**To be provided as HSSC 13-05.3D**

**To be provided as NIPWG8-36**

## Paper for consideration by HSSC13/NIPWG8

## Architectural Display of S-100 related products

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| ***Submitted by:*** | NIPWG Chair |
| ***Executive Summary:*** | Overarching presentation of the relations between various S-100 based products |
| ***Related Documents:*** | HSSC 12-05.3D |
| ***Related Projects:*** | NIL |

## Introduction / Background

At the last few HSSC meetings, NIPWG presented an architectural display of S-100 based products. HSSC considered the intention behind that presentation and invited NIPWG to develop that further. The presentation attached to this document presents the current status and raises questions which need further discussions and considerations, see Annex A.

## Analysis/Discussion

The current version of the architectural display divides the product specifications in those, which may have direct or indirect impact on IHO activities under IHO responsibility and those of which IHO is responsible.

The product specifications under the remit of IHO are divided in those relevant for route planning and for route monitoring respectively. According to the navigational purpose, different S-98 levels apply.

The current layout does not reflect the latest IHO presentation to NCSR. Adopting the IHO NCSR paper statement produces further issues ending up in discussions on what is requested for route planning and route monitoring.

The display provides reference to applicable IMO resolutions. Discussion with IMO should be initiated on distribution aspects when the development status of the product specifications matures and the first products are close to be available.

Independent of how much IHO is eager to define portrayal and portrayal instructions, relevant IMO guideline should be considered. Investigations should seek clarity whether the IMO considered the applicability of their guidelines to radio based database provision according to SOLAS Chapter V Reg 2. The response will be the driver of further work on portrayal.

## Justification and Impacts

A clear desciption of the archirectural infrastructure of S-100 based product specifications under the remit of IHO is essential for the stearing of the product specifications development.

## Recommendations

The architectural display and the Strategy Implementation should be kept harmonised.

## Action required of HSSC13/NIPWG8

The HSSC13/NIPWG8 is invited to:

1. note this paper,
2. discuss the presentation and act appropriately.

Annex A:

