**NIPWG8-30.1**

## Paper for Consideration by NIPWG

## [Work Status of S-128 PS 1.0.0.]

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| ***Submitted by:*** | Republic of Korea  |
| ***Executive Summary:*** | This paper describes the updates of S-128 development for endorsement  |
| ***Related Documents:*** | NIPWG7-10.1 S-128 - Update of S-128 developmentNIPWG6-10.1 S-128 - Catalogue of Nautical ProductsNIPWG5-10.1 S-128 Development: Status Report |
| ***Related Projects:*** | S-100, S-128 |

## Introduction / Background

ROK reported the update results of S-128 PS (Product Specification) Package at NIPWG7 in November 2019 held in Tallinn, Estonia. NIPWG members reviewed S-128 PS Package and approved it as Edition 0.7.5 as the completion of standard satisfying S-100 TRL 5. After the NIPWG7, WG requested its members to review the S-128 PS Package and to submit comments as an action list. This paper reports the S-128 PS Package updates following members’ comments after NIPWG7 and requests the endorsement of S-128 PS Package as Edition 1.0.0.

## Analysis/Discussion

Update following reviewed comments

NIPWG members reviewed S-128 PS Package after NIPWG7 and submitted over 240 comments. ROK has updated the S-128 PS Package and all comments and remarks are shown in the attached two documents with comments. This update includes all mandatory documents for the endorsement of Edition 1.0.0 referring to S-97, such as Product Specification document and Feature Catalogue, human readable Feature Catalogue, GML Schema, and DCEG.

## Conclusions

ROK updated the S-128 PS Package following the NIPWG7 action list which was submitted by NIPWG members. Current S-128 PS is in alignment with S-100 Edition 4.0.0 and is able to replace S-63 Catalogue Function. Draft S-128 Edition 1.0.0 covers paper charts, ENCs and other nautical products based on S-100 and are ready for testing by many stakeholders.

## Recommendations

Request the endorsement of the S-128 PS Package as Edition 1.0.0 in accordance with the IHO Resolution 2/2007.

## Action Required of NIPWG

The NIPWG8 is invited to:

a. Note and discuss the paper.

b. Review the update of S-128 PS Package

c. Endorse the S-128 PS Package as Edition 1.0.0