

## TABLE OF CONTENTS

	<u>Page</u>
1.1 INTRODUCTION .....	1-1
1.2 POLICY .....	1-1
1.3 PROGRAM MANAGEMENT .....	1-1
1.4 PROGRAM OBJECTIVES .....	1-1
1.5 PROGRAM STRUCTURE .....	1-2
1.6 DEFINITIONS .....	1-3
1.7 PROGRAM OPERATION .....	1-3
1.8 WHAT'S IN GIDEP? .....	1-4
1.9 COMMUNICATIONS .....	1-5
1.10 DISTRIBUTION .....	1-5
1.11 DISTRIBUTION POLICY .....	1-6
1.12 NEED HELP? .....	1-7



## **CHAPTER 1 PROGRAM DESCRIPTION**

### **1.1 INTRODUCTION**

The Government-Industry Data Exchange Program (GIDEP) is a cooperative effort to exchange research, development, design, testing, acquisition and logistics information among government and industry participants. GIDEP seeks to reduce or eliminate expenditures of time and money and to improve the total quality and reliability of systems and components during the acquisition and logistics phases of the life cycle.

### **1.2 POLICY**

It is the policy of the Department of Defense, Joint Logistics Commanders and supporting Government Agencies that their respective organizations, contractors, subcontractors and vendors supporting government acquisitions involving research, development, design, test, acquisition, standardization, logistics and maintenance parts for components, systems, subsystems, and facilities, will fully participate in the exchange of information through GIDEP. The objective of GIDEP is to improve the availability of information for the total quality management of mission critical materiel. This goal includes improving reliability, maintainability and cost of ownership while reducing or eliminating the use of critical national resources for redundant testing and avoiding use of known problem or discontinued parts and materials.

It is the policy of the Office of Management and Budget that each agency shall setup a nonconforming parts program and use GIDEP as the central database for receiving and disseminating information about such products (OMB Letter 91-03).

### **1.3 PROGRAM MANAGEMENT**

The Government-Industry Data Exchange Program is established under the Assistant Secretary of Navy (Research, Development and Acquisition) Product Integrity. The GIDEP Program Manager is chartered by the Joint Logistics Commanders to provide executive management of GIDEP to meet program objectives.

### **1.4 PROGRAM OBJECTIVES**

The objectives of GIDEP are:

- a. Reduce or eliminate expenditure of funds for duplicative testing of identical parts and components used in systems and subsystems.
- b. Improve systems reliability, maintainability and quality.
- c. Eliminate actual or potential problems with nonconforming parts, components, materials, manufacturing processes, testing and items of supply by exchanging failure data.

- d. Provide an on-line network to facilitate rapid communications among scientific and technical personnel working on government programs.
- e. Provide a centralized database for Diminishing Manufacturing Sources and Material Shortages (DMSMS) information and alternate sources of supply.
- f. Provide a centralized database for test information on parts, components, materials, systems and subsystems for reliability, maintainability, safety , human factors engineering and related environmental factors.
- g. Exchange metrology information including calibration procedures and technical manuals for test and measurement equipment. This database includes related National Institute of Standards and Technology (NIST) documents.
- h. Provide a centralized database for exchange of reliability and maintainability statistical data. This data includes failure rate, failure mode and replacement rate data to assist in the planning, design and testing of parts, components and systems to satisfy reliability, maintainability and logistics requirements. Methodology reports are also available through this data area.

## 1.5 MANAGEMENT

The Program Manager's Charter authorizes the Program Manager to establish and maintain the following organizational structure:

- a. The Program Manager. is responsible for exercising executive authority over the planning, direction and operation of GIDEP. The Program Manager's office is located in the Office of the Assistant Secretary of Navy (Research, Development and Acquisition) Acquisition OASN (RDA) ACQ 1000 NAVY PENTAGON, RM. BF992, WASHINGTON, DC 20350-1000; USA
- b. The Program Director. is responsible for the day to day operation of the Program, as directed by the Program Manager, to ensure that all facets of the Program are diligently and effectively executed. The Program Director's office is located at the GIDEP Operations Center, Naval Surface Warfare Center, Corona Division, Corona, California 92878-5000.
- c. The Government Advisory Group is composed of representatives appointed from the participating Government agencies. The Government Advisory Group, which functions in a consultative capacity to the Program Manager, recommends policy and information requirements for their respective agencies. Government agencies are invited to appoint a GIDEP Representative to this group. Copies of the GIDEP Government Advisory Group's charter are provided to government participants.
- d. The Industry Advisory Group is composed of fifteen industry members elected at large by the industry representatives. Industry representatives must have the support of their management to attend at least two scheduled management and committee meetings per year, as required. The Program Manager may appoint special representatives

representing special interests to participate on Integrate Product Teams. Copies of the GIDEP Industry Advisory Group's charter are provided to industry participants.

- e. The GIDEP Operations Center performs the day-to-day functions of GIDEP as directed by the Program Director. The Operations Centers develops administrative and operational procedures, implements and maintains the GIDEP Operations Manual. They also process and automate data, perform imaging to optical disk, and distribute documents electronically and on CD-ROM. The GIDEP Operations Center is located at the Naval Surface Warfare Center, Corona Division, Corona, California 92878-5000.

