DATA ITEM DESCRIPTION

TITLE: TEST PACKAGE

Number: DI-SESS-81525B
Approval Date: 20010830
AMSC Number: N7471
Limitation:
DTIC Applicable: No
GIDEP Applicable: No
Office Of Primary Responsibility: N/AS/PMA205
Applicable Forms: None
Use/relationship: The Test Package is used to examine and evaluate an individual's or unit's achievement of specific learning objectives or performance standards.

a. This Data Item Description (DID) contains the preparation instructions for the content and format of the Test Package.

b. This DID contains the format, content, and intended use information for the data product resulting from the performance requirements described by 3.2.9 of MIL-PRF-29612B, and is applicable to the acquisition of training data products. Data product performance evaluation criteria are specified in 4.3.9 of MIL-PRF-29612B.

c. It is not intended that all the requirements contained herein should be applied to every program or program phase. Portions of this DID are subject to deletion tailoring depending upon the program phase in which it is applied in the contract. Any individual data requirement contained in this DID is subject to deletion tailoring.

d. This DID supersedes DI-ILSS-81525A.

Requirements:

1. Format. The format of data contained within this DID is as follows:

    a. Page-based products, for which contractor format is acceptable.
    b. Standard digital data in compliance with the content and format requirements specified in the DoD Data Architecture (DDA) and the Defense Data Dictionary System (DDDS).
    c. Sharable Content Objects (SCO) as specified by the contract.

2. Content. The Test Package shall contain the following:

2.1 Front matter. The content of front matter shall be in accordance with Appendix A of MIL-PRF-29612B.

2.2 Test items. This data shall consist of the following:

a. Individual test items.
b. Test item identifier.
c. A cross-reference list of test item identifiers and related Learning Objective (LOs) identifiers.
d. Answers to individual test items with the supporting reference identifier.
e. A description of test item criticality to:

(1) Safety.
(2) Overall measurement of trainee's ability to perform required tasks.
(3) Environmental considerations.

f. A description of test item constraints (e.g., personnel, safety, environmental).
g. A description of test item support materials (e.g., publications, equipment, software, and hardware requirements).
h. Test item type (e.g., performance, prediction of performance).

2.3 Test(s). This data shall consist of the following:

a. Cover sheet.
b. Instructions for taking the test.
c. Safety considerations.
d. Test items.
e. Student response recording capability.
f. A list of all materials required for test item administration and completion.
g. Computer managed instruction interface capability.
h. Storage and maintenance instructions and container/jacket.
i. Random test generation capability.
j. Test type (e.g., performance, prediction of performance).

2.4 Test administration materials. This data shall consist of the following:

2.4.1 Testing plan. This data shall document the test strategy for individual courses and shall consist of the following:

a. Minimum passing grade for the course and rationale.
b. Schedule of tests administered in the course and learning objectives measured by each test.
c. A description of the types of tests (e.g., adaptive test, aptitude test, achievement test, comparative test, criterion-referenced test, performance test, performance-based test, etc.) used to determine the trainee's grade, with rationale.

d. A description of the grading method (e.g., normative, criterion referenced, grading criteria, weighting criteria, etc.) for evaluating student performance on the test, with rationale.
e. A description of the method to be used to determine the trainee's final course grade.
f. A description of the review, remediation, and retesting procedures.
g. A description of the testing constraints which prevent testing of learning objectives as stated with work-around justification.
h. A description of the method (e.g., rating scales, yes/no, SAT/UNSAT) used to assign grades to performance tests with supporting documentation for conversion to numerical grade.
i. Rationale for courses which have SAT/UNSAT grading criteria.
j. Rationale for test item and test placement within the structure of the course.
k. A description of the methodology for generation of random tests.
l. A description of the security measures for Web-based testing.

