

# **TTC Activities Update**

November 2002

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**The Telecommunication Technology Committee**

# Topics

- Recent status of TTC (membership, organization, standard development, etc.)
- International collaborations
- Recent topics

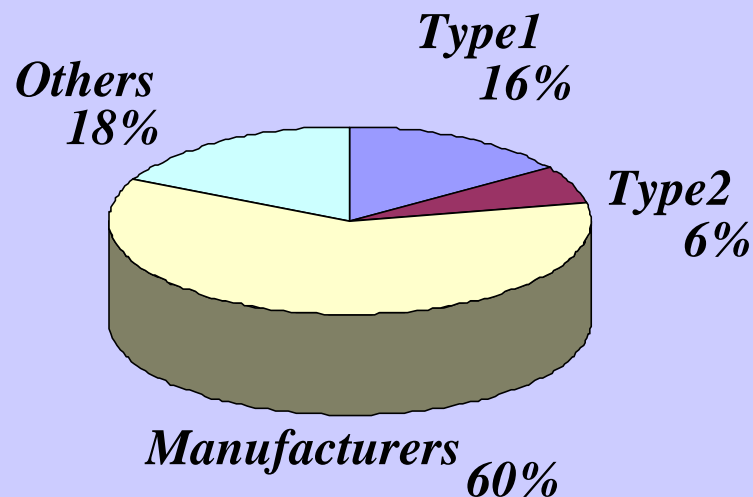
# TTC Membership

(1) Total number of Members : **141 (138\*)**  
(including **22** foreign capital companies)

- Type 1 Telecommunications carriers : 22 (22\*)
- Type 2 Telecommunications carriers : **9 (5\*)**
- Manufacturers : 85 (86\*)
- Users and others : 25(25\*)

Total UoC 592 (614\*)

(\*) previous CJK meeting time



(2) The number of committee experts: **2,106** (as of October 2002)

## Approach to Reviewing

- Extensively review the way Technical Committees and other groups are organized.
- Organize Technical Committees and other groups in such a way that they can swiftly catch up with changing times.
  - Top-down functions
  - Simple hierarchical structures
- Allow for committee activities linked with those of the GSC, NGN, and others.

## Present Configuration

Technical Assembly  
(TA)

Coordination  
Committee

The Number of Working Groups: 30

Strategic Research and Planning  
Committee (3)

Technical Committee 1  
(Network-Network Interface) (4)

Technical Committee 2  
(User-Network Interface) (5)

Technical Committee 3  
(PBX, LAN) (2)

Technical Committee 4  
(High Layer Protocol) (8)

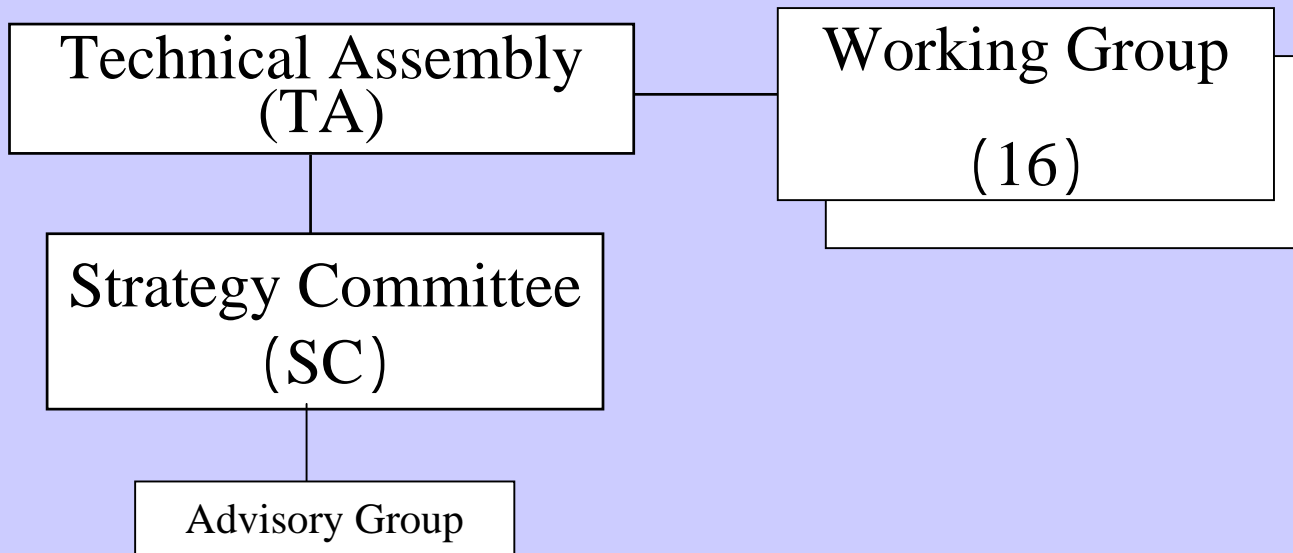
Technical Committee 5  
(Multimedia Service Systems and  
Coding Scheme) (3)

