1. **Test Dataset: 101AA00DS0016 – Dataset 016**

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(77 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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| **Scenario** | 16.3 | | |  |
| **Description** | | Anchorage Area | | |
| **Location** | | | **Description** | |
| 32°18'28.8"S 62°40'50.4"E | | | 1. Anchorage Area (Point) 2. Anchorage Area (Surface) name = “No. 1” 3. Anchorage Area (Surface) name = “Named Anchorage” 4. Anchorage Area (Surface) category of anchorage = 2 (Deep Water Anchorage) 5. Anchorage Area (Surface) category of anchorage = 3 (Tanker Anchorage) 6. Anchorage Area (Surface) category of anchorage = 4 (Explosives Anchorage) 7. Anchorage Area (Surface) category of anchorage = 5 (Quarantine Anchorage) 8. Anchorage Area (Surface) category of anchorage = 6 (Seaplane Anchorage) 9. Anchorage Area (Surface) category of anchorage = 7 (Small Craft Anchorage) | |
| **Screen Capture** | | Plain    Symbolized | | |

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| **Scenario** | 16.4 | | |  |
| **Description** | | Anchor Berths | | |
| **Location** | | | **Description** | |
| 32°19'16.4"S 62°40'50.4"E | | | 1. Anchorage Berth (Point) 2. Anchorage Berth (Surface) name = “No. 1” 3. Anchorage Berth (Surface) name = “Named Anchorage” 4. Anchorage Berth (Surface) category of anchorage = 2 (Deep Water Anchorage) 5. Anchorage Berth (Surface) category of anchorage = 3 (Tanker Anchorage) 6. Anchorage Berth (Surface) category of anchorage = 4 (Explosives Anchorage) 7. Anchorage Berth (Surface) category of anchorage = 5 (Quarantine Anchorage) 8. Anchorage Berth (Surface) category of anchorage = 7 (Small Craft Anchorage) | |
| **Screen Capture** | | Plain and symbolized | | |

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| **Scenario** | 16.5 | | |  |
| **Description** | | Seaplane Landing Area | | |
| **Location** | | | **Description** | |
| 32°20'04.0"S 62°40'50.4"E | | | 1. Seaplane Landing Area (point) 2. Seaplane Landing Area (Surface) restriction = 1 (anchoring prohibited) 3. Seaplane Landing Area (Surface) restriction = 3 (fishing prohibited) 4. Seaplane Landing Area (Surface) restriction = 7 (entry prohibited) | |
| **Screen Capture** | | Plain    symbolized | | |

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| **Scenario** | 16.6 | | |  |
| **Description** | | Dumping Ground | | |
| **Location** | | | **Description** | |
| 32°20'04.0"S 62°45'55.7"E | | | 1. Dumping Ground (Point) 2. Dumping Ground (Point) category of dumping ground = 2 (Chemical Waste Dumping Ground) 3. Dumping Ground (Point) category of dumping ground = 4 (Explosives dumping ground) 4. Dumping Ground (Surface) 5. Dumping Ground (Surface) category of dumping ground = 2 (Chemical Waste dumping ground)    1. Feature Name = “Dumping Ground for Chemicals” 6. Dumping Ground (Surface) category of dumping ground = 3 (Explosives Waste dumping ground)    1. Feature Name = “Dumping Ground for Explosives” 7. Dumping Ground (Surface) category of dumping ground = 5 (spoil ground)    1. Status = not in use | |
| **Screen Capture** | | Simplified      Symbolized | | |

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| **Scenario** | 16.7 | |  |
| **Description** | | Military Practice Area | |
| **Location** | | **Description** | |
| 32°20'51.6"S 62°44'54.7"E | | 1. Military Practice Area (Point) 2. Military Practice Area (Surface) restriction = 7 (Entry Prohibited) 3. Military Practice Area (Surface) category of military practice area = 2 (torpedo exercise area)    1. Display Name = “Torpedo Exercise Area” 4. Military Practice Area (Surface) category of military practice area = 3 (submarine exercise area)    1. Display Name = “Submarine Exercise Area” 5. Military Practice Area (Surface) category of military practice area = 4 (firing danger area)    1. Display Name = “Firing Danger Area” 6. Military Practice Area (Surface) category of military practice area = 5 (mine-laying practice area)    1. Display Name = “Mine-Laying Practice Area” 7. Military Practice Area (Surface) category of military practice area = 6 (small arms firing range)    1. Display Name = “Small Arms Firing Range” | |
| **Screen Capture** | | Plain      Symbolized | |

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| **Scenario** | 16.8 | | |  |
| **Description** | | Administration Area | | |
| **Location** | | | **Description** | |
| 32°21'39.2"S 62°43'53.6"E | | | 1. Administration Area (surface) jurisdiction = 1 (international)    1. Feature name = “Administration Area Surface – International” 2. Administration Area (surface) jurisdiction = 2 (national)    1. Feature name = “Administration Area Surface – National” 3. Administration Area (surface) jurisdiction = 3 (national sub-division)    1. Feature name = “Administration Area Surface – National Sub-Division” 4. Administration Area (surface) jurisdiction = 1 (international)    1. Feature name = “Administration Area Surface – In Dispute”    2. In dispute = TRUE | |
| **Screen Capture** | | Simplified    Symbolized | | |

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| **Scenario** | 16.9 | | |  |
| **Description** | | Cargo Transhipment Area | | |
| **Location** | | | **Description** | |
| 32°21'39.2"S 62°48'58.9"E | | | 1. Cargo Transhipment Area (point) 2. Cargo Transhipment Area (surface) 3. Fishing Ground (surface) restriction = 2 (anchoring restricted) 4. Fishing Ground (surface) restriction = 3 (fishing prohibited) 5. Fishing Ground (surface) restriction = 8 (entry restricted) | |
| **Screen Capture** | | Simplified      Symbolized | | |

