

**Army Regulation 700-129
OPNAVINST 4105.2A
AFR 800-43
MCO 4110.2**

Logistics

**Management and
Execution of
Integrated Logistics
Support (ILS)
Program for
Multiservice
Acquisitions**

**Departments of the Army,
the Navy, and the Air Force
Washington, DC
23 September 1988**

SUMMARY OF CHANGE

AR 700-129/OPNAVINST 4105.2A/
AFR 800-43/MCO 4110.2
Management and Execution of
Integrated Logistics Support
(ILS) Program for Multiservice
Acquisitions

This revision--

- * Consolidates Service policy for the execution of multiservice ILS acquisition and management (throughout).
- * Covers all materiel systems and equipment, not just electronics (para 1-5).
- * Revises and updates multiservice ILS policy (throughout).
- * Expands ILS program management actions (throughout).
- * Greatly expands and revises the format and content of the Joint ILS Plan (app B).

Headquarters
Departments of the Army, the Navy,
and the Air Force
Washington, DC
23 September 1988

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*OPNAVINST 4105.2A
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Management and Execution of Integrated Logistic Support (ILS) for Multiservice Acquisition

This UPDATE printing publishes a new revision that is effective 21 October 1988. Because the structure of the entire revised text has been reorganized, no attempt has been made to highlight changes from the earlier regulation dated 11 January 1980.

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Summary. This regulation was developed under the auspices of the Joint Logistic Commanders, Joint Policy Coordination Group (JLC-JPCG-ILS) for Multiservice ILS Acquisition. It implements DODD 5000.39 and applicable portions of the acquisition improvement program (DODD 5000.1 and DODI 5000.2) as directed by the Deputy Secretary of Defense. It establishes policy and assigns responsibility for the management and execution of an integrated logistic support program on multiservice acquisitions. The regulation is intended to be used with and supplement MIL-STD-1369 when that standard is approved for use. MIL-STD-1369 and this regulation will supersede the Standard Integrated Support Management System.

Applicability. This publication applies to all Department of Defense Services, agencies, and activities involved in a multiservice acquisition, either as the executive or participating Service.

Impact on New Manning System. This regulation does not

contain information that affects the New Manning System.

Internal control system. This regulation is not subject to the requirements of AR 11-2. It does not contain internal control provisions.

Supplementation. Commands may supplement this regulation according to applicable Service directives. An information copy should be provided to the CG, U.S. Army Materiel Command, Materiel Readiness Support Activity, ATTN: AMXMD-EI, Lexington, KY 40511-5101.

Interim changes. Interim changes to this regulation are not official unless they are authenticated by the Administrative Assistant to the Secretary of the Army. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

Suggested improvements. The proponent agency of this regulation is the Office of the Deputy Chief of Staff for Logistics, Department of the Army. Send recommended changes to the CG, U.S. Army Materiel Command, Materiel Readiness Support Activity, ATTN: AMXMD-

EI, Lexington, KY 40511-5101, with an information copy to the appropriate Service headquarters: HQDA (DALO-SMS), WASH DC 20310-0547; Chief of Naval Operations, OP-401, WASH DC 20350; and HQ USAF/LEYM, WASH DC 20330-5130.

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*This regulation supersedes AR 700-129/OPNAVINST 4105.2/AFR 400-46, 11 January 1980; appendix C of AR 700-101/NAVMATINST 4120.100/MCO 11310.81/DLAR 41207, 1 October 1980; and chapters 2 and 3 of DARCOM R 700-97/AFLC/AFSCR 800-24/NAVMATINST 4000.38A/MCO P4110.1B, 27 May 1977.

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Chapter 1

Introduction

1-1. Purpose

This regulation prescribes policies and assigns responsibilities for the management and execution of an integrated logistic support (ILS) program for multiservice acquisitions.

1-2. Precedence

The ILS regulations of the involved Services will be complied with unless an impasse occurs between Service-unique ILS policy and procedures. The order of precedence will be DODD 5000.39, this regulation, and the executive Service ILS regulation. The executive Service will make every effort

to accommodate the unique ILS requirements of participating Services. All involved Services will standardize ILS requirements and data products as much as possible.

