

DATA ITEM DESCRIPTION

TITLE: INSTRUCTIONAL MEDIA REQUIREMENTS DOCUMENT

Number: DI-ALSS-81519A

AMSC Number: N7341

DTIC Applicable: No

Office Of Primary Responsibility: N/AS/PMA205

Applicable Forms: None

Approval Date: 30 July 1999

Limitation:

GIDEP Applicable: No

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-29612A, and is applicable to the acquisition of training data products. Data product performance evaluation criteria are specified in 4.3.3 of MIL-PRF-29612A.
- c. It is not intended that all the requirements contained herein should be applied to every program or program phase. Portions of this DID are subject to deletion tailoring depending upon the program phase in which it is applied in the contract. Any individual data requirement contained in this DID is subject to deletion tailoring.
- d. This DID supersedes DI-ILSS-81519.

Requirements:

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

- a. For paper-based products contractor format is acceptable.
- b. Standard digital data shall comply with the content and format requirements specified in 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-29612A.

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/allocation process, and describes primary and alternate media/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., charts, slides, films, interactive courseware, simulator) capable of providing sensory stimulus for each training task, LO, and learning event.
- 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 (e.g., 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/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.

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:

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- (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 (e.g., 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.
 - (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:

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- (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.
 - (f) Propulsion.
 - (g) Limitations.
- (4) Physical environment to include:
- (a) Gaming area.
 - (b) Ocean conditions.
 - (c) Land mass simulation.
 - (d) Weather.
 - (e) 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 (e.g., 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 (e.g., manual or automated).
 - (c) Event programming.
 - (d) Instructor flags (e.g., identification of events in program).
 - (e) Environment modification.
 - (f) Controller models (e.g., simulated conditions).
 - (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 (e.g., 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.
- (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 interoperability.

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.
- 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, or 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 (e.g., 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:

- 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.

TABLE 1. Standard digital data requirements

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2. Content. The Instructional Media Requirements Document shall contain the following: DOCUMENT IDENTIFIER DOCUMENT NAME (SDE) DOCUMENT NAME TYPE CODE DOCUMENT PURPOSE CODE DOCUMENT TYPE CODE (DEV)	
(2.1 Front matter. The content of front matter shall be in accordance with Appendix A of MIL-PRF-29612A.) DOCUMENT ASSOCIATION REASON CODE (DEV) DOCUMENT CATEGORY CODE DOCUMENT DATE (DEV) DOCUMENT DATE TYPE CODE DOCUMENT IDENTIFIER DOCUMENT NAME (SDE) DOCUMENT NAME TYPE CODE DOCUMENT PURPOSE CODE DOCUMENT PURPOSE TEXT DOCUMENT STANDARD STATEMENT TEXT DOCUMENT STANDARD STATEMENT TYPE CODE DOCUMENT TYPE CODE (DEV) EDUCATIONAL-DISCIPLINE CODE EVALUATION-EVENT REASON CODE EVALUATION-METHODOLOGY IDENTIFIER EVENT IDENTIFIER EVENT RESULT IDENTIFIER EVENT TYPE CODE EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE DOCUMENT REASON CODE GUIDANCE IDENTIFIER GUIDANCE PURPOSE CODE GUIDANCE TEXT GUIDANCE TYPE CODE (DEV) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT DESCRIPTION TEXT	

