

# System Identifier Test Design Specification

Identifier:

## Test Design Specification Title

### 1. Test Design Specification Identifier.

This Test Design Specification shall be referred to by the following identifier:

*Specify the unique identifier assigned to this Test Design Specification.*

This Test Design Specification specifies refinements of the test approach contained in Test Plan

*Test Plan Identifier*

and identifies the features to be tested by this design and its associated tests.

Additional supporting material referenced in this document should accompany it. This document conforms to ANSI/IEEE Std 829-1983, Standard for Software Test Documentation.

### 2. Features to be Tested.

*Identify the test items and describe the features and combinations of features which are the object of this design specification. Other features may be exercised, but need not be identified.*

*For each feature or feature combination, a reference to its associated requirements in the item requirement specification or design description should be included.*

### 3. Approach Refinements.

*Specify refinements to the approach described in the test plan. Include specific test techniques to be used. The method of analyzing test results should be identified (for example, comparator programs or visual inspection).*

*Specify the results of any analysis which provides a rationale for test-case selection. For example, one might specify conditions which permit a determination of error tolerance (for example, those conditions which distinguish valid inputs from invalid inputs).*

*Summarize the common attributes of any test cases. This may include input constraints that must be true for every input in the set of associated test cases, any shared environmental needs, and any shared special procedural requirements, and any shared case dependencies.*

### 4. Test Identification.

*List the identifier and a brief description of each test case associated with this design. A particular test case may be identified in more than one test design specification. List the identifier and a brief description of each procedure associated with this test design specification.*

#### *File Retention Information*

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## 5. Feature Pass/Fail Criteria.

*Specify the criteria to be used to determine whether the feature or feature combination has passed or failed.*

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