

### Nautical Information Provision Working Group

S-122 (MPA) Portrayal Information to NCWG2, Monaco, April 2016

Presented by Mr. Yves Guillam on NIPWG's behalf

# Generic Rules for the Portrayal of Nautical Information

#### xxxWG

#### Drafts S-xxx PS

#### Describes application, e.g.:

- ECDIS or non-navigation?
- Overlay or interoperation?
- Permanent or temporary?
- Local or global use ...?

#### Designs first portrayal ideas, e.g.:

- Points, lines, pattern, colours and hands over to NCWG

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#### Industry

- Assists in test data aggregation
- Provides playground tools

   i.e. viewer, test data manipulation
- Nominates portrayal experts
   for NCWG

#### NCWG

NIPWG

#### Get tasked by HSSC8 to:

Create test data for portrayal

- Evaluate NIPWG design ideas and develop own ideas through practical test & play
  - Forward tentative solution for further testing to S-100 testbeds

#### Academia & Education

 Assists in systematic testing with students / ECDIS courses in simulation environments

#### Users feedback

Interface with non-IHO testbeds



#### S-100WG

#### Get tasked by HSSC9 to:

Incorporate into interoperational test scenarios

 Gives feedback to NCWG and NIPWG after testing Consider the need to visualize data quality

# Generic Rules for the Portrayal of Nautical Information

### → Feature with geo-reference

Work items	Responsibility
Describe the application	NIPWG
Draft portrayal ideas	NIPWG
Evaluate NIPWG's draft	NCWG
Initiate testing in S-100 testbeds	NCWG

## Generic Rules for the Portrayal of Nautical Information

- Features with no geo-reference
  - Options to indicate that additional, not charted, information exists
    - Extra symbol added to current symbol
    - Highlight features differently
    - Checkbox to jump to nautical information
    - Provide additional display layer for nautical information
      - With different portrayal rules?
      - For different semantic groups (e.g radio, MPA, natural conditions)

## NIPWG's way forward

- Workshop on Visualisation of Nautical Information (VINO)
  - Investigate portrayal methods
  - Investigate options to access data
  - Improve the MPA proposal (provided on a later slide)

## S-122 (MPA) Portrayal

- Description of the features
  - Features with geo-reference
    - Marine Protected Area (MISSING)
    - Restricted Area (portrayal rules already defined)
    - Wreck (portrayal rules already defined)
    - Traffic Control Service (portrayal rules partly defined)
    - Obstruction (portrayal rules already defined)

## S-122 (MPA) Portrayal

- Description of the features
  - Features with no geo-reference (Information Type)
    - Authority
    - Ship Report
    - Contact Details
    - Applicability
    - Service Hours
    - Non Standard Working Day
    - Regulations/Restrictions/Recommendations/Nautical Information
    - Supplementary Information (implementation pending)

## S-122 (MPA) Portrayal proposal

- Description of the MPA feature border
  - Green textures of the area is an option
  - Green fade out of the border towards the inner section of the area is another possible option

Category of Restricted Area doesn't exist



## S-122 (MPA) Portrayal proposal

- Proposal considers
  - NCWG2-08.11A Restrictions in Marine reserve
  - INT1 Number N22 (S-4 section 437.6)
- Colour definition draft is provided at
  - CSPCWG 11-08.12B Study of possible green colour shades for MPA portrayal

## S-122 (MPA) Portrayal

- NCWG is invited
  - To note the report
  - Provide guidance on the further portrayal draft development