1-3. References

Related publications are listed in appendix A.

1-4. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the glossary.

1-5. System application

a. The provisions of this regulation will be applied to all multiservice programs (major and nonmajor) beginning at program initiation.

b. This regulation does not apply to items procured with nonappropriated funds, real property installed equipment, or other equipment that does not require national level (wholesale) materiel management or logistic support.

c. Policy and tasks herein will apply throughout the acquisition process as required by DODD 5000.39 and as outlined in tasks 1 and 2 of MIL-STD-1369.

1-6. ILS program objectives

The overall objective of an ILS program is to field supportable systems and equipment in the planned operational environments that meet established system and equipment requirements and system readiness requirements at an affordable life cycle cost. This overall objective is broken down into the following subobjectives:

a. Influence operational requirements, acquisition strategy, and system design to achieve and sustain established objectives while minimizing support costs.

b. Ensure that all elements of support are planned, programmed, budgeted, developed, tested, evaluated, procured, and deployed concurrently with systems and equipment.

c. Ensure proper coordination with the ultimate users of the systems and equipment, resulting in an effective handoff (transition) to the user, and maximizing system and equipment readiness.

d. Provide procedures to integrate and acquire the logistic elements effectively.

e. Improve logistic interoperability and standardization within DOD and allied nations.

f. Improve system and equipment affordability through the competitive bidding process, acquire technical data packages (TDPs) and reproducible packages, and require contractors to identify the actual hardware manufacturer (true vendor).

g. Ensure--

(1) The identification of all Service-unique requirements; that is, maintenance concepts or plans, logistic support analysis (LSA), logistic support analysis documentation (LSAD), logistic support analysis record (LSAR) requirements, supply support and provisioning, deployment, and so forth, and

(2) The incorporation of the requirements into the Joint Integrated Logistic Support Plan (JILSP) and Joint Memorandum of Agreement (JMOA).

1-7. Administration

The mechanism through which this regulation operates the ILS program is an extension of the existing Service ILS policies and practices, DODD 5000.39, and program guidance materials listed under appendix A. The Army will be administratively responsible for the preparation of all revisions to this regulation. It is intended that this multiservice ILS regulation be kept dynamic. Changes dictated by need for improvement or deficiencies identified during implementation and application should be documented and forwarded to the office of primary responsibility (OPR) for each Service.

Chapter 2

Responsibilities

2-1. Executive Service

a. The head of the executive Service will--

(1) Develop and implement an acquisition strategy for the system and equipment in conjunction with the participating Services.

(2) Prior to establishing the acquisition strategy, designate an ILS manager to execute the ILS program, and support the program manager in all matters related to the ILS program. The ILS manager will--

(a) Ensure that each participating Service designates an ILS focal point to serve on and support the ILS program.

(b) Prepare an ILS portion of the program Joint Memorandum of Agreement in conjunction with participating Services.

(c) Coordinate with and include participating Services in all major ILS program decisions, actions, and planning efforts.

(d) Ensure that procedures for determining the source of funding for participating Service-unique ILS requirements are included in the ILS part of the JMOA, along with all other appropriate resources, requirements, and objectives.

(e) Ensure planning, solicitation, and contractual documents include ILS program requirements. In conjunction with participating Services, identify work unique Service requirements, maintenance and support concepts, and data requirements for contractual application.

(f) Identify, control, and document an executive Service maintenance and support concept. Ensure the participating Services' maintenance and support concept and deployment, transfer, or fielding requirements are identified, documented, and provided to the executive Service ILS program organization for incorporation into the JILSP and JMOA. Ensure the planning process accommodates commonalities and legitimate differences between Service concepts.

b. In summary, the executive Service head will be responsible for the ILS program management and execution as defined in chapter 3.

