Input paper: [[1]](#footnote-1) ENG16-3.1.3

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) 3.1

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

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

WG3 – Radionavigation Services (PNT)

Plan for WG work over the ENG16 period

# Summary

This paper provides a brief overview of the main work items that can be addressed by WG3 members via correspondence during the ENG16 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 ENG16 are shown in Figure 1 with a greater explanation provided below. This is the last meeting of this session and also the first time back at IALA HQ, so I’m sure it will be a busy time catching up and getting back into the normal process.

## Resilient PNT

At recent meeting the Guideline on Resilient PNT was progressed, albeit not as far as originally planned due to the time available. Kaisu Heikonen has kindly taken over the leadership of this work with the aim to develop it further during this period.

**Lead: Kaisu Heikonen**

## 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 ENG15 and work on this will continue during this meeting and after the conference.

**Lead: Michael Hoppe**

## S-200 product specifications

During the ENG15, work on the eLoran ASF data product specification (S-245) started and it is anticipated that this work will continue during this session.

**Lead: Younghoon Han**

## Timing and synchronisation

Work on a new Guideline started at ENG15 and will continue through this session. This work is expected to run over to the next work period.

**Lead: Ricardo Píriz**

## Radar & Racon positioning

ENG15 was a busy period for this work item with work progressing a paper to the IMO on ERPS and other related technologies, carried over to this session.

**Lead: Paul Mueller**

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

At the last meeting the Committee discussed feedback to RTCM on the questions posed regarding the future of its RTCM V2.4 standard. At that stage it was decided that we did not have sufficient representation or considered positions. This topic will be discussed during this session and we ask all interested parties to arrive suitably informed and having had discussions within their own organisations. This work will include a review of the draft Liaison Note to RTCM prepared at ENG15.

**Lead: To be confirmed.**

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

There is a requirement to update ITU regarding an error with M.823-4. This work was on hold awaiting an update to the next RTCM V2.3 standard but is worth progressing now.

Please feel free to let the WG Chair if you wish to present any 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, but if time permits we may review documents to be considered within the next programme of work.

## 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**

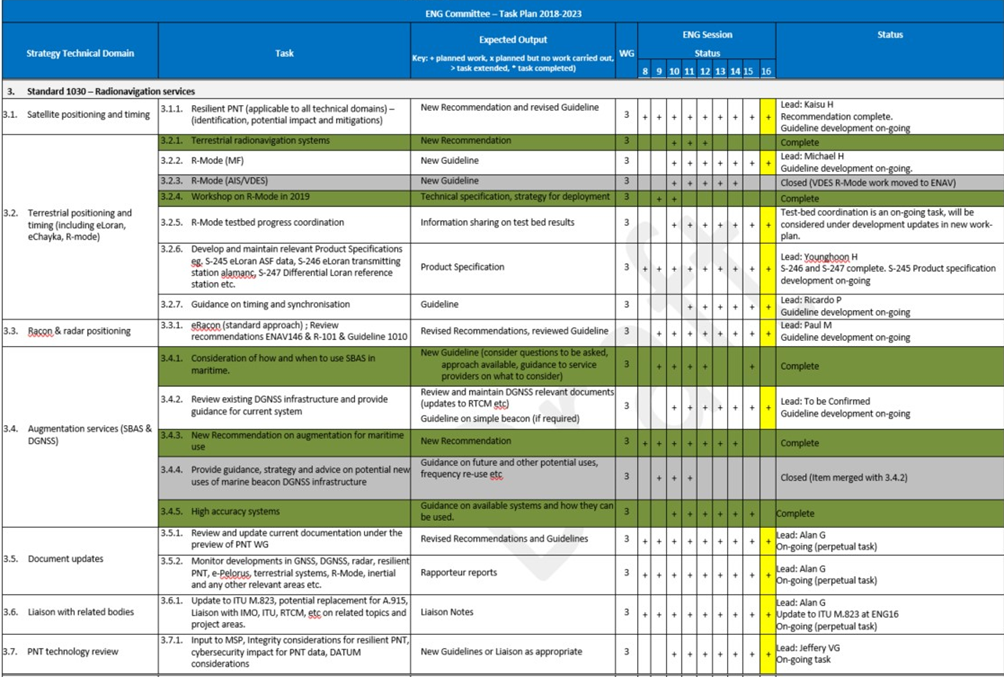


Figure 1: WG activities extracted from the committee work plan with the anticipated tasks highlighted

# Plan for the Period

The named leaders in the table will be approached to confirm if they are available to lead the task, and if they are, they will be invited to coordinate the drafting or correspondence group as they deem appropriate.

# Personnel changes

Since our last meeting Mr Jesper Backstedt has left the Swedish maritime administration and I would like to place on record our thanks to him for leading the DGNSS task group and for all of his input over the years he attended IALA.

This is also the last meeting for our WG Chair who will be stepping down after the conference, but will remain part of the IALA family, attending the ARM Committee. Information on the new WG Chair will follow once known.

# 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)