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DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT-EDUCATIONAL-DISCIPLINE REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT INSTRUCTIONAL-UNIT-SECTION TYPE CODE MATERIEL GUIDANCE REASON CODE MATERIEL-ITEM IDENTIFIER MATERIEL ITEM TYPE CODE (SDE) OCCUPATION-INSTRUCTIONAL-UNIT REASON CODE OCCUPATION NAME OCCUPATIONAL SPECIALTY CODE IDENTIFIER OCCUPATIONAL SPECIALTY CODE TYPE CODE ORGANIZATION-DOCUMENT BEGIN DATE ORGANIZATION-DOCUMENT END DATE ORGANIZATION DOCUMENT ORGANIZATION ROLE CODE ORGANIZATION DOCUMENT REASON CODE ORGANIZATION IDENTIFIER	
DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION-INSTRUCTIONAL-UNIT-ROLE CODE ORGANIZATION-NAME TEXT ORGANIZATION-OCCUPATION REASON CODE ORGANIZATION TYPE CATEGORY CODE (SDE) POSITION DESCRIPTION TEXT POSITION IDENTIFIER POSITION-TASK-TYPE BEGIN DATE POSITION-TASK-TYPE END DATE POSITION-TASK-TYPE REASON CODE RISK GUIDANCE IDENTIFIER RISK IDENTIFIER RISK LEVEL CODE RISK TYPE CODE TASK-DOCUMENT REASON CODE TASK IDENTIFIER	
(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:) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE LEARNING-OBJECTIVE IDENTIFIER MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS PRECEDENCE CODE MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE MEDIA SELECTION METHODOLOGY IDENTIFIER OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER	
(2.2 a. Methodology for identifying the sensory stimulus requirements of the LOs.) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-STATUS CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER	
(2.2 b. Method for identifying the sensory stimulus of the media.) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA FEATURE TYPE CODE MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE MEDIA METHODOLOGY REASON CODE SENSORY-STIMULUS-SELECTION METHOD CODE SENSORY STIMULUS IDENTIFIER	
(2.2 c. Procedure for consideration of LOs presentation sequence in the selection of media.) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE LEARNING OBJECTIVE MEDIA DESCRIPTION TEXT LEARNING OBJECTIVE MEDIA REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-ASSOCIATION REASON CODE LEARNING-OBJECTIVE-MATERIEL-ITEM REASON CODE MEDIA IDENTIFIER	
(2.2 d. The hardware and software specifications if the model is automated.) GUIDANCE-CITATION TYPE CODE GUIDANCE IDENTIFIER GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE TYPE CODE (DEV) INFORMATION-ASSET DEFINITION TEXT INFORMATION ASSET GUIDANCE IDENTIFIER INFORMATION-ASSET IDENTIFIER INFORMATION ASSET METHODOLOGY IDENTIFIER INFORMATION ASSET METHODOLOGY ROLE CODE INFORMATION ASSET TYPE CODE (SDE) INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE	
(2.2 e. Special proprietary license requirements, if any.) GUIDANCE-CITATION SPECIAL ADMINISTRATION TYPE CODE INFORMATION ASSET GUIDANCE IDENTIFIER INFORMATION ASSET IDENTIFIER INFORMATION-ASSET IDENTIFIER INFORMATION ASSET LICENSE DESCRIPTION TEXT INFORMATION ASSET METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE	
(2.2 f. The relationship between media selection and course outline development (i.e.,	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
<p>does media selection follow course outline development; or does course outline development follow media selection).)</p> <p>INSTRUCTIONAL-CLASS-METHOD CODE</p> <p>INSTRUCTIONAL-METHODOLOGY IDENTIFIER</p> <p>INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT</p> <p>INSTRUCTIONAL-METHODOLOGY PURPOSE CODE</p> <p>INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE</p> <p>INSTRUCTIONAL-UNIT IDENTIFIER</p> <p>MEDIA IDENTIFIER</p> <p>MEDIA SELECTION METHODOLOGY IDENTIFIER</p>	
<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>DOCUMENT FORMAT TYPE CODE</p> <p>DOCUMENT IDENTIFIER</p> <p>INSTRUCTIONAL-METHODOLOGY-ASSOCIATION REASON CODE</p> <p>INSTRUCTIONAL-METHODOLOGY IDENTIFIER</p> <p>INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT</p> <p>INSTRUCTIONAL-METHODOLOGY PURPOSE CODE</p> <p>INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE</p> <p>MEDIA IDENTIFIER</p> <p>MEDIA SELECTION METHODOLOGY IDENTIFIER</p>	
<p>(2.2 h. Media selection model.)</p> <p>INSTRUCTIONAL-METHODOLOGY IDENTIFIER</p> <p>INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT</p> <p>INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE</p>	
<p>MEDIA-SELECTION METHOD CODE</p>	
<p>(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/allocation process, and describes primary and alternate media/methods to satisfy each LO.)</p> <p>INSTRUCTIONAL-CLASS-METHOD CODE</p> <p>INSTRUCTIONAL-METHODOLOGY IDENTIFIER</p> <p>INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE</p> <p>LEARNING-OBJECTIVE IDENTIFIER</p> <p>MEDIA FEATURE IDENTIFIER</p> <p>MEDIA FEATURE SENSORY STIMULUS REASON CODE</p> <p>MEDIA IDENTIFIER</p> <p>MEDIA MEDIA FEATURE REASON CODE</p> <p>MEDIA METHODOLOGY REASON CODE</p> <p>MEDIA SELECTION METHODOLOGY IDENTIFIER</p> <p>OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE</p> <p>SENSORY STIMULUS CUE INDICATOR CODE</p> <p>SENSORY STIMULUS IDENTIFIER</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</p> <p>GUIDANCE BACKGROUND TEXT</p> <p>GUIDANCE IDENTIFIER</p> <p>GUIDANCE PURPOSE CODE</p> <p>MATERIEL CATEGORY CODE</p>	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL GUIDANCE REASON CODE MATERIEL IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE SCOPE TEXT SPECIFIC-EVALUATION IDENTIFIER SYSTEM TYPE CODE	
(2.3.1 a. A description of the purpose and function of the operational system.) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL PURPOSE CODE SYSTEM TYPE CODE	
(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 DESCRIPTION TEXT ATTITUDE IDENTIFIER CAPABILITY IDENTIFIER KNOWLEDGE DESCRIPTION TEXT KNOWLEDGE IDENTIFIER MATERIEL CAPABILITY ESTIMATE REASON CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL PURPOSE CODE PSYCHOMOTOR-SKILL DESCRIPTION TEXT PSYCHOMOTOR-SKILL IDENTIFIER PSYCHOMOTOR-SKILL-LEARNING CODE PSYCHOMOTOR-SKILL TYPE CODE SYSTEM TYPE CODE TASK 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 DOCUMENT PURPOSE CODE EVENT ASSOCIATION PRIORITY CODE EVENT ASSOCIATION REASON CODE EVENT IDENTIFIER REQUIREMENT ASSOCIATION TYPE CODE REQUIREMENT EVENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.3.2 <u>Instructional delivery system selection.</u> This data shall include the following:) MATERIEL REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER REQUIREMENT IDENTIFIER	
(2.3.2 a. A description of resources and constraints impacting media selection.) CAPABILITY CONSTRAINT INDICATOR CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE MATERIEL-ASSOCIATION IDENTIFIER METHODOLOGY MATERIEL REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
RESOURCE 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.) INSTRUCTIONAL-ACTIVITY IDENTIFIER LEARNING-EVENT REASON CODE LEARNING-LEVEL IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER SENSORY STIMULUS REALISM DEGREE CODE TASK IDENTIFIER TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(2.3.2 c. Primary and alternate instructional delivery systems (e.g., charts, slides, films, interactive courseware, simulator) capable of providing sensory stimulus for each training task, LO, and learning event.) DOCUMENT TYPE CODE (DEV) INSTRUCTIONAL-ACTIVITY IDENTIFIER LEARNING-EVENT REASON CODE LEARNING-LEVEL IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-MATERIEL-ITEM PRIORITY CODE LEARNING-OBJECTIVE-MATERIEL-ITEM REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MATERIEL ITEM TYPE CODE (SDE) MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA MEDIA FEATURE REASON CODE MEDIA TYPE CATEGORY CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER TASK IDENTIFIER TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(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:) MATERIEL-ASSOCIATION IDENTIFIER MEDIA FEATURE IDENTIFIER MEDIA FEATURE TYPE CODE MATERIEL ITEM MEDIA REASON CODE MEDIA MEDIA FEATURE REASON CODE	
(2.3.2 d(1) Identification of critical features and their relationship to LOs.) LEARNING-OBJECTIVE IDENTIFIER MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS CRITICALITY CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
SENSORY STIMULUS IDENTIFIER	
(2.3.2 d(2) Identification of applicability of features to LOs.) LEARNING-OBJECTIVE IDENTIFIER MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER	
(2.3.2 d(3) Identification of the frequency of application to LOs.) INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS 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-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT-MATERIEL PRECEDENCE CODE LEARNING-EVENT REASON CODE LEARNING-OBJECTIVE-ASSOCIATION REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY 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.) DOCUMENT FORMAT TYPE CODE DOCUMENT IDENTIFIER DOCUMENT NAME (SDE) INSTRUCTIONAL-ACTIVITY IDENTIFIER INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-NAME TEXT LEARNING-EVENT REASON CODE LEARNING-OBJECTIVE-ASSOCIATION REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER	
(2.3.2 g. A chart of the total media resources required.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL UNIT MEDIA DURATION QUANTITY	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL UNIT MEDIA PRECEDENCE CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER	
(2.3.2 h. A description of the life cycle cost analysis (e.g., procurement, development, and implementation as appropriate) and evaluation of the advantages and disadvantages (training effectiveness) of the alternatives.) ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE DESCRIPTION TEXT ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE DESIRABILITY CODE ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE IDENTIFIER ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE PRIORITY CODE COST ANALYSIS IDENTIFIER COST TYPE CODE EVALUATION-METHODOLOGY PURPOSE CODE MEDIA COST IDENTIFIER MEDIA IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER	
(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/methods.) ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE IDENTIFIER ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE PRIORITY CODE ANALYSIS-METHOD TYPE CODE EVALUATION-METHODOLOGY DESCRIPTION TEXT INSTRUCTIONAL-CLASS-METHOD CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT INSTRUCTIONAL UNIT MEDIA REASON CODE (NDE) LOCATION IDENTIFIER MATERIEL CATEGORY CODE (SDE) MATERIEL-DOCUMENT-MEDIA-TYPE CODE MATERIEL IDENTIFIER MATERIEL-ORGANIZATION TYPE CODE MEDIA IDENTIFIER ORGANIZATION IDENTIFIER ORGANIZATION-LOCATION ASSOCIATION CODE QUALITATIVE-DIMENSION DESCRIPTION TEXT SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE-RESULT-EFFECT CODE SPECIFIC-EVALUATION IDENTIFIER TECHNICAL SUBJECT AREA ANALYSIS IDENTIFIER TECHNICAL SUBJECT AREA DESCRIPTION TEXT TECHNICAL-SUBJECT-AREA NAME	
(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	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
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.) ANALYSIS-METHOD TYPE CODE EVALUATION-METHODOLOGY PURPOSE CODE INSTRUCTIONAL-CLASS-METHOD CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL UNIT MEDIA REASON CODE (NDE) LEARNING-LEVEL IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE LEARNING-STRATEGY IDENTIFIER MEDIA IDENTIFIER PSYCHOMOTOR-SKILL IDENTIFIER PSYCHOMOTOR-SKILL-LEARNING CODE SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER(DEV)	
(2.3.2 k. A description of the instructional features required for each LO.) LEARNING-OBJECTIVE IDENTIFIER MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE	