2.4.2 Test administration data. This data shall contain the materials necessary for the test administrator to conduct individual tests. It shall consist of:

a. Cover.
b. Instructions to the individual conducting the tests shall include pre-test duties to be completed in preparation for the test, pre-test instructions to the individuals taking the test, test monitoring guidance, and post-test instructions.
c. Test answer sheet to include data identifying location of response in supporting documentation.
d. Answer key(s)/scoring templates.
e. A description of test item criticality to:

    (1) Safety.
    (2) Overall measurement of trainee's ability to perform required tasks.
    (3) Environmental considerations.

f. A description of test item constraints (e.g., personnel, safety).
g. A description of test item support materials (e.g., publications, equipment).
h. Flow charts for computer-based tests which depict the placement of test and test items within the course and branching for remediation.
i. Computer-based grade computation strategy.
j. Test item selection criteria for computer generated test(s).
k. Program documentation for computer generated test(s).
l. Test supplements that contain information concerning special items required by the examinee during the test that will not be provided by the test administrator.
m. Computer software for generation of multiple tests, by random selection of test items.
n. Computer software for administration of tests (run-time version).
o. A description of testing procedures and security considerations for administering tests on-line.

2.4.3 Test notices. This data shall contain information concerning test administration dates and the identity of study materials.

2.4.4 Test interoperability. This data shall contain information concerning the capability and structure of test and test items that support Sharable Content Objects (SCO), Course Structure Format (CSF), and Learning Management System (LMS).

2.5 Test item cross-reference chart. This data shall include the following:

a. A cross-reference chart showing the relationships among test item, lesson topic, learning objective, training task, and job task.
b. A cross-reference chart showing the relationships among test item, course learning objective, topic learning objective, personnel performance profile, and training path system.

3. Standard digital data. Standard digital data shall be delivered for the Standard Data Elements (SDEs) marked with an "X" in the "Required" box in Table 1.

