Input paper: [[1]](#footnote-1) ENAV21-13.3.2

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

**□** ARM **□** ENG **□** PAP **x** Input

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

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Technical Domain / Task Number 2 3.1.4………………………

Author(s) / Submitter(s) Stefan Gewies, Michael Hoppe

**WG5 (PNT)**

**Intersessional meeting**

**- Finalizing Guideline on Systems and Services for High Accuracy Positioning and Ranging -**

# OverView

On the 12th-14th June 2017, an intersessional meeting was held to continue work on the draft guideline on Systems and Services for High-Accuracy Positioning and Ranging. The main task was to finalize the work on this guideline. It is planned that the guideline should become an output of IALA ENAV21. Thus, WG5 should submit a consolidated draft input document to ENAV21.

The meeting was attended by 6 IALA members.

# MEETING summary

The intersessional WG reviewed the latest version from IALA ENAV20. The following work was conducted:

* A new chapter 2 “Background” was drafted to describe the general background for high-accuracy positioning and ranging systems and services.
* Chapter 1 to 5 were completely reviewed and updated. From the view of the intersessional WG these chapters are considered as finalized.
* Chapter 6 “Methods for high-accuracy positioning and ranging” were partly reviewed and updated. Further work is required to finalize sections on RTK and PPP. These sections will be updated before circulating the latest version in WG5. DLR (SG and TN) volunteered to draft these sections.
* Chapter 7 wasn’t reviewed during the meeting. It will be an action for all to review and update this section before circulating the document.
* It was decided to move information regarding latency and update rate to an appendix. A final review of the new appendix is still required. DLR (EE) volunteered to provide a revision before circulating the latest version within WG5.

# Actions

* Circulation of latest draft within WG5 together with the meeting report   
  until End of June 2017.
* WG5, to provide comments to the existing draft guideline until End July 2017.
* Submission of final draft as an input document to ENAV21 (Mid-August 2017)

# List of attendees:

Stefan Gewies DLR, Germany

Thoralf Noak DLR, Germany

Evelin Engler DLR, Germany

Peter Douglas NLB, Scotland

Jesper Backstedt SMA, Sweden

Michael Hoppe WSV, Germany

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Input papers should be assigned to a work task as listed in the Committee work plan which is available in input papers. Leave open if uncertain but consider how the paper is to be processed if not relevant to a work task [↑](#footnote-ref-2)