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MISSILE-X PROGRAM
LOGISTIC ELEMENT MANAGEMENT PLAN
FOR
LOGISTIC SUPPORT MANAGEMENT
INFORMATION LEM

31 August 1977

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Prepared for

DEPARTMENT OF THE AIR FORCE
SPACE AND MISSILE SYSTEMS ORGANIZATION (AFSC)
ICBM Program Office

Under Contract F04606-76-A-0087-R901

Publication W77-1953-TN14

⚡ARINC RESEARCH CORPORATION

P.O. Box 1375/Santa Ana, Calif.

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MISSILE-X PROGRAM
LOGISTIC ELEMENT MANAGEMENT PLAN
FOR
LOGISTIC SUPPORT MANAGEMENT
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(9) Technical note

(11) 31 August 1977   (12) 30 P.

One of 12 LEM Plans
Prepared for

DEPARTMENT OF THE AIR FORCE
SPACE AND MISSILE SYSTEMS ORGANIZATION (AFSC)
ICBM Program Office
Under Contract F04606-76-A-0087-R901

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Prepared by

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MISSILE-X PROGRAM
LOGISTIC ELEMENT MANAGEMENT PLAN

FOR

LOGISTIC SUPPORT MANAGEMENT
INFORMATION LEM

31 August 1977

SPACE AND MISSILE SYSTEMS ORGANIZATION
AIR FORCE SYSTEMS COMMAND

Prepared by

Logistics (MNL)
Deputy for Intercontinental Ballistic Missiles

MISSILE-X PROGRAM
LOGISTIC ELEMENT MANAGEMENT PLAN
FOR
LOGISTIC SUPPORT MANAGEMENT
INFORMATION LEM

31 August 1977

Approved _____   Date _____

    Lester E. Eklund, Colonel, USAF
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    Deputy for Intercontinental Ballistic Missiles

Approved _____   Date _____

    Aloysius G. Casey, Colonel, USAF
    Assistant Deputy, Missile-X

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FOREWORD

This Logistic Element Management Plan for Logistic Support Management Information is one of twelve plans supplementing the guidance and direction for the Integrated Logistic Support (ILS) program as delineated in the Missile-X Integrated Logistic Support Plan (ILSP). Whereas the ILSP provides general guidance and direction for integrating all logistic elements into the overall program requirements, this plan treats the specific actions, milestones, and coordination efforts of the Logistic Element Manager for Logistic Support Management Information (LSMI-LEM). It has been written to assist the LSMI-LEM in fulfilling his responsibilities toward achieving the ILS objectives of the MX Program.

The majority of information contained in Sections 1 through 4 herein is common to all plans. Sections 5 and 6 present information pertinent to the LSMI-LEM's efforts.

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INTRODUCTION

1.1 BACKGROUND

In accordance with DoD Directive 4100.35, the promulgating authority of AFR 800-8, and the guidance provided by AFP 800-7, the MX Program Office has implemented an Integrated Logistic Support program for the MX Weapon System. The ILS program, as delineated in the Integrated Logistic Support Plan (ILSP), is intended to ensure that the weapon system is designed with due consideration given to its supportability and that the required support will be attained within an affordable, minimum life cycle cost.

For the MX System, logistic elements — areas of support activity that collectively comprise the management concept of ILS — have been defined. These are:

Maintainability Interface (M)

Reliability Interface (R)

Nuclear Hardness and Survivability Interface (NH&S)

Maintenance Planning (MP)

Support and Test Equipment (SE)

Supply Support (SS)

Transportation and Packaging (T&P)

Technical Data (TD)

Support Facilities (SF)

Personnel and Training (P&T)

Logistic Support Management Information (LSMI)

Logistic Support Resource Funds (LSRF)

For each area of support activity, the MX Program Office has designated a logistic element manager (LEM) responsible for managing the accomplishment of the tasks associated with his element.

1.2 PURPOSE

This document is a Logistic Element Management Plan for the Logistic Support Management Information element. It has been written to provide the LSMI-LEM with guidance in managing this element and ensuring the integration of logistic support management information requirements into the system development process. This plan, and those prepared for the other eleven logistic elements, will become supplementary documents to the ILSP.

1.3 MX PROGRAM

The MX Program has been implemented to provide the technology base for the development of an improved land-based strategic missile weapon system. Efforts are being directed toward the design, development, and deployment of an ICBM system within one of two nuclear hardened, multiple aim point (MAP) basing alternatives. The two currently favored basing options are the buried-trench and shelter-based weapon systems.

Full scale development (FSD) of the MX Weapon System is divided into two major efforts: missile development, including the missile and canister; and weapon system development, which includes the MAP basing hardware, software, and facilities, and the integration of the missile/canister with these equipments and facilities.

This Logistic Element Management Plan structures the logistic support management information requirements of the ILSP into identifiable responsibilities of the LSMI-LEM and delineates the tasks associated with these responsibilities. The plan is applicable to the FSD phase of the MX Weapon System with overlap to the preceding validation and system definition phases and succeeding production/deployment phases. The plan applies to all elements of the weapon system, including air vehicle, support functions, and the selected basing option. In addition, this plan:

a. Provides an overview of the MX program management concept, and the LEMs' position in the management structure.

b. Describes the ILS program and the function of the LSMI-LEM within that program.

c. Describes the participation of the LSMI-LEM in the ILS Management Information System.

d. Indicates the interdependencies among tasks and the coordination among all members of the Integrated Logistic Support Management Team (ILSMT), the project element officers (PEOs), and systems engineering.

e. Presents a basic schedule for the performance of tasks by relating each task to the time frame of major program events.

f. Indicates the interrelationships of the LSMI-LEM with the remaining logistic elements.

The following document listing is provided as a reference source relating to the implementation of an ILS program and the Logistic Support Management Information logistic element.

DoD Directive 4100.35   Development of Integrated Logistic Support for Systems/Equipment, 1 October 1970

DoD 4100.35G   Integrated Logistic Support Planning Guide for DoD Systems and Equipment, 15 October 1968

AFR 800-8   Integrated Logistic Support (ILS) Program for Systems and Equipment, 27 July 1972

AFP 800-7   Integrated Logistic Support Implementation Guide for DoD Systems and Equipments, March 1972

SAMSO Supplement to AFR 800-8   Integrated Logistic Support (ILS) Program for Systems and Equipment, 7 September 1976

ICBM PO ED 77-6   System Requirements Analysis Programs for the MX Weapon System, 24 May 1977

ICBM PO ED 77-3   ICBM Program Office Engineering Directive for the Integrated Test Plan for MX Weapon System, 22 June 1977

ILSP   Missile-X Integrated Logistic Support Plan, June 1977

PO Manual   ICBM PO Project Officers' Manual, 1 July 1976

SAMSO/MNL Publication   ILS Management Information System Report, 31 August 1977

PROGRAM MANAGEMENT

Management of the MX Weapon System Program is the responsibility of the ICBM Program Office. The Program Manager has the overall responsibility for acquisition and integration management of the program, and is supported by the following Directorates within the ICBM Program Office:

Logistics

Engineering

System Acquisition Management Support

Procurement and Production

Deployment

Program Control

The ICBM Program Office comprises a team of Air Force and contractor personnel. That office operates with a functionally decentralized organizational structure, which has resulted in the implementation of the Project Element Management System. In this system, the program is divided into a series of discrete, functional elements, each managed as an entity by a designated project element officer responsible for monitoring the technical, cost, and schedule performance of one or more MX associate contractors. No prime contractor will be designated for the MX Program. Rather, the ICBM Program Office will function as the system integrator.

4.1 ILS PROGRAM ORGANIZATION

4.1.1 Deputy Program Manager for Logistics

The Deputy Program Manager for Logistics (DPML) was assigned from HQ AFLC with the concurrence of the MX Program Manager, and serves as the focal point for MX logistics management. The DPML and his organization are an integral part of

the ICBM Program Office and form the Directorate of Logistics (MNL). Within the MX Program, it is the responsibility of the DPML to assure that:

a. Continuous attention is given to logistic support posture and costs throughout the acquisition process.

b. Tradeoff studies affecting system design are evaluated to determine their impact on supportability, life cycle cost, and operational requirements.

c. All objectives of ILS are achieved for the MX Weapon System.

The DPML will draw upon the support of the designated logistic element managers to obtain timely contributions to those system design and support decisions which affect logistic support costs and effectiveness throughout the life of the system.

4.1.2 Logistic Element Managers

As discussed in paragraph 4, the Program Office operates with a functionally decentralized organization structure. This decentralization has positioned ILS elements (as defined by AFR 800-8) outside of the Logistics Directorate, in company with those ILS interface engineering design elements (e.g., Reliability) normally external to the logistics organization. Logistic element managers have been designated within each functional logistic-related area. In addition, the Technical Data and Supply Support elements are further separated into subelements to gain maximum benefits from the decentralized organizational structure. The elements, by Directorate, are shown in Figure 4-1.

The manager for each element is the single point of contact for the DPML in the management of all logistic integration aspects of the assigned element. The LEM assures that the tasks associated with his element, as defined within this Logistic Element Management Plan, are accomplished. He provides liaison and coordination among the other logistic element managers as required for the achievement of integrated logistic support. He further assures that all relevant ILS data are collected, analyzed, reported, and disseminated, as appropriate, for his element.