2-2. Participating Services

a. Immediately after participation in a multiservice acquisition program is officially confirmed the heads of the participating Services will--

(1) Designate an ILS representative or Service ILS manager to support the executive Service ILS manager.

(2) Identify participating Service ILS representatives for program reviews, the ILS management team (ILSMT), and the manager to the executive Service program office.

(3) If possible, collocate the participating Service ILS manager with the executive Service ILS program office, when warranted by program complexity and impact.

b. The participating Service ILS manager will--

(1) Participate in the preparation of requirements identification evaluation and update of the JILSP, ILS program part of the JMOA, and program planning, solicitation, and contractual documents.

(2) Identify, document, and provide Service-unique ILS program requirements and maintenance concepts, deployment requirements, and support concepts to the executive Service ILS manager. Ensure legitimate Service differences in support requirements are identified and accommodated during the support planning process.

(3) Define procedures for determining the source of funding for participating Service-unique requirements as included in the ILS program part of the JMOA.

(4) Provide members on the ILSMT and representation at all joint meetings, such as, ILSMT meetings,

in-process reviews, provisioning conferences, LSA reviews, technical documents verification reviews, and design reviews.

c. In summary, the participating Services will be responsible for full participation in the ILS program management and execution as defined in chapter 3.

Chapter 3 ILS Program Management and Execution

3-1. ILS manager designation

a. Prior to establishing the acquisition strategy, an executive Service ILS manager will be designated. The designated executive Service ILS manager will support the program manager by assuring the management and execution of an effective ILS program.

b. Immediately after participating Service involvement in a multiservice acquisition program is officially confirmed, a participating Service ILS manager will be designated. The designated participating Service ILS manager will support the executive Service ILS manager to ensure that all ILS program tasks are identified to the executive Service, and ensure that all ILS program coordination is accomplished within the respective participating Service. The participating Service ILS manager is identified to the executive Service by name, rank or grade, organization, office symbol, address, and AUTOVON number.

3-2. LSA program

Military Standards (MIL-STD) 1388-1 and MIL-STD-1388-2 will be adopted, as appropriate, to define LSA program and contractual requirements. Application of these standards will be tailored based on complexity and ILS program requirements. The LSA documentation is used as the official source of data for influencing design and determining ILS resource requirements. Redundant data bases are avoided by using LSA documentation as the source of all support requirements. The LSA program requirements and joint participation in LSA review teams will be defined in the ILS part of the JMOA.

3-3. Coordination

All ILS program actions, requirements, and plans will be coordinated among all involved Services.

3-4. Joint ILS plan

A JILSP will be initiated when the executive Service ILS manager is designated. The JILSP will be prepared by the executive Service in conjunction with the participating Services, and updated and expanded as required by the executive Service implementing regulation (app A). Guidance for the JILSP content is described in appendix B. Each Service-unique ILS program planning requirement will be contained in a separate JILSP annex. The JILSP will be managed, administered, prepared, updated, and otherwise governed by the ILSMT.

3-5. ILS Program Joint Memorandum of Agreement

An ILS program part of the JMOA will be prepared to formalize the responsibility and procedures for joint ILS program operation and will include procedures for resolving impasses between the Services involved. The ILS manager for each involved Service will sign the ILS program part of the JMOA. The ILS program part of the JMOA will be completed and coordinated within 150 days of the initiation of a multiservice acquisition. The JMOA revisions may be renegotiated at each major life cycle milestone during the system and equipment acquisition process. This regulation serves as the baseline for preparing the ILS program functions under the JMOA. The ILS program part of the JMOA will be attached as an annex to the JILSP.

3-6. ILS elements

A single set of ILS elements will be identified and agreed to during formulation of the ILS program and the JMOA. This single set will include all the ILS elements contained in DODD 5000.39, and other selected ILS elements, issues, or disciplines contained in the executive and participating Services' ILS regulations. The JILSP will cover all selected ILS elements.

3-7. Ancillary equipment

Logistic support for ancillary equipment will be planned as an integral part of the multiservice system and equipment or support equipment acquisition effort.

