

# The updates on TTA activities since June 2002

2nd CJK Standard Information Exchange Meeting  
7 November 2002, Tokyo, Japan

Hong Won Kim  
Director, International Cooperation

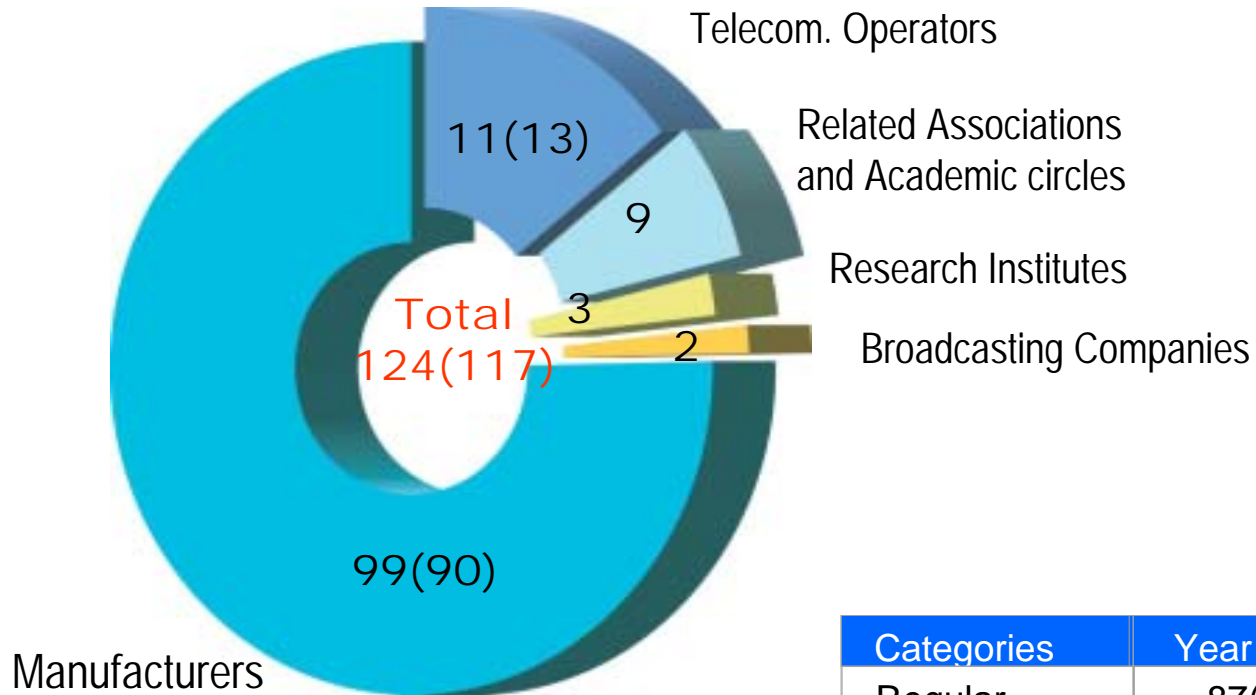


Telecommunications Technology Association

- General Status of TTA
  - Memberships, TA Organ, Standardization Work Items, Status of established TTA Standards, etc.
- International standardization activities
  - MESA project, GTSC/GRSC
- Domestic standardization activities
  - High interest items, New document type, Video conference, Collaboration with domestic fora
- IT Teting and Certification services
  - IT testing & certification serves,
  - External relations,
  - What happened in Open Lab