Technical Committee 6  
(Mobile Communications) (5)

## Schedule for Reform

First half of fiscal 2002	Second half of fiscal 2002	Fiscal 2003
<p>&lt;1&gt; Abolishing or merging Working Groups</p> <p>▼ Technical Assembly</p>		
<p>&lt;2&gt; Reviewing the rules and procedures</p>	<p>▼ Technical Assembly</p>	
<p>Finalizing reform plan</p>	<p>Establish the SC, and abolish the Technical Committees and Coordination Committee.</p>	

## New Configuration



# Development of TTC Standards (1)

(April 2002 through September 2002)

	<u>New</u>	<u>Revisions</u>	<u>Withdrawn</u>	<b>Total</b> will be in force
<b>JT</b> standards	8	23	0	326
<b>JS</b> standards	0	0	0	32
<b>JJ</b> standards	1	1	0	31
<b>JF</b> standards	0	0	0	15
<b>JP</b> standards	0	0	0	179
(Total all categories)				<b>583</b>

JT: based on an ITU-T Recommendation

JS: based on an ISO Standard

JJ: TTC Original

JF: based on specifications globally recognized by international forums

JP: in cooperation with or by other regional standard organization



## Newly Adopted Standards

No.	Title	Area
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### New

JT-K48	EMC Requirements for each Telecommunication Network Equipment	ISDN User-Network Interface
JT-I366.1	Segmentation and Reassembly Service Specific Convergence Sub layer for the AAL type 2	B-ISDN
JT-Y1541	Internet Protocol Communication Service - IP Performance Objectives	B-ISDN
JJ-20.24	Private Integrated Services Network (PISN)-Signaling protocols for IP-based connections as Inter-PINX Connections	P B X
JT-450.10	Call offer supplementary service for JT-H323	L A N
JT-450.11	Call intrusion supplementary service for JT-H323	L A N
JT-M3200	TMN management services and telecommunications managed areas: overview	Network Management
JT-G992.1	Asymmetrical Digital Subscriber Line(ADSL) transceivers Recommendations	DSL
JT-Q1751	Internetwork signaling requirements for IMT-2000 capability set 1	Mobile Communication

# Development of TTC Standards (2)

In Approval Process at 39<sup>th</sup> Technical Assemblies

	<u>New</u>	<u>Revisions</u>	<u>Withdrawn</u>	<b>Total</b> will be in force
<b>JT</b> standards	3	7	0	329
<b>JS</b> standards	0	0	0	32
<b>JJ</b> standards	0	1	0	31
<b>JF</b> standards	1	0	0	16
<b>JP</b> standards	0	0	2	177
(Total all categories)				<b>585</b>