3-8. Intermediate support

Joint use of centralized intermediate maintenance facilities will be encouraged to reduce duplication.

3-9. Depot support

Responsibility for depot repair and maintenance will be as determined by the Depot Maintenance Interservice (DMI) Study (as performed by the Joint Depot Maintenance Analysis Group (JDMAG)), based on data provided the executive Service. (See DARCOM-R 700-97, NAVMATINST 4000.28A, AFLCR/AFSCR 800-24, and MCO P-4110.1A for additional information.)

3-10. Maintenance concepts and planning

Specific maintenance concepts for each Service will be documented in the JILSP, by milestone I, and any changes will be approved by the ILSMT. Maintenance concepts and planning will be updated prior to each decision point.

3-11. Training

Joint use of centralized training facilities for operator and maintenance training will be encouraged to reduce duplication.

3-12. Test and evaluation

Test and evaluation criteria will evaluate supportability and ensure representation from each participating Service and the

contractor to review supportability issues and evaluations. Test and evaluation criteria (or plans) will--

a. Ensure participating Services are involved in developing supportability test issues and test plans for both hardware and software.

b. Ensure that the detailed maintenance planning in the JILSP will be used as the basis for the initial operational test and evaluation (OTE) and all follow-on OTE.

3-13. Solicitation and contractual documents

The executive Service will ensure that solicitation and contractual documents include--

a. Requirements for an ILS program including the management and execution effort necessary to integrate the development of the support elements concurrent with system design, influencing system design, coordinating and accomplishing supportability testing requirements, and fielding systems and equipment that meet system readiness requirements.

b. Quantitative and qualitative logistic-related reliability, availability, and maintainability (RAM) and nuclear survivability (NS) requirements, including appropriate incentives.

c. Other quantitative and qualitative ILS planning factors such as manpower, personnel, and training constraints; maintenance concepts and design constraints; and all other appropriate restrictions.

d. Detailed requirements for developing and providing support elements, identified for intensive management in the JILSP.

e. Requirements for an Integrated Support Plan (ISP) (data item DI-ILSS-80395), in response to the solicitation document, for use in source selection and as a contract deliverable.

3-14. ILS management team, ILS program organization

An ILSMT will be established as the ILS program organization, and meet as required to assist and support the executive Service ILS manager in accomplishing program-related ILS functions. The ILSMT will be composed of members from both executive and participating Services and chaired by the executive Service ILS manager. An LSA review team composed of Government ILS and logistic element representatives, headed

by the executive Service ILS manager, will be established as part of the ILSMT. The composition and functions of the specific ILSMT and review team will be documented in the ILS part of the JMOA and in the JILSP.

3-15. Unique Service requirements and deployment requirements or plans

Deployment requirements or plans, system and equipment Materiel Fielding Plans, System Turnover Plan (transition plan), installation plans, and other such Service plans will be prepared by each involved Service. If no single format is acceptable, Service-unique formats will be used. When Service-unique formats are used, a copy will be provided to the executive Service ILS manager and participating Services.

3-16. ILS lessons learned

Applicable ILS lessons learned will be selected by the requiring activity, and applied to both the internal ILS program management, execution, and contractual ILS requirements. Feedback will be provided to both executive and participating Service ILS lessons learned data bases.

3-17. ILS points of contact

To facilitate multiservice ILS program management and execution, a listing of Service ILS points of contact will be maintained and updated as required.

**Appendix A
Related Publications**

A related publication is merely a source of additional information. The user does not have to read it to understand this regulation.

AFLCR 400-21, DARCOM-R 750-10, NAVMATINST 4790.21, MCO P4790.10
Logistics Depot Maintenance Interservice.

AFP 800-7, TM 38-710, NAVMAT P-4000, NAVMC-2644, DSAH 4000-1, DCAC 270-120-2, DNA INST No. 4100-35
Integrated Logistic Support Implementation Guide for DOD Systems and Equipment.

AFR 50-18, AR 351-9, OPNAVINST 1500.27B, MCO 1580.7A
Interservice Formal School Training.