Each LEM also plays a key role in supporting the Program Office's function as integrating agency of all associate contractor activities. The LSMI-LEM supports engineering personnel and the PEOs by providing the management assistance needed to identify the contractual requirements relative to his element. In so doing,
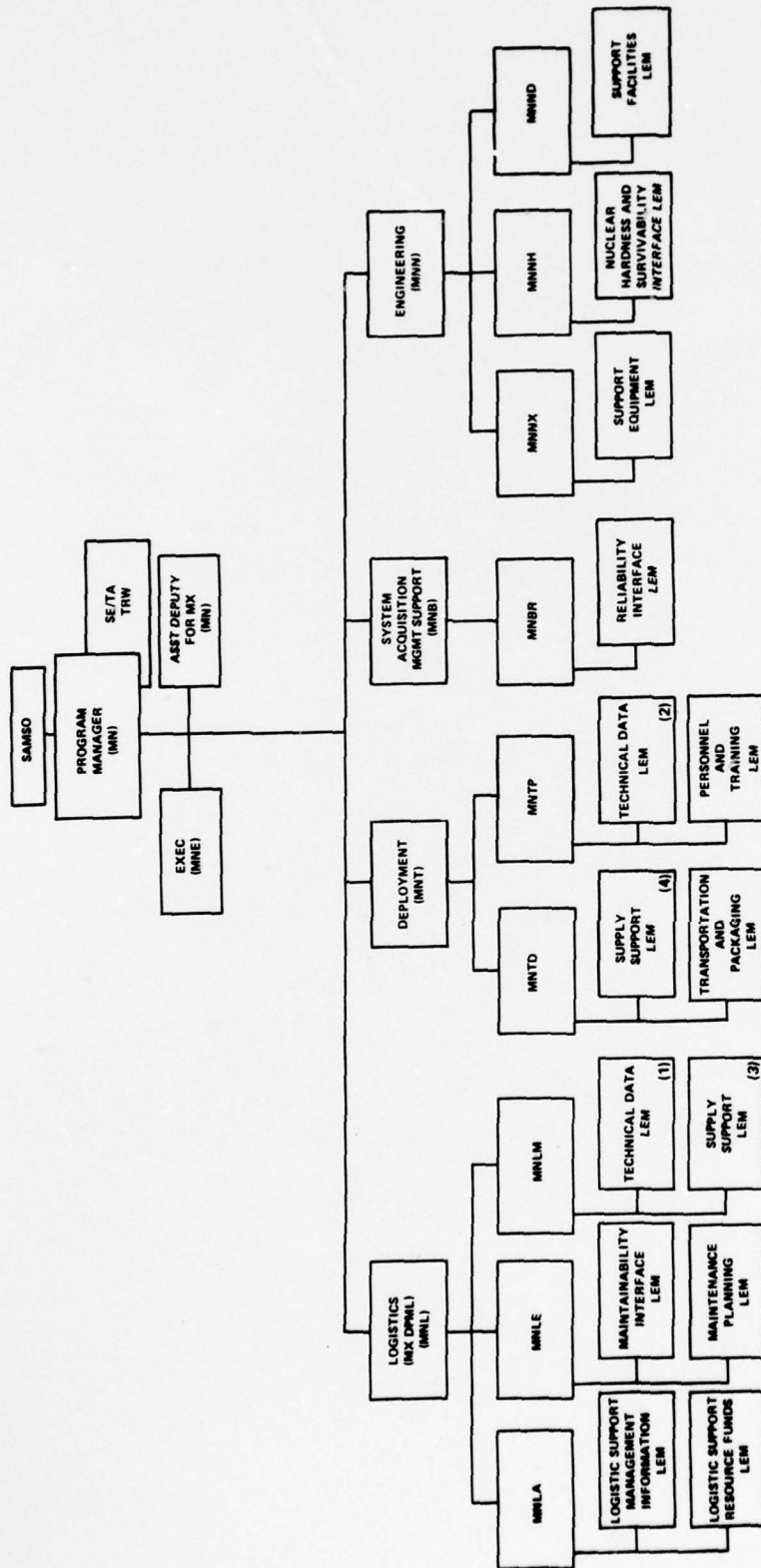
Figure 4-1. MX Program Logistic Element Managers

he assures that a system integration approach is used in determining the requirements for each associate contractor. Due to the large number of associates involved, a significant coordination effort will be required by the LEM within his logistic element to maintain cognizance of the activities that impact on logistics.

Each LEM is a member of the integrated Logistic Support Management Team, and through active participation as a team member he supports the DPML in managing the accomplishment of the Program Office's acquisition logistics tasks.

It is through the exchange of information at ILSMT meetings and the interrelationships of LEMs that the DPML will acquire the program information necessary to assure the integration of logistic support elements into the total program requirements.

