1. **Test Dataset: AA500008**

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

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

**Secondary Errors**

Critical – 20b, 34, 98, 1777

1016, 1017,

Error –

Warnings –

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA500008 | **S‐58 Check** | 555 | | **Type** | C |
| **S-58 Description** | If the order of the data in a base or update file is not correct. | | | | | |
| **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** | 555: An error “Incorrect data order” should be triggered. | | | | | |
| **Secondary Critical Errors** | 34: Update pointer index does not refer to a valid record NAME for FSPT  20b: Orphaned geometry | | | | | |
| **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** | 555: An error “Incorrect data order” should be triggered. | | | | | |
| **Secondary Critical Errors** | 34: Update pointer index does not refer to a valid record NAME for FSPT | | | | | |