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**5th Meeting of the Digital Technologies Committee (DTEC5)**

The physical week of the 5th session of the DTEC Committee will take place from 29 September to 03 October 2025 at the IALA HQ in Saint Germain-en-Laye, France. Please note that the Opening Plenary will be held in a hybrid format on Monday, 29 September, starting at 08:00 UTC (10:00 CEST). The Closing Plenary will be held online on Thursday, 09 October 2025, starting at 12:00 UTC (14:00 CEST).

**Agenda**

1. Introduction
   1. Welcome from the Secretary-General Francis Zachariae
   2. Approval of agenda Hideki Noguchi
   3. Apologies Hideki Noguchi
   4. Working arrangements Alisa Nechyporuk
2. Review of action items from last session
   1. Review of action items from DTEC4 Hideki Noguchi
3. Reports from other bodies and initiatives
   1. IALA Minsu Jeon
      1. IALA Council Minsu Jeon
      2. IALA Policy Advisory Panel (PAP) Minsu Jeon
      3. WWA Updates Vincent Denamur
   2. Digital@Sea Minsu Jeon
   3. IHO Minsu Jeon
   4. IMO Hideki Noguchi / Minsu Jeon

3.4.1 MSC

3.4.2 NCSR

* 1. ITU Stefan Bober
  2. IEC Stefan Bober / Jorge Arroyo
  3. ISO Minsu Jeon
  4. ISO-IEC JTC 1 Jin Hyoung Park
  5. RTCM Ross Northswordy / Johnny Schultz
  6. 3GPP Hyounhee Koo
  7. VDES Alliance Stefan Pielmeier

1. Presentations

4.1 MS@MS technology (Buyoung KIM, Dr. Wooseng Shim, KRISO)

4.2 Digitalization of VHF voice communication (KONISHI Takahiko, JCG)

4.3 Sharing of Singapore Maritime Digital Twin Developments (Luthfi Bafana, MPA)

4.4 Presentation on Large Language Models: Applications and Opportunities for VTS

(Dr Zhao Liangbin and Dr Fu Xiuju, MPA)

4.5 Communication Performance Evaluation of VDES in Tokyo Bay (Koichi Nishimura, TST Corporation)

4.6 Overview of the Nelson project (Olli Soininen, Fintraffic)

4.7 MMS/SECOM, MMS/VDES, MCP, and live demonstrations of the MSR and Trust System (Tuesday, 16:00) (Lars Moltsen/Mads Svendsen, Jin Hyoung Park, Thomas Christenen)

4.8 Digital VHF radios (Friday, Closing Plenary) (Jeffrey van Gils)

1. Work programme management
   1. Work Programme, Task Plan, Task Register
   2. Action plan for this session
2. Review of input papers
   1. Introduction of input papers Submitter(s)
   2. Allocation of input papers Hideki Noguchi
3. DTEC5 Working Group programmes and arrangements
   1. WG1 – Digital Information System Axel Hann
   2. WG2 – Emerging Digital Technology Jillian Carson-Jackson
   3. WG3 – Digital Communication System Stefan Pielmeier
4. Break out into Working Groups
5. Reconvene Plenary Session (Friday 03 October, 07:00 – 09:00 UTC, 09:00 – 11:00 CEST)
6. Summary of Working Group reports, documents, and output papers (Plenary Session)
   1. WG1 – Digital Information System Axel Hann
   2. WG2 – Emerging Digital Technology Jillian Carson-Jackson
   3. WG3 – Digital Communication System Stefan Pielmeier
7. DTEC5 Output Review Period
8. Closing Plenary (Thursday 09 October, 12:00 – 14:00 UTC, online)
   1. Review of session report
   2. Review of outcome documents
   3. Date and venue of next meeting
9. Close of the meeting
10. Any other business
11. Summary of output and working papers
    1. Committee-wide
    2. WG1 output
    3. WG2 output
    4. WG3 output
    5. Working papers