1. **Test Dataset: AA500008**

**S‐58 Recommended ENC Validation Checks covered in this section:**

|  |  |
| --- | --- |
| **S‐58 Check** | **Description** |
| 555a | If the order of the data in a base or update file is not correct. |

**Secondary Errors**

Critical – 34

Error –

Warnings –

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA500008 | **S‐58 Check** | 555a | | **Type** | C |
| **S-58 Description** | If the order of the data in a base or update file is not correct, except when:   1. Isolated nodes (SG2D) are listed before isolated nodes (SG3D) OR 2. Connected nodes are listed before isolated nodes (SG3D) OR 3. Connected nodes are listed before isolated nodes (SG2D) OR 4. Geo features are listed before Meta features | | | | | |
| **Message** | Incorrect data order. | | | | | |
| **Solution** | Amend data order. | | **Conformity** | 6.1.1 | | |
| **Test Case No. 1** | Revised data order in base file, so that a feature record occurs before the vector records. | | | | | |
| **ASCII** |  | | | | | |
| **Expected Test Results** | 555a: An error “Incorrect data order” should be triggered. | | | | | |
| **Secondary Critical Errors** | 34: Update pointer index does not refer to a valid record NAME and INDEX for FFPT, FSPT or VRPT | | | | | |
| **Test Case No. 2** | Revised data order in AA500008.001 update file, so that a feature record occurs before the vector records. | | | | | |
| **ASCII** |  | | | | | |
| **Expected Test Results** | 555a: An error “Incorrect data order” should be triggered. | | | | | |
| **Secondary Critical Errors** | 34: Update pointer index does not refer to a valid record NAME and INDEX for FFPT, FSPT or VRPT | | | | | |