(2.3.3 Recommendations. The recommendations data shall contain:)	
(2.3.3 a. Justification for the selected media.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL REASON CODE INSTRUCTIONAL UNIT MEDIA REASON CODE (NDE) MEDIA IDENTIFIER	
(2.3.3 b. A recommendation for the media features (hardware and software) which includes the rationale for each feature based on LOs.) LEARNING-OBJECTIVE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA FEATURE TYPE CODE MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS IDENTIFIER	
(2.3.3 c. A recommendation identifying the best suited instructional delivery system.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ASSOCIATION QUALITY CODE MATERIEL ITEM MEDIA REASON CODE MEDIA FEATURE IDENTIFIER MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE	
(2.3.3 d. A summary of the following:)	
(2.3.3 d(1) Instructional delivery system capability needed.) CAPABILITY IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
CAPABILITY REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER	
(2.3.3 d(2) Purpose of the instructional delivery system.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL PURPOSE CODE	
(2.3.3 d(3) Proposed location(s).) FACILITY IDENTIFIER 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-FACILITY IDENTIFIER ORGANIZATION-FACILITY-REASON CODE ORGANIZATION IDENTIFIER	
(2.3.3 d(4) Program milestone schedule.) EVENT END DATE EVENT IDENTIFIER EVENT START DATE EVENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM PROGRAM REASON CODE PROGRAM EVENT IDENTIFIER PROGRAM IDENTIFIER PROGRAM TYPE CODE	
(2.3.3 d(5) Alternative training solutions considered.) ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE IDENTIFIER ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE PRIORITY CODE INSTRUCTIONAL-UNIT IDENTIFIER MATERIEL DOCUMENT MEDIA TYPE DESIRABILITY CODE MEDIA IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.3.3 d(6) Cost effectiveness analysis.) ANALYSIS ALTERNATIVE MATERIEL DOCUMENT MEDIA TYPE IDENTIFIER COST ANALYSIS IDENTIFIER COST TYPE CODE EVALUATION-METHODOLOGY PURPOSE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL UNIT MEDIA PRECEDENCE CODE MATERIEL DOCUMENT MEDIA TYPE DESIRABILITY CODE MATERIEL DOCUMENT MEDIA TYPE DESIRABILITY TEXT MEDIA COST IDENTIFIER MEDIA IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.3.3 d(7) Adverse impact if instructional delivery system is not provided.) INSTRUCTIONAL CLASS MEETING MATERIEL Description Text	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT Identifier REQUIREMENT Identifier SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.4 Part 3: Instructional delivery system functional characteristics data. The data shall describe the instructional delivery system functional characteristics as follows:) FUNCTIONAL-ACTIVITY IDENTIFIER FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL PURPOSE Code	
(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:) ANALYSIS-SAMPLE-REQUIREMENT SELECTION CRITERIA TEXT DOCUMENT TYPE CODE (DEV) EVALUATION-METHODOLOGY PURPOSE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER MEDIA TYPE CATEGORY CODE REQUIREMENT IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.4.1 a. A description of any assumptions which affected the instructional delivery system requirements.) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE MATERIEL REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER REQUIREMENT IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE-ASSUMPTION IDENTIFIER SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE-ASSUMPTION TEXT	
(2.4.1 b. A summary of requirements from source documents (e.g., training concept document, training plan).) DOCUMENT IDENTIFIER DOCUMENT PURPOSE CODE GUIDANCE TYPE CODE (DEV) INSTRUCTIONAL-ACTIVITY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-REQUIREMENT REASON CODE REQUIREMENT IDENTIFIER (2.4.1 c. A summary of the process used to conduct the instructional delivery system requirements analysis.) ANALYSIS-SAMPLE-REQUIREMENT-SELECTION CRITERIA TEXT INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER	
(2.4.1 d. A description of performance goals (expected achievement levels).) INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE MOBILIZATION-CONDITION CODE PERFORMANCE-STANDARD DESCRIPTION TEXT PERFORMANCE-STANDARD IDENTIFIER TASK IDENTIFIER TASK LEARNING OBJECTIVE REASON CODE TASK MOBILIZATION CONDITION CODE	
(2.4.1 e. A list of knowledge, skills, and attitudes to be trained.) ATTITUDE DESCRIPTION TEXT ATTITUDE IDENTIFIER KNOWLEDGE IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING TYPE CATEGORY CODE LEARNING TYPE IDENTIFIER PSYCHOMOTOR-SKILL IDENTIFIER TASK IDENTIFIER TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(2.4.1 f. A list of LOs.) INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE	
(2.4.1 g. A description of training strategies, methods, and techniques.) GUIDANCE TYPE CODE (DEV) INSTRUCTIONAL-ACTIVITY IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER LEARNING STRATEGY GUIDANCE REASON CODE LEARNING-STRATEGY IDENTIFIER LEARNING-STRATEGY TYPE CODE INSTRUCTIONAL-METHODOLOGY-GUIDANCE REASON CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT	
(2.4.1 h. A description of the trainee population as follows:) INSTRUCTIONAL-UNIT IDENTIFIER PERSON TYPE INSTRUCTIONAL UNIT ROLE CODE PERSON-TYPE IDENTIFIER	
(2.4.1 h(1) Initial, peak, and steady state quantity of trainees per session.) INSTRUCTIONAL-CLASS DURATION QUANTITY INSTRUCTIONAL-CLASS-ENROLLMENT-CONDITION CALENDAR DATE INSTRUCTIONAL-CLASS-ENROLLMENT-CONDITION STUDENT QUANTITY INSTRUCTIONAL-CLASS-ENROLLMENT-CONDITION-TYPE CODE INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-UNIT IDENTIFIER MOBILIZATION-CONDITION CODE MOBILIZATION-STATUS CODE OCCUPATIONAL SPECIALTY CODE IDENTIFIER OCCUPATIONAL SPECIALTY CODE TYPE CODE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE INSTRUCTIONAL UNIT ROLE CODE PERSON TYPE PAY PLAN GRADE CODE PERSONNEL-RESOURCE TYPE CODE PERSONNEL SKILL IDENTIFIER PERSONNEL-SKILL OCCUPATIONAL GROUP CODE PERSONNEL SKILL PROFICIENCY CODE PSYCHOMOTOR-SKILL IDENTIFIER SKILL IDENTIFIER	
(2.4.1 h(2) Initial, peak, and steady state quantity of sessions per year.) FACILITY IDENTIFIER INSTRUCTIONAL-CLASS DURATION QUANTITY INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-INSTRUCTIONAL-UNIT ROLE CODE INSTRUCTIONAL-UNIT-FACILITY BEGIN CALENDAR DATE INSTRUCTIONAL-UNIT-FACILITY END CALENDAR DATE INSTRUCTIONAL-UNIT-FACILITY-TYPE ESTIMATED DURATION QUANTITY INSTRUCTIONAL-UNIT IDENTIFIER MOBILIZATION-CONDITION CODE MOBILIZATION-STATUS CODE	
(2.4.1 h(3) Sources of trainees.) INSTRUCTIONAL-UNIT IDENTIFIER ORGANIZATION TYPE CATEGORY CODE (SDE) ORGANIZATION-TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE INSTRUCTIONAL UNIT ROLE CODE PERSON TYPE ORGANIZATION TYPE REASON CODE	
(2.4.1 h(4) Military grade and occupation.) INSTRUCTIONAL-UNIT IDENTIFIER OCCUPATION IDENTIFIER PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE INSTRUCTIONAL UNIT ROLE CODE PERSON TYPE OCCUPATION REASON CODE PERSON TYPE PAY PLAN GRADE CODE PERSONNEL-RESOURCE TYPE CODE	
(2.4.1 h(5) Training cycle.) INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-UNIT CAREER LEVEL CODE	
(2.4.1 h(6) Prerequisites.) CERTIFICATION TYPE CODE INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-REQUIREMENT REASON CODE PERSON TYPE CERTIFICATION TYPE ROLE CODE PERSON-TYPE IDENTIFIER PERSON TYPE INSTRUCTIONAL UNIT ROLE CODE QUALIFICATION TYPE IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.1 h(7) Qualifications (e.g., entry level knowledge and skills).) ATTITUDE DESCRIPTION TEXT ATTITUDE IDENTIFIER KNOWLEDGE IDENTIFIER LEARNING-OBJECTIVE IDENTIFIER PERSON-TYPE IDENTIFIER PSYCHOMOTOR-SKILL IDENTIFIER PSYCHOMOTOR-SKILL-LEARNING CODE TASK IDENTIFIER TASK-PERSON-TYPE ROLE CODE	
(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 PERSON-TYPE IDENTIFIER	
(2.4.1 i(1) Types and numbers required.) INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-PERSON-TYPE QUANTITY INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE PERSON-TYPE IDENTIFIER 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 OCCUPATIONAL SPECIALTY CODE IDENTIFIER OCCUPATIONAL SPECIALTY CODE TYPE CODE PERSON-TYPE IDENTIFIER PERSONNEL RESOURCE TYPE CODE (SDE) PERSONNEL-SKILL OCCUPATIONAL GROUP CODE PERSONNEL SKILL YEARS OF EXPERIENCE PERSONNEL-RESOURCE TYPE 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 PERSON-TYPE IDENTIFIER	
(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 QUANTITY INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE INSTRUCTIONAL-UNIT IDENTIFIER LEARNING-EVENT 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 LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE PERSON-TYPE IDENTIFIER	
(2.4.1 i(5) Anticipated operational requirements.) FACILITY TYPE SITUATION REASON CODE FUND TYPE SITUATION REASON CODE INSTRUCTIONAL-CLASS IDENTIFIER INSTRUCTIONAL-CLASS-PERSON-TYPE ROLE CODE PERSON-TYPE IDENTIFIER PERSON TYPE SITUATION REASON CODE REQUIREMENT DESCRIPTION TEXT REQUIREMENT IDENTIFIER SITUATION ENVIRONMENT CODE SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE	
(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-UNIT-DATE CALENDAR DATE INSTRUCTIONAL-UNIT-DATE CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.1 j(2) Type of instruction (e.g., individualized, team, subteam).) LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE LEARNING-STRATEGY IDENTIFIER LEARNING-STRATEGY TYPE 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 DATE INSTRUCTIONAL-CLASS-MEETING-MATERIEL BEGIN TIME INSTRUCTIONAL-CLASS-MEETING-MATERIEL END DATE INSTRUCTIONAL-CLASS-MEETING-MATERIEL END 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 SITUATION NAME TEXT SITUATION TYPE CODE (SDE)	
(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 DATE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-CLASS-MEETING-MATERIEL BEGIN TIME INSTRUCTIONAL-CLASS-MEETING-MATERIEL END DATE INSTRUCTIONAL-CLASS-MEETING-MATERIEL END TIME INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE MATERIEL-ASSOCIATION IDENTIFIER	
(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:) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY IDENTIFIER	
(2.4.2 a. A description of the constraints to include:) CAPABILITY IDENTIFIER CAPABILITY CONSTRAINT INDICATOR CODE	
(2.4.2 a(1) Operational baseline constraints imposed by the configuration of the operational equipment.) CAPABILITY IDENTIFIER CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY TYPE CODE INSTRUCTIONAL-CLASS-METHOD CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL CONSTRAINT IDENTIFIER MATERIEL CONSTRAINT REASON CODE MATERIEL IDENTIFIER MATERIEL ITEM CONFIGURATION STATUS CODE MATERIEL PURPOSE CODE METHODOLOGY MATERIEL REASON CODE SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE SITUATION TYPE CODE (SDE)	
(2.4.2 a(2) Physical constraints to include: technological, fiscal, personnel, hazards, environmental, and security.) CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CONSTRAINT IDENTIFIER	
(2.4.2 a(3) Assumptions to include: platform or equipment characteristics, targets, physical environment, and exercise scenarios.) CAPABILITY CONSTRAINT INDICATOR CODE FEATURE-FEATURE-TYPE-ESTABLISHMENT IDENTIFIER FEATURE TYPE CONSTRAINT IDENTIFIER FEATURE-TYPE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CONSTRAINT IDENTIFIER MATERIEL CONSTRAINT REASON CODE MATERIEL IDENTIFIER MATERIEL ITEM TARGET TYPE IDENTIFIER SITUATION CONSTRAINT REASON CODE	

