1. **Test Dataset: 101AA00DS0004 – Dataset 004 (FINAL 20221004)**

|  |  |  |
| --- | --- | --- |
| **Ref** | **Feature** | **Page** |
| 4.1 | Magnetic Variation (3) | 2 |
| 4.2 | Local Magnetic Anomaly (3) | 2-3 |

(**6** 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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| **Scenario** | 4.1 | | |  |
| **Description** | | Magnetic Variation (point; curve; surface) | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Magnetic Variation (point)    1. reference year for magnetic variation = “2020----”    2. value of annual change in magnetic variation = “-0.4”    3. value of magnetic variation = “-2.0” 2. Magnetic Variation (curve)    1. reference year for magnetic variation = “2020----”    2. value of annual change in magnetic variation = “0.2”    3. value of magnetic variation = “1.0”    4. scale minimum = *a known value* that is within the scale range of the ENC (for example, 89999) 3. Magnetic Variation (surface)    1. reference year for magnetic variation = “2020----”    2. value of annual change in magnetic variation = “0.5”    3. value of magnetic variation = “1.5”    4. information: 4. text = “Computer modelled” | |
| **Screen Capture** | |  | | |

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| --- | --- | --- | --- | --- |
| **Scenario** | 4.2 | | |  |
| **Description** | | Local Magnetic Anomaly (point; curve; surface) | | |
| **Location** | | | **Description** | |
| 32°20'25.03"S 60°54'41.85"E | | | 1. Local Magnetic Anomaly (point)    1. feature name: 2. name = “Dove’s Rock”    1. value of local magnetic anomaly:    2. magnetic anomaly value maximum = “6” 3. Local Magnetic Anomaly (curve)    1. value of local magnetic anomaly:    2. magnetic anomaly value maximum = “6”    3. magnetic anomaly value minimum = “3” 4. Local Magnetic Anomaly (surface)    1. value of local magnetic anomaly:    2. magnetic anomaly value maximum = “6”    3. magnetic anomaly value minimum = “3”    4. information:    5. text = “Reported locally” | |
| **Screen Capture** | |  | | |