1. **Test Dataset: 101AA00DS0011 – Dataset 011 (20221008 FINAL)**

|  |  |  |
| --- | --- | --- |
| **Ref** | **Feature** | **Page** |
| 11.3 | Sounding (10) | 2 |
| 11.4 | Dredged Area (8) | 3-4 |
| 11.5 | Swept Area (2) | 4 |
| 11.6 | Depth Contour (8) | 4-5 |
| 11.7 | Depth Area (3) | 5 |
| 11.8 | Depth – no bottom found (2) | 5-6 |
| 11.10 | Unsurveyed Area (2) | 6 |

(**35** 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)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.3 | | |  |
| **Description** | | Sounding | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Sounding (pointset)    1. quality of vertical measurement = 1: depth known (values 11.0, 13.6, 15.7, 17.4 and 19.9) 2. Sounding (pointset)    1. quality of vertical measurement = 1: depth known (values 12.0, 14.6, 16.7, 18.4 and 19.9)    2. scale minimum = *a known value* that is within the scale range of the ENC (for example, 89999) 3. Sounding (pointset)    1. quality of vertical measurement = 3: doubtful sounding [value “1.5”] 4. Sounding (pointset)    1. quality of vertical measurement = 4: unreliable sounding [value “2.1”] 5. Sounding (pointset)    1. quality of vertical measurement = 8: value reported (not surveyed) [value “3.7”] 6. Sounding (pointset)    1. quality of vertical measurement = 9: value reported (not confirmed) [value “4.6”] 7. Sounding (pointset)    1. status = 18: existence doubtful [value “5.2”] 8. Sounding (pointset)    1. captured with a drying value “-0.9”    2. information:    3. text = “Dries, but hard to see” 9. Sounding (pointset)    1. captured with a drying value “-1.6”    2. Information:    3. text = “Dries, but hard to see” 10. Sounding (pointset)     1. captured with a drying value “-2.8” | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.4 | | |  |
| **Description** | | Dredged Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Dredged Area (surface)    1. known depth range minimum value “15.0m” **=** known depth range maximum value “15.0m” 2. Dredged Area (surface)    1. known depth range minimum value “8.0m” **<** known depth range maximum value “12.0m” 3. Dredged Area (surface)    1. known depth range minimum value “13.0m” = known depth range maximum value “13.0m”    2. quality of vertical measurement = 10: maintained depth 4. Dredged Area (surface)    1. known depth range minimum value “14.0m” = known depth range maximum value “14.0m”    2. quality of vertical measurement = 10: maintained depth    3. dredged date = “20220810” 5. Dredged Area (surface)    1. known depth range minimum value “12.0m” = known depth range maximum value “12.0m”    2. quality of vertical measurement = 11: not regularly maintained 6. Dredged Area (surface)    1. known depth range minimum value “13.0m” = known depth range maximum value “13.0m”    2. quality of vertical measurement = 11: not regularly maintained    3. dredged date = “20160925” 7. Dredged Area (surface)    1. known depth range minimum value “15.0m” = known depth range maximum value “15.0m”    2. restriction = 1: anchoring prohibited 8. Dredged Area (surface)    1. known depth range minimum value “8.0m” **=** known depth range maximum value “8.0m”    2. Information:    3. text = “Dredged on first Tuesday of every month” | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.5 | | |  |
| **Description** | | Swept Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Swept Area (surface) 2. depth range minimum value = “15.0” 3. Swept Area (surface)    1. depth range minimum value = “15.0”    2. swept date = “20220829” | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.6 | | |  |
| **Description** | | Depth Contour | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Depth Contour (curve) 2. value of depth contour = “20” [each end of the contour to meet the cell boundary] 3. Depth Contour (curve) 4. value of depth contour = “30” [each end of the contour to meet the cell boundary] 5. Depth Contour (curve) 6. value of depth contour = “47” [each end of the contour to meet the cell boundary] 7. Depth Contour (curve)    1. value of depth contour = “0.4” [each end of the contour to meet the cell boundary]    2. information: 8. text = “Regularly surveyed” 9. Depth Contour (curve)    1. value of depth contour = “20”, [each end of the contour to meet the cell boundary]    2. spatial quality = 4: approximate 10. Depth Contour (curve) 11. value of depth contour = “10” 12. captured as a “hanging” (floating) contour. [That is, the ends of the contour do NOT meet the cell boundary or any Skin Of The Earth feature] 13. Depth Contour (curve) 14. value of depth contour = “5” 15. captured with several gaps that are joined to the 5m contour sections with “closing-lines" | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.7 | | |  |
| **Description** | | Depth Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Depth Area (surface) 2. depth range minimum value “5.0” **<** depth range maximum value “10.0” 3. Depth Area (surface) 4. depth range minimum value “10.0” **<** depth range maximum value “20.0” 5. Depth Area (surface) 6. depth range minimum value “20.0” **<** depth range maximum value “30.0” 7. quality of horizontal measurement = 4: approximate | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.8 | | |  |
| **Description** | | Depth – no bottom found | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Depth – no bottom found (pointset) 2. to a whole metre value of “25.0” 3. Depth – no bottom found (pointset)    1. to a whole metre value of “35.0”    2. technique of vertical measurement = 8: swept by vertical acoustic system    3. Information:       1. text = “Swept by survey vessel SS Fitzwilliam”] | |
| **Screen Capture** | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Scenario** | 11.10 | | |  |
| **Description** | | Unsurveyed Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Unsurveyed Area (surface) – *without attribution* 2. Unsurveyed Area (surface)    1. Information:       1. text = “Due to be surveyed in June 2023” | |
| **Screen Capture** | |  | | |