TABLE 1. Standard digital data requirements

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2. Content. The Test Package shall contain the following:) DOCUMENT IDENTIFIER EXAMINATION IDENTIFIER	
(2.1 Front matter. The content of front matter shall be in accordance with Appendix A of MIL-PRF-29612B.) ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT NAME DOCUMENT-ASSOCIATION REASON CODE DOCUMENT-DEVELOPMENT-STAGE BEGIN CALENDAR DATE DOCUMENT-DEVELOPMENT-STAGE CODE DOCUMENT-REPRESENTATION-PUBLICATION CALENDAR DATE DOCUMENT-REPRESENTATION-PUBLICATION CODE DOCUMENT-TYPE CODE EDUCATIONAL-DISCIPLINE CODE EVALUATION IDENTIFIER EVALUATION-EVENT REASON CODE EVALUATION-METHODOLOGY IDENTIFIER EVENT IDENTIFIER EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER GUIDANCE TEXT INSTRUCTIONAL-UNIT DESCRIPTION TEXT INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-SECTION ESTIMATED DURATION QUANTITY INSTRUCTIONAL-UNIT-SECTION TYPE CODE MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE OCCUPATION IDENTIFIER OCCUPATION NAME OCCUPATION-CLASSIFICATION CODE OCCUPATION-INSTRUCTIONAL-UNIT REASON CODE ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN CALENDAR DATE	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION-DOCUMENT END CALENDAR DATE ORGANIZATION-GUIDANCE ROLE CODE ORGANIZATION-INSTRUCTIONAL-UNIT-ROLE CODE ORGANIZATION-NAME TEXT ORGANIZATION-OCCUPATION REASON CODE ORGANIZATION-TYPE CATEGORY CODE POSITION DESCRIPTION TEXT POSITION IDENTIFIER POSITION-TASK-TYPE BEGIN CALENDAR DATE POSITION-TASK-TYPE END CALENDAR DATE POSITION-TASK-TYPE REASON CODE TASK IDENTIFIER TASK-DOCUMENT REASON CODE TRAINING-RISK IDENTIFIER TRAINING-RISK LEVEL CODE	
(2.2 Test items. This data shall consist of the following:) EXAMINATION IDENTIFIER INQUIRY IDENTIFIER	
(2.2.a Individual test items.) EXAMINATION-METHOD TYPE CODE INQUIRY IDENTIFIER INQUIRY TYPE CODE	
(2.2.b Test item identifier.) EXAMINATION IDENTIFIER INQUIRY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER	
(2.2.c A cross-reference list of test item identifiers and related Learning Objective (LOs) identifiers.) INQUIRY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER	
(2.2.d Answers to individual test items with the supporting reference identifier.) DOCUMENT IDENTIFIER DOCUMENT NAME INQUIRY IDENTIFIER INQUIRY-PREDEFINED-ANSWER SERIAL IDENTIFIER	
(2.2.e A description of test item criticality to:) EXAMINATION IDENTIFIER INQUIRY CRITICALITY CODE INQUIRY IDENTIFIER	
(2.2.e.1 Safety.)	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GUIDANCE IDENTIFIER INQUIRY IDENTIFIER INQUIRY-GUIDANCE CRITICALITY CODE	
(2.2.e.2 Overall measurement of trainee's ability to perform required tasks.) INQUIRY IDENTIFIER INQUIRY-LEARNING-OBJECTIVE CRITICALITY CODE LEARNING-OBJECTIVE IDENTIFIER TASK IDENTIFIER	
(2.2.e.3 Environmental considerations.) GUIDANCE IDENTIFIER INQUIRY IDENTIFIER INQUIRY-GUIDANCE CRITICALITY CODE	
(2.2.f A description of test item constraints (e.g., personnel, safety, environmental).) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT CODE FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT CODE FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT CODE	
(2.2.g A description of test item support materials (e.g., publications, equipment, software, and hardware requirements).) DOCUMENT IDENTIFIER FACILITY-TYPE CODE INQUIRY IDENTIFIER INQUIRY-FACILITY-TYPE REASON CODE INQUIRY-MATERIEL REASON CODE MATERIEL IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE	
(2.2.h Test item type (e.g., performance, prediction of performance).) INQUIRY IDENTIFIER	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INQUIRY TYPE CODE	
(2.3 Test(s). This data shall consist of the following:) DOCUMENT IDENTIFIER EXAMINATION DESCRIPTION TEXT EXAMINATION IDENTIFIER	
(2.3.a Cover sheet.) ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT-ASSOCIATION REASON CODE	
(2.3.b Instructions for taking the test.) DOCUMENT IDENTIFIER GUIDANCE IDENTIFIER	
(2.3.c Safety considerations.) EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER	
(2.3.d Test items.) EXAMINATION IDENTIFIER INQUIRY IDENTIFIER INQUIRY TEXT	
(2.3.e Student response recording capability.) EXAMINATION IDENTIFIER INQUIRY IDENTIFIER	
(2.3.f A list of all materials required for test item administration and completion.) EXAMINATION IDENTIFIER FACILITY-TYPE CODE INQUIRY IDENTIFIER INQUIRY-FACILITY-TYPE REASON CODE INQUIRY-MATERIEL REASON CODE MATERIEL IDENTIFIER	
(2.3.g Computer managed instruction interface capability.) DOCUMENT IDENTIFIER EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER	
(2.3.h Storage and maintenance instructions and container/jacket.) ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT-ASSOCIATION REASON CODE EXAMINATION IDENTIFIER	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GUIDANCE FUNCTIONAL TYPE CODE GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT	
(2.3.i Random test generation capability.) ACADEMIC-DOCUMENT ABILITY CODE EXAMINATION IDENTIFIER EXAMINATION-CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE SYSTEM-PLATFORM-CAPABILITY CODE	
(2.3.j Test type (e.g., performance, prediction of performance).) EXAMINATION IDENTIFIER INQUIRY IDENTIFIER INQUIRY TYPE CODE	
