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

**□** ARM **X** ENG **□** PAP **☑** Input

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Agenda item [[2]](#footnote-2) 3.1

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

Author(s) / Submitter(s) CHINA MSA

Working Draft of Guideline on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Service

# Summary

Based on the discussion at ENG 19 and the feedback from the offline communication group, China MSA continued the intersessional and has revised the working draft of Guideline on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Service for further consideration by ENG 20.

## Purpose of the document

The purpose of this document is to propose a working draft of guideline on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Service. It provides an introduction of the GNSS Satellite-based PPP service, and describes the service parameters to characterize GNSS satellite-based PPP service for maritime use, and offers suggestions on the GNSS satellite-based maritime application.

# Background

The input ENG 19-3.1.2.3 and ENG 19-3.1.2.3.1 on the development of Guidelines on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Service were reviewed, the overall framework and Chapters 2-3 were refined and supplemented Meanwhile, chapter 4-6 were discussed. The work on the draft guideline progressed in correspondence between interested members. The draft guideline is planned to be improved during ENG 20 as a task group.

# Discussion

## Revisions of the working draft guideline

* Finalize Chapter 2 and 3
* Revise and improve Chapter 4 to 6;
* Modify chapters 1 to 6 based on the suggestion at ENG 19.

## proposal

It is proposed that the ENG Committee continue to revise the guideline on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Service based on the working draft guideline submitted by China MSA.

# Action requested of the Committee

The Committee is requested to consider the Working Draft of Guideline on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Service and jointly improve the contents of the guideline.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)