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| **Scenario** | 16.10 | | |  |
| **Description** | | Caution Area | | |
| **Location** | | | **Description** | |
| 32°22'26.8"S 62°45'55.7"E | | | 1. Caution Area (Point) condition = 1 (Under Construction) 2. Caution Area (Point) condition = 3 (Under Reclamation) 3. Caution Area (Point) condition = 5 (Planned Construction) 4. Caution Area (Surface) condition = 1 (Under Construction) 5. Caution Area (Surface) condition = 3 (Under Reclamation) 6. Caution Area (Surface) condition = 5 (Planned Construction) | |
| **Screen Capture** | | Simplified      Symbolized | | |

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| **Scenario** | 16.11 | | |  |
| **Description** | | Information Area | | |
| **Location** | | | **Description** | |
| 32°23'14.4"S 62°43'53.6"E | | | 1. Information Area (point) 2. Information Area (Curve) 3. Information Area (Surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.12 | | |  |
| **Description** | | Contiguous Zone | | |
| **Location** | | | **Description** | |
| 32°23'14.4"S 62°47'57.9"E | | | 1. Contiguous Zone (surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.13 | | |  |
| **Description** | | Continental Shelf Area | | |
| **Location** | | | **Description** | |
| 32°24'02.0"S 62°40'50.4"E | | | 1. Continental Shelf Area (Surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.14 | | |  |
| **Description** | | Custom Zone | | |
| **Location** | | | **Description** | |
| 32°24'02.0"S 62°42'52.5"E | | | 1. Custom Zone (surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.15 | | |  |
| **Description** | | Exclusive Economic Zone | | |
| **Location** | | | **Description** | |
| 32°24'02.0"S 62°44'54.7"E | | | 1. Exclusive Economic Zone (surface) 2. Exclusive Economic Zone (Surface) in dispute = TRUE | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.16 | | |  |
| **Description** | | Fishery Zone | | |
| **Location** | | | **Description** | |
| 32°24'02.0"S 62°47'57.9"E | | | 1. Fishery Zone (surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.17 | | |  |
| **Description** | | Fishing Ground | | |
| **Location** | | | **Description** | |
| 32°24'49.6"S 62°40'50.4"E | | | 1. Fishing Ground (surface) 2. Fishing Ground (surface) restriction = 1 (anchoring prohibited) 3. Fishing Ground (surface) restriction = 4 (fishing restricted) 4. Fishing Ground (surface) restriction = 8 (entry restricted) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.18 | | |  |
| **Description** | | Free Port Area | | |
| **Location** | | | **Description** | |
| 32°24'49.6"S 62°45'55.7"E | | | 1. Free Port Area (Surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.19 | | |  |
| **Description** | | Harbour Area | | |
| **Location** | | | **Description** | |
| 32°24'49.6"S 62°47'57.9"E | | | 1. Harbour Area (Surface) | |
| **Screen Capture** | | Simplified    Symbolized | | |

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| **Scenario** | 16.20 | | |  |
| **Description** | | Log Pond | | |
| **Location** | | | **Description** | |
| 32°25'37.2"S 62°40'50.4"E | | | 1. Log Pond (point) 2. Log Pond (surface) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.21 | | |  |
| **Description** | | Oil Barrier | | |
| **Location** | | | **Description** | |
| 32°25'37.2"S 62°43'53.6"E | | | 1. Oil Barrier (curve) category of oil barrier = 1 (Oil retention) 2. Oil Barrier (curve) category of oil barrier = 2 (floating oil barrier) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.22 | | |  |
| **Description** | | Straight Territorial Sea Baseline | | |
| **Location** | | | **Description** | |
| 32°25'37.2"S 62°46'56.8"E | | | 1. Straight Territorial Sea Baseline (curve) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.23 | | |  |
| **Description** | | Territorial Sea Area | | |
| **Location** | | | **Description** | |
| 32°25'37.2"S 62°48'58.9"E | | | 1. Territorial Sea Area (Surface) 2. Territorial Sea Area (Surface) in dispute = TRUE | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.24 | | |  |
| **Description** | | Submarine Transit Lane | | |
| **Location** | | | **Description** | |
| 32°26'24.8"S 62°42'52.5"E | | | 1. Submarine Transit Lane (surface) 2. Submarine Transit Lane (surface) restriction = 1 (anchoring prohibited) 3. Submarine Transit Lane (surface) restriction = 3 (fishing prohibited) 4. Submarine Transit Lane (surface) restriction = 7 (entry prohibited) | |
| **Screen Capture** | | Simplified    Symbolized | | |

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| **Scenario** | 16.25 | | |  |
| **Description** | | Pilotage District | | |
| **Location** | | | **Description** | |
| 32°26'24.8"S 62°47'57.9"E | | | 1. Pilotage District (Surface) | |
| **Screen Capture** | | Simplified  Symbolized | | |

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| **Scenario** | 16.26 | | |  |
| **Description** | | Collision Regulations Limit | | |
| **Location** | | | **Description** | |
| 32°27'12.4"S 62°40'50.4"E | | | 1. Collision Regulations Limit (Curve) | |
| **Screen Capture** | | Simplified and Symbolized | | |

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| **Scenario** | 16.27 | | |  |
| **Description** | | Marine Pollution Regulations Area | | |
| **Location** | | | **Description** | |
| 32°27'12.4"S 62°42'52.5"E | | | 1. Marine Pollution Regulations Area (surface) | |
| **Screen Capture** | | Simplified    Symbolized | | |