2.4 Test administration materials. This data shall consist of the following: EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER	
(2.4.1 Testing plan. This data shall document the test strategy for individual courses and shall consist of the following:) EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE FUNCTIONAL TYPE CODE GUIDANCE IDENTIFIER GUIDANCE-CITATION TYPE CODE	
(2.4.1.a Minimum passing grade for the course and rationale.) GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT INSTRUCTIONAL-UNIT COMPLETION REQUIREMENT TEXT INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER PERFORMANCE-STANDARD CRITERION TEXT PERFORMANCE-STANDARD IDENTIFIER	
(2.4.1.b Schedule of tests administered in the course and learning objectives measured by each test.) EXAMINATION IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
LEARNING-OBJECTIVE IDENTIFIER	
(2.4.1.c A description of the types of tests (e.g., adaptive test, aptitude test, achievement test, comparative test, criterion-referenced test, performance test, performance-based test, etc.) used to determine the trainee's grade, with rationale.) EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER INQUIRY IDENTIFIER INQUIRY TYPE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-TEST GRADING CRITERION RATE PERFORMANCE-STANDARD IDENTIFIER TEST TYPE CODE	
(2.4.1.d A description of the grading method (e.g., normative, criterion referenced, grading criteria, weighting criteria, etc.) for evaluating student performance on the test, with rationale.) ANALYSIS-METHOD TYPE CODE CONCEPT-ANALYSIS TYPE CODE EVALUATION-METHODOLOGY IDENTIFIER EVALUATION-METHODOLOGY-TYPE CODE EXAMINATION IDENTIFIER EXAMINATION-INQUIRY GRADING CRITERION RATE INQUIRY CRITICALITY CODE INQUIRY IDENTIFIER INQUIRY TYPE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EVALUATION IMPLEMENTATION TEXT INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-TEST CATEGORY CODE INSTRUCTIONAL-UNIT-TEST GRADING CRITERION RATE NUMERICAL-ANALYSIS DEGREE OF FREEDOM QUANTITY NUMERICAL-ANALYSIS EXPECTED ERROR RATE NUMERICAL-ANALYSIS MEASUREMENT TYPE CODE NUMERICAL-ANALYSIS TOLERANCE RATE NUMERICAL-ANALYSIS TYPE CODE	
(2.4.1.e A description of the method to be used to determine the trainee's final course grade.) CRITERION DESCRIPTION TEXT EVALUATION IDENTIFIER GUIDANCE IDENTIFIER	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EVALUATION REASON CODE SPECIFIC-EVALUATION IDENTIFIER	
(2.4.1.f A description of the review, remediation, and retesting procedures.) GUIDANCE CATEGORY CODE GUIDANCE FUNCTIONAL TYPE CODE GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE-CITATION TYPE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-GUIDANCE REASON CODE	
(2.4.1.g A description of the testing constraints which prevent testing of learning objectives as stated with work-around justification.) CAPABILITY CONSTRAINT INDICATOR CODE EXAMINATION IDENTIFIER FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER	
(2.4.1.h A description of the method (e.g., rating scales, yes/no, SAT/UNSAT) used to assign grades to performance tests with supporting documentation for conversion to numerical grade.) EVALUATION IDENTIFIER EXAMINATION IDENTIFIER INQUIRY IDENTIFIER INQUIRY-INSTRUCTIONAL-METHODOLOGY REASON CODE INQUIRY-OUTCOME RESULT RECOMMENDATION CODE INQUIRY-OUTCOME TYPE CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT METHOD CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT SCALE CODE PERFORMANCE-STANDARD DESCRIPTION TEXT	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERFORMANCE-STANDARD IDENTIFIER	
(2.4.1.i Rationale for courses which have SAT/UNSAT grading criteria.) EVALUATION IDENTIFIER EVALUATION-METHODOLOGY DESCRIPTION TEXT EVALUATION-METHODOLOGY IDENTIFIER EVALUATION-METHODOLOGY-TYPE CODE EXAMINATION IDENTIFIER EXAMINATION-EVALUATION REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE	
(2.4.1.j Rationale for test item and test placement within the structure of the course.) EXAMINATION IDENTIFIER EXAMINATION-INQUIRY RATIONALE TEXT INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT CREDIT QUANTITY INSTRUCTIONAL-UNIT CREDIT TYPE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-TEST RATIONALE TEXT	
(2.4.1.k A description of the methodology for generation of random tests.) EXAMINATION-METHOD DESIGN STRATEGY DESCRIPTION TEXT EXAMINATION-METHOD TYPE CODE	
(2.4.1.l A description of the security measures for Web-based testing.) EXAMINATION IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-TEST CATEGORY CODE PERSON IDENTIFIER PERSON-INSTRUCTIONAL-UNIT REASON CODE SOFTWARE-REQUIREMENT-TYPE NAME STUDENT-ORIENTATION-PROCEDURE CODE STUDENT-ORIENTATION-PROCEDURE TEXT	
(2.4.2 Test administration data. This data shall contain the materials necessary for the test administrator to conduct individual tests. It shall consist of:) DOCUMENT IDENTIFIER EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT	
(2.4.2.a Cover.)	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT-ASSOCIATION REASON CODE	