4.2 ILS MANAGEMENT INFORMATION SYSTEM

The ILS Management Information System was developed to assist the DPML and all logistic element managers in their efforts to achieve the logistic objectives of the MX Weapon System. Management and direction of the information system's activities are the responsibility of the DPML. This responsibility is discharged primarily through his position as chairman of the ILSMT and of technical interchange meetings.

Successful implementation of the ILS MIS depends on each LEM's accomplishment of the tasks delineated in his LEM plan, through fulfilling his reporting responsibilities, and through active participation in the ILSMT.

The ILS Management Information System Report dated 1 June 1977 provides a complete description of the ILS MIS and the LEMs' role in implementing the system. Figure 4-2 depicts the information flow of the ILS MIS, and will serve as an aid in understanding the data input/output and coordination activities of the LSMI-LEM as defined in Sections 5 and 6 of this plan.

In general, much of the management information will involve estimates, or other planning data in which the quality of the data used will vary over some acceptable range. The criteria provided for use by the LEMs in describing the relative quality of MIS data are presented in tables within the Integrated Logistic Support Management Information System Report. Assistance to the LEMs for participating in the ILS MIS, as both contributor and user, will be provided by the Logistic Support Management Information LEM.

Figure 4-2. Information Flow of the ILS MIS
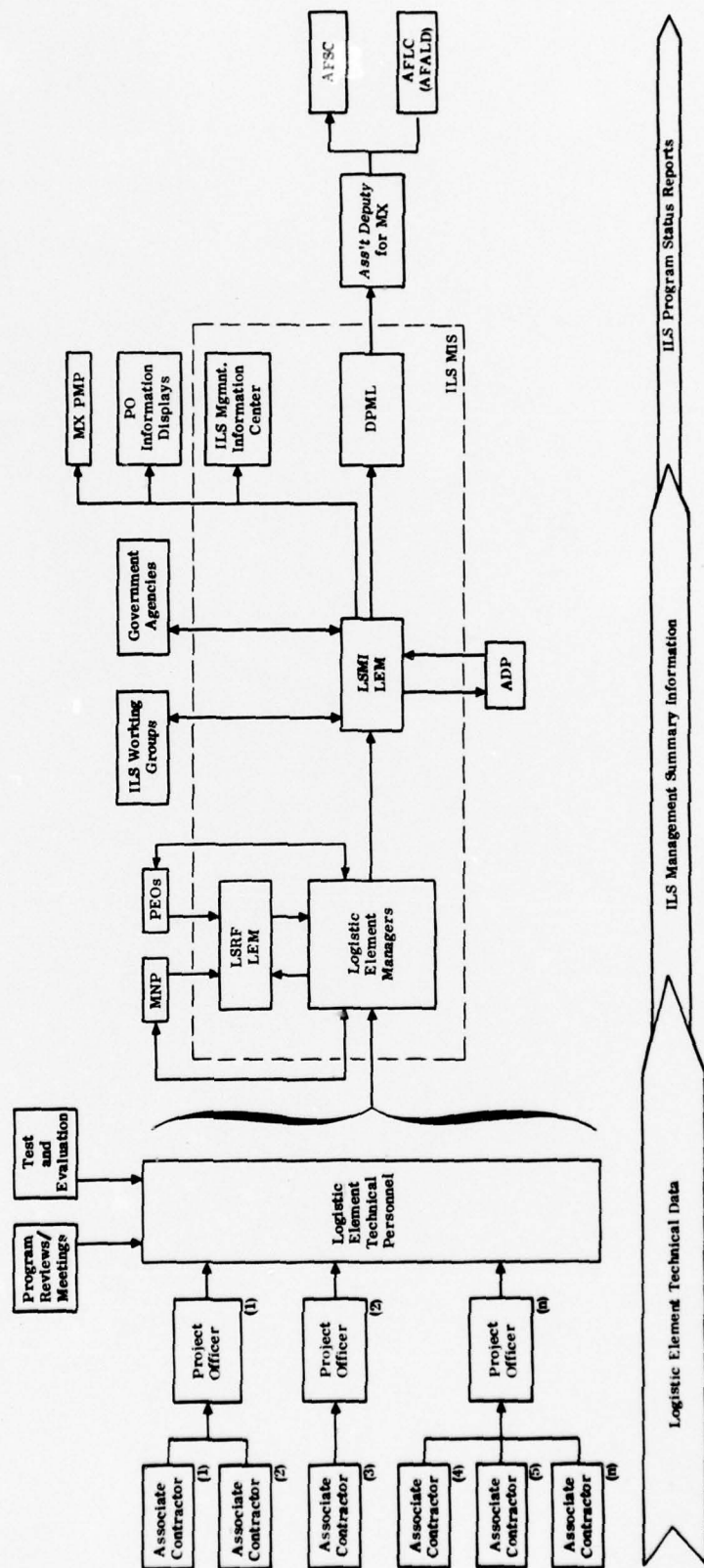
A typical schedule showing program events for the LSMI logistic element is shown in Appendix C. The schedule depicts the general type of system-level information required as input to the management information system. This type of information summarizes the LEM's effort of tailoring the task schedule shown in Table 6-1 to the development activities of each associate contractor.

