Input paper: [[1]](#footnote-1) ENG15-3.1.3.1

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

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

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

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

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

Author(s) / Submitter(s) WG3 Chair & Vice Chair

WG3 – Radionavigation Services (PNT)

Plan for WG work over the ENG15 period

# Summary

This paper provides a brief overview of the main work items that can be addressed by WG3 members via correspondence during the ENG15 meeting period.

## Purpose of the document

To enable Committee members to understand the aims and objectives of WG3 for this period so they can plan their participation as appropriate.

## Related documents

* IALA strategy
* ENG Committee Task Plan
* ENG Work Programme task register

# Work items

The main work items for WG3 at ENG15 are shown in Figure 1 with a greater explanation provided below. As always, this is a busy period but it is recognised that these are unusual times and therefore any time spent developing IALA documents is appreciated.

We only expect to progress items where the lead of the work is available during this period. The list of items below is colour coded based on which topics are anticipated to be progressed. Tasks greyed out are those we do not expect to be progressed during this period, however if any Committee member has an input they wish to make to any of these tasks please let the WG Chair know.

## Resilient PNT

At ENG14, the WG further developed the Guideline on Resilient PNT and this will be developed further during the ENG15 period. The initial aim is to complete a first draft during this period.

**Lead: Alan Grant**

## R-Mode (all related items)

There are a number of work items under this topic, including understanding the latest developments on R-Mode requirements, activities and roadmap updates. The draft Guideline was progressed during ENG14 and work on this will continue during the ENG15 period.

**Lead: Michael Hoppe**

## S-200 product specifications

During the ENG14 period updated versions of the eLoran station almanac (S-246) and differential eLoran reference station almanac (S-247) product specifications finalised. The plan is to develop a eLoran ASF data (S-245) during this session.

**Lead: Younghoon Han**

## Timing and synchronisation

With a new Task leader, work on this item will continue during this session, identifying the scope and content for future guidance.

**Lead: Ricardo Píriz**

## Radar & Racon positioning

The draft Guideline on an Enhanced Radar Positioning System (ERPS) was developed further during ENG14 and will be progressed during this session. The workshop on ERPS was conducted late 2021 and will be reviewed and outcome taken forward into this work.

**Lead: Paul Mueller**

## DGNSS Guidance (considers action items 3.4.2 and 3.4.4)

The draft Guideline on DGNSS will be further developed further during this session

**Lead: Jesper Backstedt**

## Augmentation for maritime

Complete review of updates to G1129 - The Retransmission of SBAS corrections using MF Radio beacon and AIS.

**Lead: Alan Grant**

## High accuracy systems

Work to review guideline G1127 was progressed during the last meeting and will continue during this session.

**Lead: Marcos López Cabeceira**

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

We will continue to use online connectivity options to share information as required under this work item. Please feel free to let the WG Chair if you wish to present information to the group so that a suitable time can be arranged.

## Document updates

The WG has an ongoing task to review and consolidate all of the documents related to PNT. Given the on-going work and distributed nature, no work is expected on this topic over this period.

## Additional items of review and update

Any additional items raised during plenary or input papers will be picked up and considered during the WG3 opening plenary.

**Lead: Alan Grant**

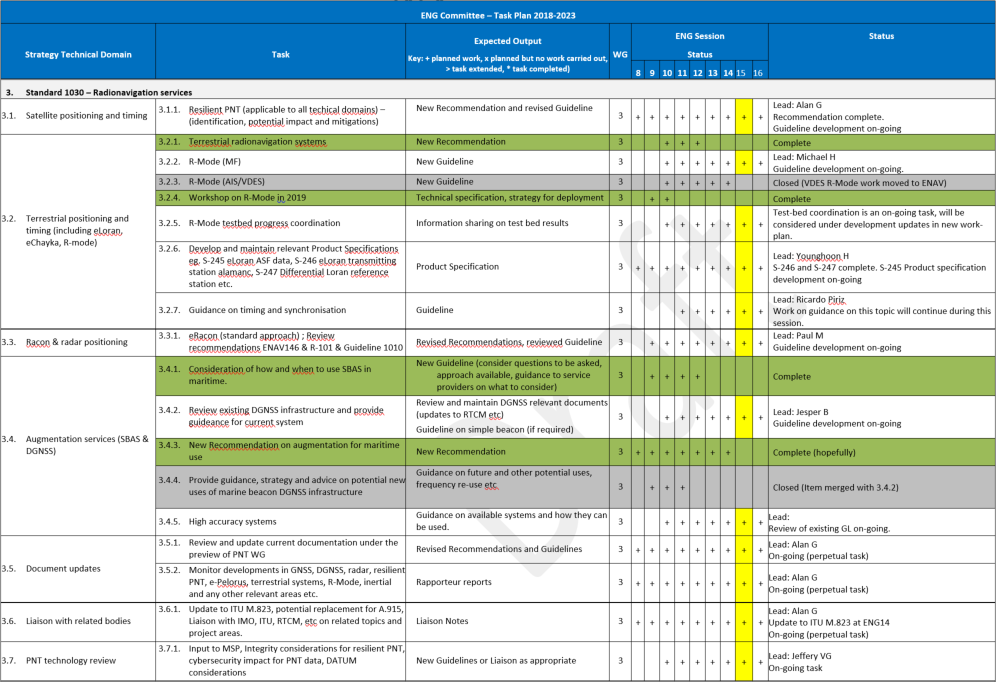


Figure 1: WG activities extracted from the committee work plan with the anticipated tasks highlighted

# Plan for the Period

Given that we are all operating in unusual modes of working, it is anticipated that smaller drafting/correspondence groups are formed to undertaken the work items. The named leaders in the table will be approached to confirm if they are available to lead the task, and they are, they will be invited to coordinate the drafting or correspondence group as they deem appropriate.

# Action requested of the Committee

The Committee is requested to:

* Take note of the intended work of the WG and make contact with the lead of the work you would like to support.
* Please let the Chair/Vice Chair know of any other items you 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)