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| From: ENAV Committee | PAP44-6.1.5.2 |
| To: PAP Committee |  |

LIAISON NOTE

Proposal of remote control and monitoring service as a new Maritime Service (MS) in the context of e-Navigation

# Introduction

At its 28th session, ENAV Committee reviewed the input paper, ENAV28- 5.1.2.2, as attached, that proposed the amendment of Maritime Service (MS) for MASS. The amendment includes shore-based remote control and monitoring service (RCMS) for a maritime autonomous surface ship (MASS) as a new maritime service (MS).

# Discussions

The input document describes needs of shore-based RCMS for MASS leading to the conclusion that remote controlling service is an indispensable shore-based support service for all autonomous degrees of MASS. The members of the ENAV Committee agreed to the need of RCMS. The members, however, recognize that main role of the ENAV committee in dealing with MS is standardization for its technical components such as data models, associated technical services, data communication platform and way of service description. On the contrary, the ARM Committee and the VTS Committee are recognized to deal with operation aspects of MS which induce technical requirements MS. Technical requirements are used as basis of standardization for the technical components listed above. Furthermore, the MASS task-force has been established in the PAP Committee to orchestrate MASS-related work at IALA. Taking this into account, the ENAV Committee concluded that the PAP Committee could provide IALA members with more holistic views on whether RCMS needs to be added as a new MS and its follow up actions including bringing the topic to the IMO.

# Action requested

The PAP Committee is requested

* to note the input document ENAV28-5.1.2.2
* to consider addition of RCMS as a new MS to support MASS operation together with its follow up actions including bringing the discussion on the RCMS to the IMO.