JT: based on an ITU-T Recommendation

JS: based on an ISO Standard

JJ: TTC Original

JF: based on specifications globally recognized by international forums

**JP**: in cooperation with or by other regional standard organization

## Adoption Proposed Standards

No.	Title	Area
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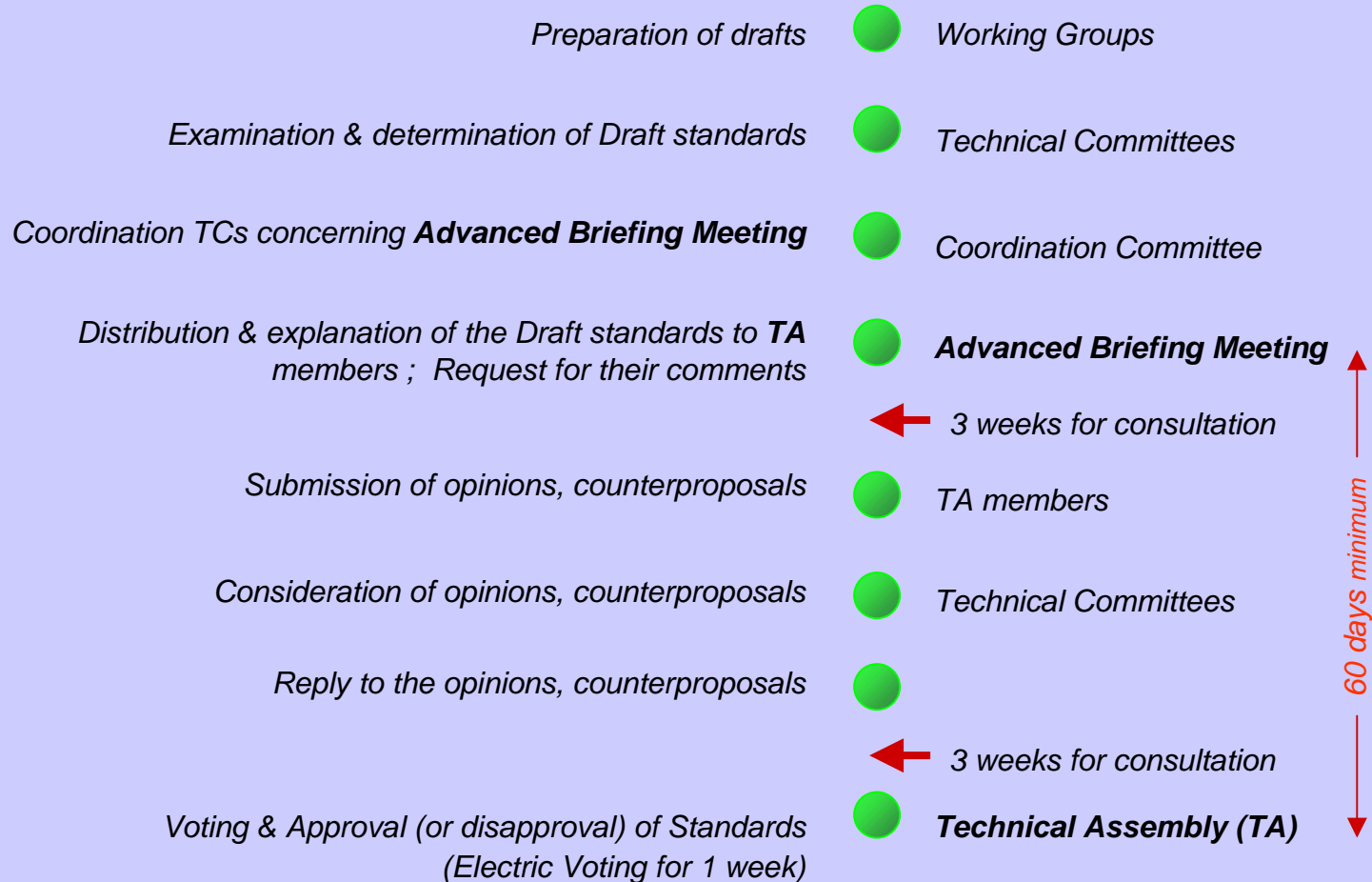
### New

