1. **Test Dataset: 101AA00DS0017 – Dataset 011 (20221103 FINAL)**

|  |  |  |
| --- | --- | --- |
| **Ref** | **Feature** | **Page** |
| 17.1 | Minefields (2) | 2 |
| 17.2 | Degaussing ranges (2) | 2 |
| 17.3 | Nature reserves (see 17.8 and 17.9) | 2 |
| 17.4 | Speed limits (see 17.8) | 3 |
| 17.5 | Anchoring restricted (2) | 3 |
| 17.6 | Areas to be avoided (4) | 4 |
| 17.7 | Environmentally Sensitive Sea Areas (see 17.8 and 17.9) | 4 |
| 17.8 | Restricted area navigational (3) | 5 |
| 17.9 | Restricted area regulatory (6) | 6 |

(**XX** feature instances)

Dataset Specifications

See document located in github [S-101-Test-Datasets/S-101 Test Dataset Specification 20220725 1.0 FINAL.docx at main · iho-ohi/S-101-Test-Datasets (github.com)](https://github.com/iho-ohi/S-101-Test-Datasets/blob/main/dev/docs/S-101%20Test%20Dataset%20Specification%2020220725%201.0%20FINAL.docx)

**First draft note:** The S-52 PresLib 4.0.2 spreadsheet only details ESSA and PSSA with different symbology, so for now I’ve included a range of such scenarios under 17.8 and 17.9 below. Some of the other sections are intertwined with those sections, so I’ve added a ”see example 17.8” type note in their Description boxes. For the others, I’ve just included the basic attribution as detailed in DCEG.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.1 | | |  |
| **Description** | | Minefields (surface) | | |
| **Location** | | | **Description** | |
| 32°08'49.0"S 61°30'19.9"E | | | 1. Restricted Area Navigational (surface) 2. category of restricted area = 14: minefield 3. Restricted Area Regulatory (surface) 4. category of restricted area = 14: minefield 5. status = 4: not in use | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.2 | | |  |
| **Description** | | Degaussing ranges (surface) | | |
| **Location** | | | **Description** | |
| 32°08'49.0"S 61°33'23.1"E | | | 1. Restricted Area Navigational (surface) 2. category of restricted area = 8: degaussing range 3. Restricted Area Regulatory (surface) 4. category of restricted area = 8: degaussing range 5. information: 6. text = ”A maximum of one vessel permitted in the area at any time” | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.3 | | |  |
| **Description** | | Nature reserves (surface) | | |
| **Location** | | | **Description** | |
| 32°08'49.0"S 61°36'26.3"E | | | See examples under 17.8 (point 2) and 17.9 (point 4) | |
| **Screen Capture** | |  | | |
| **Scenario** | 17.4 | | |  |
| **Description** | | Speed limits (surface) | | |
| **Location** | | | **Description** | |
| 32°11'11.8"S 61°30'19.9"E | | | See example under 17.8 (point 2) | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.5 | | |  |
| **Description** | | Anchoring restricted (surface) | | |
| **Location** | | | **Description** | |
| 32°11'11.8"S 61°32'22.0"E | | | 1. Restricted Area Regulatory (surface) 2. restriction = 1: anchoring prohibited 3. information: 4. text = ”no vessels of any class permitted to anchor in this area” 5. language [*equivalent national wording*] 6. Restricted Area Regulatory (surface) 7. restriction = 1: anchoring restricted 8. information: 9. text = ”anchoring permitted solely for Neptune Navy vessels” | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.6 | | |  |
| **Description** | | Areas to be avoided (surface) | | |
| **Location** | | | **Description** | |
| 32°11'11.8"S 61°35'25.2"E | | | 1. Restricted Area Navigational (surface) 2. restriction = 14: area to be avoided 3. Restricted Area Navigational (surface) - *captured around a navigational aid* 4. restriction = 14: area to be avoided 5. category of restricted area = 12: navigational aid safety zone 6. Restricted Area Navigational (surface) 7. restriction = 7: entry prohibited 8. Restricted Area Navigational (surface) 9. restriction = 8: entry restricted | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.7 | | |  |
| **Description** | | Environmentally Sensitive Sea Areas (surface) | | |
| **Location** | | | **Description** | |
| 32°13'34.6"S 61°30'19.9"E | | | See examples under 17.8 (points 2 and 3) and 17.9 (points 1, 2 and 6) | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.8 | | |  |
| **Description** | | Restricted Area Navigational (surface) | | |
| **Location** | | | **Description** | |
| 32°13'34.6"S 61°36'26.3"E | | | 1. Restricted Area Navigational (surface)    1. restriction = 1: anchoring prohibited 2. Restricted Area Navigational (surface) 3. category of restricted area = 4: nature reserve; 27: environmentally sensitive sea area 4. feature name:   i. name = “Protected Zone A”   1. information:   i. text = “Seadragons”   1. restriction = 1: anchoring prohibited; 13: no wake; 27: speed restricted 2. status = 1: permanent 3. vessel speed limit:   i. speed limit = “2 knots”   1. Restricted Area Navigational (surface)   a. category of restricted area = 28: particularly sensitive sea area  b. feature name:  i. name = “Protected Zone B”  c. information:  i. text = “Dwarf Seahorses”  d. restriction = 1: anchoring prohibited  e. status = 1: permanent | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 17.9 | | |  |
| **Description** | | Restricted Area Regulatory (surface) | | |
| **Location** | | | **Description** | |
| 32°15'57.4"S 61°30'19.9"E | | | 1. Restricted Area Regulatory (surface) 2. category of restricted area = 27: environmentally sensitive sea area 3. Restricted Area Regulatory (surface) 4. category of restricted area = 28: particularly sensitive sea area 5. Restricted Area Regulatory (surface)    1. restriction = 7: entry prohibited 6. Restricted Area Regulatory (surface)    1. category of restricted area = 4: nature reserve; 22: fish sanctuary; 27: environmentally sensitive sea area    2. feature name:   i. name = “Protected Zone C”   * 1. information:   i. text = “Dwarf Seahorses”   * 1. restriction = 1: anchoring prohibited; 3: fishing prohibited; 5: trawling prohibited; 9: dredging prohibited; 16: discharging prohibited; 24: dragging prohibited   2. status = 1: permanent  1. Restricted Area Regulatory (surface) 2. restriction = 25: stopping prohibited 3. feature name:   i. name = “Protected Zone D”   1. Restricted Area Regulatory (surface) 2. category of restricted area = 28: particularly sensitive sea area 3. feature name:    * 1. name = “Protected Zone E” 4. information: 5. text = “Striped Seahorses. Vessels must comply with the Regulations of Neptune Kingdom, Section 5c” 6. language = [*equivalent national wording]* 7. restriction = 1: anchoring prohibited; 25: stopping prohibited   **NOTE:** other features having the ”restricted” attribute (e.g. Anchorage Area, Cable Area) not currently included here. (Am thinking they’ll be included elsewhere...) | |
| **Screen Capture** | |  | | |