TABLE 1. Standard digital data requirements - Continued

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

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL DESCRIPTION TEXT MATERIEL IDENTIFIER MATERIEL PURPOSE CODE SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE SITUATION TASK REASON CODE TASK COLLECTIVITY CODE TASK IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (2)(a) Weapon system(s) or equipment.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL PURPOSE CODE TASK COLLECTIVITY CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (2)(b) Sensor systems (e.g., sonar, radar, periscope).) MATERIEL CATEGORY CODE MATERIEL DESCRIPTION TEXT MATERIEL IDENTIFIER SENSOR 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 MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL DESCRIPTION TEXT MATERIEL IDENTIFIER 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-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL FEATURE CODE MATERIEL IDENTIFIER MATERIEL PERFORMANCE ESTIMATED SPEED QUANTITY ORGANIZATION TYPE CAPABILITY ESTIMATE IDENTIFIER ORGANIZATION-TYPE ECHELON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION-TYPE IDENTIFIER ORGANIZATION TYPE TASK ROLE CODE SENSOR FREQUENCY BANDWIDTH QUANTITY SENSOR REFRESH RATE SENSOR TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (2)(e) Countermeasures.) ACTION IDENTIFIER ACTION VERB CODE (SDE) CAPABILITY TYPE CODE MATERIEL-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE MATERIEL ACTION EFFECT ESTIMATE IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-CAPABILITY-ESTIMATE DATE MATERIEL CAPABILITY TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER ORGANIZATION-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE ORGANIZATION ACTION EFFECT ESTIMATE IDENTIFIER ORGANIZATION-TYPE IDENTIFIER ORGANIZATION TYPE TASK ROLE CODE SENSOR TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (2)(f) Propulsion systems.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL ITEM CHARACTERISTIC TYPE CODE (SDE) MATERIEL-ITEM TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (2)(g) Hull, mechanical, electrical, and etc.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL ITEM CHARACTERISTIC TYPE CODE (SDE) MATERIEL-ITEM TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (2)(h) Limitations.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE CAPABILITY CONSTRAINT INDICATOR CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL CONSTRAINT IDENTIFIER MATERIEL CONSTRAINT REASON CODE MATERIEL IDENTIFIER	
(2.4.2 b (3) Target performance characteristics to include: CAPABILITY IDENTIFIER CAPABILITY TYPE CODE FEATURE FRIEND FOE CODE FUNCTIONAL-ACTIVITY IDENTIFIER FUNCTIONAL-ACTIVITY MISSION TEXT MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL DESCRIPTION TEXT MATERIEL IDENTIFIER MATERIEL PURPOSE CODE SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE SITUATION TASK REASON CODE TASK COLLECTIVITY CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (3)(a) Number of targets.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE (SDE) MATERIEL DESCRIPTION TEXT MATERIEL IDENTIFIER MATERIEL ITEM CHARACTERISTIC TYPE CODE (SDE) MATERIEL PURPOSE CODE MATERIEL-ITEM TYPE CODE SENSOR TYPE CODE SITUATION IDENTIFIER SITUATION MATERIEL MATERIEL QUANTITY SITUATION MATERIEL REASON 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-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL FEATURE CODE MATERIEL IDENTIFIER MATERIEL PERFORMANCE ESTIMATED SPEED QUANTITY	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION TYPE CAPABILITY ESTIMATE IDENTIFIER ORGANIZATION-TYPE ECHELON CODE ORGANIZATION-TYPE IDENTIFIER ORGANIZATION TYPE TASK ROLE CODE SENSOR FREQUENCY BANDWIDTH QUANTITY SENSOR REFRESH RATE SENSOR TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (3)(c) Weapons.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL PURPOSE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (3)(d) Sensors.) MATERIEL CATEGORY CODE MATERIEL DESCRIPTION TEXT MATERIEL IDENTIFIER SENSOR TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (3)(e) Countermeasures.) ACTION IDENTIFIER ACTION VERB CODE (SDE) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL ACTION EFFECT ESTIMATE IDENTIFIER MATERIEL-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE MATERIEL-ASSOCIATION TYPE CODE MATERIEL-CAPABILITY-ESTIMATE DATE MATERIEL CAPABILITY TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER ORGANIZATION ACTION EFFECT ESTIMATE IDENTIFIER ORGANIZATION-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE ORGANIZATION TYPE TASK ROLE CODE ORGANIZATION-TYPE IDENTIFIER SENSOR TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (3)(f) Propulsion.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL ITEM CHARACTERISTIC TYPE CODE (SDE)	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ITEM TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (3)(g) Limitations.) MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL IDENTIFIER MATERIEL ITEM CHARACTERISTIC TYPE CODE (SDE) MATERIEL-ITEM TYPE CODE TASK IDENTIFIER TASK-TYPE IDENTIFIER TASK-TYPE-MATERIEL REASON CODE	
(2.4.2 b (4) Physical environment to include:) FEATURE-TYPE IDENTIFIER SITUATION FEATURE IDENTIFIER SITUATION FEATURE REASON CODE SITUATION IDENTIFIER SITUATION TASK REASON CODE TASK IDENTIFIER	
(2.4.2 b (4)(a) Gaming area.) FACILITY IDENTIFIER FACILITY-CATEGORY DESCRIPTION TEXT FACILITY-LOCATION ASSOCIATION CODE FACILITY-LOCATION IDENTIFIER FACILITY-LOCATION SEQUENCE IDENTIFIER FEATURE FRIEND FOE CODE FEATURE-LOCATION ASSOCIATION CODE FEATURE-TYPE-CAPABILITY-NORM MEASUREMENT UNIT QUANTITY FEATURE-TYPE IDENTIFIER GEOLOCATION LATITUDE COORDINATE GEOLOCATION LONGITUDE COORDINATE LOCATION IDENTIFIER MEASURED-ELEVATION-POINT ELEVATION DIMENSION OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS IDENTIFIER SITUATION FEATURE IDENTIFIER SITUATION FEATURE REASON CODE SITUATION FEATURE TYPE SIMULATION CODE SITUATION IDENTIFIER SITUATION TASK REASON CODE SITUATION TYPE CODE (SDE) TASK FACILITY REASON CODE TASK IDENTIFIER	
(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 HORIZONTAL ACCURACY DIMENSION	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
GEOPHYSICAL-DATA-REQUIREMENT-DETAIL NORTH LATITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL SOUTH LATITUDE COORDINATE GEOPHYSICAL-DATA-REQUIREMENT-DETAIL VERTICAL ACCURACY DIMENSION GEOPHYSICAL-DATA-REQUIREMENT-DETAIL WEST LONGITUDE COORDINATE GEOSPATIAL-FEATURE-REPRESENTATION TYPE CODE LOCATION IDENTIFIER SITUATION IDENTIFIER SITUATION LOCATION REASON CODE	
(2.4.2 b (4)(c) Land mass simulation.) FEATURE CATEGORY CODE FEATURE-LOCATION ASSOCIATION CODE GEOLOCATION LATITUDE COORDINATE GEOLOCATION LONGITUDE COORDINATE GEOSPATIAL-FEATURE-REPRESENTATION TYPE CODE LOCATION IDENTIFIER MEASURED-ELEVATION-POINT ELEVATION DIMENSION SITUATION FEATURE IDENTIFIER SITUATION FEATURE REASON CODE SITUATION HORIZONTAL SCALE RESOLUTION QUANTITY SITUATION HORIZONTAL SCALE TYPE CODE SITUATION IDENTIFIER SITUATION TYPE CODE (SDE) SITUATION VERTICAL SCALE RESOLUTION QUANTITY SITUATION VERTICAL SCALE TYPE CODE	
(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 HORIZONTAL ACCURACY DIMENSION 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 VERTICAL ACCURACY DIMENSION GEOPHYSICAL-DATA-REQUIREMENT-DETAIL WEST LONGITUDE COORDINATE LOCATION IDENTIFIER SITUATION FEATURE IDENTIFIER SITUATION FEATURE REASON CODE SITUATION IDENTIFIER	
(2.4.2 b (4)(e) Limitations.) CAPABILITY CONSTRAINT INDICATOR CODE FEATURE CATEGORY CODE FEATURE CONSTRAINT IDENTIFIER FEATURE IDENTIFIER GEOSPATIAL-FEATURE-REPRESENTATION TYPE CODE SITUATION CONSTRAINT REASON CODE SITUATION EXPLANATION TEXT SITUATION FEATURE IDENTIFIER SITUATION FEATURE REASON CODE SITUATION IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2 b (5) Training modes of operation to include:) CAPABILITY VARIANCE MODE CODE CAPABILITY VARIANCE MODE IDENTIFIER DATA-PROCESSING-SYSTEM CONFIGURATION IDENTIFIER INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE INSTRUCTIONAL-ACTIVITY-MATERIEL-ITEM COVERAGE CODE INSTRUCTIONAL-ACTIVITY-MATERIEL-ITEM PRIMACY CODE INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE INSTRUCTIONAL-METHODOLOGY SCENARIO CONDITION CODE INSTRUCTIONAL-METHODOLOGY TECHNIQUE CODE MATERIEL-ITEM IDENTIFIER PERSON-TYPE-MATERIEL-ITEM ROLE CODE SITUATION IDENTIFIER SITUATION TASK REASON CODE TASK IDENTIFIER TASK MODE REASON CODE TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(2.4.2 b (5)(a) Basic modes (e.g., individual).) INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE TASK COLLECTIVITY CODE TASK IDENTIFIER TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(2.4.2 b (5)(b) Joint modes (e.g., team, subteam).) INSTRUCTIONAL-ACTIVITY COLLECTIVITY CODE INSTRUCTIONAL-ACTIVITY TEXT INSTRUCTIONAL-ACTIVITY PARTICIPANT QUANTITY TASK IDENTIFIER TASK PURPOSE CODE TASK-TYPE CATEGORY CODE	
(2.4.2 b (5)(c) Alternate or degraded modes of operation.) CAPABILITY IDENTIFIER INSTRUCTIONAL-ACTIVITY-MATERIEL-ITEM PRIMACY CODE INSTRUCTIONAL-METHODOLOGY OPERATIONAL CONDITION CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL CAPABILITY IDENTIFIER MATERIEL ITEM TYPE CODE (SDE) SITUATION IDENTIFIER SITUATION TASK REASON CODE SYSTEM TYPE CODE SYSTEM-PROGRAM NAME TASK IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2 b (5)(d) Acceptable tolerances of degradation in training equipment before training is aborted.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE CAPABILITY CONSTRAINT INDICATOR CODE MATERIEL-ASSOCIATION IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL CAPABILITY IDENTIFIER TASK IDENTIFIER TASK-MATERIEL REASON CODE TASK PURPOSE 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 SITUATION PERFORMANCE CONDITION REASON CODE SITUATION TASK REASON CODE TASK DESCRIPTION TEXT TASK IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2 b (5)(f) Abnormal 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 SITUATION PERFORMANCE CONDITION REASON CODE SITUATION TASK REASON CODE TASK DESCRIPTION TEXT TASK IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2 b (6) Instructor/operator station characteristics to include:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE	