5.1 INTEGRATED LOGISTIC SUPPORT PROGRAM

Integrated Logistic Support is a concept that encompasses the total and timely support of a system/equipment, within acceptable life cycle cost criteria, for the duration of its useful life. Realization of this concept is achieved through planning and analysis tasks for the subsequent procurement of all required support as part of the total acquisition process.

An ILS program has been implemented for the MX Weapon System to assure that the ILS concept impacts the system design process in a manner that will improve supportability and control O&S costs. Within the ILS program, logistic elements have been identified (see paragraph 1.1). These elements are areas of support activity which, when collectively considered, provide the basis for the acquisition of the human, material, and financial resources required to maintain a system in an acceptable state of operational readiness within affordable cost criteria.

Essentials of the ILS program include the analysis and definition of quantitative and qualitative logistic support requirements; the prediction of logistic support costs; and the performance of tradeoff studies and evaluations. The responsibility for performance of these efforts rests with the ICBM Program Office and its supporting directorates. However, the responsibility for monitoring and assuring the accomplishment of these efforts has been assigned to the logistic element managers. Each Logistic Element Management Plan delineates the detailed areas of responsibility for a specific LEM.

Figure 5-1 depicts the information flow among the various LEMs during the performance of their ILS efforts. While the information flow will primarily be in the direction indicated by the arrows in that diagram, situations will arise where information must be passed in both directions. Additionally, the information flow might be influenced by variations in logistic information requirements among the configuration end items. Figure 5-1a (inset in Figure 5-1) indicates that the impact of the ILS concept on the system design is achieved through the logistic support analysis efforts.
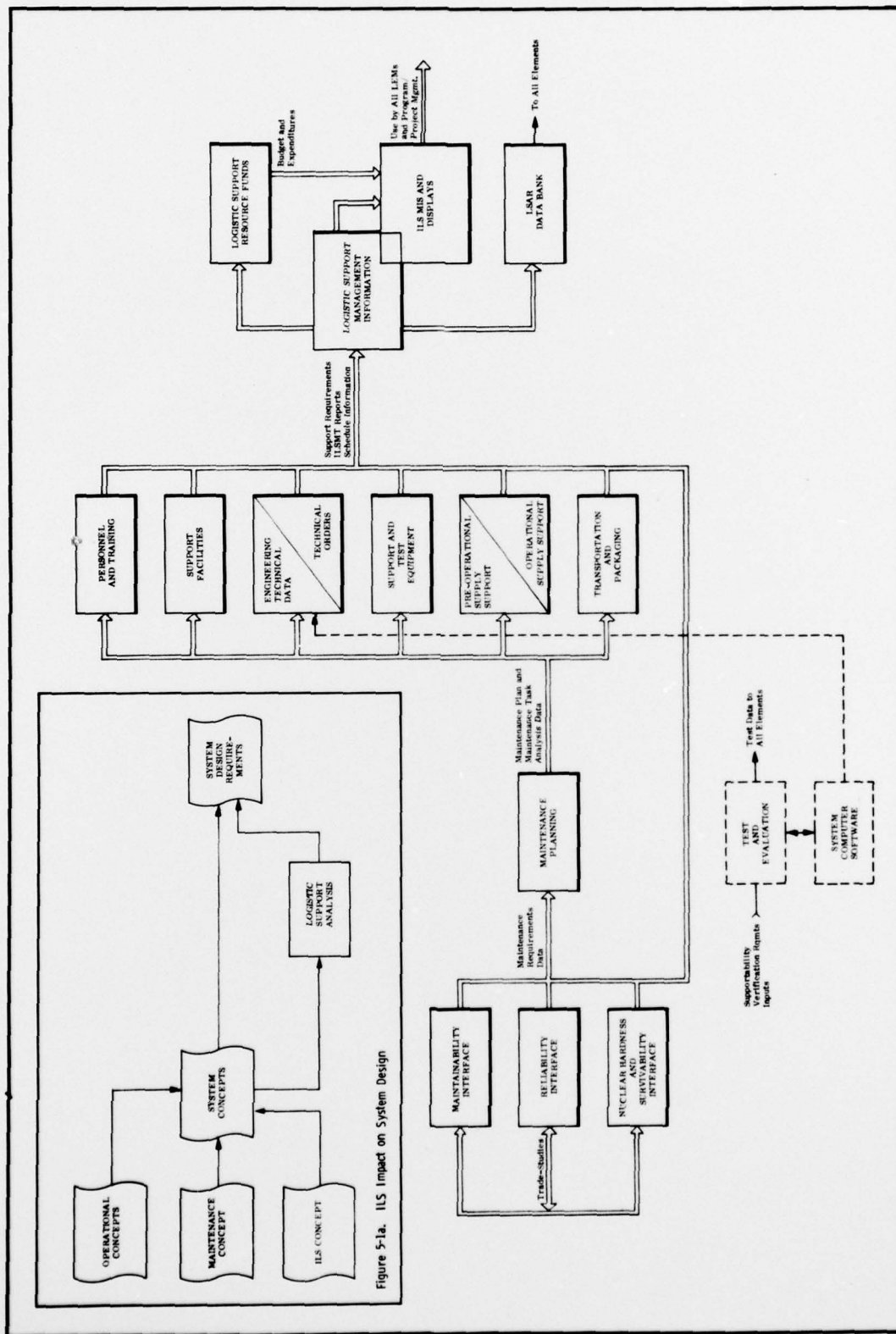
Figure 5-1a. ILS Impact on System Design

