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° 33.2352' S 62° 13.1046' 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 = false | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.4 | | |  |
| **Description** | | Land Area | | |
| **Location** | | | **Description** | |
| 32° 31.6266' S 62° 12.3474' 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° 36.9408' S 62° 17.325' 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° 29.7486' S 62° 16.7796' E | | | 1. **River (curve)** 2. **River (surface)** | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.8 | | |  |
| **Description** | | Rapids | | |
| **Location** | | | **Description** | |
| 32° 29.8392' S 62° 15.7488' E | | | 1. **Rapids(point)** 2. **Rapids (curve)** 3. **Rapids (surface)** | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.9 | | |  |
| **Description** | | Waterfall | | |
| **Location** | | | **Description** | |
| 32° 30.0486' S 62° 16.6818' 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° 30.8418' S 62° 16.0374' E | | | 1. **Lake (surface) Feature Name = “Lake”** | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.11 | | |  |
| **Description** | | Land Region | | |
| **Location** | | | **Description** | |
| 32° 34.572' S 62° 17.4288' 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° 36.5376' S 62° 12.3378' E | | | 1. Vegetation (point) 2. Vegetation (curve) 3. Vegetation (surface) | |
| **Screen Capture** | |  | | |
| **Scenario** | 5.13 | | |  |
| **Description** | | Ice Area | | |
| **Location** | | | **Description** | |
| 32° 33.1848' S 62° 15.2208' E | | | 1. Ice Area (surface) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.14 | |  |
| **Description** | | Sloping Ground | |
| **Location** | | **Description** | |
| 32° 34.941' S 62° 12.429' 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° 35.6148' S 62° 17.268' E | | | 1. Slope Topline (point) 2. Slope Topline (point) Visual prominence = 1 visually conspicuous 3. Slope Topline (curve) 4. Slope Topline (curve) Category of slope = 2 embankment 5. Slope Topline (curve) Category of slope = 6 cliff Radar conspicuous = true | |
| **Screen Capture** | |  | | |

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| **Scenario** | 5.16 | | |  |
| **Description** | | Tideway | | |
| **Location** | | | **Description** | |
| 32° 33.1632' S 62° 16.5462' E | | | 1. Tideway (curve) 2. Tideway (surface) | |
| **Screen Capture** | | |  | |