1. **Test Dataset: 101AA00DS0007 – Dataset 007 (FINAL 20220701)**

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(61 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** | 7.2 | | |  |
| **Description** | | Landmarks | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Landmark (area) 2. Landmark (curve) 3. Landmark (point) category of landmark = 1 (Cairn) 4. Landmark (point) category of landmark = 2 (Cemetery) 5. Landmark (point) category of landmark = 3 (Chimney) 6. Landmark (point) category of landmark = 4 (Dish Aerial) 7. Landmark (point) category of landmark = 5 (Flagstaff) 8. Landmark (point) category of landmark = 6 (Flare Stack) 9. Landmark (point) category of landmark = 7 (Mast)    1. Function = 29 (communication) 10. Landmark (point) category of landmark = 7 (Mast)     1. Function = 40 (Airship Mooring) 11. Landmark (point) category of landmark = 7 (Mast)     1. Function = 32 (Radar) 12. Landmark (point) category of landmark = 7 (Mast)     1. Function = 31 (Radio) 13. Landmark (point) category of landmark = 7 (Mast)     1. Function = 31 (Television) 14. Landmark (point) category of landmark = 8 (Windsock) 15. Landmark (point) category of landmark = 9 (Monument) 16. Landmark (point) category of landmark = 10 (Column/Pillar) 17. Landmark (point) category of landmark = 12 (Obelisk) 18. Landmark (point) category of landmark = 13 (Statue) 19. Landmark (point) category of landmark = 14 (Cross) 20. Landmark (point) category of landmark = 15 (Dome)     1. Function = 20 (Church) 21. Landmark (point) category of landmark = 15 (Dome)     1. Function = 32 (Radar) 22. Landmark (point) category of landmark = 16 (Radar Scanner) 23. Landmark (point) category of landmark = 17 (Tower)     1. Function = 38 (Clock) 24. Landmark (point) category of landmark = 17 (Tower)     1. Function = 20 (Church) 25. Landmark (point) category of landmark = 17 (Tower)     1. Function = 28 (Lookout) 26. Landmark (point) category of landmark = 17 (Tower)     1. Function = 29 (Communication) 27. Landmark (point) category of landmark = 17 (Tower)     1. Function = 33 (Light Support) 28. Landmark (point) category of landmark = 17 (Tower)     1. Function = 34 (Microwave) 29. Landmark (point) category of landmark = 17 (Tower)     1. Function = 39 (Control) 30. Landmark (point) category of landmark = 17 (Tower)     1. Function = 35 (Cooling) 31. Landmark (point) category of landmark = 17 (Tower)     1. Function = 36 (Observation) 32. Landmark (point) category of landmark = 17 (Tower)     1. Function = 32 (Radar) 33. Landmark (point) category of landmark = 17 (Tower)     1. Function = 31 (Radio) 34. Landmark (point) category of landmark = 7 (Mast)     1. Function = 30 (Television) 35. Landmark (point) category of landmark = 18 (Windmill) 36. Landmark (point) category of landmark = 20 (Spire/Minaret)     1. Function = 20 (Church) 37. Landmark (point) category of landmark = 20 (Spire/Minaret)     1. Function = 26 (Mosque) 38. Landmark (point) category of landmark =Rock/Boulder on land) 39. Landmark (point) category of landmark = 23 (Boundary mark) 40. Landmark (point) category of landmark = 26 (bridge) 41. Landmark (point) category of landmark = 27 (dam) 42. Landmark (curve) category of special purpose mark = 16 (Leading Mark) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 7.3 | | |  |
| **Description** | | Silo/Tank | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Silo/Tank (point) visual prominence = 1 (Visually Conspicuous) 2. Silo/Tank (area) visual prominence = 2 (Not Visually Conspicuous) 3. Silo/Tank (point) category of silo/tank = 4 (Water Tower)    1. Silo/Tank (point) product = 3 (Water) 4. Silo/Tank (point) category of silo/tank = 3 (Grain Elevator)    1. Silo/Tank (point) product = 22 (Grain) 5. Silo/Tank (point) category of silo/tank = 2 (Tank in general) 6. Silo/Tank (point) category of silo/tank = 1 (Silo in general) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 7.4 | | |  |
| **Description** | | Wind Turbine | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Wind Turbine (point) visual prominence = 1 (Visually Conspicuous) 2. Wind Turbine (point) visual prominence = 2 (Not Visually Conspicuous) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 7.5 | | |  |
| **Description** | | Fortified Structure | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Fortified Structure (point) category of fortified structure = 1 (Castle)    1. Fortified Structure (point) visual prominence = 1 (Visually Conspicuous) 2. Fortified Structure (point) category of fortified structure = 1 (Castle)    1. Fortified Structure (point) visual prominence = 2 (Not Visually Conspicuous) 3. Fortified Structure (area) category of fortified structure = 1 (Fort) 4. Fortified Structure (curve) category of fortified structure = 9 (Rampart) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 7.6 | | |  |
| **Description** | | Production/Storage Area | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Production/Storage (area) category of production area = 12 (Solar Farm) 2. Production/Storage (area) category of production area = 9 (Wind Farm)    1. Production/Storage (area) visual prominence = 1 (Visually Conspicuous) 3. Production/Storage (area) category of production area = 9 (Wind Farm)    1. Production/Storage (point) visual prominence = 2 (Not Visually Conspicuous) 4. Production/Storage (area) category of production area = 8 (Tank Farm)    1. Production/Storage (area) visual prominence = 1 (Visually Conspicuous) 5. Production/Storage (area) category of production area = 8 (Tank Farm)    1. Production/Storage (area) visual prominence = 2 (Not Visually Conspicuous) 6. Production/Storage (point) category of production area = 6 (Timber Yard) 7. Production/Storage (point) category of production area = 2 (Mine) | |
| **Screen Capture** | |  | | |