

DATA ITEM DESCRIPTION

TITLE: INSTRUCTIONAL MEDIA REQUIREMENTS DOCUMENT

Number: DI-SESS-81519B

Approval Date: 30 August 2001

AMSC Number: N7465

Limitation:

DTIC Applicable: No

GIDEP Applicable: No

Office Of Primary Responsibility: N/AS/PMA205

Applicable Forms: None

Use/relationship: The Instructional Media Requirements Document provides specifications for the media selection model used, a description of primary and alternate media requirements, and functional requirements for the instructional delivery system. Its purpose is to serve as the baseline for instructional media performance specifications.

- a. This Data Item Description (DID) contains the preparation instructions for the content and format of the Instructional Media Requirements Document.
- b. This DID contains the format, content, and intended use information for the data product resulting from the performance requirements described by 3.2.3 of MIL-PRF-29612B, and is applicable to the acquisition of training data products. Data product performance evaluation criteria are specified in 4.3.3 of MIL-PRF-29612B.
- c. It is not intended that all the requirements contained herein 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-81519A.

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).
2. Content. The Instructional Media Requirements Document shall contain the following:
 - 2.1 Front matter. The content of front matter shall be in accordance with Appendix A of MIL-PRF-29612B.

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2.2 Part 1: Media selection model specifications data. The model data shall describe the procedures to be used to identify primary and alternate media for each Learning Objective (LO) and shall include:

- a. Methodology for identifying the sensory stimulus requirements of the LOs.
- b. Method for identifying the sensory stimulus of the media.
- c. Procedure for consideration of LOs presentation sequence in the selection of media.
- d. The hardware and software specifications if the model is automated.
- e. Special proprietary license requirements, if any.
- f. The relationship between media selection and course outline development (i.e., does media selection follow course outline development; or does course outline development follow media selection).
- g. A flow chart which shows the questions asked, the decision points, and the sequence of events for media selection.
- h. Media selection model.

2.3 Part 2: Media selection analysis data. The media selection analysis data shall provide descriptions of the source of the instructional media requirements, the results of the media selection and allocation process, and describes primary and alternate media and methods to satisfy each LO.

2.3.1 Instructional media requirements source data. The data shall include a summary of the historical background of the training requirements analysis, a description of the operational system, and a discussion of the scope, magnitude, and constraints of the analysis. The data shall also include a summary description with a justification for the proposed media as follows:

- a. A description of the purpose and function of the operational system.
- b. A description of unique knowledge, skills, and attitudes required for the operational system. Identify existing applicable training systems and their shortfalls. Provide rationale (e.g., safety, non-availability, cost) for use or non-use of operational equipment for training.
- c. A description of significant events and source documents (e.g., training concept document, training plan) that detail the training requirement and training deficiency, and the resulting evolution of the training requirement.

2.3.2 Instructional delivery system selection. This data shall include the following:

- a. A description of resources and constraints impacting media selection.
- b. A list of sensory stimulus requirements (e.g., sound, visual, motion, color) required for each training task, LO, or learning event, and degree of realism required.
- c. Primary and alternate instructional delivery systems (e.g., paper-based materials, films, IMI, simulator, Internet, intranet) capable of providing sensory stimulus for each training task, LO, and learning event.

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- d. A summary of the media features analysis including man-machine interface devices, visual output features, audio output, and motion features shall be provided in matrix or narrative format with the following content:
 - (1) Identification of critical features and their relationship to LOs.
 - (2) Identification of applicability of features to LOs.
 - (3) Identification of the frequency of application to LOs.
- e. A chart showing the daily schedule of learning events and activities in relation to the primary and alternate instructional delivery systems.
- f. A chart showing the time sequence of learning events and the recommended media mix. The chart shall be organized using unit and lesson numbers, lesson titles and learning objective relationships.
- g. A chart of the total media resources required.
- h. A description of the life cycle cost analysis (i.e., procurement, development, and implementation as appropriate) and evaluation of the advantages and disadvantages (training effectiveness) of the alternatives.
- i. A description of the results of trade studies made on vendor equipment for the purpose of selecting preferred media, training equipment, and courseware production tools. It shall include rationale to justify selection of new versus existing media and methods.
- j. A description of the results of the media and methods analysis and allocation process for each skill to be trained. It shall provide a list of the LOs, predictions of effectiveness for alternate media and methods, rationale for selection, and other relative information for the LOs. It shall be organized to identify LOs by categories of required types of training (e.g., academic, hands-on).
- k. A description of the instructional features required for each LO.

2.3.3 Recommendations. The recommendations data shall contain:

- a. Justification for the selected media.
- b. A recommendation for the media features (hardware and software) which includes the rationale for each feature based on LOs.
- c. A recommendation identifying the best suited instructional delivery system.
- d. A summary of the following:
 - (1) Instructional delivery system capability needed.
 - (2) Purpose of the instructional delivery system.
 - (3) Proposed location(s).
 - (4) Program milestone schedule.
 - (5) Alternative training solutions considered.
 - (6) Cost effectiveness analysis.
 - (7) Adverse impact if instructional delivery system is not provided.

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- (8) For distributed learning, a description of requirements for Course Management System (CMS), Learning Management System (LMS), communication tools, reference resources, and student station hardware and software requirements.

2.4 Part 3: Instructional delivery system functional characteristics data. The data shall describe the instructional delivery system functional characteristics as follows:

2.4.1 Training considerations. The training considerations data shall summarize the training analysis which forms the basis for development of the instructional delivery system. It shall include the following:

- a. A description of any assumptions which affected the instructional delivery system requirements.
- b. A summary of requirements from source documents (e.g., training concept document, training plan).
- c. A summary of the process used to conduct the instructional delivery system requirements analysis.
- d. A description of performance goals (expected achievement levels).
- e. A list of knowledge, skills, and attitudes to be trained.
- f. A list of LOs.
- g. A description of training strategies, methods, and techniques.
- h. A description of the trainee population as follows:
 - (1) Initial, peak, and steady state quantity of trainees per session.
 - (2) Initial, peak, and steady state quantity of sessions per year.
 - (3) Sources of trainees.
 - (4) Military grade and occupation.
 - (5) Training cycle.
 - (6) Prerequisites.
 - (7) Qualifications (i.e., entry level knowledge and skills).
- i. A description of instructor requirements as follows:
 - (1) Types and numbers required.
 - (2) Prerequisites and qualifications (e.g., education, military grade and occupation, civilian grade or occupational series, experience).
 - (3) Special training required.
 - (4) Anticipated instructor to student ratios (e.g., classroom, laboratory).
 - (5) Anticipated operational requirements.
- j. A description of utilization as follows:
 - (1) Relationship of instructional delivery system to existing training program.

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- (2) Type of instruction (e.g., individualized, team, subteam).
- (3) Percent of training time using the instructional delivery system.
- (4) Description of exercise(s) to be conducted using the instructional delivery system.
- (5) Anticipated usage to include hours of operation per day and week.

2.4.2 Functional characteristics. The functional characteristics data shall describe the instructional delivery system in terms of performance capabilities. The description shall include the following:

- a. A description of the constraints to include:
 - (1) Operational baseline constraints imposed by the configuration of the operational equipment.
 - (2) Physical constraints to include: technological, fiscal, personnel, hazards, environmental, and security.
 - (3) Assumptions to include: platform or equipment characteristics, targets, physical environment, and exercise scenarios.
- b. A description of the functional characteristics to be modeled to include:
 - (1) A general description to include the:
 - (a) Tactical environment.
 - (b) Role of operational equipment to be modeled.
 - (2) System or equipment performance and capabilities to include:
 - (a) Weapon system(s) or equipment.
 - (b) Sensor systems (e.g., sonar, radar, periscope).
 - (c) Command, control, and communication.
 - (d) Dynamic performance characteristics (e.g., speed, depth, altitude).
 - (e) Countermeasures.
 - (f) Propulsion systems.
 - (g) Hull, mechanical, electrical, and etc.
 - (h) Limitations.
 - (3) Target performance characteristics to include:
 - (a) Number of targets.
 - (b) Dynamic performance characteristics.
 - (c) Weapons.
 - (d) Sensors.
 - (e) Countermeasures.

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- (f) Propulsion.
 - (g) Limitations.
- (4) Physical environment to include:
- (a) Gaming area.
 - (b) Ocean conditions.
 - (c) Land mass simulation.
 - (d) Weather.
 - (e) Job-task environment.
 - (f) Limitations.
- (5) Training modes of operation to include:
- (a) Basic modes (e.g., individual).
 - (b) Joint modes (e.g., team, subteam).
 - (c) Alternate or degraded modes of operation.
 - (d) Acceptable tolerances of degradation in training equipment before training is aborted.
 - (e) Normal scenarios.
 - (f) Abnormal scenarios.
- (6) Instructor/operator station characteristics to include:
- (a) Specific behavioral objectives to be trained with the equipment.
 - (b) Training concept.
 - (c) Functional performance characteristics of the instructor operator station.
 - (d) Typical training exercises and scenarios.
 - (e) Trainer facility configuration including interfaces between trainer subsystems.
 - (f) Manning (i.e., qualitative and quantitative characteristics of instructors and operators).
 - (g) Training of instructors and operators.
 - (h) Test and evaluation of the instructor operator station.
 - (i) Documentation.
- (7) Instructor/operator station features to include:
- (a) Exercise initiation.
 - (b) Control of training problems (i.e., manual or automated).
 - (c) Event programming.
 - (d) Instructor flags (e.g., identification of events in program).
 - (e) Environment modification.
 - (f) Controller models (i.e., simulated conditions).