(2.4.2.b Instructions to the individual conducting the tests shall include pre-test duties to be completed in preparation for the test, pre-test instructions to the individuals taking the test, test monitoring guidance, and post-test instructions.) EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT	
(2.4.2.c Test answer sheet to include data identifying location of response in supporting documentation.) DOCUMENT IDENTIFIER DOCUMENT NAME DOCUMENT-DEVELOPMENT-STAGE BEGIN CALENDAR DATE DOCUMENT-DEVELOPMENT-STAGE CODE DOCUMENT-REPRESENTATION-PUBLICATION CALENDAR DATE DOCUMENT-REPRESENTATION-PUBLICATION CODE DOCUMENT-TYPE CODE EXAMINATION IDENTIFIER INQUIRY IDENTIFIER INQUIRY-PREDEFINED-ANSWER SERIAL IDENTIFIER	
(2.4.2.d Answer key(s)/scoring templates.) EVALUATION IDENTIFIER EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER INQUIRY IDENTIFIER INQUIRY-PREDEFINED-ANSWER SERIAL IDENTIFIER PERFORMANCE-STANDARD IDENTIFIER	
(2.4.2.e A description of test item criticality to:) EXAMINATION IDENTIFIER INQUIRY CRITICALITY CODE INQUIRY IDENTIFIER	
(2.4.2.e.1 Safety.) GUIDANCE IDENTIFIER INQUIRY IDENTIFIER INQUIRY-GUIDANCE CRITICALITY CODE	
(2.4.2.e.2 Overall measurement of trainee's ability to perform required tasks.) INQUIRY IDENTIFIER INQUIRY-LEARNING-OBJECTIVE CRITICALITY CODE LEARNING-OBJECTIVE IDENTIFIER	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
TASK IDENTIFIER	
(2.4.2.e.3 Environmental considerations.) GUIDANCE IDENTIFIER INQUIRY IDENTIFIER	
(2.4.2.f A description of test item constraints (e.g., personnel, safety).) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT CODE FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT CODE FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT CODE	
(2.4.2.g A description of test item support materials (e.g., publications, equipment).) DOCUMENT IDENTIFIER FACILITY-TYPE CODE INQUIRY IDENTIFIER INQUIRY-FACILITY-TYPE REASON CODE INQUIRY-MATERIEL REASON CODE MATERIEL IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE	
(2.4.2.h Flow charts for computer-based tests which depict the placement of test and test items within the course and branching for remediation.) DOCUMENT IDENTIFIER EXAMINATION IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE	
(2.4.2.i Computer-based grade computation strategy.) EVALUATION IDENTIFIER EXAMINATION IDENTIFIER	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
EXAMINATION-EVALUATION REASON CODE INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EVALUATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE SPECIFIC-EVALUATION IDENTIFIER	
(2.4.2.j Test item selection criteria for computer generated test(s).) EXAMINATION IDENTIFIER EXAMINATION-INQUIRY RATIONALE TEXT EXAMINATION-INQUIRY SELECTION ALGORITHM TEXT INQUIRY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER	
(2.4.2.k Program documentation for computer generated test(s).) DATA-PROCESSING-EQUIPMENT TYPE NAME DOCUMENT DESCRIPTION TEXT DOCUMENT IDENTIFIER DOCUMENT-DEVELOPMENT-STAGE BEGIN CALENDAR DATE DOCUMENT-DEVELOPMENT-STAGE CODE DOCUMENT-REPRESENTATION-PUBLICATION CALENDAR DATE DOCUMENT-REPRESENTATION-PUBLICATION CODE EXAMINATION IDENTIFIER INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET-DOCUMENT REASON CODE SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.2.l Test supplements that contain information concerning special items required by the examinee during the test that will not be provided by the test administrator.) ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT-ASSOCIATION REASON CODE EXAMINATION IDENTIFIER FACILITY-TYPE CODE INQUIRY IDENTIFIER INQUIRY-FACILITY-TYPE REASON CODE INQUIRY-MATERIEL REASON CODE MATERIEL IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE	
(2.4.2.m Computer software for generation of multiple tests, by random	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
selection of test items.) DATA-PROCESSING-EQUIPMENT TYPE NAME EXAMINATION IDENTIFIER INFORMATION-ASSET IDENTIFIER INQUIRY IDENTIFIER INQUIRY-INFORMATION-ASSET ALGORITHM DESCRIPTION TEXT INQUIRY-INFORMATION-ASSET REASON CODE SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.2.n Computer software for administration of tests (run-time version).) INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET TYPE CODE INFORMATION-ASSET VERSION IDENTIFIER ORGANIZATION IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.2.o A description of testing procedures and security considerations for administering tests on-line.) SOFTWARE-REQUIREMENT-TYPE NAME STUDENT-ORIENTATION-PROCEDURE CODE STUDENT-ORIENTATION-PROCEDURE TEXT	
(2.4.3 Test notices. This data shall contain information concerning test administration dates and the identity of study materials.) DOCUMENT IDENTIFIER DOCUMENT NAME DOCUMENT-DEVELOPMENT-STAGE BEGIN CALENDAR DATE DOCUMENT-DEVELOPMENT-STAGE CODE DOCUMENT-REPRESENTATION-PUBLICATION CALENDAR DATE DOCUMENT-REPRESENTATION-PUBLICATION CODE DOCUMENT-TYPE CODE EXAMINATION IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN CALENDAR DATE ORGANIZATION-DOCUMENT END CALENDAR DATE ORGANIZATION-NAME TEXT PERSON IDENTIFIER PERSON-DOCUMENT ROLE CODE	
(2.4.4 Test interoperability. This data shall contain information concerning the capability and structure of test and test items that support Sharable Content	

