1. **Test Dataset: AA500014**

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

|  |  |
| --- | --- |
| **S‐58 Check** | **Description** |
| 38 | For each update record which contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC. |

**Secondary Errors**

Critical – 536

Error – 94

Warnings –

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA500014 | | | **S‐58 Check** | | 38 | | | **Type** | | C |
| **S-58 Description** | For each update record which contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC. | | | | | | | | | | |
| **Message** | Update record contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC. | | | | | | | | | | |
| **Solution** | Remove additional fields from update record. | | | | | **Conformity** | | Part 3 (8.4.2.3), (8.4.3.2b), (8.4.2.4) and (8.4.3.3) | | | |
| **Test Case No. 1** | Added additional fields for FFPC field in AA500014.001 in update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | C\_ASSO | - | | FE-50 | | AA 3876429282 | | | - | |
| **ASCII** |  | | | | | | | | | | |
| **Expected Test Results** | 38: An error “Update record contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC” must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | 536: error “Field without a repetition factor repeats” must be triggered. | | | | | | | | | | |
| **Test Case No. 2** | Added additional fields for VRPC field in AA500014.001 in update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | - | - | | - | | - | | | VE-46 | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 38: An error “Update record contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC” must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | 536: error “Field without a repetition factor repeats” must be triggered. | | | | | | | | | | |
| **Test Case No. 3** | Added additional fields for FSPC field in AA500014.001 in update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | LNDARE | - | | FE-35 | | AA 654388317 | | | - | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 38: An error “Update record contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC” must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | 536: error “Field without a repetition factor repeats” must be triggered. | | | | | | | | | | |
| **Test Case No. 4** | Added additional fields for SGCC field in AA500014.001 in update file. | | | | | | | | | | |
| **Location** | | **Feature** | **Attributes** | | **FRID** | | **FOID** | | | **VRID** | |
| - | | - | - | | - | | - | | | VE-43 | |
| **Screen Capture** |  | | | | | | | | | | |
| **Expected Test Results** | 38: An error “Update record contains more than one of the following fields: FFPC, VRPC, FSPC or SGCC” should be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | 536: error “Field without a repetition factor repeats” must be triggered. | | | | | | | | | | |