AFR 65-3, AR 70-37, NAVMATINST 4130.1A, MCO 4130.1A, DSAR 8250-4, NSA/CSS 80-14, DCAC 100-50-2, DNA INST 5010.18
Configuration Management.

AFR 66-19, AR 25-36, NAVMATINST 5600.11A, MCO 5215.16, DLAR 4151.9
Interservicing of Technical Manuals and Related Technology.

AFR 400-27, AR 1-35, DNA INST 4000.19
Basic Policies and Principles for Interservice, Interdepartmental, and Interagency Support.

AFR 400-50, AR 700-101
Joint Operating Procedures Management and Standardization of Mobile Power Generating Source.

AFSCR-AFLCR 800-2, MACR 70-59
Management of Multiservice Systems, Programs, and Projects.

AR 700-127
Integrated Logistic Support (ILS) Program.

DLAR 4100.2, AR 715-12, AFR 67-83, NAVSUPINST 4423.12D, MCO 4423.13C
Provisioning Requirements for DLA Procured Equipment.

DOD 4000.18-R
Defense Regional Interservice Support (DRIS) Regulation.

DOD 4100.38-M
Department of Defense Provisioning and Other Preprocurement Screening Manual.

DOD 4140.26-M
Defense Integrated Materiel Management Manual for Consumable Items, Volume I,

Commodity Oriented Items and Defense Integrated Materiel Management Manual for Consumable Items, and Volume II, Weapons System Oriented Items.

DOD 7750.5-L
List of Approved Recurring Information Requirements.

DODD 4000.19
Interservice, Interdepartmental and Interagency Support.

DODD 4000.25
Administration of Military Standard Logistics Systems.

DODD 4120.11
Standardization of Mobile Electric Power Generating Sources.

DODD 4140.26
Integrated Materiel Management of Consumable Items

DODD 4140.40
Provisioning of End Items of Materiel.

DODD 4151.1
Use of Contractor and DOD Resources for Maintenance of Materiel.

DODD 4151.7
Uniform Technical Documentation for Use in Provisioning of End Items of Materiel.

DODD 4151.16
DOD Equipment Maintenance Program.

DODD 5000.1
Major and Non-Major Defense Programs Acquisitions.

DODD 5000.3
Test and Evaluation.

DODD 5000.39
Management of Computer Resources in Major Defense Systems.

DODD 5010.19
Configuration Management.

DODI 4120.19
Spares Acquisition Integrated With Production (SAIP).

DODI 4151.9
Technical Manual (TM) Program Management.

DODI 4151.12
Policies Governing Maintenance Engineering With the Department of Defense.

DODI 5000.2
Defense Acquisition Program Procedures

DODI 5010.12
Management of Technical Data.

DODI 7220.21
Uniform Criteria for Repair Cost Estimates Used in Determination of Economical Repair.

FAR Part 8
Required Sources of Supplies and Services.

Joint Military Services Memorandum of Understanding
Wholesale Interservice Supply Support, 21 June 1966.

MIL-STD-470
Maintainability Program for Systems and Equipment.

MIL-STD-490
ILS Program Requirements.

MIL-STD-758
Reliability Program for Systems and Equipment Development and Production.

MIL-STD-965
Parts Control Program.

MIL-STD-1369
ILS Program Requirements.

MIL-STD-1388-1
Logistic Support Analysis.

MIL-STD-1388-2
DOD Requirements for a Logistic Support Analysis Record.

MIL-STD-1561
Provisioning, Procedures, Uniform Department of Defense.

MIL-STD-2165
Testability Program for Electronic Systems and Equipment.

NSA CSS CIR 62-2
Elimination of Duplication in the Management and Logistic Support of Cryptologic Nonconsumable Items.

NSA CSS CIR 80-7
Cryptologic Integrated Logistic Support Policy and Procedures.