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- (g) Intelligent adversary models.
 - (h) Malfunction selection, insertion, and cancellation.
 - (i) Performance measurement diagnosis and recording capability.
 - (j) Scenario or exercise playback capability.
 - (k) Pause and resume.
 - (l) Reinitialization and restart of frozen simulation program.
 - (m) Hard copy output for debriefing.
 - (n) Communications (i.e., cued, recorded, or selective).
 - (o) Crash or grounding control.
 - (p) Instructor aids (e.g., assistance, tutorials).
 - (q) Management reports and findings for student evaluation.
- (8) Degree of fidelity to include:
- (a) Physical and functional fidelity.
 - (b) Areas of fidelity critical to training.
- (9) A description of the interfaces with other stations, training devices, or systems, including communication networks.
- (10) A list of faults to be modeled.
- (11) Other characteristics:
- (a) Types and number of student stations.
 - (b) Unique types of information to be presented.
 - (c) Cues which can be modified, slowed, accelerated, enhanced, or reduced.
 - (d) Other information pertinent to the training characteristics.
- c. A description of the availability and use to include:
- (1) Design goals for steady state availability such as hours per day and days per week.
 - (2) Design goal for the operating life.
 - (3) Probability of lesson completion without failure.
 - (4) Reliability goal in terms of mean time between failures.
 - (5) Maintainability goals in terms of system mean time to repair and maximum corrective maintenance time.
 - (6) Preventive maintenance goals.
- d. A description of the installation site requirements to include:
- (1) Location.
 - (2) Existing training system or complex into which the new instructional delivery system is to be integrated.

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- (3) Mockup or equipment layout, inclusive of Government Furnished Equipment (GFE).
- (4) Anticipated site installation problems.
- (5) Facilities required (e.g., new building construction, building modifications, power, air conditioning, reinforced flooring).
- (6) Lighting requirements.
- (7) Unusual requirements for electromagnetic environmental effects.
- (8) Security requirements (e.g., physical, automatic data processing, electromagnetic).
- (9) Other unusual environmental conditions (e.g., temperature variations, water, vibration, dust).

e. Joint Service/Intraservice interoperability:

- (1) Sharable Content Object (SCO) interoperability.
- (2) High Level Architecture (HLA) compliance.
- (3) Joint Technical Architecture (JTA) compliance.

2.4.3 PrePlanned Product Improvement (P³I). (The P³I data should be included only when a difference exists between the functional performance baseline required in the trainer to meet the training need as defined in 2.4.2 above, and that capability which is technically achievable through standard commercial practices within known limitations of funding availability, producibility, or supportability. This information is of use to: (1) influence training device design, (2) identify the resource base needed to implement the required performance enhancements subsequent to training equipment delivery, or (3) to provide the basis for a research initiative to achieve full performance.) The P³I plan shall identify required capabilities which will not be delivered with the first article development and shall describe the plan of action to correct the shortfall. This subsection shall provide a summary of P³I data to include:

- a. Training capabilities not provided and rationale.
- b. Actions required to eliminate shortfall.
- c. Plan for training system upgrade to full capability.

2.4.4 Training system support considerations. The support considerations data shall provide a description of the concepts, goals, and constraints which will control design of media, to include:

- a. A description of the support program as follows:
 - (1) Support strategy.
 - (2) Level and type of support analysis anticipated.
 - (3) Description of any differences in strategy or support considerations between the prototype and production units.
 - (4) Anticipated operational test and evaluation parameters.

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- b. A description of the maintenance planning as follows:
 - (1) Maintenance concept.
 - (2) Anticipated differences in maintenance concept between the prototype and production units.
- c. A description of the technical data support package as follows:
 - (1) Qualification documents for instructors, operators, and maintainers.
 - (2) Support and technical documentation for instructors, operators, and maintainers.
- d. A description of the personnel staffing to include identifying the sources of support personnel (e.g., contractor operation and maintenance, Government civilian, military).
- e. A description of the contractor engineering and technical services as follows:
 - (1) Anticipated contractor engineering, technical, and maintenance services required for both prototype development and test and evaluation.
 - (2) Contractor engineering and technical services needed for production units following the ready-for-training date.
- f. A description of the life cycle support as follows:
 - (1) Software support.
 - (a) Anticipated level of change.
 - (b) Planned hardware and software support approaches (i.e., Government, contractor, or Government and contractor).
 - (c) Planned training system support activity.
 - (d) Requirements to establish, operate, and maintain training system support capability.
 - (2) Supply support:
 - (a) Length of anticipated initial support period.
 - (b) Type and level of supply support.
 - (c) Unusual parameters in provisioning or technical documentation.

2.5 Part 4: Training system modification data. This data shall describe the modification required to an existing training system. The data shall include:

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- a. A description of the training deficiency causing the requirement for the training system modifications.
- b. A comparative analysis of modification life cycle costs, training gains, and equipment system life expectancy.
- c. Estimates of training resource savings or other gains to include:
 - (1) Instructor time.
 - (2) Operational equipment training hours.
 - (3) More effective training resource utilization.
 - (4) Elimination of training problems.

2.6 Appendices. The appendices shall include the following:

2.6.1 Appendix A. A list of references.

2.6.2 Appendix B. A bibliography.

2.6.3 Appendix C. Key milestone dates, key decision points, and points of contact.

2.6.4 Appendix D. A distribution list.

2.6.5 Appendix E. A list of definitions, acronyms, and specialized terms.

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.

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TABLE 1. Standard digital data requirements