Figure 5-1. Primary Interface Relationships of Logistic Elements

5.2 LOGISTIC SUPPORT MANAGEMENT INFORMATION ELEMENT

Logistic support management information comprises all data resulting from engineering and logistic activities required to provide the DPML with visibility for effectively managing the ILS Program. This element entails those tasks implemented to ensure that management data are available to support decisions concerning the logistic supportability of the system/equipment. These data include logistic support analysis control documentation; engineering and logistic test and demonstration records; program-schedule and cost control documentation; maintenance management and failure information; requirement forecasts pertaining to personnel, equipment, supplies, facilities, and funding; configuration management information; and pre-operational and operational supply support planning/status information.

The LSMI-LEM identifies, collects, and disseminates pertinent logistic data. The tools utilized in implementing this element are the ILS Management Information System (MIS) and the Management Information Center (MIC). The MIS provides logistic support management personnel with visibility concerning the status and adequacy of all logistic elements. Types of information to be available include, but are not limited to, detailed and summary schedules for each logistic element, funding data, problem/ impact statements and status, action item assignments and status, and planning and management summaries. Additional logistic information such as LSA summaries, operational and maintenance data, and life cycle cost data will be available from present and planned computerized data banks. The MIC provides a convenient and central location for the display of schedule and status information concerning all elements of the ILS Program.

Primary interface relationships exist between the LSMI-LEM and all other LEMs since data flow in both directions is essential to the success of the ILS Program. In performing his functions the LSMI-LEM coordinates, as required, with PEOs; other LEMs; POs from the Logistics, Deployment, Engineering, and System Acquisition Directorates; and other OPRs. His position as administrator of the ILS MIS, the ILSMT and ILS technical interchange (TI) meetings provides the primary basis for performing these coordination efforts.

LSMI-LEM MANAGEMENT RESPONSIBILITIES AND TASKS

6.1 RESPONSIBILITIES

The Logistic Support Management Information LEM assists the Deputy Program Manager for Logistics in assuring that the management information aspects of the ILS program are identified, planned, and implemented. He performs the function of managing a central repository for the receipt and dissemination of logistic information. The LSMI-LEM's responsibilities include:

a. Coordinating the Logistic Support Management Information element for the MX Program.

b. Administering the ILS Management Information System, including the Management Information Center.

c. Establishing lines of communication with each PEO, POs and the other LEMs to provide assistance concerning the ILS aspects of the LSMI element.

d. Administering ILSMT meetings.

6.2 MANAGEMENT TASKS

The tasks identified below are intended to be comprehensive relative to the scope of the LSMI-LEM's responsibilities, but additional tasks may become apparent during the implementation of this plan. The LEM is responsible for assuring that these new tasks are planned and scheduled for each applicable contract. The new tasks should be documented, this plan updated as applicable, and the information provided for updating the MIS and its information displays.

The following paragraphs describe the tasks to be performed. Table 6-1 (see paragraph 6.3) presents a task summary and indicates by the respective columns of the table the applicable data items, expected coordination required for the tasks, and a schedule relating tasks to major program events.

● Task 1

Develop, implement, and manage the ILS MIS for the MX Program. Provide guidance and assistance to all LEMs and program personnel with respect to their participation in the ILS MIS.

● Task 2

Assure the review, evaluation, and tracking of all contractually required data for which MNL is the designated technical office (as listed on DD form 1423, block 6). Arrange for the storage and distribution of these data, which include but are not limited to:

- Calibration Requirements Summary (DI-S-3615/M)
- Maintainability Program Plan (DI-R-3533/M)
- Maintainability Analysis
- Maintenance Task Analysis
- Integrated Support Plan (DI-L-6138)
- Optimum Repair Level Analysis (DI-R-3549)
- Logistic Support Analysis Plan (DI-S-7017)
- LSAR (DI-S-6171A)
- LSA Data (US-MX4-SAMSO)

● Task 3

Assist the DPML in the conduct of ILSMT meetings. Prepare meeting agendas, provide minutes of previous meetings, track and report action item status, and arrange for technical interchange meetings as required for the resolution of logistic problems.

