

Paper for Consideration by TSM3

S-101 Test Scenarios and Test Dataset Listing and Documentation

Submitted by:	S-100 Working Group Chair
Executive Summary:	This paper outlines the current documentation for the S-101 Test Datasets
Related Documents:	S-64 test instruction manual
Related Projects:	S-100

Introduction / Background

S-101 will be one of the first product specifications to be tested end to end via the S-100 Test Bed. As part of the testing process there will be various test scenarios and test datasets to aid in the testing process. This paper documents at a high level the various bits of documentation that exists for the S-101 Test Datasets.

Analysis/Discussion

The following table lists the current documents that have been created for the S-101 portion of the S-100 test bed.

Document Title	Comments
S-100 Test Scenarios and Test Dataset Listing.xls	Spreadsheet that documents different scenarios for S-100 and S-101 based products. Test datasets may or may not be generated for each of these scenarios. S-101 Test dataset Listing is under Phase 4
S-101 Test Dataset List rev1	This document lists the S-64 test datasets and maps them to a new S-101 name and adds in some new S-101 parameters. It is expected that these test datasets will form the backbone of the S-101 Test Instruction Manual for eventual replacement of the S-64 test datasets.
S-101 TIM ed 0.0.0	Currently this is just a direct copy of the S-64 TIM. It is expected that this will be updated to the S-101 product specification with associated S-101 test datasets. NOTE: No work has been done on this.
S-101 Auxillary Test Dataset Instructions ed 0.0.0	This document houses the Test Instructions for any auxillary data that has been created to support the testing of S-101. Eventually it may be migrated into the S-101 TIM. This document houses the instructions for the datasets that will be used to test the S-101 dataset loading and unloading strategy
S-101 Test Cases Product Specification	This document houses the discrete tests for S-101. Eventually test datasets will have to be created for each test case. This is for testing the product specification rather than testing how the data is handled in a navigation system. NOTE: Some of these tests might end up in the S-101 version of S-64

Conclusions

The above documents should be considered as works in progress. The S-101 Test Instruction Manual follows the same format as S-64 and other than change the name from S-64 to S-101 no work has been done on that other than KHOA updating the S-64 test datasets to S-101 (including the updates and new features).

Recommendations

It is recommended that the sub-working group review the current documentation and identify any gaps in the existing documentation.