# Status of TTA Membership

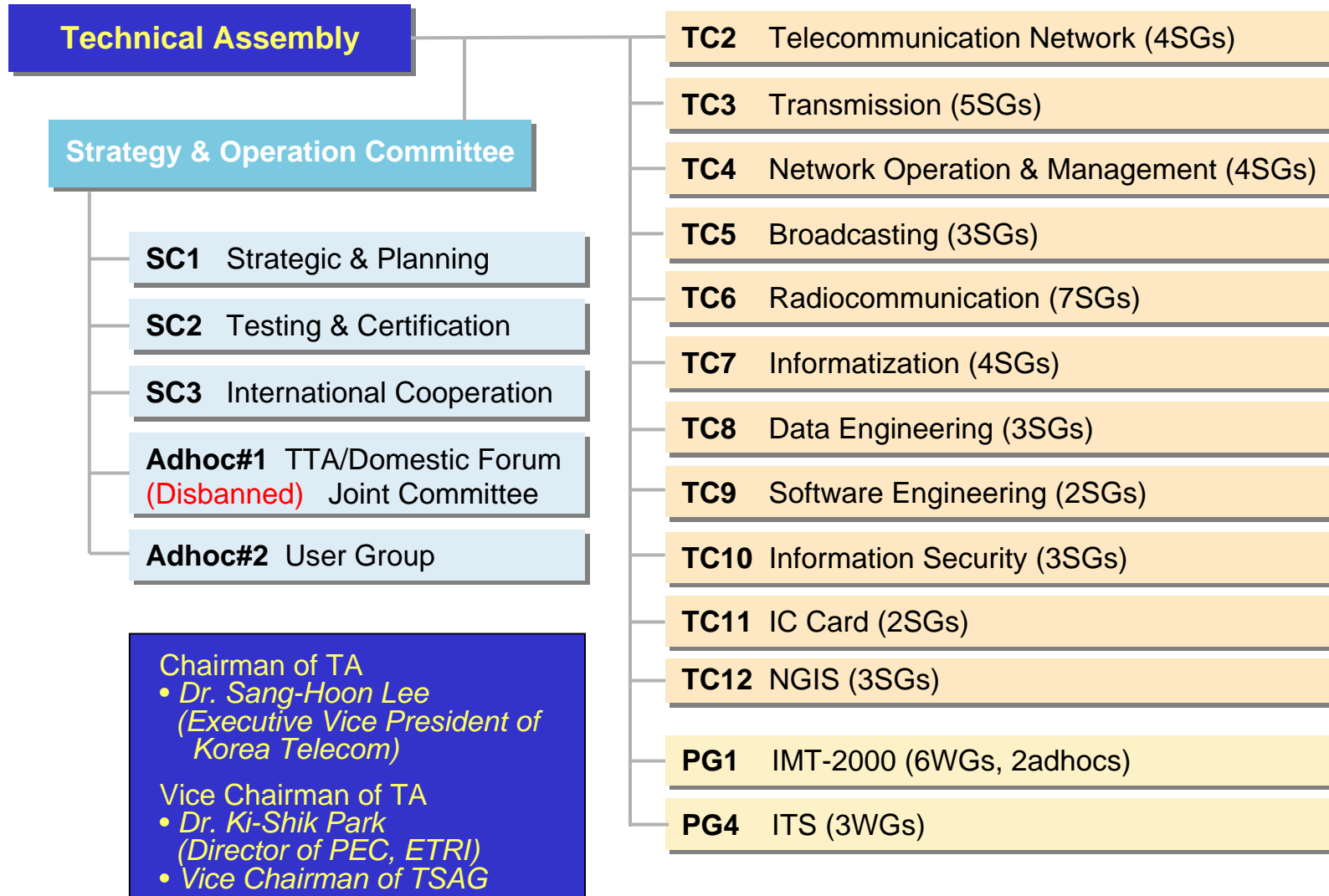
As of October, 2002



Categories	Year 2002
Regular	87(88)
Observer	10
Cooperative	7
Associate	20(12)
<b>Total</b>	<b>124(117)</b>