(2.4.2 b (6)(a) Specific behavioral objectives to be trained with the equipment.) LEARNING-OBJECTIVE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER OBSERVABLE-ACTION-BEHAVIOR DESCRIPTION TEXT OBSERVABLE-ACTION-BEHAVIOR IDENTIFIER OBSERVABLE-ACTION-BEHAVIOR TYPE CODE PERSON-BEHAVIOR DESCRIPTION TEXT PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE TASK DESCRIPTION TEXT TASK IDENTIFIER TASK-MATERIEL REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2 b (6)(b) Training concept.) GUIDANCE TYPE CODE (DEV) 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 MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL CAPABILITY QUANTITY MATERIEL CAPABILITY TYPE CODE MATERIEL IDENTIFIER MATERIEL-PERSON TYPE CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS IDENTIFIER SENSORY STIMULUS REALISM DEGREE CODE	
(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 SITUATION PERFORMANCE CONDITION REASON CODE SITUATION TASK REASON CODE TASK DESCRIPTION TEXT TASK IDENTIFIER TASK-MATERIEL REASON CODE	
(2.4.2 b (6)(e) Trainer facility configuration including interfaces between trainer subsystems.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE FACILITY ASSOCIATION IDENTIFIER (SDE) FACILITY ASSOCIATION REASON CODE (DEV) FACILITY CAPABILITY IDENTIFIER FACILITY CAPABILITY REASON CODE FACILITY IDENTIFIER FACILITY-MATERIEL TYPE CODE INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET METHODOLOGY ROLE CODE INFORMATION-SYSTEM INTERFACE TRANSACTION PREDOMINANT METHOD CODE MATERIEL ASSOCIATION INTERFACE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE	
(2.4.2 b (6)(f) Manning (e.g., qualitative and quantitative characteristics of instructors and	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
operators.) MATERIEL-ASSOCIATION IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE QUANTITY PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSONNEL SKILL IDENTIFIER PSYCHOMOTOR-SKILL IDENTIFIER PSYCHOMOTOR-SKILL LEARNING CODE SKILL IDENTIFIER	
(2.4.2 b (6)(g) Training of instructors and operators.) DOCUMENT IDENTIFIER DOCUMENT PURPOSE CODE DOCUMENT TYPE CODE (DEV) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT TYPE CODE MATERIEL IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-DOCUMENT IDENTIFIER MEDIA TYPE CATEGORY CODE PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PSYCHOMOTOR-SKILL LEARNING CODE PSYCHOMOTOR-SKILL IDENTIFIER SKILL IDENTIFIER TASK IDENTIFIER TASK-PERSON-TYPE ROLE CODE (2.4.2 b (6)(h) Test and evaluation of the instructor operator station.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL ITEM PERFORMANCE MEASUREMENT REASON CODE PERFORMANCE-INDICATOR IDENTIFIER PERFORMANCE INDICATOR MEASUREMENT QUANTITY PERFORMANCE INDICATOR MEASUREMENT TYPE CODE PERFORMANCE INDICATOR SCALE CODE PERFORMANCE-STANDARD CRITERION TEXT	
(2.4.2 b (6)(i) Documentation.) DOCUMENT IDENTIFIER DOCUMENT MEDIA CODE DOCUMENT PURPOSE CODE DOCUMENT TYPE CODE (DEV) INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MEDIA TYPE CATEGORY CODE	
(2.4.2 b (7) Instructor/operator station features to include:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL FEATURE CATEGORY CODE MATERIEL FEATURE CODE MATERIEL FEATURE FEATURE AUTOMATION CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-FEATURE TYPE CODE MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE	
(2.4.2 b (7)(a) Exercise initiation.) KNOWLEDGE IDENTIFIER KNOWLEDGE LEARNING CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL FEATURE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER PERFORMANCE-CONDITION IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE KNOWLEDGE TYPE REASON CODE PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSONNEL SKILL PROFICIENCY CODE PSYCHOMOTOR-SKILL IDENTIFIER PSYCHOMOTOR-SKILL LEARNING CODE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE SITUATION PERFORMANCE CONDITION REASON CODE SKILL IDENTIFIER (2.4.2 b (7)(b) Control of training problems (e.g., manual or automated).) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL FEATURE CODE MATERIEL FEATURE FEATURE AUTOMATION CODE MATERIEL-FEATURE IDENTIFIER MATERIEL FEATURE REASON CODE MATERIEL IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL PERFORMANCE CONDITION REASON CODE MATERIEL SITUATION REASON CODE PERFORMANCE-CONDITION IDENTIFIER SITUATION ASSOCIATION REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SITUATION PERFORMANCE CONDITION REASON CODE SITUATION TYPE CODE (SDE)	
(2.4.2 b (7)(c) Event programming.) LEARNING-EVENT REASON CODE LEARNING-OBJECTIVE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL FEATURE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL FEATURE REASON CODE MATERIEL IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL PERFORMANCE CONDITION REASON CODE MATERIEL SITUATION REASON CODE PERFORMANCE-CONDITION IDENTIFIER SITUATION-ASSOCIATION REASON CODE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER SITUATION PERFORMANCE CONDITION REASON CODE TASK IDENTIFIER (2.4.2 b (7)(d) Instructor flags (e.g., identification of events in program).) GUIDANCE IDENTIFIER GUIDANCE-STATUS CATEGORY CODE GUIDANCE-STATUS DATE GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT INSTRUCTIONAL-ACTIVITY IDENTIFIER LEARNER-ACTIVITY IDENTIFIER LEARNER-ACTIVITY TYPE CODE LEARNING-EVENT REASON CODE LEARNING-OBJECTIVE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL FEATURE REASON CODE MATERIEL IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL PERFORMANCE CONDITION REASON CODE OBSERVABLE-ACTION-BEHAVIOR IDENTIFIER OBSERVABLE ACTION BEHAVIOR PERFORMANCE IDENTIFIER PERFORMANCE-ACHIEVEMENT ACTUAL QUANTITY PERFORMANCE-CONDITION IDENTIFIER PERFORMANCE-INDICATOR IDENTIFIER PERFORMANCE INDICATOR MEASUREMENT GUIDANCE REASON CODE PERFORMANCE INDICATOR MEASUREMENT TYPE CODE SITUATION-GUIDANCE REASON CODE SITUATION IDENTIFIER SITUATION PERFORMANCE CONDITION REASON CODE SITUATION TYPE CODE (SDE)	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
SITUATION TASK REASON CODE TASK IDENTIFIER	
(2.4.2 b (7)(e) Environment modification.) FEATURE CATEGORY CODE FEATURE IDENTIFIER GEOPHYSICAL-DATA-REQUIREMENT DATA TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL FEATURE CODE MATERIEL FEATURE REASON CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL PERFORMANCE CONDITION REASON CODE SITUATION FEATURE IDENTIFIER SITUATION FEATURE REASON CODE SITUATION IDENTIFIER SITUATION PERFORMANCE CONDITION REASON CODE	
(2.4.2 b (7)(f) Controller models (e.g., simulated conditions).) INFORMATION ASSET FEATURE IDENTIFIER INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER SITUATION TYPE CODE (SDE)	
(2.4.2 b (7)(g) Intelligent adversary models.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE INFORMATION ASSET FEATURE IDENTIFIER INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CATEGORY CODE MATERIEL CATEGORY CODE (SDE) MATERIEL-FEATURE IDENTIFIER MATERIEL FRIEND FOE CODE MATERIEL IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL MOBILITY TYPE CODE MATERIEL PURPOSE CODE ORGANIZATION FRIEND FOE THREAT INDICATOR ORGANIZATION TYPE CAPABILITY ESTIMATE IDENTIFIER ORGANIZATION-TYPE IDENTIFIER SITUATION MATERIEL REASON CODE SITUATION TYPE CODE (SDE)	
(2.4.2 b (7)(h) Malfunction selection, insertion, and cancellation.) ACTION-ASSOCIATION TYPE CODE ACTION IDENTIFIER CAPABILITY CONSTRAINT INDICATOR CODE CAPABILITY IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL CONSTRAINT IDENTIFIER MATERIEL CONSTRAINT REASON CODE MATERIEL FEATURE FEATURE AUTOMATION CODE MATERIEL-FEATURE IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL SITUATION REASON CODE ORGANIZATION TYPE CONSTRAINT IDENTIFIER ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE SITUATION ACTION ACTION ROLE CODE SITUATION ACTION ASSOCIATION IDENTIFIER SITUATION CONSTRAINT REASON CODE SITUATION IDENTIFIER SITUATION NORMALITY CODE	
(2.4.2 b (7)(i) Performance measurement diagnosis, and recording capability.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL ITEM PERFORMANCE MEASUREMENT REASON CODE PERFORMANCE-INDICATOR DESCRIPTION TEXT PERFORMANCE-INDICATOR IDENTIFIER PERFORMANCE INDICATOR MEASUREMENT TYPE CODE PERFORMANCE INDICATOR SCALE CODE PERFORMANCE-STANDARD IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSON TYPE PERFORMANCE REASON CODE REMEDIAL-INSTRUCTIONAL-METHODOLOGY TYPE CODE TASK IDENTIFIER TASK-MATERIEL REASON CODE TASK-PERSON-TYPE ROLE CODE	
(2.4.2 b (7)(j) Scenario or exercise playback capability.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL FEATURE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL IDENTIFIER MATERIEL ITEM PERFORMANCE MEASUREMENT REASON CODE MATERIEL SITUATION REASON CODE PERFORMANCE-INDICATOR IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERFORMANCE INDICATOR MEASUREMENT TYPE CODE SITUATION IDENTIFIER SITUATION TASK REASON CODE SITUATION TYPE CODE TASK IDENTIFIER TASK PERFORMANCE REASON CODE	
(2.4.2 b (7)(k) Pause and resume.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL FEATURE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL IDENTIFIER MATERIEL SITUATION REASON CODE SITUATION IDENTIFIER SITUATION TYPE CODE (SDE)	
(2.4.2 b (7)(l) Reinitialization and restart of frozen simulation program.) CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL IDENTIFIER MATERIEL SITUATION REASON CODE SITUATION IDENTIFIER SITUATION TYPE CODE (2.4.2 b (7)(m) Hard copy output for debriefing.) CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY TYPE CODE MATERIEL IDENTIFIER	
(2.4.2 b (7)(n) Communications (e.g., cued, recorded, or selective).) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY TYPE CODE MATERIEL IDENTIFIER	
(2.4.2 b (7)(o) Crash or grounding control.) ACTION IDENTIFIER ACTION VERB CODE (SDE) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE MATERIEL ACTION EFFECT ESTIMATE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY TYPE CODE MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE MATERIEL SITUATION DESCRIPTION TEXT MATERIEL SITUATION REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