OPNAVINST 5000.59
Integrated Logistic Support Program

Appendix B
Joint Integrated Logistic Support
Plan Guidance

B-1. General style requirements

The JILSP (task 102, MIL-STD-1369) should not contain repetitions of standard policy and procedures that are not necessary for understanding or compliance with ILS program requirements. However, Service-unique or special requirements or criteria will be addressed and made part of the JILSP. Eliminate unnecessary verbiage. Use graphics where possible. Focus on putting as much visual information as possible in the milestones schedule charts in Part III.

B-2. JILSP content

The JILSP consists of three parts (app B, MIL-STD-1369). The content of each part is described below.

a. Part I. General

(1) System description.

Describe the system, equipment, purpose, and general performance characteristics.

(2) Program management.

Identify all participating organizations and points of contact, and describe their roles. Use the ILS program part of the JMOA as a reference document, and include it as an annex.

(3) Applicable documents.

Identify those documents that provide guidance or criteria necessary to accomplish functions described in the JILSP.

b. Part II. Concepts/Strategy

(1) Initial requirements

documents/operational and organizational (O&O) plan. Describe the O&O concept in terms of mission scenarios, operational environment, employment concepts, and deployment plans. Provide sufficient detail (annual operating days, annual number of missions, mean mission duration, and so forth) to provide input to the LSA process. Include requirement concepts of each involved Service, as applicable.

(2) Maintenance concept.

Describe maintenance requirements, considerations, and constraints in terms of number and skill level of maintenance personnel, number of inventory items, maintenance environment, levels of maintenance, operational availability, nuclear and conventional survivability requirements, and any maintenance considerations peculiar to the system. Identify any maintenance concept trade-offs to be performed and any unique participating Service maintenance requirements associated with joint ventures. State these maintenance requirements in such detail as to ensure participating Service-unique requirements are clearly understood. (All maintenance concepts requirements, and planning will differentiate between hardware and software maintenance.)

(3) Logistics support

analysis (task 101 MIL-STD-1369). Describe the LSA program. Include a brief description of LSA tasks required, the structure of the LSA data system, and contractor-Government interrelationships in conducting LSA.

(4) Acquisition strategy (task 101 MIL-STD-1369). Describe the acquisition approach to include contractual approaches for the consolidation and control of LCCs (including logistics support costs), competition and breakout of support items, product performance agreements, spares acquisition strategy integrated with the production concept, and required contractor support. Also, describe budget and funding policies that are in addition to, or deviate from, standard procedures.

(5) Test and evaluation concept. Describe the test and evaluation concept in terms of development test and evaluation (DT&E), operational test and evaluation, participating organizations (including contractor), and management relationships. Include information on peculiar test requirements that are directly related to the ILS program (such as reliability, maintainability, supportability, nuclear and conventional survivability, or contractual requirements related to a support cost guidance). Address the interface between the LSA data system and the test program. Describe the role and unique requirements of each involved Service in the test program, to include funding, test personnel, test facilities, and any Service-unique test requirement.

(6) ILS element concept.

(a) Maintenance planning.

Describe the evolving maintenance concept, trade-off factors, and maintenance factors peculiar to the system, including all unique technical requirements such as maintenance of nuclear and conventional survivability features of the system or equipment. For each level of maintenance, describe the maintenance environment, limitations, constraints, requirements failure diagnostic techniques, and support equipment. Include information on depot maintenance support, contractor logistic support (CLS), interim contractor support (ICS), contractor warranties, interservice support, and host nation support (HNS). Identify and establish each Service maintenance concept and identify any warranties, interservice support, and HNS. Identify and establish each Service maintenance concept and identify any Service-unique maintenance concepts or requirements.

(b) Manpower and personnel.

Describe the system effect on manpower and personnel. Show how manpower and personnel (number and skill levels) will be provided to operate and support the system. Describe limitations, constraints, special system requirements, and human factors such as the man-machine interface. Show manpower and personnel requirements. Assess the adequacy of the projected force structure to meet peacetime and wartime personnel requirements. Identify and establish each Service qualitative, quantitative, or unique requirement, to include manpower, personnel integration, and constraints.