TABLE 1. Standard digital data requirements –Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
Objects (SCO), Course Structure Format (CSF), and Learning Management System (LMS).) INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET TYPE CODE INFORMATION-ASSET VERSION IDENTIFIER INTERNAL-DATA-FIELD DEFINITION TEXT INTERNAL-DATA-FIELD NAME OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT WEIGHTING ALGORITHM TEXT ORGANIZATION IDENTIFIER PERSON-TEST SCORE QUANTITY	
(2.5 Test item cross-reference chart. This data shall include the following:) INQUIRY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER TASK IDENTIFIER	
(2.5.a A cross-reference chart showing the relationships among test item, lesson topic, learning objective, training task, and job task.) INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-SECTION ESTIMATED DURATION QUANTITY INSTRUCTIONAL-UNIT-SECTION TYPE CODE LEARNING-OBJECTIVE IDENTIFIER TASK IDENTIFIER	
(2.5.b A cross-reference chart showing the relationships among test item, course learning objective, topic learning objective, personnel performance profile, and training path system.) DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT-TYPE CODE INQUIRY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-DOCUMENT REASON CODE PERFORMANCE-STANDARD IDENTIFIER PERFORMANCE-STANDARD-DOCUMENT REASON CODE PERSON-TYPE IDENTIFIER	

4. End of DI-SESS-81525B.