SITUATION ACTION ACTION ROLE CODE SITUATION ACTION ASSOCIATION IDENTIFIER SITUATION IDENTIFIER	
(2.4.2 b (7)(p) Instructor aids (e.g., assistance, tutorials).) DOCUMENT IDENTIFIER DOCUMENT MEDIA CODE DOCUMENT TYPE CODE (DEV) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT TYPE CODE LEARNING-OBJECTIVE-DOCUMENT REASON CODE LEARNING-STRATEGY IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MEDIA TYPE CATEGORY CODE	
(2.4.2 b (7)(q) Management reports and findings for student evaluation.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL IDENTIFIER MATERIEL SITUATION REASON CODE PERFORMANCE INDICATOR MEASUREMENT TYPE CODE PERFORMANCE-INDICATOR IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSON TYPE PERFORMANCE REASON CODE SITUATION IDENTIFIER SITUATION TASK REASON CODE SITUATION TYPE CODE (SDE) TASK IDENTIFIER (2.4.2 b (8) Degree of fidelity to include:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MEDIA FEATURE IDENTIFIER MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA IDENTIFIER MEDIA MEDIA FEATURE REASON CODE SENSORY STIMULUS IDENTIFIER SENSORY STIMULUS SENSE FIDELITY QUALITY CODE SITUATION IDENTIFIER SITUATION SENSORY STIMULUS REASON CODE SITUATION TYPE CODE (SDE)	
(2.4.2 b (8)(a) Physical and functional fidelity.) AUDIO QUALITY FIDELITY IDENTIFIER AUDIO QUALITY FIDELITY RATE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM MEDIA REASON CODE MEDIA FEATURE SENSORY STIMULUS REASON CODE MEDIA MEDIA FEATURE REASON CODE SENSORY STIMULUS IDENTIFIER SENSORY STIMULUS SENSE FIDELITY IDENTIFIER SENSORY STIMULUS SENSE FIDELITY QUALITY CODE SENSORY STIMULUS SENSE FIDELITY TYPE CODE SITUATION IDENTIFIER SITUATION SENSORY STIMULUS REASON CODE SITUATION TYPE CODE (SDE)	
(2.4.2 b (8)(b) Areas of fidelity critical to training.) INSTRUCTIONAL-UNIT-SITUATION REASON CODE LEARNING-OBJECTIVE IDENTIFIER LEARNING-OBJECTIVE-LEARNING-STRATEGY CATEGORY CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL SITUATION REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS FIDELITY REQUIREMENT CODE SENSORY STIMULUS IDENTIFIER SENSORY STIMULUS SENSE FIDELITY QUALITY CODE SENSORY STIMULUS SENSE FIDELITY TYPE CODE SITUATION IDENTIFIER	
(2.4.2 b (9) A description of the interfaces with other stations, training devices, or systems, including communication networks.) COMMUNICATION SYSTEM IDENTIFIER COMMUNICATION SYSTEM TYPE CODE FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET MEDIA REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL ITEM TYPE CODE (SDE)	
(2.4.2 b (10) A list of faults to be modeled.) CAPABILITY CONSTRAINT INDICATOR CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL SITUATION REASON CODE SITUATION CONSTRAINT REASON CODE SITUATION IDENTIFIER SITUATION TYPE CODE (SDE)	
(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.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL MATERIEL QUANTITY PERSON TYPE MATERIEL PERSON TYPE ROLE CODE SITUATION IDENTIFIER SITUATION TASK REASON CODE TASK IDENTIFIER TASK-PERSON-TYPE ROLE CODE	
(2.4.2 b (11)(b) Unique types of information to be presented.) INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER	
(2.4.2 b (11)(c) Cues which can be modified, slowed, accelerated, enhanced, or reduced.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE LEARNING-OBJECTIVE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL SENSORY STIMULUS REASON CODE MATERIEL SITUATION REASON CODE OBSERVABLE-ACTION-BEHAVIOR-SENSORY-STIMULUS REASON CODE SENSORY STIMULUS CUE INDICATOR CODE SENSORY STIMULUS CUE MODIFICATION TYPE CODE SENSORY STIMULUS IDENTIFIER SITUATION IDENTIFIER SITUATION TASK REASON CODE TASK IDENTIFIER	
(2.4.2 b (11)(d) Other information pertinent to the training characteristics.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL FEATURE CODE MATERIEL-FEATURE IDENTIFIER MATERIEL-ITEM-CHARACTERISTIC IDENTIFIER MATERIEL ITEM CHARACTERISTIC TYPE CODE (SDE)	
(2.4.2 c. A description of the availability and use to include:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM AVAILABILITY RATE MATERIEL MAINTAINABILITY RATE MATERIEL RELIABILITY RATE	
(2.4.2 c(1) Design goals for steady state availability such as hours per day and days per week.) CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL ITEM AVAILABILITY RATE MATERIEL ITEM CAPABILITY DURATION	
(2.4.2 c(2) Design goal for the operating life.)	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSET LIFE QUANTITY MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER	
(2.4.2 c(3) Probability of lesson completion without failure.) CAPABILITY CONSTRAINT INDICATOR CODE INFORMATION ASSET CONSTRAINT IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION-ASSET IDENTIFIER INSTRUCTIONAL-UNIT ESTIMATED DURATION QUANTITY INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-MATERIEL-ITEM REASON CODE INSTRUCTIONAL-UNIT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL ITEM AVAILABILITY RATE MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY MATERIEL MAINTENANCE REQUIREMENT FORECAST TYPE CODE	
(2.4.2 c(4) Reliability goal in terms of mean time between failures.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL RELIABILITY RATE 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-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL MAINTAINABILITY RATE MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST IDENTIFIER MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY MATERIEL MAINTENANCE REQUIREMENT FORECAST TYPE CODE	
(2.4.2 c(6) Preventive maintenance goals.) ACTION DESCRIPTION TEXT ACTION IDENTIFIER ACTION VERB CODE (SDE) MATERIEL-ACTION-EFFECT-ESTIMATE EFFECT DESCRIPTION CODE MATERIEL ACTION EFFECT ESTIMATE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER	
(2.4.2 d. A description of the installation site requirements to include:) DOCUMENT IDENTIFIER DOCUMENT PURPOSE CODE FACILITY-ASSOCIATION IDENTIFIER FACILITY-TYPE CODE FACILITY TYPE DOCUMENT IDENTIFIER FACILITY TYPE IDENTIFIER (DEV)	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FACILITY TYPE MATERIEL REASON CODE FACILITY TYPE MOBILITY CODE FACILITY-TYPE-ORGANIZATION-TYPE-ESTABLISHMENT-DETAIL QUANTITY 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	
(2.4.2 d(1) Location.) CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY-FACILITY-TYPE-ESTABLISHMENT IDENTIFIER FACILITY-LOCATION IDENTIFIER FACILITY TYPE CAPABILITY REASON CODE FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE FACILITY TYPE MOBILITY CODE FACILITY-TYPE-ORGANIZATION-TYPE-ESTABLISHMENT-DETAIL QUANTITY LOCATION IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-TYPE IDENTIFIER	
(2.4.2 d(2) Existing training system or complex into which the new instructional delivery system is to be integrated.) CAPABILITY IDENTIFIER FACILITY-ASSOCIATION IDENTIFIER FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY TYPE CAPABILITY REASON CODE FACILITY-TYPE CODE FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER	
(2.4.2 d(3) Mockup or equipment layout, inclusive of Government Furnished Equipment (GFE).) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ORGANIZATION TYPE CODE MATERIEL-OWNERSHIP CODE ORGANIZATION IDENTIFIER ORGANIZATION-TYPE CATEGORY CODE	
(2.4.2 d(4) Anticipated site installation problems.) CAPABILITY IDENTIFIER FACILITY-ASSOCIATION IDENTIFIER FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY TYPE CAPABILITY REASON CODE FACILITY-TYPE CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER	
(2.4.2 d(5) Facilities required (e.g., new building construction, building modifications, power, air conditioning, reinforced flooring).) CAPABILITY IDENTIFIER FACILITY-CAPABILITY-ESTIMATE IDENTIFIER FACILITY TYPE CAPABILITY REASON CODE FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.4.2 d(6) Lighting requirements.) CAPABILITY IDENTIFIER FACILITY TYPE CAPABILITY REASON CODE FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE FACILITY-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT QUANTITY REQUIREMENT TYPE CODE	
(2.4.2 d(7) Unusual requirements for electromagnetic environmental effects.) ANALYSIS REQUIREMENT REASON CODE FEATURE TYPE DESCRIPTION TEXT FACILITY-TYPE-FEATURE-HOLDING-ESTIMATE IDENTIFIER FEATURE-TYPE IDENTIFIER FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.4.2 d(8) Security requirements (e.g., physical, automatic data processing, electromagnetic).) FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE MATERIEL REASON CODE FACILITY TYPE REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.4.2 d(9) Other unusual environmental conditions (e.g., temperature variations, water, vibration, dust).) LOCATION REQUIREMENT REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
REQUIREMENT IDENTIFIER REQUIREMENT QUANTITY REQUIREMENT TYPE CODE	
(2.4.2 e. Joint Service interoperability.) CAPABILITY IDENTIFIER CAPABILITY TYPE 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:) CAPABILITY IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY BEGIN DATE MATERIEL CAPABILITY IDENTIFIER	
(2.4.3 a. Training capabilities not provided and rationale.) CAPABILITY IDENTIFIER CAPABILITY REQUIREMENT CAPABILITY ACHIEVEMENT CODE CAPABILITY REQUIREMENT CAPABILITY ACHIEVEMENT REASON CODE CAPABILITY REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.4.3 b. Actions required to eliminate shortfall.) ACTION CAPABILITY ACTION ROLE CODE ACTION CAPABILITY IDENTIFIER ACTION DESCRIPTION TEXT ACTION IDENTIFIER CAPABILITY IDENTIFIER CAPABILITY REQUIREMENT CAPABILITY ACHIEVEMENT CODE CAPABILITY REQUIREMENT IDENTIFIER CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY IDENTIFIER REQUIREMENT IDENTIFIER	
(2.4.3 c. Plan for training system upgrade to full capability.) CAPABILITY EVENT IDENTIFIER CAPABILITY IDENTIFIER CAPABILITY TYPE CODE EVENT ASSOCIATION REASON CODE EVENT DESCRIPTION TEXT EVENT END DATE EVENT IDENTIFIER EVENT START DATE MATERIEL-ASSOCIATION IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-CAPABILITY-ESTIMATE IDENTIFIER MATERIEL CAPABILITY IDENTIFIER MATERIEL CATEGORY CODE MATERIEL IDENTIFIER	
