



No.0048

## CEATEC 2025

CEATEC 2025, one of Japan's largest comprehensive technology exhibitions, was held at Makuhari Messe near Tokyo from 14 to 17 October 2025.

ARIB exhibited in the General Exhibits Area, showcasing its recent activities.

(CEATEC: Combined Exhibition of Advanced Technologies)

CEATEC 2025 was held under the theme:

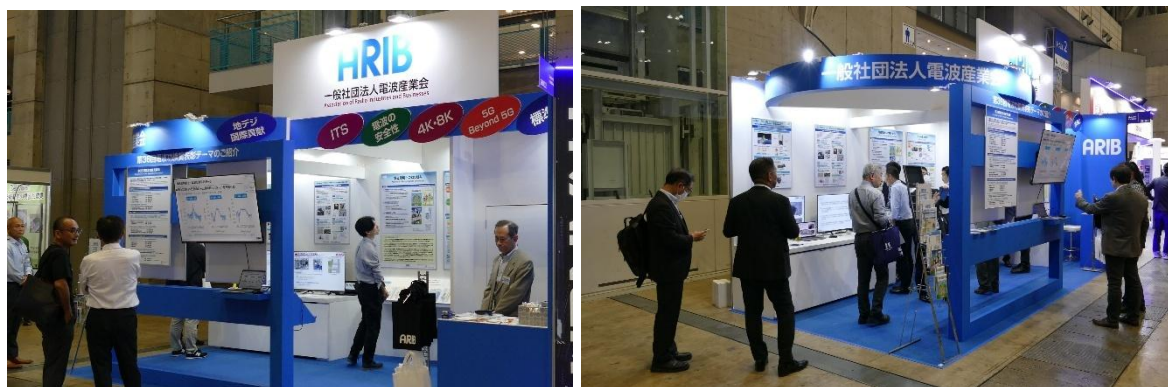
"Realizing Society 5.0 by balancing economic growth and the resolution of social challenges, bringing together people, technologies, and information across all industries to co-create the future."

The exhibition featured 810 companies and organizations and welcomed 98,884 visitors, including representatives from industry, government, research institutions, and students, creating a dynamic and diverse environment.

As a supporting organization, ARIB presented its latest initiatives both on-site and online, highlighting efforts to promote the practical application and widespread use of radio systems and contribute to the advancement of the radio industry.

ARIB also introduced technologies and systems recognized by the Radio Achievement Award, helping visitors gain a deeper understanding of efficient spectrum utilization.

The Radio Achievement Award is presented annually by the Minister for Internal Affairs and Communications and the ARIB President to individuals and organizations that have made outstanding contributions to the effective and appropriate use of radio waves.



ARIB exhibition in CEATEC 2025



Exhibition of the 36th Radio Achievement Award winning technologies

## "5G/6G Special Day II" in CEATEC 2025

During CEATEC 2025, the workshop titled “5G/6G Special Day II” was held on 15 and 16 October 2025 in a hybrid format, both on-site at Makuhari Messe and online, following its inaugural event last year. The event was jointly organized by the Ministry of Internal Affairs and Communications (MIC), the XG Mobile Promotion Forum (XGMF), and ARIB.

The workshop addressed the themes “Evolution and Prospects of 5G and Local 5G” and “Advancement of 5G and the Latest Developments and Prospects for 6G.” Experts from industry, academia, research institutions, and government shared insights on the current status and future direction of mobile communication technologies.

On the first day, sessions focused on the deployment and evolution of 5G and Local 5G, highlighting industrial DX use cases, infrastructure development, and further enhancement of 5G using millimeter-wave technologies.

The second day featured discussions on Beyond 5G/6G, covering global 6G trends, the integration of AI and communications, and strategic perspectives on future 6G development.

Panel discussions provided opportunities for in-depth exchanges on technological, social, and business implications.

The workshop attracted over 1,100 participants on-site, with more than 1,000 viewers joining online, demonstrating strong interest in the future evolution of mobile communication technologies.



Day 1 – " Current Status and Outlook of 5G in Japan and Overseas "



Day 1 – " Promoting Industry DX through 5G and Local 5G "



Day 1 – " Further Advancement of 5G Using Millimeter Waves "



Day 2 – Panel Discussion at the " Perspectives on Beyond 5G / 6G "



Day 2 – Panel Discussion at the " Business Potential Enabled by Communications and AI "



Day 2 – Panel Discussion at the " 6G Strategy "



## 2025 TAIWAN SatCom Summit in Taipei

The XG Mobile Promotion Forum (XGMF) was invited by Taiwan's Institute for Information Industry (III) to participate in the 2025 TAIWAN SatCom Summit, held on 17 October 2025 at the Taipei World Trade Center.

Representing XGMF, Morio Toyoshima, Leader of the NTN Promotion Project at NICT, delivered a keynote presentation. Other speakers included Nario Kanemoto, CEO of Space Shift (Japan), and Marek Ostafil, Co-Founder of SINOTAIC (Polish IoT & AI Cluster). The summit featured active discussions on international satellite communications and next-generation networks.

Prior to the sessions, participants visited satellite-related exhibits at the Taiwan Innotech Expo (TIE) to explore Taiwan's latest technology trends.

During the summit, XGMF and III signed a Memorandum of Understanding (MoU), witnessed by Mr. Lin Chun-Hsiu, Director-General of the Department of Digital Industries, Ministry of Digital Affairs. Mr. Toyoshima represented XGMF at the ceremony.