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2. <u>Content</u> . The Instructional Media Requirements Document shall contain the following:) ALIAS NAME DOCUMENT IDENTIFIER DOCUMENT NAME DOCUMENT-TYPE CODE	
(2.1 <u>Front matter</u> . Content of the 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	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
OCCUPATION-INSTRUCTIONAL-UNIT REASON CODE ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN CALENDAR DATE 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-DOCUMENT REASON CODE TRAINING-RISK IDENTIFIER TRAINING-RISK LEVEL CODE	
(2.2 Part 1: Media selection model specifications data. The model data shall describe the procedures to be used to identify primary and alternate media for each Learning Objective (LO) and shall include:) AUDIO-MEDIA-FORMAT IDENTIFIER DEVELOPMENT-PRODUCTION MEDIA SELECTION RATIONALE TEXT INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.2.a Methodology for identifying the sensory stimulus requirements of the LOs.) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE INSTRUCTIONAL-METHODOLOGY SCENARIO CODE LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE LEARNING-OBJECTIVE-STATUS CODE QUANTITATIVE-DIMENSION VALUE QUANTITY SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE	
(2.2.b Method for identifying the sensory stimulus of the media.) AUDIO-MEDIA-FORMAT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
AUDIO-RECORDING IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER SENSORY-STIMULUS-CUE IDENTIFIER VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.2.c Procedure for consideration of LOs presentation sequence in the selection of media.) AUDIO-MEDIA-FORMAT IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-ASSOCIATION REASON CODE LEARNING-OBJECTIVE-MATERIEL-ITEM REASON CODE PRODUCTION IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.2.d The hardware and software specifications if the model is automated.) DATA-PROCESSING-EQUIPMENT TYPE NAME GUIDANCE FUNCTIONAL TYPE CODE GUIDANCE IDENTIFIER GUIDANCE-CITATION TYPE CODE INFORMATION-ASSET DEFINITION TEXT INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET VERSION IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.2.e Special proprietary license requirements, if any.) GUIDANCE IDENTIFIER GUIDANCE-CITATION SPECIAL ADMINISTRATION TYPE CODE INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET VERSION IDENTIFIER INFORMATION-ASSET-LICENSE DESCRIPTION TEXT INSTRUCTIONAL-METHODOLOGY IDENTIFIER	
(2.2.f The relationship between media selection and course outline development (i.e., does media selection follow course outline development; or does course outline development follow media selection).) AUDIO-MEDIA-FORMAT IDENTIFIER DEVELOPMENT-PRODUCTION MEDIA SELECTION RATIONALE TEXT INSTRUCTIONAL-CLASS-METHOD CODE INSTRUCTIONAL-METHODOLOGY PURPOSE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE VISUAL-IMAGE MEDIA TYPE CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
<p>(2.2.g A flow chart which shows the questions asked, the decision points, and the sequence of events for media selection.)</p> <p>AUDIO-MEDIA-FORMAT IDENTIFIER DEVELOPMENT-PRODUCTION MEDIA SELECTION RATIONALE TEXT DOCUMENT IDENTIFIER EVALUATION IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE INSTRUCTIONAL-METHODOLOGY PURPOSE CODE INSTRUCTIONAL-METHODOLOGY SCENARIO CODE INSTRUCTIONAL-METHODOLOGY-ASSOCIATION REASON CODE VISUAL-IMAGE MEDIA TYPE CODE</p>	
<p>(2.2.h Media selection model.)</p> <p>INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE INSTRUCTIONAL-METHODOLOGY SCENARIO CODE NUMERICAL-ANALYSIS MEASUREMENT TYPE CODE</p>	
<p>(2.3 <u>Part 2: Media selection analysis data.</u> The media selection analysis data shall provide descriptions of the source of the instructional media requirements, the results of the media selection and allocation process, and describes primary and alternate media and methods to satisfy each LO.)</p> <p>AUDIO-MEDIA-FORMAT IDENTIFIER DEVELOPMENT-PRODUCTION MEDIA SELECTION RATIONALE TEXT INSTRUCTIONAL-CLASS-METHOD CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE</p>	
<p>(2.3.1 <u>Instructional media requirements source data.</u> The data shall include a summary of the historical background of the training requirements analysis, a description of the operational system, and a discussion of the scope, magnitude, and constraints of the analysis. The data shall also include a summary description with a justification for the proposed media as follows:)</p> <p>CAPABILITY CONSTRAINT INDICATOR CODE EVALUATION IDENTIFIER FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER GUIDANCE IDENTIFIER</p>	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE TEXT INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL CATEGORY CODE MATERIEL IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE SCOPE TEXT SYSTEM-PLATFORM DESCRIPTION TEXT SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.3.1.a A description of the purpose and function of the operational system.) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT SYSTEM-PLATFORM DESCRIPTION TEXT	
(2.3.1.b A description of unique knowledge, skills, and attitudes required for the operational system. Identify existing applicable training systems and their shortfalls. Provide rationale (e.g., safety, non-availability, cost) for use or non-use of operational equipment for training.) ATTITUDE LEARNING CODE KNOWLEDGE DESCRIPTION TEXT KNOWLEDGE LEARNING CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-CAPABILITY-ESTIMATE REASON CODE SKILL IDENTIFIER SYSTEM-PLATFORM DESCRIPTION TEXT TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.3.1.c A description of significant events and source documents (e.g., training concept document, training plan) that detail the training requirement and training deficiency, and the resulting evolution of the training requirement.) DOCUMENT IDENTIFIER EVENT IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE SOFTWARE-REQUIREMENT-TYPE NAME	
(2.3.2 Instructional delivery system selection. This data shall include the following:) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER	
(2.3.2.a A description of resources and constraints impacting media selection.) CAPABILITY CONSTRAINT INDICATOR CODE EXAMINATION-METHOD DESIGN STRATEGY DESCRIPTION TEXT FUND IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER PERSON IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.3.2.b A list of sensory stimulus requirements (e.g., sound, visual, motion, color) required for each training task, LO, or learning event, and degree of realism required.) EDUCATIONAL-DISCIPLINE CODE INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-EVENT PRIORITY CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE FIDELITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE TASK-TYPE CATEGORY CODE	
(2.3.2.c Primary and alternate instructional delivery systems (e.g., paper-based materials, films, IMI, simulator, Internet, intranet) capable of providing sensory stimulus for each training task, LO, and learning event.) INSTRUCTIONAL-ACTIVITY IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-MATERIEL-ITEM PRIORITY CODE LEARNING-OBJECTIVE-MATERIEL-ITEM REASON CODE LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM TYPE CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER	
(2.3.2.d A summary of the media features analysis including man-machine interface devices, visual output features, audio output, and motion features shall be provided in matrix or narrative format with the following content:) AUDIO-RECORDING IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER VISUAL-IMAGE IDENTIFIER	
(2.3.2.d.1 Identification of critical features and their relationship to LOs.) LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER	
(2.3.2.d.2 Identification of applicability of features to LOs.) INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER	
(2.3.2.d.3 Identification of the frequency of application to LOs.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER	
(2.3.2.e A chart showing the daily schedule of learning events and activities in relation to the primary and alternate instructional delivery systems.) INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-MATERIEL PRECEDENCE CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-ASSOCIATION REASON CODE MATERIEL-ASSOCIATION IDENTIFIER	
(2.3.2.f A chart showing the time sequence of learning events and the recommended media mix. The chart shall be organized using unit and lesson numbers, lesson titles and learning objective relationships.) AUDIO-MEDIA-FORMAT IDENTIFIER DOCUMENT IDENTIFIER DOCUMENT NAME INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-ASSOCIATION REASON CODE LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.2.g A chart of the total media resources required.) AUDIO-MEDIA-FORMAT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE PRODUCTION-INSTRUCTIONAL-CLASS ASSOCIATION DURATION QUANTITY PRODUCTION-INSTRUCTIONAL-UNIT PRODUCTION PRECEDENCE CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.2.h A description of the life cycle cost analysis (i.e., procurement, development, and implementation as appropriate) and evaluation of the advantages and disadvantages (training effectiveness) of the alternatives.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
AUDIO-MEDIA-FORMAT IDENTIFIER COST-TYPE CODE FUND IDENTIFIER PRODUCTION IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION SUBJECT CODE SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-PURPOSE CODE VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.2.i A description of the results of trade studies made on vendor equipment for the purpose of selecting preferred media, training equipment and courseware production tools. It shall include rationale to justify selection of new versus existing media and methods.) AUDIO-MEDIA-FORMAT IDENTIFIER EVALUATION IDENTIFIER EVALUATION-METHODOLOGY-TYPE CODE INSTRUCTIONAL-CLASS-METHOD CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT INSTRUCTIONAL-UNIT-NAME TEXT LOCATION IDENTIFIER MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-DOCUMENT-MEDIA-TYPE CODE MATERIEL-ITEM IDENTIFIER MATERIEL-ORGANIZATION TYPE CODE ORGANIZATION IDENTIFIER ORGANIZATION-LOCATION ASSOCIATION CODE PRODUCTION IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER TECHNICAL-SUBJECT-AREA DESCRIPTION TEXT TECHNICAL-SUBJECT-AREA IDENTIFIER TECHNICAL-SUBJECT-AREA NAME VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.2.j A description of the results of the media and methods analysis and allocation process for each skill to be trained. It shall provide a list of the LOs, predictions of effectiveness for alternate media and methods, rationale for selection, and other relative information for the LOs. It shall be organized to identify LOs by categories of required types of training (e.g., academic, hands-on).) ATTITUDE LEARNING CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
