- July 8-9, 2004, Singapore

## **15<sup>th</sup> ITU-R SG8 WP8A**

- September 8-15, 2004. Geneva

## **11<sup>th</sup> ITS World Congress**

- October 18-22, 2004, Nagoya

# Conclusion

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- ITS Radiocommunications standardization is important.
- Need to participate for ITU-R, ISO, IEEE and ASTAP, in addition to ARIB and ITS Info-communications Forum in Japan.

# Contact

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Sam Oyama

Hitachi

E-mail: [oyama@tsji.hitachi.co.jp](mailto:oyama@tsji.hitachi.co.jp)

P: +81-3-5295-1367