JT-H248.1	Media Gateway Control Protocol (MEGACO)	IP signaling
JT-450.12	Common Information Additional Network Feature for JT-H323	LAN
JF-IR009.10	Point and Shoot Profile with Test Specification	Infrared Communications
JT-G722.2	Wideband coding of speech at around 16 kbit/s using adaptive multi-rate wideband (AMR-WB)	Voice Coding

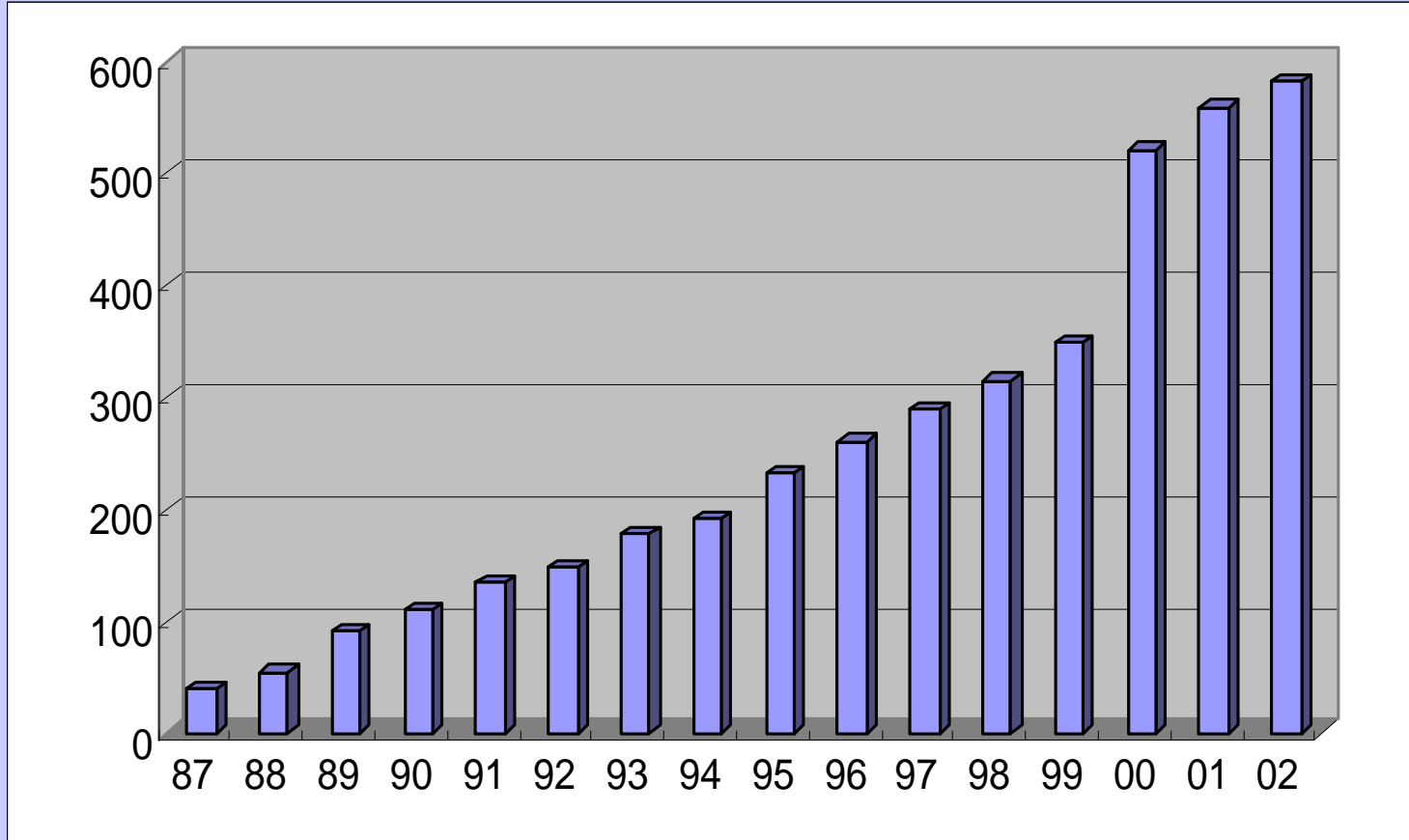
### Withdrawn

JP-3GA-22.043(R99)	Support of Localised Service Area(SoLSA); Service description; Stage 1	Mobile Communication
JP-3GA-23.073(R99)	Support of Localised Service Area(SoLSA); Service description; Stage 2	Mobile Communication

# Procedure for Standards Development



# Yearly Increase of TTC Standards in Force



Note: Figures are the number of TTC standards (all categories) in force at the end of each fiscal year (March 31).

# International Collaboration (1)

## (1) ITU

- **TTC was qualified for Recommendation A.6 & A.5 compliance in Nov. 1999 by ITU-T.**

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

- **TTC representative participating in TSAG meetings**

Next meeting: 24 – 28 February 2003, Geneva

# International Collaboration(2)

## (2) Global Standards Collaboration (GSC)

- promote further informal linkage among the national, regional and international standards bodies in support of the work of the ITU.
- ETSI, T1, TTC; ACIF, TSACC, TIA, TTA, ITU
- **Next meeting: GSC 8 April 27 – May 1, 2003 Ottawa; TSACC**
- **Provided contact persons**

## (3) Forum/Consortium

- ATM Forum
- IETF : July Yokohama

# Recent Topics (3)

## Forum study :

updated list <http://www.ttc.or.jp/j/forum/forum.html>