(c) Supply support. Describe the evolving supply concept, limitation, special requirements, and provisioning strategy. Assess the effect of the acquisition schedule on provisioning. Identify any deviation from standard supply support procedures, such as ICS, CLS, and HNS. Relate initial provisioning alternatives to system readiness requirements. Summarize significant aspects of provisioning plans. Identify any Service-unique supply support requirements.

(d) Support equipment.

Describe procedures used to identify and obtain support equipment and test, measurement, and diagnostic equipment. Include both component items and associated support items of equipment, such as trucks and generators required for system operation and support. Include procedures to control system-unique TMDE requirements and the projected availability of automatic test equipment, test program sets, and other related application software for each level of maintenance. Identify current or emerging TMDE systems to be used. Identify any Service-unique support and test equipment requirements.

(e) Technical data.

Describe support-related technical data requirements for the materiel system acquisition program. Include data management procedures to ensure delivery of adequate, nonduplicative technical data. Describe the required technical publications. Identify any Service-unique technical data, technical publication, computer resource planning or requirements.

(f) Training, training aid and devices, and training support.

Describe training and training device requirements, how they will be accomplished and acquired, and who is responsible for them. Include contractor and Government responsibilities. In the JILSP, describe how requirements from technical disciplines such as safety and nuclear and conventional survivability will be integrated into functional training. State initial and follow-on individual, unit, and new equipment training requirements. Ensure that long-term training facilities programming is coordinated, and indicate the current status. Identify any Service-unique training, training aid and devices, or training support requirements.

(g) Computer resources

support. Describe ILS issues and management procedures unique to the development, test, evaluation, and support of embedded or stand-alone computer software and firmware. Describe postdeployment software support procedures, requirements, and responsibilities. Include the following:

1. Identification of support for Joint Service command software and firmware configuration items that will be at one depot level software support location determined by the Joint Service Computer Resources Working Group. (The lead Service for common software support will be designated in the PMD or determined by the Joint Program Manager.)

2. Identification of Service-peculiar software and firmware that will be supported in accordance with defined Service software requirements and identified in each Service's computer resources support planning documentation. (Service-unique support responsibilities for software will be identified to the computer software configuration item level in this ILSP and in the Joint Program Office computer resources life cycle management plan.)

(h) Facilities. Describe requirements for operational, maintenance, logistic, and training facilities, to include real estate and utilities where required. If new or improved facilities are needed, identify military construction program requirements. Identify responsibilities and procedures for facilities planning. Describe environmental constraints and security requirements. Discuss how host nation facility requirements will be provided within the deployment lead times. Describe the interface with the using commands to ensure timely programming and budgeting actions. Include depot facility effects and requirements. Identify any Service-unique facility requirements, to include computer support facilities, operational, maintenance and support facilities, and Military Construction (MILCON) requirements.

(i) Packaging, handling, storage, and transportability (PHST). Describe system-unique requirements and procedures to include preservation, storage (for example, security requirements) and requirements for ancillary handling equipment. Describe responsibilities, requirements, and constraints, including those related to unit and force mobility. Identify required tactical and strategic transport modes. Also identify transport limits and restrictions, including container compatibility. When appropriate, discuss design or performance trade-offs for transportability. State whether transportability approval will be required. Identify any Service-unique packaging, handling, stowage, storage, marketing, transportation, and transportability requirements, to include transportation engineering criteria and requirements.

(j) Design interface. Describe how ILS, including LCC, will influence materiel design. Explain the relationship of logistic-related design parameters such as reliability and maintainability to system readiness objectives and support resource requirements. Describe what design trade-offs have been made and those that are planned. Explain ILS-related design constraints. Describe program controls that ensure that ILS is fully considered in the design process. Discuss factors

that will influence design such as the following:

1. Energy, environmental constraints, hazardous materiel, personnel and equipment safety, security, transportability/transportation and all such requirements, trade-offs, and initiatives.
2. ILS constraints, goals, and thresholds. (Include manpower, training, and readiness objectives.)
3. Support resources and LCC.
4. Durability considerations. (Include corrosion protection and long-term storage.)
5. Application of experience with similar fielded materiel systems to the design of the proposed system and its support.
6. Human factors engineering, safety, and health hazards.
7. Other support-related design requirements, such as nuclear and conventional survivability.

