1. **Test Dataset: 101AA00DS0005 – Dataset 005 (FINAL 20220701)**

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| --- | --- | --- |
| **Ref** | **Feature** | **Page** |
| 5.3 | Coastline (7) | 2 |
| 5.4 | Land Area (8) | 2 |
| 5.6 | Land Elevation (2) | 2 |
| 5.7 | River (2) | 3 |
| 5.8 | Rapids (3) | 3 |
| 5.9 | Waterfall (3) | 3 |
| 5.10 | Lake (1) | 3 |
| 5.11 | Land Region (4) | 4 |
| 5.12 | Vegetation (3) | 4 |
| 5.13 | Ice Area (1) | 4 |
| 5.14 | Sloping Ground (4) | 5 |
| 5.15 | Slope Topline (5) | 5 |
| 5.16 | Tideway (2) | 5 |

(41 feature instances)

**General Guidelines**

The dataset shall cover the extent specified in the test dataset scheme.

Cells should have a minimum display scale of 22000 and a maximum display scale of 90000

Features should be captured to allow some room for additional features in the dataset in future.

Although features should be captured in a logical combination in terms of geometry they do not need to reflect real world features so an approach similar to that used in S-64 dataset GB4X0001 is expected.

Single overall DEPARE 20m shall be included and other features added as required so that a consistent scheme exists.

Producer Agency code AA00 shall be used with the numerical value 1810.

All mandatory S-101 features shall be present in the dataset and all mandatory attributes shall be populated.

* + Data Coverage
  + Quality of Bathymetric data (areas containing depth information and at maximum display scale 1:700000 and larger)
  + Navigational System of Marks

The dataset shall conform to S-101 Feature Catalogue 1.0.2 20220419 and DCEG 1.0.2.

Screenshots in the below documentation should be created using the latest available version of the NIWC viewer.

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| **Reference** | 5..3 | | |  |
| **Description** | | Coastline | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Coastline (curve) Category of coastline = 6 glacier, seaward end 2. Coastline (curve) Category of coastline = 7 mangrove 3. Coastline (curve) Category of coastline = 8 marshy shore 4. Coastline (curve) Category of coastline = 10 ice coast 5. Coastline (curve) Quality of horizontal measurement = 4 approximate (spatial attribute) 6. Coastline (curve) Radar conspicuous = true 7. Coastline (curve) Radar conspicuous = flase | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.4 | | |  |
| **Description** | | Land Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Land Area (point) x3 2. Land Area (curve) 3. Land Area (curve) Quality of horizontal measurement = 4 approximate (spatial attribute) 4. Land Area (surface) 5. Land Area (surface) Condition = 1 under construction 6. Land Area (surface) Condition = 2 under reclamation 7. Land Area (surface) Condition = 3 planned construction 8. Island Group – aggregating the 3 point features   `1 | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.6 | | |  |
| **Description** | | Land Elevation | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Land Elevation (point) elevation = 50 2. Land Elevation (curve) x3 elevation = 10, 20, 30 | |
| **Screen Capture** | |  | | |
| **Scenario** | 5.7 | | |  |
| **Description** | | River | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. River (curve) 2. River (surface) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.8 | | |  |
| **Description** | | Rapids | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Rapids(point) 2. Rapids (curve) 3. Rapids (surface) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.9 | | |  |
| **Description** | | Waterfall | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Waterfall (point) 2. Waterfall (curve) 3. Waterfall (curve) visual prominence = 1 visually conspicuous | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.10 | | |  |
| **Description** | | Lake | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Lake (surface) Feature Name = “Lake” | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.11 | | |  |
| **Description** | | Land Region | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Land Region (point) Feature Name = “Land Region Point” 2. Land Region (surface) Feature Name = “Land Region Surface” 3. Land Region (surface) Category of land region = 2 marsh 4. Land Region (surface) Category of land region = 12 swamp | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.12 | | |  |
| **Description** | | Vegetation | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Vegetation (point) 2. Vegetation (curve) 3. Vegetation (surface) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.13 | | |  |
| **Description** | | Ice Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Ice Area (surface) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.14 | | |  |
| **Description** | | Sloping Ground | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Sloping Ground (point) 2. Sloping Topline (surface) 3. Sloping Topline (surface) Category of slope = 2 embankment Radar conspicuous = true 4. Sloping Topline (surface) Category of slope = 6 cliff | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.15 | | |  |
| **Description** | | Sloping Topline | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Sloping Topline (point) 2. Sloping Topline (point) Visual prominence = 1 visually conspicuous 3. Sloping Topline (curve) 4. Sloping Topline (curve) Category of slope = 2 embankment 5. Sloping Topline (curve) Category of slope = 6 cliff Radar conspicuous = true | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.16 | | |  |
| **Description** | | Tideway | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Tideway (curve) 2. Tideway (surface) | |
| **Screen Capture** | |  | | |