Report [http://www.ttc.or.jp/e/committee/srpc/forum/pdf/body8\\_e.pdf](http://www.ttc.or.jp/e/committee/srpc/forum/pdf/body8_e.pdf)

### New Forums for Study

EFMA	Ethernet in the First Mile Alliance	<a href="http://www.efmalliance.org/">http://www.efmalliance.org/</a>
OMA	Open Mobile Alliance	<a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
T-E	T-Engine	<a href="http://www.t-engine.org/ja/">http://www.t-engine.org/ja/</a>
GGF	Global Grid Forum	<a href="http://www.gridforum.org/">http://www.gridforum.org/</a>
LAP	Liberty Alliance Project	<a href="http://www.projectliberty.org">http://www.projectliberty.org</a>
OASIS	Organization for the Advancement of Structured Information Standards	<a href="http://www.oasis-open.org/">http://www.oasis-open.org/</a>
Auto ID	Auto-id Center	<a href="http://www.autoidcenter.org/main.asp/">http://www.autoidcenter.org/main.asp/</a>
Ubiquitous Networking Forum		Under construction



# Recent Topics (1)

## ◆ NGN Study

- Survey and Study of Standardization Trends in the World on NGN
- Participation to the relevant conferences:
  - ETSI: TIPHONE#28 (June/Brugge), #30 (October/Atlanta)
  - ITU-T: SG13 (October – November/Geneva),  
Workshop on IP/Optical (July/Chitose)
  - T1 : Summit on Signaling for VoIP (August/Washington DC)
  - Others: INET2002 (June/Washington DC)

## ◆ Study for Standard Database

## ◆ TTC Seminar #52      Signaling Protocol for VoIP

## Recent Topics (2)

### ◆ Continuation of IMT-2000 related standardization

➤ 3GPP2	SC/OP	Shanghai	August
➤ 3GPP	TSGs/FFG	Biarritz / FR	September
➤ 3GPP	PCG/OP	Vence / FR	October
➤ 3GPP2SC/OP/TSG		Sapporo	October ~ November

### ◆ TTC Standards Annual Subscription System

- From August 9
- Online download service