

No.0045 //

The 72nd IMT Working Group Meeting of CJK

The CJK IMT Working Group Meeting aims to exchange information and views on international IMT standardization activities in ITU-R, APT, 3GPP, and other organizations among SDOs in China, Korea, and Japan, as well as to work on joint contributions to ITU-R SG5 WP5D.

1. Outline of the meeting

- Date : 8-9 January 2025
- Format : Fuzhou, China (with online participation available)
- Participants : CCSA (40 participants), TTA (13 participants), ARIB (20 participants)

2. Main results

- (1) The results of the 47th WP5D meeting, the 33rd AWG (APT Wireless Group) meeting, and the recent 3GPP meeting were shared, and the participants exchanged views on future study topics.
- (2) Regarding the 48th WP5D meeting scheduled to be held from 4 February, the progress of the preparations in each country was shared, and items for further study and work contents were identified.
- (3) With respect to the preparation of the TPR (Technical Performance Requirements) for the IMT-2030 radio interface, views were exchanged on the definition of each item, and on the clarification of test scenarios and environments.
- (4) For the draft report ITU-R M.[IMT-2030.Eval], which provides guidelines for evaluating wireless interface systems, discussion was held on the document structure, evaluation test configuration, and test method. It was agreed to continue discussions on the possibility of a joint contribution regarding the correspondence between TPR, evaluation methods, and test environments.

- (5) Views were exchanged on the proposed detailed working schedule for the draft new report ITU-R M.[IMT02030.SUBMISSION], which defines submission methods and evaluation criteria. Discussions on the possibility of a joint contribution on this matter will be continued.
- (6) Opinions were exchanged on IMT characteristics in the 15GHz band and protection criteria for IMT base stations, which are relevant to studies on frequency sharing and frequency compatibility, including issues related to Agenda Item 1.7 of WRC-27 concerning terrestrial IMT.
- (7) Discussions were held relating to Agenda Item 1.7 of WRC-27 on the necessity of studying interference from existing services to IMT services.
- (8) Opinions were exchanged associated with Agenda Item 1.13 of WRC-27 on protection criteria for terrestrial IMT base stations and user terminals in direct communication systems between terrestrial user interfaces and satellites.

3. Next meeting schedule

The next CJK IMT Working Group Meeting will be held in Jeju, Korea on 27-28 May 2025.

The Fiscal 2024 General Assembly of XGMF

XGMF (XG Mobile Promotion Forum: <u>https://xgmf.jp/en/overview/</u>) held its Fiscal 2024 General Assembly on 10 March 2025 at the Meiji Kinenkan Hall in Tokyo, attended by 116 participants from 88 organizations (62 participants online). This was the first General Assembry since the integration of 5GMF (The Fifth Generation Mobile Communications Promotion Forum) and B5GPC (Beyond 5G promotion Consortium) into XGMF.

In the opening remarks, co-chair Professor Akihiro Nakao of the University of Tokyo expressed his hope that infrastructure investment would proceed strategically and efficiently while sharing each country's priorities for 5G deployment and 6G promotion.

Mr. Naohiko Ogihara, Director of the Radio Department of the Ministry of Internal Affairs and Communications (MIC), gave a speech as a guest of honor, expressing expectation for 5G to drive the creation and development of businesses and stressing the importance of collaboration with related promotional organization to ensure international competitiveness.

All agenda items - (1) the business report and financial statement for Fiscal Year 2024, (2) the business plan and budget for Fiscal Year 2025, and (3) the list of candidates for officers - were approved as proposed.

Finally, Mr. Takayoshi Kagei, Director of the New-Generation Mobile Communications Office of MIC, gave a presentation titled "Initiatives in Beyond 5G and 'Beyond 5G Ready Showcase' at EXPO 2025".

Symposium to Promote Safe and Secure Radio Usage in Medical Institutions

MIC and EMCC (ElectroMagnetic Compatibility Conference Japan), for which ARIB serves as secretariat, held the "Symposium to Promote Safe and Secure Radio Usage in Medical Institutions" in an on-demand format from 20 February to 14 March 2025.

At the symposium, experts were invited to give lectures on the theme of "Ensuring Wireless Communication Methods at Medical Institutions in Both Normal and Emergency Situations". A panel discussion was also held on "Key Points for Radio Wave Management in Medical Institutions".