AUDIO-MEDIA-FORMAT IDENTIFIER EVALUATION-METHODOLOGY-TYPE CODE INSTRUCTIONAL-CLASS-METHOD CODE INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE KNOWLEDGE LEARNING CODE LEARNING-LEVEL CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-STRATEGY CODE SKILL IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-PURPOSE CODE VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.2.k A description of the instructional features required for each LO.) LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER VISUAL-IMAGE IDENTIFIER	
(2.3.3 <u>Recommendations.</u> The recommendations data shall contain:) CAPABILITY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER MATERIEL IDENTIFIER AUDIO-MEDIA-FORMAT IDENTIFIER PRODUCTION-PURPOSE CODE VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.3.a Justification for the selected media.) AUDIO-MEDIA-FORMAT IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL REASON CODE VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.3.b A recommendation for the media features (hardware and software) which includes the rationale for each feature based on LOs.) AUDIO-MEDIA-FORMAT IDENTIFIER AUDIO-RECORDING IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE VISUAL-IMAGE IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.3.c A recommendation identifying the best suited instructional delivery system.) AUDIO-MEDIA-FORMAT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION QUALITY LEVEL CODE VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.3.d A summary of the following:) DOCUMENT CATEGORY CODE DOCUMENT-TYPE CODE	
(2.3.3.d.1 Instructional delivery system capability needed.) CAPABILITY IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER LOCATION-REQUIREMENT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER	
(2.3.3.d.2 Purpose of the instructional delivery system.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT	
(2.3.3.d.3 Proposed location(s).) FACILITY-LOCATION ASSOCIATION CODE FACILITY-LOCATION IDENTIFIER FACILITY-LOCATION SEQUENCE IDENTIFIER LOCATION IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER MATERIEL-ORGANIZATION PROPOSED DURATION QUANTITY MATERIEL-ORGANIZATION TYPE CODE ORGANIZATION IDENTIFIER ORGANIZATION-FACILITY IDENTIFIER ORGANIZATION-FACILITY-REASON CODE	
(2.3.3.d.4 Program milestone schedule.) EVENT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-PROGRAM REASON TEXT PROGRAM IDENTIFIER PROGRAM NAME	
(2.3.3.d.5 Alternative training solutions considered.) AUDIO-MEDIA-FORMAT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
EVALUATION IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER PRODUCTION IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.3.d.6 Cost effectiveness analysis.) AUDIO-MEDIA-FORMAT IDENTIFIER COST-TYPE CODE FUND IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER PRODUCTION IDENTIFIER PRODUCTION-INSTRUCTIONAL-UNIT PRODUCTION PRECEDENCE CODE SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION SUBJECT CODE SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-PURPOSE CODE VISUAL-IMAGE MEDIA TYPE CODE	
(2.3.3.d.7 Adverse impact if instructional delivery system is not provided.) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-CLASS-MEETING-MATERIEL DESCRIPTION TEXT INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE-ASSUMPTION TEXT	
(2.3.3.d.8 For distributed learning, a description of requirements for Course Management System (CMS), Learning Management System (LMS), communication tools, reference resources, and student station hardware and software requirements.) INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET TYPE CODE INFORMATION-ASSET VERSION IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TRACKING IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT-LINE-ITEM IDENTIFIER MATERIEL-ITEM IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4 <u>Part 3: Instructional delivery system functional characteristics data</u> . The data shall describe the instructional delivery system functional characteristics as follows:) FUNCTIONAL-ACTIVITY IDENTIFIER FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT	
(2.4.1 <u>Training considerations</u> . The training considerations data shall summarize the training analysis which forms the basis for development of the instructional delivery system. It shall include the following:) ANALYSIS-SAMPLE-REQUIREMENT IDENTIFIER ANALYSIS-SAMPLE-REQUIREMENT SELECTION CRITERIA TEXT EVALUATION-METHODOLOGY PURPOSE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.4.1.a A description of any assumptions which affected the instructional delivery system requirements.) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE LEARNING-OBJECTIVE IDENTIFIER LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE-ASSUMPTION IDENTIFIER	
(2.4.1.b A summary of requirements from source documents (e.g., training concept document, training plan).) DOCUMENT IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GUIDANCE FUNCTIONAL TYPE CODE INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-REQUIREMENT TEXT LOCATION-REQUIREMENT IDENTIFIER	
(2.4.1.c A summary of the process used to conduct the instructional delivery system requirements analysis.) ANALYSIS-SAMPLE-REQUIREMENT IDENTIFIER ANALYSIS-SAMPLE-REQUIREMENT SELECTION CRITERIA TEXT FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.4.1.d A description of performance goals (expected achievement levels).) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER MOBILIZATION-CONDITION CODE MOBILIZATION-STATUS CODE PERFORMANCE-STANDARD CRITICALITY CODE PERFORMANCE-STANDARD DESCRIPTION TEXT PERFORMANCE-STANDARD IDENTIFIER TASK IDENTIFIER	
(2.4.1.e A list of knowledge, skills, and attitudes to be trained.) ATTITUDE LEARNING CODE KNOWLEDGE LEARNING CODE LEARNING-OBJECTIVE IDENTIFIER SKILL IDENTIFIER TASK IDENTIFIER TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(2.4.1.f A list of LOs.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
LEARNING-OBJECTIVE IDENTIFIER	
(2.4.1.g A description of training strategies, methods, and techniques.) EVALUATION-METHODOLOGY-TYPE CODE GUIDANCE FUNCTIONAL TYPE CODE INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY-GUIDANCE REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-STRATEGY CODE	
(2.4.1.h A description of the trainee population as follows:) INSTRUCTIONAL-UNIT IDENTIFIER PERSON-TYPE-INSTRUCTIONAL-UNIT ROLE CODE	
(2.4.1.h.1 Initial, peak, and steady state quantity of trainees per session.) INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-ENROLLMENT-CONDITION STUDENT QUANTITY INSTRUCTIONAL-CLASS-ENROLLMENT-CONDITION-TYPE CODE INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT MOBILIZATION-CONDITION CODE MOBILIZATION-STATUS CODE OCCUPATION IDENTIFIER OCCUPATION-CLASSIFICATION CODE PAY-PLAN CODE PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON IDENTIFIER PERSON-OCCUPATION PROFICIENCY CODE PERSON-TYPE-INSTRUCTIONAL-UNIT ROLE CODE PERSONNEL-RESOURCE TYPE CODE PERSONNEL-SKILL OCCUPATIONAL GROUP CODE SKILL IDENTIFIER	
(2.4.1.h.2 Initial, peak, and steady state quantity of sessions per year.) FACILITY IDENTIFIER INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS INTENDED DURATION QUANTITY INSTRUCTIONAL-CLASS-ENROLLMENT-CONDITION-TYPE CODE INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-UNIT IDENTIFIER MOBILIZATION-CONDITION CODE	
(2.4.1.h.3 Sources of trainees.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT IDENTIFIER ORGANIZATION-TYPE IDENTIFIER PERSON-TYPE-INSTRUCTIONAL-UNIT ROLE CODE	
(2.4.1.h.4 Military grade and occupation.) INSTRUCTIONAL-UNIT IDENTIFIER OCCUPATION IDENTIFIER PAY-PLAN CODE PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON IDENTIFIER PERSON-TYPE-INSTRUCTIONAL-UNIT ROLE CODE PERSONNEL-RESOURCE TYPE CODE	
(2.4.1.h.5 Training cycle.) INSTRUCTIONAL-UNIT-NAME TEXT	
(2.4.1.h.6 Prerequisites.) CERTIFICATION-TYPE CLASSIFICATION CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-REQUIREMENT REASON CODE LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE PERSON-TYPE-CERTIFICATION-TYPE ROLE CODE PERSON-TYPE-INSTRUCTIONAL-UNIT ROLE CODE QUALIFICATION-TYPE IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.1.h.7 Qualifications (i.e., entry level knowledge and skills).) ATTITUDE LEARNING CODE KNOWLEDGE LEARNING CODE LEARNING-OBJECTIVE IDENTIFIER SKILL IDENTIFIER TASK IDENTIFIER	
(2.4.1.i A description of instructor requirements as follows.) INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE INSTRUCTIONAL-UNIT IDENTIFIER	
(2.4.1.i.1 Types and numbers required.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-PERSON-TYPE QUANTITY INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE PERSONNEL-RESOURCE TYPE CODE	
(2.4.1.i.2 Prerequisites and qualifications (e.g., education, military grade and occupation, civilian grade or occupational series, experience).) INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE OCCUPATION IDENTIFIER OCCUPATION-CLASSIFICATION CODE PERSONNEL-RESOURCE TYPE CODE PERSONNEL-SKILL OCCUPATIONAL GROUP CODE	
(2.4.1.i.3 Special training required.) CERTIFICATION IDENTIFIER CERTIFICATION-TYPE IDENTIFIER INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE INSTRUCTIONAL-UNIT IDENTIFIER PERSON-CERTIFICATION-ROLE CODE PERSON-TYPE-CERTIFICATION-TYPE ROLE CODE	
(2.4.1.i.4 Anticipated instructor to student ratios (e.g., classroom, laboratory).) INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER	
(2.4.1.i.5 Anticipated operational requirements.) FACILITY-TYPE-REQUIREMENT IDENTIFIER FACILITY-TYPE-REQUIREMENT RATIONALE TEXT FUND-REQUIREMENT IDENTIFIER FUND-TYPE-SITUATION REASON CODE INFORMATION-ASSET-REQUIREMENT DESCRIPTION TEXT INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE LOCATION-REQUIREMENT DESCRIPTION TEXT LOCATION-REQUIREMENT IDENTIFIER SITUATION IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.1.j A description of utilization as follows: MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.1.j.1 Relationship of instructional delivery system to existing training program.) INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT	
(2.4.1.j.2 Type of instruction (e.g., individualized, team, subteam).) INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-STRATEGY CODE	
(2.4.1.j.3 Percent of training time using the instructional delivery system.) INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-CLASS-MEETING-MATERIEL BEGIN CALENDAR DATE-TIME INSTRUCTIONAL-CLASS-MEETING-MATERIEL END CALENDAR DATE-TIME INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.1.j.4 Description of exercise(s) to be conducted using the instructional delivery system.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT-SITUATION REASON CODE MATERIEL-ASSOCIATION IDENTIFIER SITUATION EXPLANATION TEXT SITUATION IDENTIFIER	
