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* Title: Development of Maritime Service Portfolios (MSPs) guidance for

e-navigation

**ABSTRACT**

In order for the realization of the e-navigation, various guidelines are being under development following the adoption of the e-navigation Strategy Implementation Plan (SIP) in 2014. One of the five prioritized solutions uses the concept of Maritime Service Portfolios (MSPs). IMO is leading the process to develop guidance on definition and harmonization of the format and structure of Maritime Service Portfolios (MSPs). It is understand that related outputs which were developed by IMO should be taken into account in the development work of the MSP guidance.

The purpose of this study is to identify the outputs which should be considered in the development of MSP guidance and to propose the recommendations to the IMO-IHO Harmonization Group on Data Modelling (HGDM) which will be activated following the Sub-Committee on Navigation Communication and Search and Rescue (NCSR) on its 4th session.

This study will survey the related IMO papers and research works based on the IMO SIP and results of SMART navigation project in the Republic of Korea. This study will help in the development of MSP guidance in practical.