There were 1,110 applications for the symposium, with 63% being medical professionals and 18% involved in the manufacture and sale of medical equipment.

1. Greetings from the organizer		Mr. ADACHI Masashi		
		State Minister for Internal		
		Affairs and Communications		
		Dr. FUJINO Yoshiyuki		
		Chairman of EMCC		
2. Lectures				
(1)	Securing communication methods in times of	Dr. SAGISAKA Shogo		
	disaster is directly linked to protecting and saving	Japanese Red Cross Medical		
	lives!	Center		
(2)	Aiming to be a disaster-resistant hospital	Mr. KANEKO Hideo		
	- Initiatives for information sharing -	Emergency and Critical Care		
		Center, Aizawa Hospital		
(3)	The usefulness of indoor communication	Mr. TSUGAWA Toshiyuki		
	environment development through infrastructure	JTOWER Inc.		
	sharing			
(4)	Types of wireless devices used in medical	Ms. NAGASE Kana		
	institutions and their characteristics	Icom Inc.		
3. Panel discussion:				
"Key points for radio wave management in medical institutions"				
Moderators:				
Prof. KANO Takashi				
Jikei University of Health Care Science				
Prof. HANADA Eisuke				
	Saga University			

Panelists: Mr. ATARASHI Hidenao The University of Tokyo Hospital Ms. OHARA Shiho Kanagawa Saiseikai Yokohamashi Tobu Hospital Mr. SAKAI Motohiro Tokyo Women's Medical University Hospital Dr. YOSHIMINE Fumitoshi Japan Municipal Hospital Association

ARIB Seminar on Radio Wave Use "6G - Development in Europe & US - where are we now in 2025?"

The 212th ARIB Seminar on Radio Wave Use was held online on 19 March 2025. Dr. Hendrik Berndt, who served as CTO/CSO of NTT DoCoMo Europe Laboratories for over 10 years, has held important positions including EU research and development project manager, and currently serves as Vice-Chair of the Wireless World Research Forum for Europe, the Middle East and Africa, gave a lecture titled "6G - Development in Europe & US - where are we now in 2025?". Approximately 50 members participated in the lecture and the Q&A session, which covered topics such as the R&D structure for 6G in Europe and the US.

[Outline]

- Europe
 - > European Commission and strategic movements towards 2030
 - 6G Smart Networks and Services JU recent accomplishments
 - > The one European flagship 6G: HEXA-X II
 - > Selected European Member States 6G Initiatives
- \bullet US
 - ▶ US Government pursues 6G global leadership
 - > Next G Alliance Directions and latest proceedings



Dr. Hendrik Berndt

Millimeter-Wave ITS Workshop

The ITS Info-communications Forum (ITS-Forum), for which ARIB acts as secretariat, held the "Millimeter-Wave ITS Workshop" on 14 March 2025 at ARIB in Tokyo, attended by about 40 participants.

Program:

Session	Title	Speaker	
(1)	High-Resolution Image Analysis and	Dr. KIDERA Shouhei	
(1)	Target Identification Technology for	The University of Electro-	
	Millimeter-Wave Vehicle Sensors	Communications	
	Introduction to the characteristics and challenges of millimeter-wave radar		
	imaging, following researches, and current issues and future developments		
	were presented.		
	- innovative millimeter-wave imaging methods using coherent and		
	incoherent integration		
	- human body identification and prediction in non-line-of-sight areas		
	using multiple scattering		
	Sensor Security for Automated Driving	Dr. YOSHIOKA Kentaro	
(2)		Keio University	
	The history of LiDAR sensor Spoofing attacks on automobiles, challenges		
	specific to LiDAR sensor Spoofing attacks, and examples of related research		
	conducted in the speaker's laboratory were presented.		
(\mathbf{a})	Tryal of Terahertz Communication for	Mr. YABUKI Ayumu	
(3)	Vehicles	SoftBank Corp.	
	The use of terahertz waves as a frequency extension for Beyond 5G/6G, their		
	characteristics and challenges, and a trial to establish a terahertz wave		
	communication area along a roadway were presented.		



Scene from the Workshop



Association of Radio Industries and Businesses

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