(k) Additional ILS elements. In paragraphs 11 and 12, describe any additional ILS elements agreed to in the ILS program JMOA.

(l) Other concepts. Briefly describe unique or innovative support concepts established or required to provide effective logistics support. Do not repeat standard support concepts, except to show the interface or rationale for the new concept. Identify any special or unique Service requirements, and augment or supplement the JILSP as required.

c. Part III. Milestone Schedule Charts

(1) Include a master acquisition program milestone schedule chart. This chart should show the major milestones required to manage and execute the overall multiservice acquisition program. The milestones included on this chart represent the schedule around which ILS program milestones must be planned and into which they must be integrated.

(2) Include milestone schedule charts for all ILS program tasks. Show the anticipated beginning and completion dates, the assigned office of primary responsibility, and the applicable resource requirements (as a minimum, identify OPRs by office symbol). These milestones should include the development and coordination of a joint program postdevelopment software support plan, if applicable.

(3) Coordinate the ILS program milestones with all organizations involved to ensure that tasks are complete, accurate, integrated with contractual requirements, and related to key acquisition program milestones.

(4) Do not include narrative in Part III of the JILSP unless essential.

(5) Milestone schedule charts should be prepared for each ILS program task, to include the development of logistic elements; for example, technical manuals,

training programs, and provisioning technical documentation for the LSA effort. Milestone schedule charts for developing the logistic elements should be developed using an agreed to network analysis.

d. Part IV. Annexes

As an annex to the JILSP, include any supporting documentation needed to clarify or support JILSP entries; include Department of Energy, nuclear, and other such special program requirements. The ILS program JMOA is a required annex.

Glossary	office of primary responsibility
Section I	
Abbreviations	OTE
AMC	operational test and evaluation
U.S. Army Materiel Command	RAM
CLS	reliability, availability, and maintainability
contractor logistic support	TMDE
DMI	test, measurement, and diagnostic equipment
depot maintenance interservice study	
DOD	Section II
Department of Defense	Terms
DODD	Executive Service
Department of Defense Directive	That military Service that is formally designated, assigned responsibility, and delegated authority for life cycle management for a multiservice system or for equipment used by two or more Services.
DODI	
Department of Defense Instruction	
DT&E	ILS Program
development, test, and evaluation	The total set of tasks, both management and execution, required to accomplish the ILS objective stated in DODD 5000.39 and the ILS regulations of the executive and participating Services.
HNS	
host nation support	
ICS	
interim contractor support	
ILS	ILS Program Joint Memorandum of Agreement
integrated logistic support	An agreement between the executive and participating Services that defines and establishes ILS program requirements, concepts, tasks, procedures, milestones, and responsibilities.
ILSMT	
ILS management team	
ILSP	
ILS plan	
JDMAG	Joint Integrated Logistic Support Plan
Joint Depot Maintenance Analysis Group	The Government's detailed plan for managing and executing a multiservice ILS program. It is prepared by the executive Service ILS manager with the assistance of each participating Service ILS manager. It is a dynamic document that is periodically updated with the increased availability of information. It provides for integration of logistics elements into program planning, development, test and evaluation, production, and operational processes.
JILSP	
joint ILS plan	
JMOA	
Joint Memorandum of Agreement	
LSA	
logistic support analysis	
LSAD	
logistic support analysis documentation	
LSAR	
logistic support analysis record	
MFP	Multiservice acquisition
materiel fielding plan	The acquisition effort to acquire a system for use by more than one Service.
MILCON (or MCA)	
military construction, appropriation	
MIL-STD	Participating Service
military standard	A military Service that uses multiservice systems or equipment and obtains support for the systems or equipment from the executive Service.
MRSA	
materiel readiness support activity	
OPR	