

## Paper for consideration by SNPWG18

### Harmonisation of data sample structure

<b>Submitted by:</b>	SNPWG Chair group
<b>Executive Summary:</b>	Invitation to discuss the need of a common data structure of the test data samples
<b>Related Documents:</b>	
<b>Related Projects:</b>	S-122, S-123, S-125, S-126, S-127

#### Introduction / Background

The HSSC has agreed that the SNPWG is responsible for the development of the following Product Specifications:

- S-122 Marine Protected Area,
- S-123 Radio Services,
- S-125 Navigational Services,
- S-126 Physical Environment, and
- S-127 Traffic Management.

The SNPWG has assigned the development of test sample data sets to small teams. The development of the S-122 and S-123 test data samples is nearing completion.

The development of the S-126 and S-127 test data samples is in progress. Unfortunately, the development of the S-125 is postponed indefinitely for the time being.

Since TSMAD confirmed that the data of the various Product Specifications doesn't interact with each other, it is obvious that all test data samples must be enhanced with context information.

#### Analysis/Discussion

Product Specification test data samples are under development by various small SNPWG teams. The presentation of the content differs significantly.

As reference we can easily compare the S-123 (Radio Service) and S-127 (Traffic Management) test data samples. Both are using headers and information. Whereas the first sample provides the information in tables the latter is using a simple word structure.

Knowing that these samples are the basis for different tests and that they will probably be used by other organisations like IEC, it should be the time to consider whether it would be worthwhile developing a common data structure for all data samples as a guidance document.

#### Recommendations

The SNPWG18 is invited to consider the need of a common data structure for the Product Specification test data samples.

#### Justification and Impacts

A common data structure would simplify the development of the test data sample.

#### Action required of SNPWG17

The SNPWG17 is invited to:

- a. note this paper.
- b. establish a small team which develops the guidance for the test data sample presentation,
- c. assign the restructure of the current test data samples to the respective development teams.