● Task 4

Assure, through appropriate action at ILSMT meetings, that contractually required data supporting the ILS program are provided as input to the ILS MIS. These data include but are not limited to:

a. Data for which MNL is the designated technical office (see Task 2)

b. Logistic test and demonstration records

c. Program schedule and cost control documentation

d. Configuration management data

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e. Operational readiness support status information

f. Supply management effectiveness reports

g. Contractor ILS management information

● Task 5

Manage the development, implementation, and operation of the Management Information Center. Update all status boards and schedule charts as determined at ILSMT meetings and/or from changes to program schedules as directed by the Program Office.

● Task 6

Provide inputs to logistic-related MX Program documentation, including but not limited to the MX Management Plan, MX Procurement Plans, Integrated Logistic Support Plan, ICBM Master Schedules document, Program Assessment Review, Selected Acquisition Report, and System Manager Program Report.

6.3 PREFACE TO TASK TABLE

Table 6-1 lists the tasks discussed in Section 6.2, together with the corresponding data items and coordination required in the performance of the tasks. The schedule shown in the table indicates the availability dates of data items relative to major program milestones. The LSMI-LEM will prepare a schedule for the completion of selected tasks applicable to each configuration end item, using contract award dates as the basis for assigning calendar dates to each schedule.

TABLE 6-1. LOGISTIC SUPPORT MANAGEMENT INFORMATION LEM TASKS (Sheet 1 of 2)

Tasks	Applicable Data Items	Coordination	Milestone Schedule							
			RFP Release	Contract Award	SDR	PDR	CDR	FCA	T&E	Production Release
1. Develop, implement, and manage ILS MIS.	ILS MIS Report (draft, June 77)	ILSMT	◁ Continuous activity ——————————————————————————————→							
2. Assure review, evaluation, and tracking of all contractually required data for which MNL is designated technical office.	1. Calibration Requirements Summary (DI-S-3615/M)	MNLM			CA 30D ◁		◁			
	2. Maintainability Program Plan (DI-R-3533/M)	M-LEM				15D PDR ◁	15D CDR ◁			
	3. Maintainability Analysis	M-LEM				15D PDR ◁	15D CDR ◁			
	4. Maintenance Task Analysis	R-, M-LEMs		CA 60D ◁						
	5. Integrated Support Plan (DI-L-6138)	MP-LEM				15D PDR ◁	15D CDR ◁			
	6. Optimum Repair Level Analysis (DI-R-3549)	MP-LEM		CA 30D ◁		15D PDR ◁	15D CDR ◁	60D CDR ◁		
	7. Logistic Support Analysis Plan (DI-S-7017)	MP-LEM								
	8. LSAR (DI-S-6171A)	MP-LEM, applicable LEMs			◁ As required ◁					
	9. LSA Data (US-MX4-SAMSO)				◁ As required ——————————→					
3. Assist DPML in conduct of ILSMT meetings:	LEM inputs	ILSMT members								
a) Prepare meeting agenda	1. ILSMT agenda	ILSMT members								
b) Provide minutes of previous meeting	2. Status reports									
	3. Problem/Impact statement		◁ As required for semi-monthly ILSMT meetings ——————————————→							
c) Track action item status	1. Action Item form	Designated action LEM								
	2. Problem/Impact statement									
d) Arrange technical interchange meetings	Problem/Impact statement	ILSMT members, PEOs								

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TABLE 6-1. LOGISTIC SUPPORT MANAGEMENT INFORMATION LEM TASKS (Sheet 2 of 2)

Tasks	Applicable Data Items	Coordination	Milestone Schedule
4. Assure that contractually required data supporting ILS program are provided as input to ILS MIS.	1. All data for which MNL is designated technical office.	See task 2	See Task 2
	2. Logistic test and documentation records	T&E Project Officer and respective element LEMs	
	3. Program schedule	PEOs, POs, MNP	
	4. Cost control documentation	LSRF-LEM	
	5. Configuration management data	TD (Engr) - LEM	
	6. Operational readiness support status	ILSMT members	
	7. Supply management effectiveness reports	SS-LEM	
5. Manage development, implementation, and operation of the Management Information Center			Continuous activity
6. Provide inputs to logistic-related MX Program documentation	1. ILSP		As required
	2. ICBM master schedules		
	3. Program assessment review	All Program Office organizations	
	4. Selected acquisition report		
	5. System manager program report		
	6. Program management plan		
	7. Advance procurement plan		

Milestone Schedule column headings: RFP Release, Contract Award, SDR, PDR, CDR, FCA, T&E, Production Release