# Standardization Organization

Technical Assembly, Technical Committees, Project Groups





# Standardization Work Items

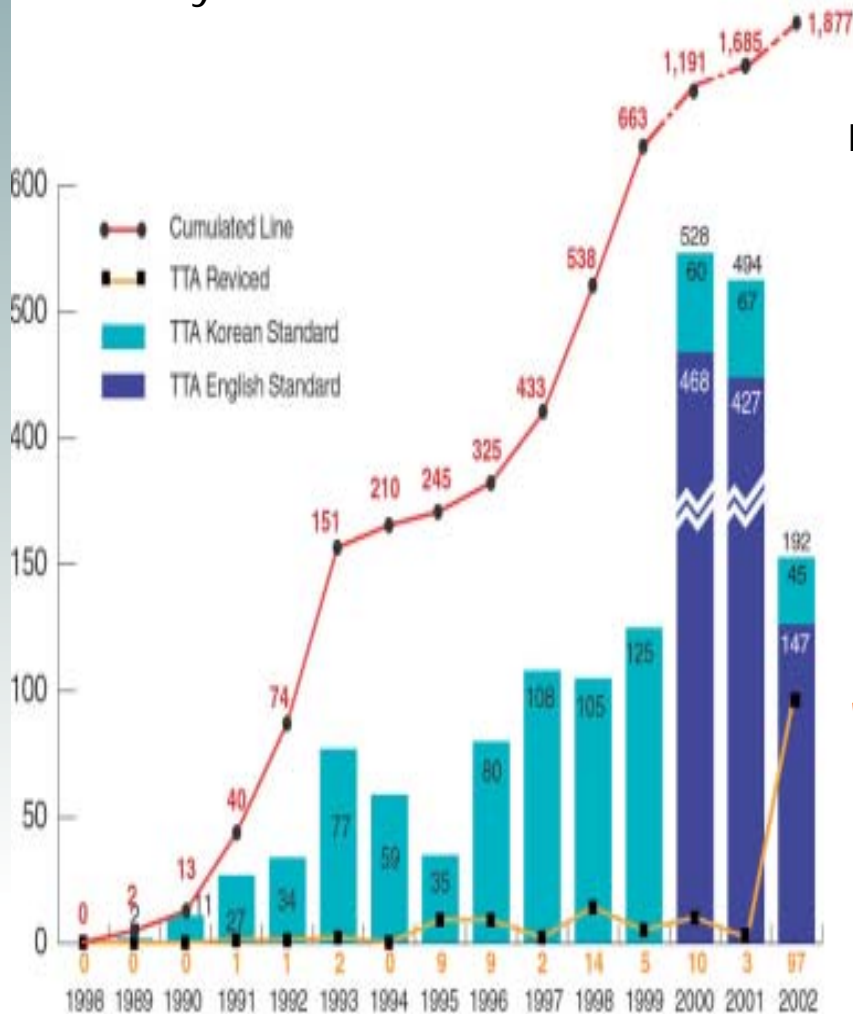
Number of Work Items assigned to Technical Committees, Project Groups

Areas	No. of Items
SC2 Testing and Certification	6(4)
TC2 Telecommunication Network	108(98)
TC3 Transmission	43(40)
TC4 Network Operation & Management	8
TC5 Broadcasting	11
TC6 Radiocommunication	34(22)
TC7 Infomatization	(130)110
TC8 Data Engineering	13
TC9 Software Engineering	23(36)
TC10 Information Security	28(34)
TC11 IC Card	21(20)
TC12 NGIS	21
PG1 IMT -2000	737(529)
PG4 ITS	14
<b>Total</b>	<b>(1,197)960</b>

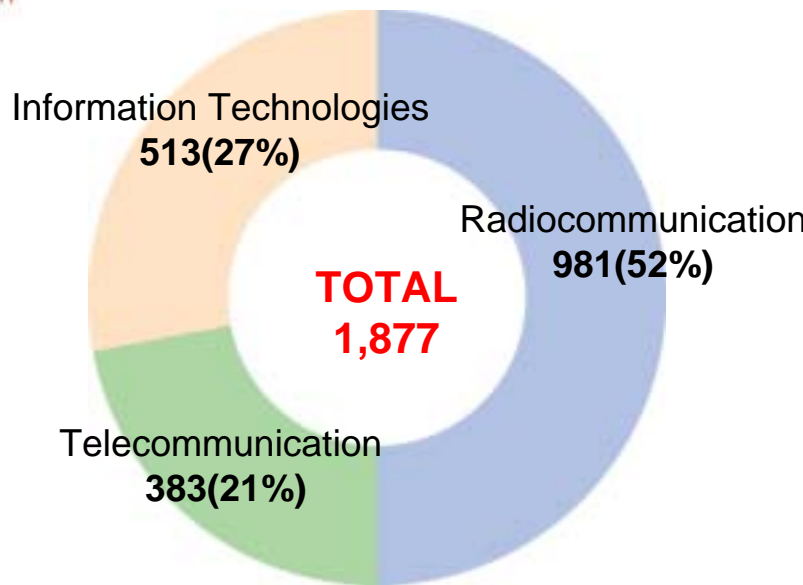
# Status of Established TTA Standards

As of October, 2002

## Yearly Status



## Classified by Areas



## Total Accomplishment

- Standards [Revised] 1, 877[15%]
- Technical Reports 10
- Guidelines 2

- GTSC/GRSC
  - To collaborate in high interested standardization area among; ACIF, ARIB, committeeT1, ETSI, TIA, TSACC, TTA, and TTC
  - Next meeting will be held April 27-May 1, 2003 in Ottawa, Canada, invited by TSACC
  - TTA provided new contact persons
  
