1. **Test Dataset: AA500010**

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

|  |  |
| --- | --- |
| **S‐58 Check** | **Description** |
| 1021a | If the data set is not a re-issue AND the UPDN subfield is not equivalent to the extension of the data set file name. |

**Secondary Errors**

Critical – 26a

Error –

Warnings –

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA500010 | **S‐58 Check** | 1021a | | **Type** | C |
| **S-58 Description** | If the data set is not a re-issue AND the UPDN subfield is not equivalent to the extension of the data set file name. | | | | | |
| **Message** | Update number is incorrect or not equivalent to the data set file name extension. | | | | | |
| **Solution** | Amend UPDN subfield. | | **Conformity** | Appendix B.1,  Annex A (2.2.2) | | |
| **Test Case No. 1** | Modified UPDN subfield as 2 for AA500010.001 file. | | | | | |
| **ASCII** |  | | | | | |
| **Expected Test Results** | 1021a: An errors “Update number is incorrect or not equivalent to the data set file name extension” should be triggered. | | | | | |
| **Secondary Critical Errors** | 26a: additional errors ”Subfield value does not conform to S-57 format specification” must be triggered. | | | | | |