APPENDIXES

APPENDIX A

MISSILE-X PROGRAM
LOGISTIC ELEMENT MANAGER DIRECTORY
Col. L. E. Eklund, DPML

Logistic Element	Manager	Code	Ext.	Room
Reliability Interface	Capt. T. M. Palmer	MNBR	5359	421
Maintainability Interface	Capt. A. D. Wadsworth	MNLE	4523	619
Nuclear Hardness and Survivability Interface	Capt. W. R. Jacobs	MNNH	7843	711
Maintenance Planning	Lt. Col. R. W. Ayars	MNLE	4523	619
Support Equipment	Lt. Col. B. W. Woolverton	MNNX	7005	138
Supply Support (Preoperational)	Mr. F. C. O'Connor	MNTD	6481	600
Supply Support (Operational)	Mr. J. A. Davidson	MNLM	5321	621
Transportation and Packaging	Mr. R. W. Riggs	MNTD	5474	600
Technical Data (Engineering)	Mr. L. E. Onstott	MNLM	5321	621
Technical Data (Technical Orders)	Maj. L. W. Cooper	MNTP	6684	609
Support Facilities	Mr. F. E. Longan	MNND	6891	408
Personnel and Training	Maj. L. W. Cooper	MNTP	6684	609
Logistic Support Resource Funds	Capt. H. B. Robbins	MNLA	5395	623
Logistic Support Management Information	Mr. J. L. Peterson	MNLA	5386	623

APPENDIX B
ACRONYMS AND ABBREVIATIONS

A&CO — Assembly and Checkout

ADP — Automatic Data Processing

AFALD — Air Force Acquisition Logistics Division

AFLC — Air Force Logistics Command

AFSC — Air Force Systems Command

AFTEC — Air Force Test and Evaluation Center

BTWS — Buried Trench Weapon System

C/A — Contract Award

CDR — Critical Design Review

CDRL — Contract Data Requirements List

CDRS — Contract Data Requirements Substantiation

CDSR — Cost Data Summary Report

CEI — Configuration End Item

CFSR — Contract Funds Status Report

CPR — Cost Performance Report

DPML — Deputy Program Manager for Logistics

DT&E — Development Test and Evaluation

FCA — Functional Configuration Audit

FCHR — Functional Cost Hour Report

FMA — Failure Mode Analysis

FSD — Full Scale Development

ICBM — Intercontinental Ballistic Missile

IOT&E — Initial Operational Test and Evaluation

ILS — Integrated Logistic Support

ILSMT — Integrated Logistic Support Management Team

ILSP — Integrated Logistic Support Plan

ISP — Integrated Support Plan

ITP — Integrated Test Plan

LEM — Logistic Element Manager

LSA	—	Logistic Support Analysis
LSAR	—	Logistic Support Analysis Record
MDR	—	Missile Design Review
MIC	—	Management Information Center
MIS	—	Management Information System
MPP	—	Maintainability Program Plan
MTBF	—	Mean Time Between Failures
MTTR	—	Mean Time to Repair
MX	—	Missile-X
OPR	—	Office of Primary Responsibility
OT&E	—	Operational Test and Evaluation
PCA	—	Physical Configuration Audit
PDR	—	Preliminary Design Review
PEO	—	Project Element Officer
PMP	—	Program Management Plan
PO	—	Project Officer
RPP	—	Reliability Program Plan
SAMSO	—	Space and Missile Systems Organization
SBWS	—	Shelter Based Weapon System
SDR	—	System Design Review
SOW	—	Statement of Work
SRA	—	System Requirements Analysis
T&E	—	Test and Evaluation
TI	—	Technical Interchange
TPA	—	Test Planning Analysis

APPENDIX C

SCHEDULE FOR LOGISTIC SUPPORT MANAGEMENT INFORMATION ELEMENT

Major Subsystem Milestones	Validation/ System Definition	Full Scale Development	Production/Deployment
	C/A P/O Prop. Updates Final MDR	SDR PDR CDR FCA Flight Tests	MAP Tests IOC

1. ISP/LSAP Reviews — Revisions as required

2. Develop Data Collection, Anal & Control Reqmnts.

3. Logistic Support Analysis

   LSA Data Reviews — Initial, Update, Update

   LSA Computer Summaries — Develop capability — Generate LSA summaries

4. ILS Management Info. Sys.

   ILSMT Meetings — (Semimonthly)

   ILS Planning — Prepare/Update Logistic Element Schedules and Status Displays

   ILS TI Meetings — As required

5. Logistic Support Cost — Coordinate LSC analysis activities

6. Collect/Disseminate ILS Verify, Demo, & Evaluation Data — Subsystem tests — Subsystem tests: AVE, SE, Pubs., etc.

7. Transition to Operational Data Collection/ Management Systems — Transition period

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