(2.4.1.j.5 Anticipated usage to include hours of operation per day and week.) INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-CLASS-MEETING-MATERIEL BEGIN CALENDAR DATE-TIME INSTRUCTIONAL-CLASS-MEETING-MATERIEL END CALENDAR DATE-TIME INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.2 <u>Functional characteristics.</u> The functional characteristics data shall describe the instructional delivery system in terms of performance capabilities. The description shall include the following:) CAPABILITY IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CAPABILITY TYPE CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.2.a A description of the constraints to include:) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.2.a.1 Operational baseline constraints imposed by the configuration of the operational equipment.) CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY IDENTIFIER FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-CLASS-METHOD CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL ADEQUACY CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SITUATION IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.2.a.2 Physical constraints to include: technological, fiscal, personnel, hazards, environmental, and security.) 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	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT CODE SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.2.a.3 Assumptions to include: platform or equipment characteristics, targets, physical environment, and exercise scenarios.) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-CONSTRAINT VALIDITY CODE FACILITY-TYPE-CONSTRAINT CODE FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT CODE FEATURE-CONSTRAINT IDENTIFIER FEATURE-FEATURE-TYPE-ESTABLISHMENT IDENTIFIER FEATURE-TYPE IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT VALIDITY CODE INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT VALIDITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT VALIDITY CODE SITUATION IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT CODE SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT VALIDITY CODE	
(2.4.2.b A description of the functional characteristics to be modeled to include:) FUNCTIONAL-ACTIVITY IDENTIFIER FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL IDENTIFIER MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2.b.1 A general description to include the:) MATERIEL IDENTIFIER	
(2.4.2.b.1.a Tactical environment.) FACILITY FRIEND FOE CODE FEATURE-LOCATION ASSOCIATION CODE FEATURE-TYPE IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LOCATION IDENTIFIER MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM DESCRIPTION TEXT MATERIEL-ORGANIZATION TYPE CODE MISSION IDENTIFIER MISSION-AREA TYPE CODE MISSION-ESSENTIAL-TASK DESCRIPTION TEXT ORGANIZATION-TYPE DESCRIPTION TEXT ORGANIZATION-TYPE IDENTIFIER SITUATION IDENTIFIER	
(2.4.2.b.1.b Role of operational equipment to be modeled.) FUNCTIONAL-ACTIVITY IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM-CHARACTERISTIC TYPE CODE MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT SITUATION EXPLANATION TEXT SITUATION IDENTIFIER	
(2.4.2.b.2 System or equipment performance and capabilities to include:) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE FACILITY FRIEND FOE CODE FUNCTIONAL-ACTIVITY IDENTIFIER FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM DESCRIPTION TEXT MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT SITUATION IDENTIFIER TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2.b.2.a Weapon system(s) or equipment.) MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.b Sensor systems (e.g., sonar, radar, periscope).) INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ITEM DESCRIPTION TEXT MATERIEL-ITEM TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.c Command, control, and communication.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ITEM DESCRIPTION TEXT SYSTEM-PLATFORM-CAPABILITY CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.d Dynamic performance characteristics (e.g., speed, depth, altitude).) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-TASK ROLE CODE SENSOR-TYPE FREQUENCY UPPER LIMIT RATE SENSOR-TYPE RELIABILITY RATE TASK IDENTIFIER TASK-TYPE IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.e Countermeasures.) ACTION-EFFECT-ESTIMATE EFFECT CODE ACTION-EFFECT-ESTIMATE IDENTIFIER ACTION-EFFECT-ITEM-ESTIMATE CATEGORY CODE CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-CAPABILITY-ESTIMATE CALENDAR DATE-TIME MATERIEL-ITEM TYPE CODE MATERIEL-ITEM-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE ORGANIZATION IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-TASK ROLE CODE SYSTEM-PLATFORM-CAPABILITY CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.f Propulsion systems.) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE MATERIEL-ITEM-CHARACTERISTIC TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.g Hull, mechanical, electrical, and etc.) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE MATERIEL-ITEM-CHARACTERISTIC TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.2.h Limitations.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE 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 INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE SYSTEM-PLATFORM-CONSTRAINT CODE	
(2.4.2.b.3 Target performance characteristics to include:) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE FACILITY FRIEND FOE CODE FUNCTIONAL-ACTIVITY IDENTIFIER FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM DESCRIPTION TEXT MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT SITUATION IDENTIFIER TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.a Number of targets.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM DESCRIPTION TEXT MATERIEL-ITEM TYPE CODE MATERIEL-ITEM-CHARACTERISTIC TYPE CODE SITUATION IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.b Dynamic performance characteristics.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-TASK ROLE CODE SENSOR-TYPE FREQUENCY UPPER LIMIT RATE SENSOR-TYPE RELIABILITY RATE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.c Weapons.) MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.d Sensors.) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ITEM DESCRIPTION TEXT MATERIEL-ITEM TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.e Countermeasures.) ACADEMIC-DOCUMENT ABILITY CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ACTION-EFFECT-ESTIMATE EFFECT CODE ACTION-EFFECT-ESTIMATE IDENTIFIER ACTION-EFFECT-ITEM-ESTIMATE CATEGORY CODE CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-CAPABILITY-ESTIMATE CALENDAR DATE-TIME MATERIEL-ITEM TYPE CODE ORGANIZATION IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-TASK ROLE CODE SYSTEM-PLATFORM-CAPABILITY CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.f Propulsion.) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE MATERIEL-ITEM-CHARACTERISTIC TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.3.g Limitations.) ACADEMIC-DOCUMENT ABILITY CODE CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE 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 INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE SYSTEM-PLATFORM-CONSTRAINT CODE SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2.b.4 Physical environment to include:) FEATURE-TYPE IDENTIFIER SITUATION IDENTIFIER	
(2.4.2.b.4.a Gaming area.) FACILITY FRIEND FOE CODE FACILITY-CATEGORY DESCRIPTION TEXT FACILITY-LOCATION ASSOCIATION CODE FACILITY-LOCATION IDENTIFIER FACILITY-LOCATION SEQUENCE IDENTIFIER FEATURE-LOCATION ASSOCIATION CODE FEATURE-TYPE IDENTIFIER FEATURE-TYPE-CAPABILITY-NORM MEASUREMENT UNIT QUANTITY GEOLOCATION LATITUDE COORDINATE GEOLOCATION LONGITUDE COORDINATE LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE LOCATION IDENTIFIER MEASURED-ELEVATION-POINT ELEVATION DIMENSION SENSORY-STIMULUS-CUE IDENTIFIER SITUATION IDENTIFIER TASK-FACILITY REASON CODE	
(2.4.2.b.4.b Ocean conditions.) FEATURE CATEGORY CODE FEATURE IDENTIFIER FEATURE-LOCATION ASSOCIATION CODE GEOPHYSICAL-DATA-REQUIREMENT DATA TYPE CODE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL EAST LONGITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL NORTH LATITUDE COORDINATE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GEOPHYSICAL-DATA-REQUIREMENT-DETAIL SOUTH LATITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL WEST LONGITUDE COORDINATE GEOSPATIAL-FEATURE-REPRESENTATION TYPE CODE LOCATION IDENTIFIER SITUATION IDENTIFIER	
(2.4.2.b.4.c Land mass simulation.) FEATURE CATEGORY CODE GEOLOCATION LATITUDE COORDINATE GEOLOCATION LONGITUDE COORDINATE GEOSPATIAL-FEATURE-REPRESENTATION TYPE CODE INSTRUCTIONAL-UNIT-NAME TEXT LOCATION IDENTIFIER MEASURED-ELEVATION-POINT ELEVATION DIMENSION SITUATION IDENTIFIER	
(2.4.2.b.4.d Weather.) FEATURE CATEGORY CODE FEATURE IDENTIFIER FEATURE-LOCATION ASSOCIATION CODE GEOPHYSICAL-DATA-REQUIREMENT DATA TYPE CODE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL EAST LONGITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL NORTH LATITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL PRODUCT SCALE QUANTITY GEOPHYSICAL-DATA-REQUIREMENT-DETAIL SOUTH LATITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL WEST LONGITUDE COORDINATE LOCATION IDENTIFIER SITUATION IDENTIFIER	
(2.4.2.b.4.e Job-task environment.) FACILITY IDENTIFIER FACILITY-TYPE CODE FEATURE IDENTIFIER	
(2.4.2.b.4.f Limitations.) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY IDENTIFIER FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE CATEGORY CODE FEATURE IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER GEOSPATIAL-FEATURE-REPRESENTATION TYPE CODE INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.2.b.5 Training modes of operation to include:) DATA-PROCESSING-SYSTEM CONFIGURATION IDENTIFIER INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE INSTRUCTIONAL-ACTIVITY PARTICIPANT QUANTITY INSTRUCTIONAL-ACTIVITY-MATERIEL-ITEM COVERAGE CODE INSTRUCTIONAL-ACTIVITY-MATERIEL-ITEM PRIMACY CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE INSTRUCTIONAL-METHODOLOGY PURPOSE CODE INSTRUCTIONAL-METHODOLOGY SCENARIO CODE INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ITEM IDENTIFIER PERSON-TYPE-MATERIEL-ITEM ROLE CODE SITUATION IDENTIFIER	
(2.4.2.b.5.a Basic modes (e.g., individual).) INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE TASK-TYPE CATEGORY CODE	
(2.4.2.b.5.b Joint modes (e.g., team, subteam).) INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE INSTRUCTIONAL-ACTIVITY PARTICIPANT QUANTITY INSTRUCTIONAL-ACTIVITY TEXT TASK-TYPE CATEGORY CODE	
