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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 ENG14 period

# Summary

This paper provides a brief overview of the main work items that can be addressed by WG3 members via correspondence during the ENG14 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 ENG14 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 ENG13, the WG further developed the Guideline on Resilient PNT with new text being proposed for inclusion. This will be developed further during the ENG14 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 ENG13 and work on this will continue during the ENG14 period.   A planned intersessional on this topic was postponed due to unforeseen circumstances.

**Lead: Michael Hoppe**

## S-200 product specifications

During the ENG13 period an updated versions of the eLoran station almanac (S-246) and differential eLoran reference station almanac (S-247) product specifications were developed with an action placed on the wider ENG Committee to review and provide feedback as necessary. Such feedback will be reviewed during this session and the eLoran ASF data product specification (S-245) will 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

The draft Guideline on an Enhanced Radar Positioning System (ERPS) was developed further during ENG13 and will be progressed during this session. A workshop on ERPS has been planned and will be refined further during this session.

**Lead: Paul Mueller**

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

A number of key questions were posed by RTCM at the last session which sought IALA’s position regarding the future use of RTCM version 2.3 and the proposed version 2.4 of the standard. At the last meeting advice was sought from IALA PAP and the response is expected to be considered during this meeting.

The draft Guideline on DGNSS will be further developed.

**Lead: Jesper Backstedt**

## Augmentation for maritime

This work item was completed at ENG13.

**Lead: Alan Grant**

## High accuracy systems

This work item was re-started during ENG13 where a plan for updating the guideline G1127 was developed. The revision of this guideline will continue during this work period.

**Lead: Ginés Moreno**

## 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

The relevant sections of the NAVGUIDE were reviewed by the WG during ENG13 with an action placed on all ENG Committee members to review and provide comment in advance of this meeting. No comments have been received to date and therefore the intended action is to review and finalise the text during ENG14 for submission to the Secretariat.

**Lead: Alan Grant**

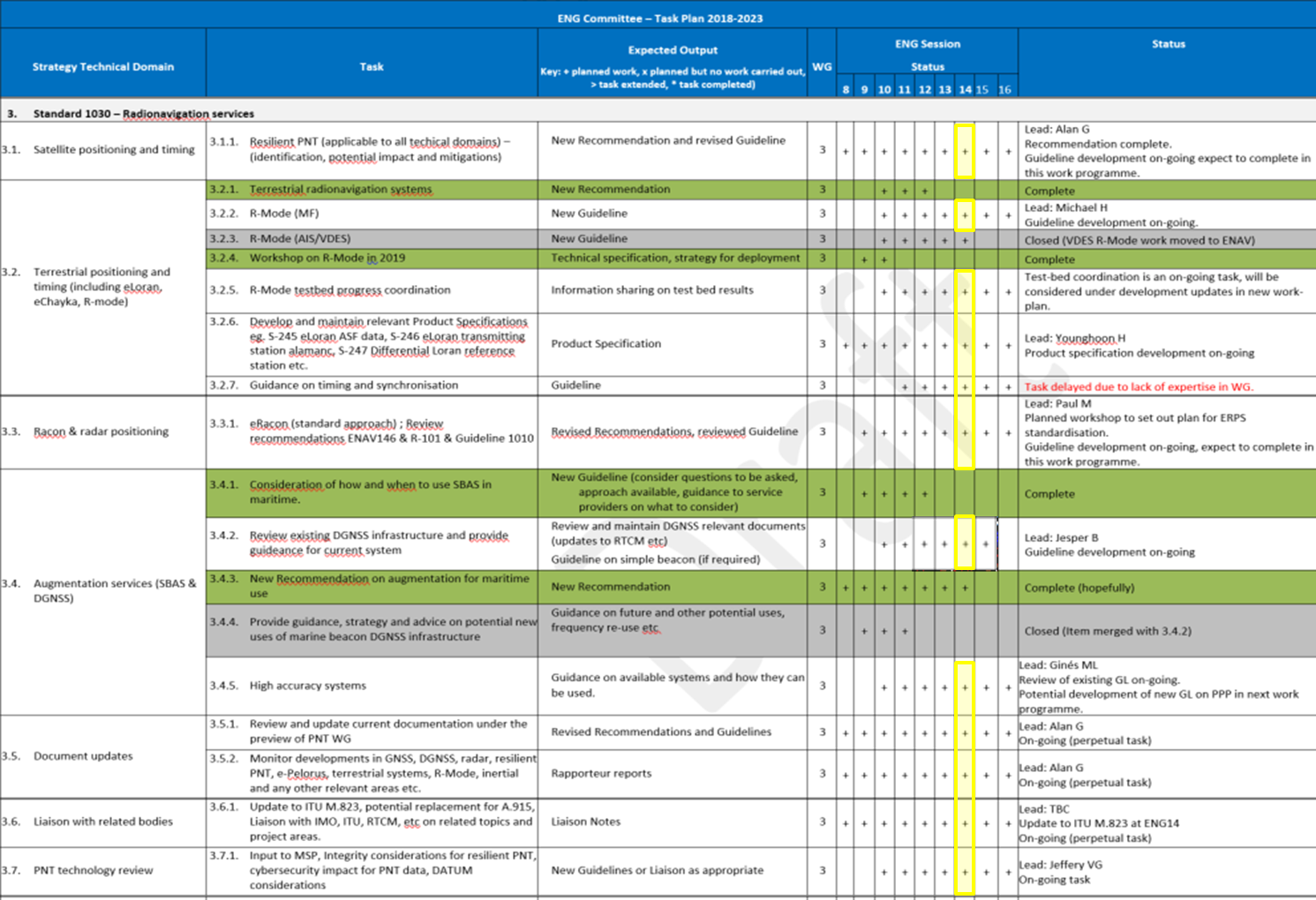


Figure : WG activities extracted from the committee work plan with the anticipated tasks highlighted

# 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)