- MESA Project - Mobility for Emergency & Safety Applications
  - ITU WRC-2000 – Public protection & disaster relief (Agenda 1.3)
  - Standardization in Narrow & Broadband (MESA: ETSI<->TIA)
  - MESA Members – OP(2), IM(28), PSM(19)
  - TTA attended as Observer in Copenhagen meeting (Sep 2002)
  - Future plan

# Domestic Standardization

- High interested area
  - “NGN Task group” under TC02 launched in Dec. 2001
  - Secretariat support to 2<sup>nd</sup> CDMA Global roaming symposium (Nov 4-5, 2002 in Seoul)
  - 4G
    - Participating 4G Vision committee of Mobile comm (Feb 2002)
    - To establish “Vision group” under PG01
  
- New Document type - Technical specification (for 3GPP/3GPP2)
  - SC-Strategic & Planning proposed
  - The proposal will be sent to TA for approval



- Electronic meeting - Video conference using TTA web
- Closer cooperation with domestic fora
  - 2<sup>nd</sup> Joint workshop between TTA/TC and for a in Oct 10, 2002
    - to avoid duplicated work (mapping between TTA/TC and Forum)
    - closer cooperation (cross participating in the meetings)
  - 29 fora : Internet, eCommerce, Multimedia, Network & transmission, Software, Information, D-contents, etc.

# IT Testing and Certification Services

Launched since December 2001

## ● Objectives

- *Maximizing the practical use of Standard(s)*
- Securing Compatibility, Interconnectivity, Interoperability, and the quality of the IT products, etc.

## ● Major Activities

- Provide IT Testing, Certification Services, Open Testing Lab

## ● Testing & Certification Service Area

- Network Equipments (Ethernet, ATM, Router, WLAN, ADSL, VoIP, Bluetooth, Mobile Phone Charger, etc)
- Software (Component, Mobile, Embedded, Web-based S/W, etc)
- Digital Broadcasting Equipments (DVB-MHP, ATSC-DASE, Digital TV, etc)
- Mobile Communication (CDMA, PCS, GSM/GPRS, IMT-2000(3GPPs))

## ● Open Testing Lab Service

- To provide the testing environment for Network Equipment testing (Ethernet, ATM, MPLS, IPv6, VoIP, ADSL, etc.)
- To lease the testing equipments and reference equipment



## ● Partnership

- The Tolly Group (USA) (Network Area)
- VeriTest (USA) (S/W Area)
- Provides joint testing service and Issues Joint-Certification Logo

## ● Co-operation with related Organizations

- CDG in the Cellular Phone sector
- WECA for wireless LAN testing (Wi-Fi certification)
- TUV Rheinland and CETECOM for BQTF Establishment
- CableLabs for Digital Cable TV

- **Testing Services (As of 1<sup>st</sup> of October)**

- 152 Testings in Network Area
- 62 Testings in Software Area
- 6 Testings in Digital Broadcasting Area
  - \*\*\* setting up Opencable test bed

- **Certification Services (As of 1<sup>st</sup> of October)**

- 8 Certifications in Network Area
- 23 Certifications in Software Area
- 1 Certification in Digital Broadcasting Area

- **Services**

- To help the manufacturers debug their new products
- To provide the testing tools and reference equipment
- To organize the Interoperability testing event (ION)

- **Interoperability Testing Event - ION2002 (Interoperable Open Network)**

- SIP based VoIP System, defined in RFC2543 (July, 2002)
- H.323 based VoIP System, defined in H.323 V3, V4 (July, 2002)
- WIPI System & Services, IOP test for platform solution, platform certification solution and contents (Sep, 2002)
- IPv6 System & Services, IOP test among products defined functions in IPv6 Core Spec

## ● Interoperability Testing Event - ION2002 (Planned)

- MHP Data broadcasting system, IOP test among products, Set-top box(middle ware), DSM-CC server, Applications, etc (Nov, 2002)
- VPN System (Nov, 2002)
- SIP based VoIP System (Jan, 2003)
- MGCP/Megaco based VoIP System (Mar, 2003)
- IPv6 System & Service – International event (May, 2003)

## ● International Cooperation

- *Cooperation with ETSI in Plugtest event (IPv6 in 2003)*
- *Provide leadership in at ASTAP IOP WG activity*
- *Cooperation among CJK*

Thanks for your attention !



**Let's do standardization ...**

Information Sharing,

Cooperation,

Collaborate!