 DTEC5-2.1.1

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **□** ENG **□** PAP **X** Input

**X** DTEC **□** VTS **□** Information

Agenda item [[1]](#footnote-2) 2

Technical Domain / Task Number …………………………………

Author(s) / Submitter(s) IALA Secretariat

Action Items from DTEC4

The action items listed below are extracted from the report of DTEC4.

Action Items

Action Items for the IALA Secretariat

1. *The* ***Secretariat*** *is requested to forward the Liaison note to IEC on SECOM OpenAPI specification (DTEC4-15.2.2) and Liaison note to IEC on S-421 schema (DTEC4-15.2.3) to the Council for approval.*
2. *The* ***Secretariat*** *is requested to forward the revised Guideline G1128 on Specification of e-Navigation Technical Services (DTEC4-15.2.4) to the Council for approval.*
3. *The* ***Secretariat*** *is requested to forward the new draft Guideline on the Maritime Service Registry (DTEC4-15.2.5) to the Council for approval.*
4. *The* ***Secretariat*** *is requested to publish the additional files (MSR OpenAPI.json, searcharea. geojson for the MSR guideline / ServiceInstanceSchema.xsd ) of the guideline G1128 on the IALA website.*
5. *The* ***Secretariat*** *is requested to forward the Liaison note on MRN intersessional work (DTEC-15.2.1) to the next session of the ARM committee.*
6. *The* ***Secretariat*** *is requested to forward the working paper DTEC4-15.5.5 related to the development of the MASS Recommendation and MASS Guideline to DTEC5 for further review.*
7. *The* ***Secretariat*** *is requested to forward the draft Guideline on Marine AtoN of IMT-2030 (DTEC4-15.5.2) to DTEC5 for further review.*
8. *The* ***Secretariat*** *is requested to publish the digital version of the MARCOM manual on the IALA website.*
9. *The* ***Secretariat*** *is requested to forward a Liaison note on the Digitalisation in the Scope of IALA (DTEC4-15.3.5) to ARM, VTS, ENG and PAP.*
10. *The* ***Secretariat*** *is requested to forward the working paper on Developing a Discussion Paper on Digitalisation in the Scope of IALA (DTEC4-15.5.6) to DTEC5 for further review.*
11. *The* ***Secretariat*** *is requested to forward a Liaison note on the Digitalisation of Waterways (DTEC4-15.3.6) to the VTS Committee.*
12. *The* ***Secretariat*** *is requested to forward a Liaison note on AtoNs specifically designed to support autonomous navigation (DTEC4-15.3.3) to the ARM Committee.*
13. *The* ***Secretariat*** *is requested to forward the working paper on developing guidance for the digitalization of waterways (DTEC4-15.5.7) to DTEC5 for further review.*
14. *The* ***Secretariat*** *is requested to forward a Liaison note on S-100 Aton Authority Perspective (DTEC4-15.3.4) to ARM and PAP.*
15. *The* ***Secretariat*** *is requested to forward the proposed new task on developing guidance for exchanging GNSS interference data in the updated Work Programme 2025-2027 to the Council for approval as appropriate.*
16. *The* ***Secretariat*** *is requested to forward the Liaison note on the Review of IALA G1153 (DTEC4-15.3.1) to LAP.*
17. *The* ***Secretariat*** *is requested to forward the working paper on G1178 Introduction to AI in the IALA Domain (DTEC4-15.5.3) to DTEC5 for further review.*
18. *The* ***Secretariat*** *is requested to forward a Liaison note on Development of Guidance on the use of simple IoT sensors on physical Aids to Navigation (DTEC4-15.3.2) to ARM for consideration.*
19. *The* ***Secretariat*** *is requested to forward the new draft Guideline on VDES Authentication Techniques (DTEC4-15.4.2) to the**Council for approval.*
20. *The* ***Secretariat*** *is requested to forward the Information paper on VDES (DTEC4-15.4.1) to the Council for approval, and subsequently to IMO MSC according to the applicable MSC information paper input deadline.*
21. *The* ***Secretariat*** *is requested to forward the Draft Guideline on VDES Signal Measurements (DTEC4-15.4.3) to the Council for approval.*