(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:) CAPABILITY CONSTRAINT INDICATOR CODE GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE TEXT GUIDANCE TYPE CODE (DEV) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CONSTRAINT IDENTIFIER MATERIEL ITEM GUIDANCE IDENTIFIER (2.4.4 a. A description of the support program as follows:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM PROGRAM REASON CODE PROGRAM IDENTIFIER PROGRAM TYPE CODE	
(2.4.4 a(1) Support strategy.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE PURPOSE CODE GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE TYPE CODE (DEV) MATERIEL GUIDANCE REASON CODE PROGRAM IDENTIFIER PROGRAM TYPE CODE STRATEGY GUIDANCE TYPE CODE	
(2.4.4 a(2) Level and type of support analysis anticipated.) ANALYSIS-METHOD TYPE CODE EVALUATION-METHODOLOGY IDENTIFIER EVALUATION-METHODOLOGY PURPOSE CODE GUIDANCE IDENTIFIER GUIDANCE PURPOSE CODE 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 TEXT GUIDANCE TYPE CODE (DEV) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CATEGORY CODE MATERIEL GUIDANCE REASON CODE MATERIEL IDENTIFIER STRATEGY GUIDANCE TYPE CODE SYSTEM IDENTIFIER SYSTEM TYPE CODE	
(2.4.4 a(4) Anticipated operational test and evaluation parameters.)	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
EVALUATION DESCRIPTION TEXT EVALUATION-GUIDANCE REASON CODE EVALUATION IDENTIFIER EVALUATION TYPE CODE GUIDANCE IDENTIFIER GUIDANCE PARAMETER IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL EVALUATION REASON CODE MATERIEL GUIDANCE 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-CITATION TYPE CODE GUIDANCE IDENTIFIER GUIDANCE PURPOSE CODE GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE TYPE CODE (DEV) MATERIEL CATEGORY CODE MATERIEL IDENTIFIER SYSTEM TYPE CODE	
(2.4.4 b(1) Maintenance concept.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE PURPOSE CODE GUIDANCE SYNOPSIS TEXT GUIDANCE TEXT GUIDANCE TYPE CODE (DEV) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL ITEM GUIDANCE IDENTIFIER	
(2.4.4 b(2) Anticipated differences in maintenance concept between the prototype and production units.) END ITEM PRODUCTION STATUS CODE GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE PURPOSE CODE GUIDANCE TEXT GUIDANCE TYPE CODE (DEV) MATERIEL ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL END ITEM IDENTIFIER MATERIEL ITEM GUIDANCE IDENTIFIER	
(2.4.4 c. A description of the technical data support package as follows:) DOCUMENT DATE (DEV) DOCUMENT DATE TYPE CODE DOCUMENT IDENTIFIER INFORMATION ASSET DOCUMENT REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN DATE ORGANIZATION-DOCUMENT END DATE ORGANIZATION DOCUMENT ORGANIZATION ROLE CODE ORGANIZATION DOCUMENT REASON CODE ORGANIZATION IDENTIFIER PERSON DOCUMENT PERSON ROLE CODE PERSON IDENTIFIER PERSON-NAME CATEGORY CODE PERSON-NAME TEXT	
(2.4.4 c(1) Qualification documents for instructors, operators, and maintainers.) DOCUMENT IDENTIFIER DOCUMENT TYPE CODE (DEV) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-DOCUMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON TYPE DOCUMENT IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE	
(2.4.4 c(2) Support and technical documentation for instructors, operators, and maintainers.) DOCUMENT IDENTIFIER DOCUMENT TYPE CODE (DEV) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-DOCUMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE	
(2.4.4 d. A description of the personnel staffing to include identifying the sources of support personnel (e.g., contractor operation and maintenance, Government civilian, or military).) CERTIFICATION IDENTIFIER CERTIFICATION-TYPE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION TYPE CATEGORY CODE (SDE) ORGANIZATION-TYPE IDENTIFIER PAY-PLAN-GRADE ORDINAL IDENTIFIER PERSON-CERTIFICATION-ROLE CODE PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON TYPE CERTIFICATION TYPE ROLE CODE PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSON TYPE ORGANIZATION TYPE REASON CODE PERSONNEL-RESOURCE-PAY-PLAN-GRADE-STEP REASON CODE	
(2.4.4 e. A description of the contractor engineering and technical services as follows:)	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION IDENTIFIER ORGANIZATION TYPE CATEGORY CODE (SDE) ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSON TYPE ORGANIZATION TYPE 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 EVALUATION IDENTIFIER GUIDANCE IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE ORGANIZATION TYPE CATEGORY CODE (SDE) ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE REQUIREMENT GUIDANCE REASON CODE REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.4.4 e(2) Contractor engineering and technical services needed for production units following the ready-for-training date.) EVENT END DATE EVENT IDENTIFIER EVENT START DATE EVENT TYPE CODE FACILITY TYPE SITUATION REASON CODE FUND TYPE SITUATION REASON CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL EVENT IDENTIFIER MATERIEL SITUATION REASON CODE ORGANIZATION TYPE CATEGORY CODE (SDE) ORGANIZATION-TYPE IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSON TYPE ORGANIZATION TYPE REASON CODE PERSON TYPE SITUATION REASON CODE REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE SITUATION ENVIRONMENT CODE SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE	
(2.4.4 f. A description of the life cycle support as follows:) FACILITY TYPE SITUATION REASON CODE FUND TYPE SITUATION REASON CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER PERSON TYPE SITUATION REASON CODE REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE SITUATION ENVIRONMENT CODE SITUATION IDENTIFIER SITUATION MATERIEL REASON CODE	
(2.4.4 f(1) Software support.) INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET REQUIREMENT REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.4.4 f(1)(a) Anticipated level of change.) CAPABILITY IDENTIFIER CAPABILITY TYPE CODE INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET ORGANIZATION REASON CODE INFORMATION ASSET REQUIREMENT REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL SITUATION REASON CODE ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER ORGANIZATION IDENTIFIER REQUIREMENT DESCRIPTION TEXT REQUIREMENT IDENTIFIER SITUATION BEGIN DATE SITUATION END DATE SITUATION EXPLANATION TEXT SITUATION IDENTIFIER	
(2.4.4 f(1)(b) Planned hardware and software support approaches (e.g., Government, contractor, or Government and contractor).) INFORMATION-ASSET IDENTIFIER INFORMATION ASSET MATERIEL TYPE REASON CODE INFORMATION ASSET TYPE CODE (SDE) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER MATERIEL-ORGANIZATION TYPE CODE ORGANIZATION IDENTIFIER ORGANIZATION TYPE CATEGORY CODE (SDE)	
(2.4.4 f(1)(c) Planned training system support activity.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER MATERIEL ORGANIZATION BEGIN DATE MATERIEL ORGANIZATION END DATE MATERIEL-ORGANIZATION TYPE CODE ORGANIZATION IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION-POSTAL-ADDRESS-USAGE CODE ORGANIZATION TELECOMMUNICATIONS NETWORK ELEMENT ADDRESS TEXT ORGANIZATION TELECOMMUNICATIONS NETWORK ELEMENT TYPE CODE 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 IDENTIFIER PERSON-NAME CATEGORY CODE PERSON-NAME TEXT PERSON-ORGANIZATION BEGIN DATE PERSON-ORGANIZATION END DATE PERSON-ORGANIZATION PERSON ROLE CODE	
(2.4.4 f(1)(d) Requirements to establish, operate, and maintain training system support capability.) CAPABILITY IDENTIFIER CAPABILITY REQUIREMENT REASON CODE CAPABILITY TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY IDENTIFIER REQUIREMENT DESCRIPTION TEXT REQUIREMENT IDENTIFIER	
(2.4.4 f(2) Supply support:) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER MATERIEL-ORGANIZATION TYPE CODE MATERIEL REQUIREMENT IDENTIFIER ORGANIZATION-TASK REASON CODE ORGANIZATION-TYPE IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE SUPPORT REQUIREMENT TYPE CODE	
(2.4.4 f(2)(a) Length of anticipated initial support period.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT BEGIN DATE MATERIEL REQUIREMENT END DATE MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE REQUIREMENT TYPE TIME PERIOD CODE	
(2.4.4 f(2)(b) Type and level of supply support.) MATERIEL-ASSOCIATION IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE SUPPORT REQUIREMENT TYPE CODE SUPPLY SUPPORT REQUIREMENT LEVEL CODE SUPPLY SUPPORT REQUIREMENT SOURCE CODE	
(2.4.4 f(2)(c) Unusual parameters in provisioning or technical documentation.) MATERIEL-ASSOCIATION IDENTIFIER	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER SUPPORT REQUIREMENT TYPE CODE SUPPLY SUPPORT REQUIREMENT CATEGORY CODE SUPPLY SUPPORT REQUIREMENT TYPE CODE	
(2.5 Part 4: Training system modification data. This data shall describe the modification required to an existing training system. The data shall include:) EVENT END DATE EVENT IDENTIFIER EVENT START DATE EVENT TYPE CODE MATERIEL ASSOCIATION DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL EVENT IDENTIFIER	
(2.5 a. A description of the training deficiency causing the requirement for the training system modifications.) CAPABILITY IDENTIFIER CAPABILITY REQUIREMENT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL CAPABILITY IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.5 b. A comparative analysis of modification life cycle costs, training gains, and equipment system life expectancy.) ANALYSIS-METHOD TYPE CODE CAPABILITY IDENTIFIER CAPABILITY TYPE CODE COST TYPE CODE EVALUATION-METHODOLOGY DESCRIPTION TEXT EVENT END DATE EVENT IDENTIFIER EVENT START DATE EVENT TYPE CODE INSTRUCTIONAL-METHODOLOGY IDENTIFIER INSTRUCTIONAL-METHODOLOGY PROCEDURE DESCRIPTION TEXT MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL CAPABILITY IDENTIFIER MATERIEL COST TYPE IDENTIFIER MATERIEL COST TYPE QUANTITY MATERIEL EVENT IDENTIFIER REQUIREMENT EVENT IDENTIFIER REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE SPECIFIC-EVALUATION-ANALYSIS-ALTERNATIVE IDENTIFIER SPECIFIC-EVALUATION IDENTIFIER TASK IDENTIFIER TASK-REQUIREMENT DESCRIPTION TEXT	
(2.5 c. Estimates of training resource savings or other gains to include:)	

