# **Test Dataset: 101AA00DS0010 – Dataset 010 (FINAL 20220701)**

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( 25 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)

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| **Reference** | 10.2 | | |  |
| **Description** | | Tidal Stream – Flood/Ebb | | |
| **Location** | | | **Description** | |
| 32° 26.6664' S 61° 42.4206' E | | | 1. Tidal Stream – Flood/Ebb (Point)    1. Category of tidal stream = 1 (Flood stream)    2. Display name = ”Tidal Stream – Flood”    3. Orientation Value = 90.0    4. Speed Maximum = 4.5 2. Tidal Stream – Flood/Ebb (Point)    1. Category of tidal stream = 1 (Flood stream)    2. Display name = ”Tidal Stream – Uncertain Direction” 3. Tidal Stream – Flood/Ebb (Point)    1. Category of tidal stream = 2 (Ebb stream)    2. Display name = ”Tidal Stream – Ebb”    3. Orientation Value = 180.0    4. Speed Maximum = 4.5 4. Tidal Stream – Flood/Ebb (Surface)    1. Category of Tidal Stream = 1 (Flood Stream) 5. Tidal Stream – Flood/Ebb (Surface)    1. Category of Tidal Stream = 2 (Ebb Stream) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 10.3 | | |  |
| **Description** | | Current – Non-Gravitational | | |
| **Location** | | | **Description** | |
| 32° 26.6178' S 61° 47.2902' E | | | 1. Current – Non-Gravitational (Point)    1. Display name = “Current non-gravitational”    2. Orientation = “135.0”    3. Speed maximum = 2.5    4. Speed minimum = 1.0 2. Current – Non-Gravitational (Point)    1. Display name = “Current non-gravitational intermittent”    2. Orientation = “135.0”    3. Speed maximum = 2.5    4. Speed minimum = 1.0    5. Status = 5 (intermittent) 3. Current – Non-Gravitational (Point)    1. Display name = “Current non-gravitational uncertain” | |
| **Screen Capture** | |  | | |

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| **Scenario** | 10.4 | | |  |
| **Description** | | Water Turbulence | | |
| **Location** | | | **Description** | |
| 32° 23.2062' S 61° 44.196' E | | | 1. Water Turbulence (point)    1. Display name = “Breakers”    2. Category of water turbulence = 1 (Breakers) 2. Water Turbulence (point)    1. Display name = “Eddies”    2. Category of water turbulence = 2 (Eddies) 3. Water Turbulence (point)    1. Display name = “Overfalls”    2. Category of water turbulence = 3 (Overfalls) 4. Water Turbulence (point)    1. Display name = “Tide Rips”    2. Category of water turbulence = 4 (Tide Rips) 5. Water Turbulence (point)    1. Display name = “Bombora”    2. Category of water turbulence = 5 (Bombora) 6. Water Turbulence (curve)    1. Display name = “Breakers”    2. Category of water turbulence = 1 (Breakers) 7. Water Turbulence (curve)    1. Display name = “Eddies”    2. Category of water turbulence = 2 (Eddies) 8. Water Turbulence (curve)    1. Display name = “Overfalls”    2. Category of water turbulence = 3 (Overfalls) 9. Water Turbulence (curve)    1. Display name = “Tide Rips”    2. Category of water turbulence = 4 (Tide Rips) 10. Water Turbulence (curve)     1. Display name = “Bombora”     2. Category of water turbulence = 5 (Bombora) 11. Water Turbulence (area)     1. Display name = “Breakers”     2. Category of water turbulence = 1 (Breakers) 12. Water Turbulence (area)     1. Display name = “Eddies”     2. Category of water turbulence = 2 (Eddies) 13. Water Turbulence (area)     1. Display name = “Overfalls”     2. Category of water turbulence = 3 (Overfalls) 14. Water Turbulence (area)     1. Display name = “Tide Rips”     2. Category of water turbulence = 4 (Tide Rips) 15. Water Turbulence (area)     1. Display name = “Bombora”     2. Category of water turbulence = 5 (Bombora) | |
| **Screen Capture** | |  | | |

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| **Scenario** | 10.5 | | |  |
| **Description** | | Tidal Stream Panel Data | | |
| **Location** | | | **Description** | |
| 32° 19.9038' S 61° 41.7624' E | | | 1. Tidal Stream Panel Data (Point)    1. Display name = “Tidal Stream Panel Data – Point”)    2. Station name = “Plymouth (Devonport)”    3. Station number = 14    4. Reference tide = high water    5. Reference tide type = springs    6. Tidal stream value       1. Orientation value = 113       2. Speed maximum = 0.1       3. Time relative to tide = -6    7. Tidal stream value       1. Orientation value = 332       2. Speed maximum = 0.6       3. Time relative to tide = -5    8. Tidal stream value       1. Orientation value = 331       2. Speed maximum = 1.1       3. Time relative to tide = -4    9. Tidal stream value       1. Orientation value = 342       2. Speed maximum = 1.0       3. Time relative to tide = -3    10. Tidal stream value        1. Orientation value = 347        2. Speed maximum = 0.7        3. Time relative to tide = -2    11. Tidal stream value        1. Orientation value = 333        2. Speed maximum = 0.5        3. Time relative to tide = -1 2. Tidal Stream Panel Data (Area)    1. Display name = “Tidal Stream Panel Data – Area”)    2. Station name = “Plymouth (Devonport)”    3. Station number = 0014    4. Reference tide = high water    5. Reference tide type = springs    6. Tidal stream value       1. Orientation value = 113       2. Speed maximum = 0.1       3. Time relative to tide = -6    7. Tidal stream value       1. Orientation value = 332       2. Speed maximum = 0.6       3. Time relative to tide = -5    8. Tidal stream value       1. Orientation value = 331       2. Speed maximum = 1.1       3. Time relative to tide = -4    9. Tidal stream value       1. Orientation value = 342       2. Speed maximum = 1.0       3. Time relative to tide = -3    10. Tidal stream value        1. Orientation value = 347        2. Speed maximum = 0.7        3. Time relative to tide = -2    11. Tidal stream value        1. Orientation value = 333        2. Speed maximum = 0.5        3. Time relative to tide = -1 | |
| **Screen Capture** | |  | | |