 Input paper: [[1]](#footnote-1) ENAV18-13.13

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

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

**X** ENAV **□** VTS **x** Information

Agenda item [[2]](#footnote-2) 13

Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) WG5 Chair & Vice Chair

WG5 – PNT

Plan for ENAV18

# Summary

This paper provides a brief overview of the main work items which will be addressed by WG5 during ENAV18.

## Purpose of the document

To enable the Committee members to understand the aims and objectives of WG5 for this meeting so they can plan their attendance accordingly.

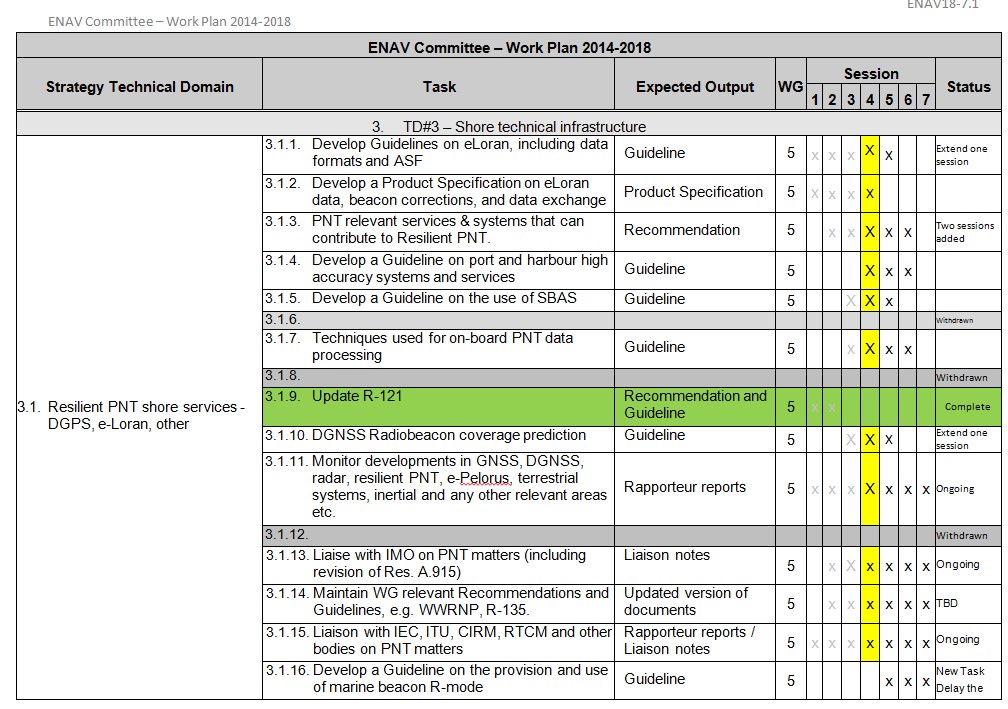
## Related documents

* IALA strategy
* ENAV Committee Work Plan 2014-2018 (ENAV18-7-2)
* ENAV Work Programme task register (ENAV18-7-1)

# Work items

The main work items for WG5 at ENAV18 (Session 4 of this work period) are identified in the following table:

Table 1: Extract from IALA ENAV Committee Work Plan showing planned WG5 activities for this session.



## Develop Guidelines on eLoran, including data formats and ASF

The task group has been working on the Guideline which will be reviewed in the WG for further comment. The aim is to seek final changes and actions so that it can be included as a working document, along with the Recommendation, for the committee to review prior to approval at the next session.

## Develop a Product Specification on eLoran data, beacon corrections and data exchange

Following the discussions at ENAV17, KRISO kindly offered to further develop the eLoran related product specifications with support from the GLA. An update on progress is expected in this session for S-245 (eLoran almanacs, consisting of ASF propagation data), S-246 (eLoran transmitter almanac data) and S-247 (Differential Loran reference station almanac).

## PNT Relevant services & systems that can contribute to Resilient PNT

This is the high-level Recommendation that was scoped at ENAV16. It is suggested that this Recommendation is developed alongside the contributing Guidelines.

## Develop a Guideline on port and harbour high accuracy systems and service

Work on this Guideline is due to start at this meeting and is expected to build on previous discussions within the WG.

## Develop a Guideline on the use of SBAS

Further development of this Guideline is expected at this meeting. Any intersessional work will be reported on, along with any work on trials/further consideration regarding SBAS transmission via marine beacon or AIS infrastructure.

The aim is to develop this guideline so that it can be circulated for review by the committee after ENAV19 for approval at ENAV20.

## Techniques used for on-board PNT Data processing

Further development of this Guideline is expected at this meeting. Any intersessional work will be reported on, along with any contributing developments related to the IMO resilient PNT Guidelines.

The aim is to develop this Guideline so that it can be circulated for review by the Committee after ENAV19 for approval at ENAV20.

## DGNSS radiobeacon coverage prediction Guideline

A draft Guideline is due to be submitted as an input paper. This will be reviewed with the aim of becoming an output from the WG at this session, for approval by the Committee at ENAV19.

## Monitoring of developments in PNT relevant areas; Liaison with IMO and other bodies.

There will be an opportunity to provide updates on any related topics of interest and discussions with IMO or other bodies to the WG. Members with updates or comments they would like to give are invited to contact the Chair and Vice Chair as soon as possible so that it can be planned into the week.

## NAVGUIDE

There is an action on the ENAV Committee to update relevant sections of the NAVGUIDE. WG5 has been allocated chapters 4.9 to 4.13 and volunteers will be sought to review the existing text and to provide updates as required. The text can be updated directly via the IALA Wikipedia and WG5 members are encouraged to seek a username and password. The aim is to provide updates as an output at the end of the week.

## R-Mode **intersessional**

An intersessional meeting is planned for February to discuss the development of R-mode. The outcome of this meeting will be fed back to the WG for review and further consideration.

## Review of work plan and task register

The work plan and task register will be reviewed at each meeting to ensure they remain up to date and the tasks are achievable in the time allocated.

# Plan for the week

The following plan for the week is indicative and may be amended following the plenary. Also, depending on the number of people interested in each document being considered, some work may take place consecutively, rather than concurrently.

|  |  |  |
| --- | --- | --- |
|  | Morning | Afternoon |
| Monday |  | Plenary |
| Tuesday | Introduction and welcome  Review Work plan  Plan for week  Review Navguide chapters for update  Review of R-Mode intersessional meeting  Review of True Heading AIS patent w.r.t R‑Mode. | Review of each draft Guideline and any work completed between sessions (presentation or verbal update).  Split into groups to work on draft Guidelines |
| Wednesday | Split into groups to work on draft Guidelines | Split into groups to work on draft Guidelines |
| Thursday | Review work on Guidelines for report | Open discussion period, information updates and any other ad-hoc actions. |
| Friday | Plenary |  |

# Action requested of the Committee

The Committee is requested to:

* Take note of the intended work of WG5 and plan their attendance accordingly.
* Please let the Chair/Vice Chair know of any other items they would like to discuss.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)