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| From: ENG | ENG20-9.2.2.3 |
| To: DTEC |  |

LIAISON NOTE

IALA Digitalisation Discussion Paper

# introduction

ENG Committee thanks DTEC for their liaison note to all committees regarding DTEC Task 7.1.1 (Input document ENG20-3.1.1.10) on “Develop a Discussion Paper on Digitalization in the Scope of IALA”. This liaison note to DTEC is a response to that input paper.

# DiscusSION

During ENG20, the committee discussed the input paper and made the following observations:

1. A possible digitalization statement for IALA could be *“To support IMO e-Navigation strategy and harmonize sharing of Aids to Navigation data”*. This is recognizing that harmonizing communication protocols in the maritime space is essential for successful dissemination of critical information to all mariners and shore-based organizations.
2. The committee was unsure of the best way to capture information required, but an attempt is made below. Further, the committee actively maintains its tasks within the IALA Task Register and DTEC will find the latest information there.

# ACTION REQUESTED

DTEC is kindly requested to:

* Evaluate the provided suggestion of ENG committee on IALA’s Digitalisation Vision Statement;
* If necessary, clarify the relationship between the task register and the Annex B table;
* Evaluate the provided (current) tasks of ENG committee related to digitisation and the Task Register.

**ANNEX B-3**

**TEMPLATES FOR INPUT GATHERING FROM IALA SUBCOMMITTEES**

Note: The work tasks are extracted from the published IALA Committee work programme 2023

2027 information at IALA website. Subcommittee are welcome to include additional tasks relevant

to the digitalization roadmap that are not listed in this template.

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| **Template for Input Gathering from ENG** | | | |
| **S/N** | **List of Task Titles**  *(Under Development)* | **Projected Timeline for Completion**  *(e.g. Mar 2025)* | **Remarks**  *(if any)* |
| 1 | [Update G1037 Data collection for AtoN performance calculation](https://www.iala-task-register.com/task?id=455) | April 2025 | Task 2.2.4 |
| 2 | Develop guidance on the provision of Marine AtoN for autonomous vehicle/vessel operations (Maritime Autonomous Surface Ship, MASS). |  | Task 1.2.3 |
| 3 | Training in implementation of digital solutions (data analytics & maritime informatics) |  | Task 5.1.2 |
| 4 | Update G1008 Remote control and monitoring of AtoN |  | Task 6.3.1 |
| 5 | Develop guidance on timing and synchronization |  | Task 3.1.1 |
| 6 | R-Mode development |  | Task 3.2.1 |
| 7 | Develop Guideline on High accuracy positioning systems |  | Task 3.3.2 |
| 8 | Retransmission of SBAS data via VDES |  | Task 3.3.3 |
| 9 | Develop and update S-200 PNT Product Specification |  | Task 7.1.1 |
| 10 | Harmonisation of IoT Protocol for Visual AtoN |  | Task 6.3.2 |
| 11 | Update G1037 Data collection for AtoN performance calculation | October 2025 | Task 2.2.4 |
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