(2.4.2.b.5.c Alternate or degraded modes of operation.) CAPABILITY IDENTIFIER INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE INSTRUCTIONAL-ACTIVITY-MATERIEL-ITEM PRIMACY CODE INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE MATERIEL IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL-ITEM TYPE CODE SITUATION IDENTIFIER SYSTEM-PLATFORM DESCRIPTION TEXT SYSTEM-PROGRAM NAME TASK-MATERIEL REASON CODE	
(2.4.2.b.5.d Acceptable tolerances of degradation in training equipment before training is aborted.) CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY IDENTIFIER 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 INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT CODE SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER TASK-MATERIEL REASON CODE TASK-TYPE CATEGORY CODE	
(2.4.2.b.5.e Normal scenarios.) MATERIEL-ASSOCIATION IDENTIFIER MISSION-ESSENTIAL-TASK CONDITION TEXT PERFORMANCE-CONDITION IDENTIFIER PERFORMANCE-CONDITION TYPE CODE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2.b.5.f Abnormal scenarios.) MATERIEL-ASSOCIATION IDENTIFIER MISSION-ESSENTIAL-TASK CONDITION TEXT PERFORMANCE-CONDITION IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERFORMANCE-CONDITION NORMALITY CODE PERFORMANCE-CONDITION TYPE CODE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2.b.6 Instructor/operator station characteristics to include:) INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ASSOCIATION TYPE CODE PERSON-MATERIEL-ITEM REASON CODE	
(2.4.2.b.6.a Specific behavioral objectives to be trained with the equipment.) LEARNING-LEVEL CODE LEARNING-OBJECTIVE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER OBSERVABLE-ACTION-BEHAVIOR CODE PERSON-MATERIEL-ITEM REASON CODE TASK IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2.b.6.b Training concept.) GUIDANCE FUNCTIONAL TYPE CODE TRAINING-CONCEPT SITE CODE TRAINING-CONCEPT TYPE CODE	
(2.4.2.b.6.c Functional performance characteristics of the instructor operator station.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-PERSON TYPE CODE SENSORY-STIMULUS-CUE FIDELITY CODE SENSORY-STIMULUS-CUE IDENTIFIER	
(2.4.2.b.6.d Typical training exercises and scenarios.) MATERIEL-ASSOCIATION IDENTIFIER MISSION-ESSENTIAL-TASK CONDITION TEXT PERFORMANCE-CONDITION IDENTIFIER PERFORMANCE-CONDITION NORMALITY CODE PERFORMANCE-CONDITION TYPE CODE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER TASK-MATERIEL REASON CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2.b.6.e Trainer facility configuration including interfaces between trainer subsystems.) FACILITY-ASSOCIATION IDENTIFIER FACILITY-ASSOCIATION TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-MATERIEL TYPE CODE INFORMATION-SYSTEM INTERFACE TRANSACTION PREDOMINANT METHOD CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE PERSON-MATERIEL-ITEM REASON CODE	
(2.4.2.b.6.f Manning (i.e., qualitative and quantitative characteristics of instructors and operators).) OCCUPATION IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE-MATERIEL PERSON TYPE QUANTITY PSYCHOMOTOR-SKILL TYPE CODE SKILL IDENTIFIER	
(2.4.2.b.6.g Training of instructors and operators.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT TYPE CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-DOCUMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PSYCHOMOTOR-SKILL TYPE CODE SKILL IDENTIFIER TASK IDENTIFIER	
(2.4.2.b.6.h Test and evaluation of the instructor operator station.) INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT QUANTITY OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT SCALE CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT TYPE CODE PERFORMANCE-INDICATOR IDENTIFIER PERFORMANCE-STANDARD CRITERION TEXT	
(2.4.2.b.6.i Documentation.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
DOCUMENT IDENTIFIER DOCUMENT-TYPE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL-ASSOCIATION IDENTIFIER VISUAL-IMAGE FORMAT CODE VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.4.2.b.7 Instructor/operator station features to include:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-FEATURE ROLE CODE MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE	
(2.4.2.b.7.a Exercise initiation.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER PERFORMANCE-CONDITION IDENTIFIER PERFORMANCE-CONDITION TYPE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON-OCCUPATION PROFICIENCY CODE PSYCHOMOTOR-SKILL TYPE CODE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SKILL IDENTIFIER	
(2.4.2.b.7.b Control of training problems (i.e., manual or automated).) INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL-PERFORMANCE CONDITION REASON CODE PERFORMANCE-CONDITION IDENTIFIER SITUATION EXPLANATION TEXT SITUATION IDENTIFIER	
(2.4.2.b.7.c Event programming.) INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
LEARNING-OBJECTIVE IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL-PERFORMANCE CONDITION REASON CODE PERFORMANCE-CONDITION IDENTIFIER PERSON IDENTIFIER SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SITUATION-ASSOCIATION REASON CODE TASK IDENTIFIER	
(2.4.2.b.7.d Instructor flags (e.g., identification of events in program).) GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE-STATUS CALENDAR DATE-TIME GUIDANCE-STATUS CATEGORY CODE INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-LEVEL CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-STRATEGY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL-PERFORMANCE CONDITION REASON CODE OBSERVABLE-ACTION-BEHAVIOR CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT TYPE CODE PERFORMANCE-ACHIEVEMENT ACTUAL QUANTITY PERFORMANCE-CONDITION IDENTIFIER PERSON IDENTIFIER SITUATION IDENTIFIER SITUATION-GUIDANCE REASON CODE TASK IDENTIFIER	
(2.4.2.b.7.e Environment modification.) FEATURE CATEGORY CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FEATURE IDENTIFIER GEOPHYSICAL-DATA-REQUIREMENT DATA TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL-PERFORMANCE CONDITION REASON CODE SITUATION IDENTIFIER	
(2.4.2.b.7.f Controller models (i.e., simulated conditions).) DATA-PROCESSING-EQUIPMENT TYPE NAME INFORMATION-ASSET IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT TRAINING-INFORMATION-SYSTEM-CHARACTERISTIC IDENTIFIER	
(2.4.2.b.7.g Intelligent adversary models.) DATA-PROCESSING-EQUIPMENT TYPE NAME FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INFORMATION-ASSET IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL FRIEND FOE CODE MATERIEL IDENTIFIER MATERIEL PORTABILITY CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER ORGANIZATION FRIEND FOE CODE ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER ORGANIZATION-TYPE IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT SYSTEM-PLATFORM-CAPABILITY CODE TRAINING-INFORMATION-SYSTEM-CHARACTERISTIC IDENTIFIER	
(2.4.2.b.7.h Malfunction selection, insertion, and cancellation.) ACTION IDENTIFIER CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE IDENTIFIER SITUATION IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.7.i Performance measurement diagnosis, and recording capability.) ACADEMIC-DOCUMENT ABILITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT SCALE CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT TYPE CODE PERFORMANCE-INDICATOR DESCRIPTION TEXT PERFORMANCE-INDICATOR IDENTIFIER PERFORMANCE-STANDARD IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE REMEDIAL-INSTRUCTIONAL-METHODOLOGY TYPE CODE TASK-MATERIEL REASON CODE	
(2.4.2.b.7.j Scenario or exercise playback capability.) MATERIEL IDENTIFIER MATERIEL-ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT TYPE CODE PERFORMANCE-INDICATOR IDENTIFIER SITUATION IDENTIFIER SITUATION TYPE CODE	
(2.4.2.b.7.k Pause and resume.) MATERIEL IDENTIFIER MATERIEL-ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER SITUATION IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2.b.7.l Reinitialization and restart of frozen simulation program.) CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE SITUATION IDENTIFIER SITUATION TYPE CODE SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.7.m Hard copy output for debriefing.) CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.7.n Communications (i.e, cued, recorded, or selective).) CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.7.o Crash or grounding control.) ACTION IDENTIFIER ACTION-EFFECT-ITEM-ESTIMATE CATEGORY CODE ACTION-VERB CODE CAPABILITY TYPE CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE SITUATION IDENTIFIER SITUATION-MATERIEL DESCRIPTION TEXT SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.7.p Instructor aids (e.g., assistance, tutorials).)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
DOCUMENT IDENTIFIER DOCUMENT-TYPE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT TYPE CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE LEARNING-OBJECTIVE-DOCUMENT REASON CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE SKILL IDENTIFIER VISUAL-IMAGE FORMAT CODE VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.4.2.b.7.q Management reports and findings for student evaluation.) ACADEMIC-DOCUMENT ABILITY CODE CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE OBSERVABLE-ACTION-BEHAVIOR-MEASUREMENT TYPE CODE PERFORMANCE-INDICATOR IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE SITUATION IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.8 Degree of fidelity to include:) AUDIO-MEDIA-FORMAT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SENSORY-STIMULUS-CUE FIDELITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SITUATION IDENTIFIER VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.4.2.b.8.a Physical and functional fidelity.) AUDIO-RECORDING FIDELITY RATE MATERIEL-ASSOCIATION IDENTIFIER SENSORY-STIMULUS-CUE FIDELITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE SITUATION IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
VISUAL-IMAGE IDENTIFIER	
(2.4.2.b.8.b Areas of fidelity critical to training.) INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE INSTRUCTIONAL-UNIT-SITUATION REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE MATERIEL-ASSOCIATION IDENTIFIER SENSORY-STIMULUS-CUE FIDELITY CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE SITUATION IDENTIFIER	
(2.4.2.b.9 A description of the interfaces with other stations, training devices, or systems, including communication networks.) AUDIO-MEDIA-FORMAT IDENTIFIER AUDIO-RECORDING IDENTIFIER DATA-PROCESSING-EQUIPMENT TYPE NAME FACILITY-TYPE CODE INFORMATION-ASSET IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL CATEGORY CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT VISUAL-IMAGE IDENTIFIER VISUAL-IMAGE MEDIA TYPE CODE	
(2.4.2.b.10 A list of faults to be modeled.) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SITUATION IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.2.b.11 Other characteristics:) MATERIEL-ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.2.b.11.a Types and number of student stations.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE-MATERIEL QUANTITY SITUATION IDENTIFIER	
