1. **Test Dataset: AA3MSPAN**

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

|  |  |
| --- | --- |
| **S‐58 Check** | **Description** |
| 1792 | If the cell crosses the 180° meridian. |

**Secondary Errors**

Critical – 1024a

Error – None

Warnings – 19

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA3MSPAN | | | **S‐58 Check** | | 1792 | | | **Type** | | C |
| **S-58 Description** | If the cell crosses the 180° meridian. | | | | | | | | | | |
| **Message** | Cell crosses 180° meridian. | | | | | | | | | | |
| **Solution** | Split the cell at the 180° meridian. | | | | | **Conformity** | | 2.1.8.2 | | | |
| **Test Case No. 1** | Cell extends from  at 177°E to 177W | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| **-** | | - | **-** | | - | | - | | | - | |
| **Screen Capture** | - | | | | | | | | | | |
| **Expected Test Results** | 1792: An error “Cell overlaps 180° meridian” must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | None | | | | | | | | | | |
|  |  | | | | | | | | | | |