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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 ENG13 period

# Summary

This paper provides a brief overview of the main work items that can be addressed by WG3 members via correspondence during the ENG13 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 ENG13 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 ENG12, the WG further developed a new Guideline on Resilient PNT with new text being proposed for inclusion. It is anticipated that this will be developed further during the ENG13 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 developed further during ENG12 and work on this will continue during the ENG13 period.

**Lead: Michael Hoppe**

## S-200 product specifications

During the ENG12 period an updated version of S-240 product specification was submitted to the Secretariate for upload to the IALA website. It is anticipated that eLoran related product specifications (S-245, S‑246 and S‑247) will be progressed during the ENG13 period. A guidance note, being developed in collaboration with the Secretariat, regarding the role of these performance standards and the overall approval process, will also be progressed.

**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. An action was placed on all ENG Committee members to consider if they, or anyone they know, could contribute to this area. At the time of writing, no participants have come forward and therefore no work is expected in this area over this period.

**Lead: vacant**

## Radar & Racon positioning

During the ENG12 period, the draft Guideline on an Enhanced Radar Positioning System was developed further, building on the work conducted to date during previous meetings. In addition, a number of liaison notes were issued with responses to be considered during this meeting.

**Lead: Paul Mueller**

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

A draft Guideline supporting administrations that wish to maintain their services and those seeking to retire their DGPS service was developed at ENG12, based on the outcome of the IALA workshop on this topic. It is anticipated that this guideline will be progressed further during ENG13.

**Lead: Jesper Backstedt**

## Augmentation for maritime

The Recommendation on this topic was completed at ENG12 and approved by the Committee to go to Council where it was discussed and clarification sought. A minor amendment is required to the text to make it clear what can be considered under this topic. The plan for ENG13 is to make this change and then re-submit the document for approval.

**Lead: Alan Grant**

## High accuracy systems

This is a new work area for this meeting, given a recent change in task leader. The aim for this meeting is to understand the scope and contents of the new guideline.

**Lead: Ginés Moreno**

## 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 to share information as required. 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

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

**Lead: Alan Grant**

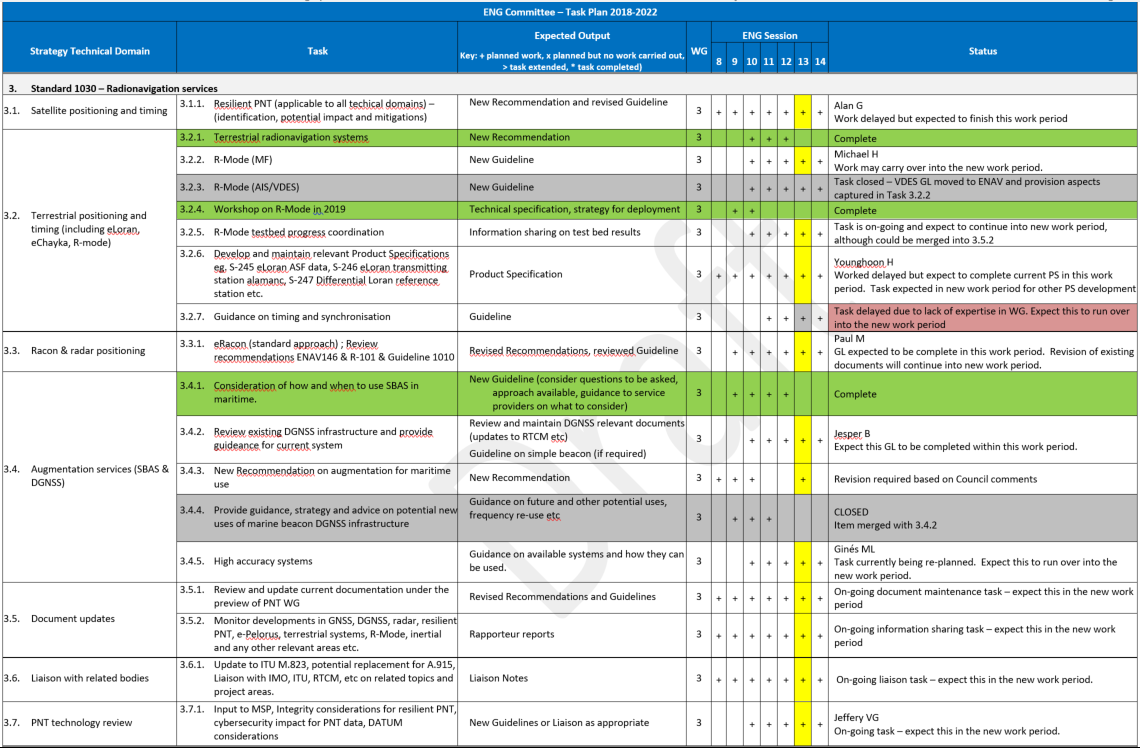


Figure : WG activities extracted from the committee work plan with the anticipated tasks will hopefully be progressed during this correspondence session highlighted

# 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)