(2.4.2.b.11.b Unique types of information to be presented.) DATA-PROCESSING-EQUIPMENT TYPE NAME INFORMATION-ASSET IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.2.b.11.c Cues which can be modified, slowed, accelerated, enhanced, or reduced.) ACADEMIC-DOCUMENT ABILITY CODE FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-SENSORY-STIMULUS-CUE CRITICALITY CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL-SENSORY-STIMULUS-CUE REASON CODE SENSORY-STIMULUS-CUE CONDITION CODE SENSORY-STIMULUS-CUE IDENTIFIER SENSORY-STIMULUS-CUE TYPE CODE SITUATION IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.b.11.d Other information pertinent to the training characteristics.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER	
(2.4.2.c A description of the availability and use to include:) MATERIEL RELIABILITY RATE MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.2.c.1 Design goals for steady state availability such as hours per day and days per week.) FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM-CAPABILITY DURATION ELAPSED-TIME QUANTITY SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.c.2 Design goal for the operating life.) MATERIEL IDENTIFIER MATERIEL-ASSET LIFE QUANTITY MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE	
(2.4.2.c.3 Probability of lesson completion without failure.) CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-TYPE-CONSTRAINT CODE FEATURE-CONSTRAINT CODE INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT ESTIMATED DURATION QUANTITY INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST TYPE CODE SYSTEM-PLATFORM-CONSTRAINT CODE SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.2.c.4 Reliability goal in terms of mean time between failures.) MATERIEL IDENTIFIER MATERIEL RELIABILITY RATE MATERIEL-ASSOCIATION TYPE CODE MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST IDENTIFIER MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST TYPE CODE	
(2.4.2.c.5 Maintainability goals in terms of system mean time to repair and maximum corrective maintenance time.) MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST TYPE CODE	
(2.4.2.c.6 Preventive maintenance goals.) ACTION IDENTIFIER ACTION-EFFECT-ITEM-ESTIMATE CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE	
(2.4.2.d A description of the installation site requirements to include:) FACILITY-ASSOCIATION IDENTIFIER FACILITY-TYPE CODE FACILITY-TYPE MOBILITY CODE FACILITY-TYPE-DOCUMENT DESCRIPTION TEXT INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE QUANTITY MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE RATIONALE TEXT ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-FACILITY-TYPE-ESTABLISHMENT-DETAIL QUANTITY	
(2.4.2.d.1 Location.) FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-FACILITY-TYPE-ESTABLISHMENT IDENTIFIER FACILITY-LOCATION IDENTIFIER FACILITY-TYPE CODE FACILITY-TYPE MOBILITY CODE LOCATION IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION-TYPE-FACILITY-TYPE-ESTABLISHMENT-DETAIL QUANTITY	
(2.4.2.d.2 Existing training system or complex into which the new instructional delivery system is to be integrated.) FACILITY-ASSOCIATION IDENTIFIER FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-TYPE CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE	
(2.4.2.d.3 Mockup or equipment layout, inclusive of Government Furnished	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
Equipment (GFE.) CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ORGANIZATION TYPE CODE MATERIEL-OWNERSHIP CODE ORGANIZATION IDENTIFIER ORGANIZATION-TYPE CATEGORY CODE SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.d.4 Anticipated site installation problems.) FACILITY-ASSOCIATION IDENTIFIER FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.2.d.5 Facilities required (e.g., new building construction, building modifications, power, air conditioning, reinforced flooring).) FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.2.d.6 Lighting requirements.) FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FACILITY-TYPE-REQUIREMENT QUANTITY FUND-REQUIREMENT AMOUNT	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.2.d.7 Unusual requirements for electromagnetic environmental effects.) ANALYSIS-SAMPLE-REQUIREMENT SELECTION CRITERIA TEXT FACILITY-TYPE-FEATURE-HOLDING-ESTIMATE IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FEATURE-TYPE CATEGORY CODE FEATURE-TYPE DESCRIPTION TEXT FEATURE-TYPE IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.2.d.8 Security requirements (e.g., physical, automatic data processing, electromagnetic).) FACILITY-TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.2.d.9 Other unusual environmental conditions (e.g., temperature variations, water, vibration, dust).) FACILITY-TYPE-REQUIREMENT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FACILITY-TYPE-REQUIREMENT QUANTITY FUND-REQUIREMENT AMOUNT FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT DESCRIPTION TEXT LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.2.e Joint Service/Intraservice interoperability:) FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.e.1 Sharable Content Object (SCO) interoperability:) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.e.2 High Level Architecture (HLA) compliance.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.2.e.3 Joint Technical Architecture (JTA) compliance.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.3 PrePlanned Product Improvement (P ³ I). (The P ³ I data should be included only when a difference exists between the functional performance baseline required in the trainer to meet the training need as defined in 2.4.2 above, and that capability which is technically achievable through standard commercial practices within known limitations of funding availability, producibility, or supportability. This information is of use to: (1) influence training device design, (2) identify the resource base needed to implement the required performance enhancements subsequent to training equipment delivery, or (3) to provide the basis for a research initiative to achieve full performance.) The P ³ I plan shall identify required capabilities which will not be delivered with the first article development and shall describe the plan of action to correct the shortfall. This subsection shall provide a summary of P ³ I data to include:) 	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CAPABILITY IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.3.a Training capabilities not provided and rationale.) CAPABILITY IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-SYSTEM-REQUIREMENT TITLE NAME MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.3.b Actions required to eliminate shortfall.) ACTION DESCRIPTION TEXT ACTION IDENTIFIER ACTION-CAPABILITY REASON CODE CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE LOCATION-REQUIREMENT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.3.c Plan for training system upgrade to full capability.) CAPABILITY IDENTIFIER EVENT BEGIN CALENDAR DATE-TIME EVENT DESCRIPTION TEXT EVENT END CALENDAR DATE-TIME EVENT IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.4 <u>Training system support considerations.</u> The support considerations data shall provide a description of the concepts, goals, and constraints which	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
will control design of media, to include: CAPABILITY CONSTRAINT INDICATOR CODE FACILITY-CONSTRAINT IDENTIFIER FACILITY-TYPE-CONSTRAINT IDENTIFIER FEATURE-CONSTRAINT IDENTIFIER FUND-TYPE-CONSTRAINT IDENTIFIER GUIDANCE IDENTIFIER GUIDANCE TEXT INFORMATION-ASSET-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CONSTRAINT IDENTIFIER INSTRUCTIONAL-UNIT-STUDENT-CONSTRAINT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE-CONSTRAINT IDENTIFIER SYSTEM-PLATFORM-CONSTRAINT IDENTIFIER	
(2.4.4.a A description of the support program as follows:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-PROGRAM REASON TEXT PROGRAM IDENTIFIER PROGRAM NAME	
(2.4.4.a.1 Support strategy.) GUIDANCE CATEGORY CODE GUIDANCE FUNCTIONAL TYPE CODE GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TYPE CODE LEARNING-STRATEGY CODE PROGRAM IDENTIFIER PROGRAM NAME REMEDIAL-INSTRUCTIONAL-METHODOLOGY TYPE CODE	
(2.4.4.a.2 Level and type of support analysis anticipated.) EVALUATION IDENTIFIER GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT INSTRUCTIONAL-UNIT-NAME TEXT SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE SCOPE TEXT	
(2.4.4.a.3 Description of any differences in strategy or support considerations between the prototype and production units.) GUIDANCE CATEGORY CODE GUIDANCE FUNCTIONAL TYPE CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GUIDANCE TEXT INFORMATION-ASSET TYPE CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TYPE CODE LEARNING-STRATEGY CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE REMEDIAL-INSTRUCTIONAL-METHODOLOGY TYPE CODE SYSTEM-PLATFORM DESCRIPTION TEXT	
(2.4.4.a.4 Anticipated operational test and evaluation parameters.) EVALUATION DESCRIPTION TEXT EVALUATION IDENTIFIER EVALUATION-GUIDANCE REASON CODE GUIDANCE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-EVALUATION REASON CODE MATERIEL-ITEM IDENTIFIER MATERIEL-ORGANIZATION TYPE CODE ORGANIZATION IDENTIFIER ORGANIZATION-NAME TEXT	
(2.4.4.b A description of the maintenance planning as follows:) GUIDANCE CATEGORY CODE GUIDANCE FUNCTIONAL TYPE CODE GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT GUIDANCE-CITATION TYPE CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL CATEGORY CODE MATERIEL IDENTIFIER SYSTEM-PLATFORM DESCRIPTION TEXT	
(2.4.4.b.1 Maintenance concept.) GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.4.b.2 Anticipated differences in maintenance concept between the prototype and production units.) GUIDANCE IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GUIDANCE SUBJECT TEXT GUIDANCE TEXT MATERIEL-ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM END INDICATOR CODE MATERIEL-ITEM PRODUCTION INDICATOR CODE	
(2.4.4.c A description of the technical data support package as follows:) DATA-PROCESSING-EQUIPMENT TYPE NAME DOCUMENT IDENTIFIER DOCUMENT-DEVELOPMENT-STAGE BEGIN CALENDAR DATE DOCUMENT-DEVELOPMENT-STAGE CODE DOCUMENT-REPRESENTATION-PUBLICATION CALENDAR DATE DOCUMENT-REPRESENTATION-PUBLICATION CODE INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET-DOCUMENT REASON CODE MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN CALENDAR DATE ORGANIZATION-DOCUMENT END CALENDAR DATE PERSON FULL LEGAL NAME PERSON IDENTIFIER PERSON-DOCUMENT ROLE CODE PERSON-NAME CATEGORY CODE SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.4.c.1 Qualification documents for instructors, operators, and maintainers.) DOCUMENT IDENTIFIER DOCUMENT-TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-DOCUMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE IDENTIFIER	
