Input paper: [[1]](#footnote-1) ENG12-3.1.12

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 ENG12 period

# Summary

This paper provides a brief overview of the main work items that can be addressed by WG3 members via correspondence during the ENG12 meeting period (30th September – 16th October).

## 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 ENG12 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 ENG8 the WG developed a Recommendation on resilient PNT which was approved by Council. During the ENG11 period a structure of a new Guideline was proposed which included updating and incorporating the contents of R-129 into this new guideline. It is anticipated that this will be developed further during the ENG12 period. **Lead: Alan Grant**

## Terrestrial Radionavigation systems recommendation

A draft Recommendation was developed during the ENG11 period and is submitted as an input to ENG12 seeking comments from Committee members. Any comments raised will be reviewed during this session with a view of the final draft being reviewed at Plenary and if approved, sent to Council for approval. **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 developed further during ENG11 and work on this will continue during the ENG12 period. Also considered under this heading is the True Heading patent discussions, for which an update can be provided.  **Lead: Michael Hoppe**

## S-200 product specifications

During the ENG11 period an updated version of S-240 product specification was made and will be provided as an input paper to ENG12. This update, along with any updates to S-245, S-246 and S‑247. A guidance note is being developed, in collaboration with the Secretariat, on the role of these performance standards and the overall approval process. **Lead: Younghoon Han**

## Timing and synchronisation

At a previous meeting WG members considered this topic and recognised a lack of expertise within the current WG and sought advice and support from the wider Committee. This is an ideal opportunity for the wider Committee to support this task. If there are any volunteers to support this task, can they please inform the WG3 Chairman. Otherwise, it is anticipated that little to no work can be completed on this topic during this interim period. **Lead: vacant**

## Radar & Racon positioning

During the ENG11 period, the draft Guideline on an Enhanced Radar Positioning System was developed further, building on the work conducted to date during previous meetings. This Guideline could be developed further during this period. **Lead: Paul Mueller**

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

A draft Guideline that supports administrations seeking to maintain their services and those seeking to retire their DGPS was developed at the future of DGNSS workshop. This document will be reviewed and updated during this work period. The WG should consider whether items 3.4.2 and 3.4.4. can be merged into one task fulfilled by the draft Guideline. **Lead: to be confirmed**

## Augmentation for maritime

A draft Recommendation was developed and reviewed during the ENG11 period. A final draft has been provided to ENG12 seeking comments from the wider Committee. One question remains to be addressed during this period, but the aim is to complete this Recommendation during this work period. **Lead: Etienne Leroy**

## High accuracy systems

The WG should consider the on-going need for this task and update the task register accordingly.

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

Given the remote working approach, little activity is expected under this work item. However we will look to use the online connectivity options being considered by IALA to share information as required. Please feel free to update the online pages for the WG with any information you’d like to share. Please contact 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

We have also been asked to review the Navguide as a separate task during this period.

**Lead: Alan Grant**

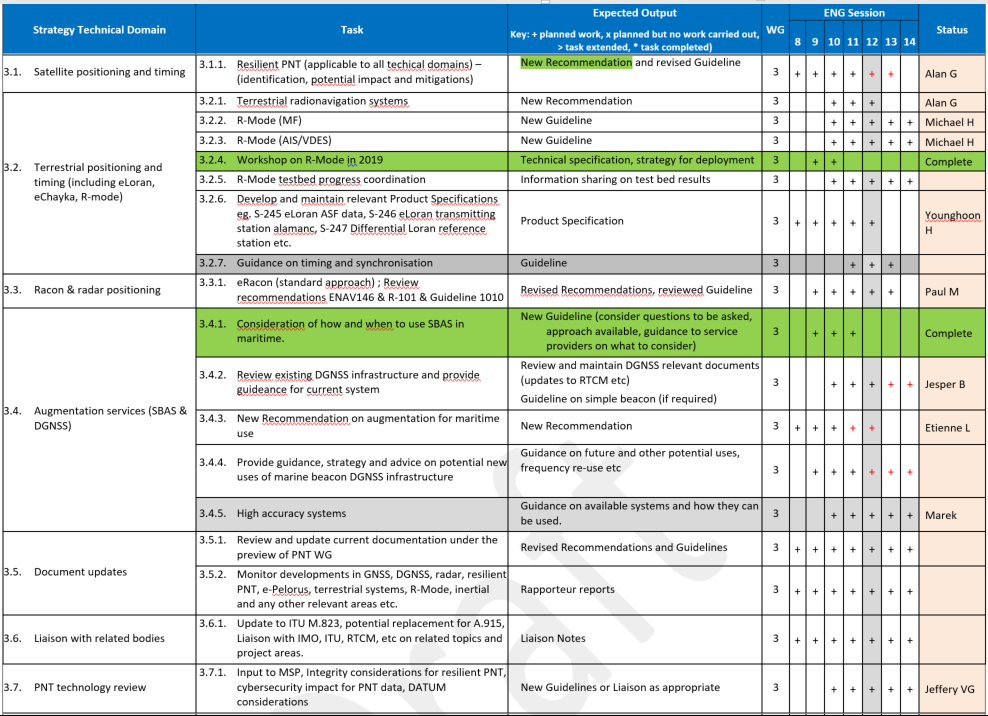


Figure 1: WG activities extracted from the committee work plan with the anticipated tasks will hopefully be progressed during this correspondence session highlighted

# 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)