TABLE 1. Standard digital data requirements - Continued

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

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
MATERIEL-ASSOCIATION TYPE CODE MATERIEL IDENTIFIER MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL CODE MATERIEL-MATERIEL-ITEM-ESTABLISHMENT IDENTIFIER MATERIEL REQUIREMENT IDENTIFIER PERSON-MATERIEL-ITEM REASON CODE PERSON PERSON TYPE IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE MATERIEL ESTIMATED DURATION QUANTITY PERSON TYPE MATERIEL PERSON TYPE ROLE CODE PERSON TYPE REQUIREMENT REASON CODE REQUIREMENT DESCRIPTION TEXT REQUIREMENT IDENTIFIER	
(2.5 c(4) Elimination of training problems.) FACILITY TYPE IDENTIFIER (DEV) FACILITY TYPE REQUIREMENT IDENTIFIER INSTRUCTIONAL-UNIT-FACILITY-TYPE REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL REQUIREMENT IDENTIFIER PERSON-TYPE IDENTIFIER PERSON TYPE INSTRUCTIONAL UNIT ROLE CODE PERSON TYPE REQUIREMENT REASON CODE REQUIREMENT IDENTIFIER REQUIREMENT TYPE CODE	
(2.6 <u>Appendices</u> . The appendices shall include the following:) DOCUMENT ASSOCIATION REASON CODE (DEV) DOCUMENT CATEGORY CODE DOCUMENT IDENTIFIER DOCUMENT NAME TYPE CODE DOCUMENT PURPOSE CODE	
(2.6.1 <u>Appendix A</u> . A list of references.) DOCUMENT ASSOCIATION REASON CODE (DEV) DOCUMENT CATEGORY CODE DOCUMENT DATE (DEV) DOCUMENT DATE TYPE CODE DOCUMENT IDENTIFIER DOCUMENT NAME (SDE) DOCUMENT NAME TYPE CODE DOCUMENT PURPOSE CODE ORGANIZATION-DOCUMENT BEGIN DATE ORGANIZATION-DOCUMENT END DATE ORGANIZATION DOCUMENT ORGANIZATION ROLE CODE ORGANIZATION DOCUMENT REASON CODE ORGANIZATION IDENTIFIER ORGANIZATION-NAME TEXT PERSON DOCUMENT PERSON ROLE CODE PERSON IDENTIFIER PERSON-NAME CATEGORY CODE	

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERSON-NAME TEXT PERSON-ORGANIZATION BEGIN DATE PERSON-ORGANIZATION END DATE PERSON-ORGANIZATION PERSON ROLE CODE	
(2.6.2 Appendix B. A bibliography.) DOCUMENT ASSOCIATION REASON CODE (DEV) DOCUMENT CATEGORY CODE DOCUMENT DATE (DEV) DOCUMENT DATE TYPE CODE DOCUMENT IDENTIFIER DOCUMENT NAME (SDE) DOCUMENT NAME TYPE CODE DOCUMENT PURPOSE CODE ORGANIZATION-DOCUMENT BEGIN DATE ORGANIZATION-DOCUMENT END DATE ORGANIZATION DOCUMENT ORGANIZATION ROLE CODE ORGANIZATION DOCUMENT REASON CODE ORGANIZATION IDENTIFIER ORGANIZATION-NAME TEXT PERSON DOCUMENT PERSON ROLE CODE PERSON IDENTIFIER PERSON-NAME CATEGORY CODE PERSON-NAME TEXT PERSON-ORGANIZATION BEGIN DATE PERSON-ORGANIZATION END DATE PERSON-ORGANIZATION PERSON ROLE CODE	
(2.6.3 Appendix C. Key milestone dates, key decision points, and points of contact.) EVENT END DATE EVENT IDENTIFIER EVENT START DATE EVENT TYPE CODE MATERIEL-ASSOCIATION IDENTIFIER MATERIEL-ASSOCIATION TYPE CODE MATERIEL EVENT IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE	
(2.6.4 Appendix D. A distribution list.) DOCUMENT IDENTIFIER INSTRUCTIONAL-UNIT-DOCUMENT REASON CODE INSTRUCTIONAL-UNIT IDENTIFIER 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 ORGANIZATION-USPS-POSTAL-ADDRESS PRIMARY TEXT ORGANIZATION-USPS-POSTAL-ADDRESS SECONDARY TEXT PERSON IDENTIFIER PERSON-ORGANIZATION BEGIN DATE PERSON-ORGANIZATION END DATE	

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TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERSON-ORGANIZATION PERSON ROLE CODE	
(2.6.5 Appendix E. A list of definitions, acronyms, and specialized terms.)	
DOCUMENT CATEGORY CODE	
DOCUMENT IDENTIFIER	

4. End of DI-ALSS-81519A.