Action Items for Participants

1. ***Japan Coast Guard*** *is requested to submit an input paper to DTEC5 to clarify the operational concept for the proposed new S-200 product specification on disaster management.*
2. ***Committee participants*** *interested in the task DTEC-7.1.15, are requested to contact Cdr Kinji Takeuchi (*[*takeuchi-s98d2@mlit.go.jp*](mailto:takeuchi-s98d2@mlit.go.jp)*) to share their views.*
3. ***Committee participants*** *interested in participating in the intersessional inter-committee meeting should contact Rasmus Madsen Jensen (*[*rmj@dma.dk*](mailto:rmj@dma.dk)*).*
4. ***The committee chair*** *is requested to raise the issue of responsibilities for the development of MRN guidance in the next session of PAP.*
5. ***Committee participants*** *are invited to submit input papers on the development of guidance on the MCP’s decentralised trust system****.***
6. ***Committee participants*** *are invited to submit input papers addressing IALA’s potential role in establishing a certification scheme for MCP instances, as well as strategies for providing an operational instance of the MCP****.***
7. ***Committee participants*** *are invited to join the intersessional task group meeting on the development of guidance on moving from innovation to implementation Guidelines, and contact Ernest Batty (*[*ernie.b@imisglobal.com*](mailto:ernie.b@imisglobal.com)*) on or before 1st May 2025 if they plan to attend.*
8. ***Committee participants*** *are invited to participate in the intersessional task group asynchronous meeting on the development of use cases for maritime in IMT-2030 and contact Hyounhee Koo (*[*koo@synctechno.com*](mailto:koo@synctechno.com)*) on or before 1st May 2025 if they plan to attend.*
9. ***IALA Member States*** *are encouraged to communicate with their delegates participating ITU-R Working Party 5D (WP5D) regarding their national maritime use cases for use of the IMT technologies.*
10. ***IALA Members*** *are asked to review the MARCOM Manual and provide comments, corrections, additions as appropriate using the MARCOM Manual Comment Form located on the IALA File Share.*
11. ***Committee participants*** *are invited to join the intersessional task group meeting on the Discussion Paper on Digitalisation in the Scope of IALA and contact Nicholas Chiew (*[*Nicholas\_chiew@mpa.gov.sg*](mailto:Nicholas_chiew@mpa.gov.sg)*) on or before 14 August 2025 if they plan to attend.*
12. ***Committee participants*** *are invited to join the email correspondence group meeting on S-100 World from a Marine AtoN Authority perspective and contact Jan-Hendrik Oltmann (*[*Jan-hendrik.oltmann@wsv.bund.de*](mailto:Jan-hendrik.oltmann@wsv.bund.de)*) on or before 30th April 2025 if they plan to attend.*
13. ***Committee participants*** *are invited to join the intersessional task group meeting on Digitalisation of Waterways and contact Kaisu Heikonen (*[*kaisu.heikonen@ftia.fi*](mailto:kaisu.heikonen@ftia.fi)*) on or before 1st May 2025 if they plan to attend.*
14. ***VTS committee participants*** *are encouraged to consider attending the online inter-committee drafting meeting to be held 6 Nov. 2025 from 0900-1030 UTC.*
15. ***IALA Members*** *are asked to note the completion of the review of the MS@MS Technology.*
16. ***Committee participants*** *are invited to join the email correspondence group meeting on S-100 World from a Marine AtoN Authority perspective and contact Jan-Hendrik Oltmann (*[*Jan-hendrik.oltmann@wsv.bund.de*](mailto:Jan-hendrik.oltmann@wsv.bund.de)*) on or before 30th April 2025 if they plan to attend.*
17. ***IALA members*** *asked to note the completed review document on Ship Air Draft Remote Measurement Technology.*
18. ***IALA Members*** *are asked to note the completed review document on Qualcomm’s 5G Precise Positioning for Ports.*
19. ***Committee participants*** *interested in contributing to the drafting work on an update of SN.1/Circ.289 are invited to contact Shuaiheng Huai per email to* [*huaishuaiheng@dlmu.edu.cn*](mailto:huaishuaiheng@dlmu.edu.cn)*.*
20. ***Committee participants*** *are invited to submit the consequential updates to R1007 for DTEC5 and to work on a liaison note to IMO regarding the new guideline and the updated R1007 during DTEC5.*
21. ***Committee participants*** *interested in contributing to the work on the new guideline on VDES Authentication are invited to email the task group lead, Jan Safar,* [*jan.safar@gla-rad.org,*](mailto:jan.safar@gla-rad.org) *to join the group.*
22. ***Committee members*** *are invited to support the European proposal at IMO MSC 110 to develop an R-Mode Performance standard.*
23. ***Committee members*** *are invited to participate in the intersessional meeting through correspondence to Koichi Yoshida* [*yoshida@rime.jp*](mailto:yoshida@rime.jp)*.*
24. ***Committee Members*** *are invited to analyze methods to treat overlapping VDE-TER coverage and control station areas (indicated by bulletin board), including the proposed method in MSA-3, comparing the methods and trying to find an effective method balancing complexity in understanding, implementation, testing, training and operations to continue work during DTEC5.*
25. ***Committee Members*** *are invited to propose amendments to the IALA Guideline G1117 chapter on GNSS for the DTEC5 to provide more structure and overview of the different helping technologies for GNSS and how the architecture on shore and ship would need to look like to consume them. This change could include the proposed changes by ESSP, EUSPA and CML.*

1. [↑](#footnote-ref-2)