Video Message from XGMF Co-Chair Nakao



XGMF–III MoU Signing Ceremony

In his keynote titled “Next-Generation Communications and NTN Promotion in Japan,” Mr. Toyoshima outlined Japan's NTN initiatives, including mega-constellation satellites, high-throughput satellites (HTS), satellite IoT use cases, and XGMF's vision toward 2026, featuring hybrid satellite development and the Space Innovation Platform integrating space and 5G.

The summit served as a valuable platform for strengthening international collaboration in satellite communications and exploring new business opportunities through expert exchanges among participants from Japan, Taiwan, and Poland.



Taiwan Innotech Expo  
Exhibition Area



XGMF Mr. Toyoshima's  
Presentation



Panel Discussion Session

## The 125th Standard Assembly

The Standard Assembly of ARIB formulates the basic requirements for radio systems, including standard specifications for radio equipment, as Standard Specifications.

The 125th Standard Assembly was held on 30 October 2025 at the Iino Conference Center in Tokyo. At the meeting, one new standard specification, five revised standard specifications, one new technical document, and five revised technical documents were approved as proposed.

The latest standard specifications and technical documents are available on the ARIB website ([https://www.arib.or.jp/english/std\\_tr/index.html](https://www.arib.or.jp/english/std_tr/index.html)), with English versions being added progressively.



Standard Assembly

## The 19th IT Standards Meeting of CJK in Seoul

The CJK Meeting on Information and Telecommunication Standards was launched in June 2002 through an initiative by ARIB (Japan), CCSA (China), TTA (South Korea), and TTC (Japan) to promote closer cooperation among standards development organizations in Japan, China, and South Korea.

The 19th IT Standards Meeting of CJK was held from 4 to 6 November 2025 at EL Tower in Seoul, South Korea, hosted by TTA. The meeting was attended by delegations from ARIB, CCSA, TTA, and TTC, with a representative from ETSI (Europe) participating as an invited guest. A total of 36 participants attended the meeting.

The agenda included presentations on recent SDO activities and expert development, strategic sessions on 6G/AI, Metaverse/Digital Twin, and Quantum technologies, reports from working groups, and discussions on future collaboration.

At the plenary session, it was reported that the IMT Working Group would continue discussions on whether NTN should be included within its scope. The dissolution of the NSA (Network Service Architecture) Working Group was approved due to the absence of requests for continuation, while the ITS Ad Hoc Group was granted an 18-month extension.

Regarding the proposal to establish a new working group on media, the plenary agreed to set up a Media Ad Hoc Group, initiate work on drafting the Terms of Reference, identify relevant experts, and recommended that each SDO contact the designated liaison at TTA.



Plenary Meeting



Participants

## Exhibition in Inter BEE 2025 by ARIB/DiBEG

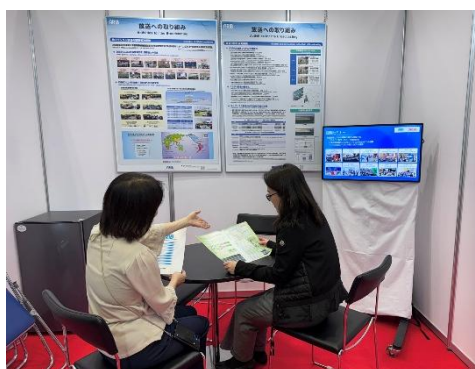
The Inter BEE 2025 (International Broadcast Equipment Exhibition) was held from 19 to 21 November 2025 at Makuhari Messe. ARIB, together with its Digital Broadcasting Experts Group (DiBEG), participated in the exhibition.

The Inter BEE is Japan's largest comprehensive event for broadcasting and media. In 2025, the exhibition attracted 34,072 registered visitors over three days, exceeding the previous year's attendance. A wide range of technologies was showcased, including production and broadcasting equipment, media solutions, audio, and lighting, fostering active exchanges among domestic and international participants.

The event highlighted the accelerating convergence of broadcasting and ICT, with increased exhibits on advanced production workflows, cloud-based operations, IP-based systems, and AI applications, reflecting ongoing industry transformation.

At the ARIB/DiBEG booth, visitors were introduced to the latest developments in broadcasting standards and DiBEG's international activities through on-site explanations and continuously displayed presentation materials.

Key topics included progress toward next-generation terrestrial digital broadcasting, enhancements of STL/TTL/TSL transmission systems, advances in video coding technologies, and DiBEG's global outreach activities, such as the international deployment of ISDB-T and technical cooperation with countries in Latin America and Asia. Visitors also showed strong interest in the future direction of IP-based broadcasting and distribution integration.



ARIB/DiBEG exhibition in Inter BEE 2025



## MSC (Mobility & Safety Communications) Seminar

The ITS Info-communications Forum (ITSF), for which ARIB serves as the secretariat, held the Mobility & Safety Communications (MSC) Seminar on 15 December 2025 at Meiji Kinenkan in Tokyo. The seminar was attended by approximately 90 participants from ITS-related ministries, organizations, and ITSF member companies.

The seminar focused on radiocommunications for Safe Driving Support and Automated Driving Systems, trends of Automated Driving Systems, Initiatives to address social issues and create new values.

Opening remarks were delivered by Mr. Hisashi Onaga, Director-General of the Radio Department, Ministry of Internal Affairs and Communications (MIC).

Sessions covered Japan's radiocommunication infrastructure policies for the automated driving era, automated driving in long-haul transport, global trends toward practical deployment of automated driving, and V2X-related activities by overseas organizations (5GAA, CMC).

The seminar also addressed international standardization trends at ITU-R and exploring new challenges in response to changes in the mobility environment. The event concluded with closing remarks by Dr. Sadao Obana of ITSF.



MSC Seminar



**Association of Radio Industries and Businesses**

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