(2.4.4.c.2 Support and technical documentation for instructors, operators, and maintainers.) DOCUMENT-TYPE CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-DOCUMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE	
(2.4.4.d A description of the personnel staffing to include identifying the sources of support personnel (i.e., contractor operation and maintenance, Government civilian, military).)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CERTIFICATION IDENTIFIER CERTIFICATION-TYPE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE CATEGORY CODE ORGANIZATION-TYPE IDENTIFIER PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON-CERTIFICATION-ROLE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE-CERTIFICATION-TYPE ROLE CODE PERSONNEL-RESOURCE-PAY-PLAN-GRADE-STEP REASON CODE	
(2.4.4.e A description of the contractor engineering and technical services as follows:) MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE CATEGORY CODE ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE	
(2.4.4.e.1 Anticipated contractor engineering, technical, and maintenance services required for both prototype development and test and evaluation.) EVALUATION-GUIDANCE REASON CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME GUIDANCE IDENTIFIER HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE ORGANIZATION-TYPE CATEGORY CODE ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.e.2 Contractor engineering and technical services needed for production units following the ready-for-training date.) EVENT BEGIN CALENDAR DATE-TIME EVENT END CALENDAR DATE-TIME EVENT IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FUND-REQUIREMENT TYPE NAME FUND-TYPE-SITUATION REASON CODE HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE CATEGORY CODE ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE SITUATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.f A description of the life cycle support as follows:) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME FUND-TYPE-SITUATION REASON CODE HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SITUATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.f.1 Software support:) DATA-PROCESSING-EQUIPMENT TYPE NAME FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT DESCRIPTION TEXT INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.f.1.a Anticipated level of change.)	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CAPABILITY TYPE CODE DATA-PROCESSING-EQUIPMENT TYPE NAME FACILITY-TYPE-REQUIREMENT IDENTIFIER FACILITY-TYPE-REQUIREMENT RATIONALE TEXT FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET IDENTIFIER INFORMATION-ASSET-REQUIREMENT DESCRIPTION TEXT INFORMATION-ASSET-REQUIREMENT IDENTIFIER LOCATION-REQUIREMENT DESCRIPTION TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION IDENTIFIER ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.4.f.1.b Planned hardware and software support approaches (i.e., Government, contractor, or Government and contractor).) DATA-PROCESSING-EQUIPMENT TYPE NAME INFORMATION-ASSET IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER ORGANIZATION IDENTIFIER ORGANIZATION-TYPE CATEGORY CODE SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.4.f.1.c Planned training system support activity.) INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER MATERIEL-ORGANIZATION BEGIN CALENDAR DATE MATERIEL-ORGANIZATION END CALENDAR DATE ORGANIZATION IDENTIFIER ORGANIZATION-POSTAL-ADDRESS-USAGE CODE ORGANIZATION-TELECOMMUNICATIONS-NETWORK-ELEMENT ADDRESS TEXT ORGANIZATION-TELECOMMUNICATIONS-NETWORK-ELEMENT REASON CODE ORGANIZATION-USPS-POSTAL-ADDRESS DELIVERY LINE TEXT ORGANIZATION-USPS-POSTAL-ADDRESS LAST LINE TEXT ORGANIZATION-USPS-POSTAL-ADDRESS PRIMARY TEXT ORGANIZATION-USPS-POSTAL-ADDRESS SECONDARY TEXT PERSON FULL LEGAL NAME	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERSON IDENTIFIER PERSON-NAME CATEGORY CODE PERSON-ORGANIZATION BEGIN CALENDAR DATE-TIME PERSON-ORGANIZATION END CALENDAR DATE-TIME PERSON-ORGANIZATION PERSON ROLE CODE	
(2.4.4.f.1.d Requirements to establish, operate, and maintain training system support capability.) CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE CAPABILITY TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FACILITY-TYPE-REQUIREMENT RATIONALE TEXT FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT DESCRIPTION TEXT INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT-INSTRUCTOR-CAPABILITY CODE LOCATION-REQUIREMENT DESCRIPTION TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SYSTEM-PLATFORM-CAPABILITY CODE	
(2.4.4.f.2 Supply support:) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER ORGANIZATION-TASK REASON CODE ORGANIZATION-TYPE IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.f.2.a Length of anticipated initial support period.) DIRECT-WARRANTY TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT-NAME TEXT	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.f.2.b Type and level of supply support.) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-SUPPLY-SUPPORT-REQUIREMENT DEGREE CODE MATERIEL-ITEM-SUPPLY-SUPPORT-REQUIREMENT SOURCE CODE SOFTWARE-REQUIREMENT-TYPE NAME	
(2.4.4.f.2.c Unusual parameters in provisioning or technical documentation.) FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER LOCATION-REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-SUPPLY-SUPPORT-REQUIREMENT CATEGORY CODE MATERIEL-ITEM-SUPPLY-SUPPORT-REQUIREMENT DESCRIPTION TEXT	
(2.5 Part 4: <u>Training system modification data.</u> This data shall describe the modification required to an existing training system. The data shall include:) EVENT BEGIN CALENDAR DATE-TIME EVENT END CALENDAR DATE-TIME EVENT IDENTIFIER MATERIEL-ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE	
(2.5.a A description of the training deficiency causing the requirement for the training system modifications.) CAPABILITY IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT-NAME TEXT	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME	
(2.5.b A comparative analysis of modification life cycle costs, training gains, and equipment system life expectancy.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE COST-ALLOCATION-TYPE CODE COST-TYPE CODE EVENT BEGIN CALENDAR DATE-TIME EVENT END CALENDAR DATE-TIME EVENT IDENTIFIER FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM IDENTIFIER SOFTWARE-REQUIREMENT-TYPE NAME SPECIFIC-EVALUATION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE-ASSUMPTION TEXT TASK IDENTIFIER TASK-REQUIREMENT DESCRIPTION TEXT	
(2.5.c Estimates of training resource savings or other gains to include:) COST-ALLOCATION-TYPE CODE COST-TYPE CODE FACILITY-TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL CODE PERSON-MATERIEL-ITEM REASON CODE	
(2.5.c.1 Instructor time.) CERTIFICATION IDENTIFIER CERTIFICATION-TYPE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-PURPOSE-CATEGORY DESCRIPTION TEXT PAY-PLAN CODE PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON IDENTIFIER PERSON-CERTIFICATION-ROLE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE-CERTIFICATION-TYPE ROLE CODE PERSON-TYPE-MATERIEL ESTIMATED DURATION QUANTITY	
(2.5.c.2 Operational equipment training hours.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL DURATION QUANTITY INSTRUCTIONAL-UNIT-MATERIEL REASON CODE INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE	
(2.5.c.3 More effective training resource utilization.) FACILITY-TYPE-REQUIREMENT IDENTIFIER FACILITY-TYPE-REQUIREMENT RATIONALE TEXT FUND-REQUIREMENT IDENTIFIER INFORMATION-ASSET-REQUIREMENT DESCRIPTION TEXT INFORMATION-ASSET-REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LOCATION-REQUIREMENT DESCRIPTION TEXT LOCATION-REQUIREMENT IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CODE MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL CODE MATERIEL-MATERIEL-ITEM-ESTABLISHMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON-TYPE-MATERIEL ESTIMATED DURATION QUANTITY	
(2.5.c.4 Elimination of training problems.) FACILITY-TYPE CODE FACILITY-TYPE-REQUIREMENT IDENTIFIER FUND-REQUIREMENT IDENTIFIER FUND-REQUIREMENT TYPE NAME HARDWARE-REQUIREMENT-TYPE NAME INFORMATION-ASSET-REQUIREMENT IDENTIFIER INFORMATION-SYSTEM-REQUIREMENT TITLE NAME INSTRUCTIONAL-UNIT IDENTIFIER LOCATION-REQUIREMENT IDENTIFIER MAINTENANCE-OPERATION-REQUIREMENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE PERSON-TYPE-INSTRUCTIONAL-UNIT ROLE CODE SOFTWARE-REQUIREMENT-TYPE NAME	
(2.6 <u>Appendices</u> . The appendices shall include the following:) ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT-ASSOCIATION REASON CODE	
(2.6.1 <u>Appendix A</u> . A list of references.) ALIAS NAME DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT NAME DOCUMENT-ASSOCIATION REASON CODE DOCUMENT-DEVELOPMENT-STAGE CODE DOCUMENT-REPRESENTATION-PUBLICATION CODE INSTRUCTIONAL-UNIT-NAME TEXT ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN CALENDAR DATE ORGANIZATION-DOCUMENT END CALENDAR DATE ORGANIZATION-NAME TEXT PERSON FULL LEGAL NAME PERSON IDENTIFIER PERSON-DOCUMENT ROLE CODE PERSON-NAME CATEGORY CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERSON-ORGANIZATION BEGIN CALENDAR DATE-TIME PERSON-ORGANIZATION END CALENDAR DATE-TIME PERSON-ORGANIZATION PERSON ROLE CODE	
(2.6.2 <u>Appendix B.</u> A bibliography.) 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 ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN CALENDAR DATE ORGANIZATION-DOCUMENT END CALENDAR DATE ORGANIZATION-NAME TEXT PERSON FULL LEGAL NAME PERSON IDENTIFIER PERSON-DOCUMENT ROLE CODE PERSON-NAME CATEGORY CODE PERSON-ORGANIZATION BEGIN CALENDAR DATE-TIME PERSON-ORGANIZATION END CALENDAR DATE-TIME PERSON-ORGANIZATION PERSON ROLE CODE	
(2.6.3 <u>Appendix C.</u> Key milestone dates, key decision points, and points of contact.) EVENT BEGIN CALENDAR DATE-TIME EVENT END CALENDAR DATE-TIME EVENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-ITEM TYPE CODE	
(2.6.4 <u>Appendix D.</u> A distribution list.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT ORGANIZATION IDENTIFIER ORGANIZATION-INSTRUCTIONAL-UNIT-ROLE CODE ORGANIZATION-NAME TEXT ORGANIZATION-POSTAL-ADDRESS-USAGE CODE ORGANIZATION-USPS-POSTAL-ADDRESS DELIVERY LINE TEXT ORGANIZATION-USPS-POSTAL-ADDRESS LAST LINE TEXT	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION-USPS-POSTAL-ADDRESS PRIMARY TEXT ORGANIZATION-USPS-POSTAL-ADDRESS SECONDARY TEXT PERSON IDENTIFIER PERSON-ORGANIZATION BEGIN CALENDAR DATE-TIME PERSON-ORGANIZATION END CALENDAR DATE-TIME PERSON-ORGANIZATION PERSON ROLE CODE	
(2.6.5 <u>Appendix E</u> . A list of definitions, acronyms, and specialized terms.) DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER	

4. End of DI-SESS-81519B.