 Input paper: [[1]](#footnote-1) ENAV20-13.13

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 ENAV20

# Summary

This paper provides a brief overview of the main work items which will be addressed by WG5 during ENAV20.

## Purpose of the document

To enable 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 (ENAV20-7-1)
* ENAV Work Programme task register (ENAV20-7-2)

# Work items

The main work items for WG5 at ENAV20 (Session 7 of this work period) are identified in the following table:

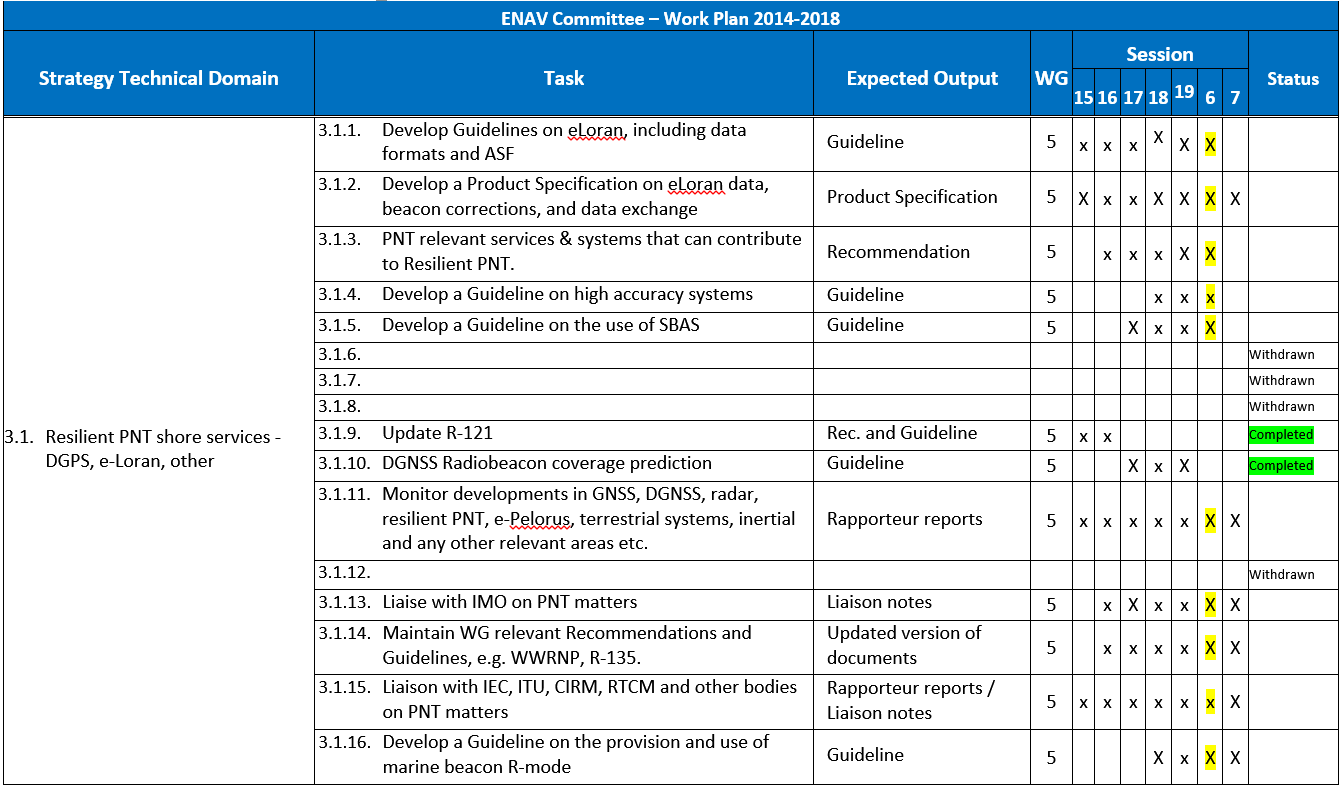


Table 1: Extract from IALA ENAV Committee Work Plan showing planned WG5 activities for this session.

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

The draft Recommendation and Guideline were prepared at the last meeting and carried over as working documents to give the wider committee a chance to review and comment. Some minor comments have been received for the draft Recommendation. These documents are expected to be finalised at this 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. The wording of the Recommendation should be checked against the contributing Guidelines. Noting that some of the guidelines should be finalised at this session.

## Develop a Guideline on high accuracy systems

Work on this Guideline is due to continue at this meeting with the aim of developing a draft for review prior to approval at ENAV21.

## Develop a Guideline on the use of SBAS

Work on this Guideline is due to continue at this meeting with the aim of developing a draft for review prior to approval at ENAV21.

## DGNSS radiobeacon coverage prediction Guideline

The Guideline was completed last session and approved by Council. However, a second Guideline is being developed for antenna efficiency calculations. A draft has been provided and the aim is to finalising it at this session.

## Develop a Guideline on the provision and use of marine beacon R-Mode

A Guideline and associated Recommendation were prepared at ENAV19 and held over for comment. These should be finalised in this session. Committee members are invited to consider whether they/their organisations have any intention to offer R-mode via AIS in the future, as this will be discussed during ENAV20.

## 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. Members with updates or comments/presentations 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 schedule.

## NAVGUIDE

While WG5 provided updates to the NAVGUIDE during ENAV18, there will be an opportunity to discuss this further and include any recent amendments/actions.

## 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  Review of Actions | Review of each draft Guideline and any work completed between sessions (presentation or verbal update).  Finalise eLoran Recommendation and Guideline.  Finalise R-Mode Recommendation and Guideline |
| 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)