1. **Test Dataset: AA500016**

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

|  |  |
| --- | --- |
| **S‐58 Check** | **Description** |
| 30 | For each of the following: FFPC-FFIX, FSPC-FSIX, SGCC-CCIX, and VRPC-VPIX subfields where the index position for updating is invalid. |

**Secondary Errors**

Critical – 13a, 13b, 13c, 13d, 15, 18a, 42, 78, 82, 519b, 554

Error – 1, 50, 79, 517a,

Warnings – 83, 43, 1682, 1788

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA500016 | | | **S‐58 Check** | | 30 | | | **Type** | | C |
| **S-58 Description** | For each of the following: FFPC-FFIX, FSPC-FSIX, SGCC-CCIX, and VRPC-VPIX subfields where the index position for updating is invalid. | | | | | | | | | | |
| **Message** | Invalid index position for updating in the following subfields FFPC-FFIX, FSPC-FSIX, SGCC-CCIX or VRPC-VPIX. | | | | | | | | | | |
| **Solution** | Amend to valid index position for updating. | | | | | **Conformity** | | Part 3 (7.7.1.5), (7.6.5), (7.6.7) and (7.7.1.3) | | | |
| **Test Case No. 1** | Invalid index position for FFPC-FFIX subfield in AA500016.001 update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | C\_AGGR | - | | FE-48 | | AA 3655597983 | | | - | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 30: An errors “Invalid index position for updating in the following subfields FFPC-FFIX, FSPC-FSIX, SGCC-CCIX or VRPC-VPIX” should be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | None | | | | | | | | | | |
| **Test Case No. 2** | Invalid index position of FSPC-FSIX subfield in AA500016.001 update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | DEPARE(A) | - | | FE-31 | | AA 440509764 | | | - | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 30: An errors “Invalid index position for updating in the following subfields FFPC-FFIX, FSPC-FSIX, SGCC-CCIX or VRPC-VPIX” must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | None | | | | | | | | | | |
| **Test Case No. 3** | Invalid index position of SGCC-CCIX subfield in AA500016.001 update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | - | - | | - | | - | | | VE-15 | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 30: An errors “Invalid index position for updating in the following subfields FFPC-FFIX, FSPC-FSIX, SGCC-CCIX or VRPC-VPIX” must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | None | | | | | | | | | | |
| **Test Case No. 4** | Invalid index position of VRPC-VPIX subfield in AA500016.001 update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | - | - | | - | | - | | | VE-15 | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 30: An errors “Invalid index position for updating in the following subfields FFPC-FFIX, FSPC-FSIX, SGCC-CCIX or VRPC-VPIX” should be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | None | | | | | | | | | | |