## **1.6 DEFINITIONS**

- a. GIDEP Participant. Any government activity or industrial company which contracts for supplies or services; any industrial organization which supplies items and services to the government; and can use the types of information exchanged through GIDEP. Participation requirements are provided in Chapter 2 of the GIDEP Operations Manual.
- b. GIDEP Representative. A person appointed by their organization to represent them. The representative is responsible for ensuring appropriate documents generated by their organization are submitted to GIDEP; for coordinating and obtaining user authorization to access the database; and for coordinating and submitting annual utilization reports. Utilization reporting requirements and procedures are provided in Chapter 5 of the GIDEP Operations Manual.
- c. GIDEP User. A person within a participating organization who is authorized by the GIDEP Operations Center to electronically access the GIDEP database. The GIDEP user is responsible for providing the GIDEP Representative utilization data as documents are accessed and used.
- d. GIDEP Operations Manual. A manual that contains the operating procedures necessary for the smooth operation of the Program and defines the types of information exchanged through GIDEP. The Manual describes the types of documents which should be submitted; procedures for generating failure experience reports and diminishing manufacturing sources and material shortages (discontinued items)(DMSMS Notices) reports; and ideas to enable the GIDEP Representative to effectively implement the Program within their organization.
- e. Data. Any report, document, test report, specification, process, procedure, destructive physical analysis (dpa), failure experience or discontinued item report related to parts, components, materials, processes or procedures which are authorized for distribution by the GIDEP data system.

## **1.7 PROGRAM OPERATION**

- a. Documents and Data. As documents and data are generated by government and industry organizations incidental to on-going tasks or to meet contractual data requirements of contracts and copies of documents which meet the criteria of the GIDEP Operations Manual should be forwarded to GIDEP for inclusion in the database. Except for failure experience data, (ALERTs, SAFE-ALERTs, Problem Advisories, Agency Action Notices, DMSMS Notices and Product Change Notices) documents are not required to be generated or formatted specifically for GIDEP.



- b. Funding. Funding for GIDEP, which is centrally managed by the GIDEP Program Manager, is provided by DoD services and Federal government agencies. The data exchanged by GIDEP is used by participating members to reduce costs and eliminate duplicate testing, redesign, laboratory analysis and purchase of nonconforming items, as well as, eliminating procurement of the same information.
- c. Data Utilization. The GIDEP Representative's responsibility is to ensure that all departments and persons, who may have a need for GIDEP information, have electronic access to the database. The Representative is responsible for obtaining computer passwords for identified users and for controlling the passwords within their organization. GIDEP Representatives may request as many passwords for users in their organizations as is necessary. All authorized users are encouraged to search and utilize information from the GIDEP database.
- d. Utilization Reporting. Once documents are selected, which lead to successful completion of a task or resolution of a problem, the Representative requests the GIDEP User to complete a GIDEP Annual Utilization Report form. These forms are consolidated into the GIDEP Utilization Report or entered into the electronic GIDEP reporting database (Chapter 5, GIDEP Operations Manual). Complete reports are required to be provided to the GIDEP Operations Center for the Program Manager's Annual Utilization Report. This report is vital for sustaining and expanding GIDEP service
- e. Program Manager's Report. Once a year the Program Manager reports the progress and effectiveness of the Program to the Joint Logistics Commanders, the Secretary of Defense, the Assistant Secretaries of Defense and Supporting Government Agencies. At the same time recommended long range plans and funding are submitted for approval. Recommendation for improving and expanding the Program are coordinated with the sponsoring Government Agencies and Departments.

## 1.8 WHAT'S IN GIDEP

The GIDEP database contains five major data areas. These data are accessible through a series of menus. Desired documents are downloaded electronically to the users personal computer (PC). Indexes to specific major data are maintained on-line for downloading by the GIDEP Users. New data products are continually being assessed and may be made available based on the Data Committees analysis and recommendations. The following major types of data are available from GIDEP:

- a. Engineering Data (ED). Information in Engineering data covers a broad range of technical reports related to parts, components, materials, processes, systems and subsystems applicable to all the engineering and technical disciplines. Included are reports on construction, civil engineering, electrical/electronic engineering, computer software nuclear engineering, etc. Many of the reports cover management subjects such as GIDEP Utilization, cost estimating and cost studies, and plant management. Nonstandard parts information and nondevelopmental items are covered. The test reports on parts, materials, components and subsystems are a valuable resource which may prevent duplicative testing. Soldering technology, best manufacturing practices and value engineering reports are also contained in this data area.

- b. Product Information Data (PID). The Product Information data includes the DMSMS Notices, Product Change Notices (PCN), and Product Information Notices (PIN). This data is maintained in an on-line database. The new database provides improved tools to assist industry and government activities in resolving DMSMS issues. It provides an on-line, near real time capability to distribute DMS information which helps build a foundation for federal agencies to quickly solicit and compile long term requirements for potential solutions to DMS issues. DoD has established GIDEP as the government's centralized database for managing DMSMS information and sharing the information among DoD and industry groups.
- c. Failure Experience Data (FED). Failure Experience data includes the nationally known ALERTs, SAFE-ALERTs, Problem Advisories and Agency Action Notices. Early notification of impending problems are provided via the Failure Experience electronic bulletin board which is updated daily. The complete text of the documents may be printed out from the database and exact images of the documents may be downloaded in image format, as required.
- d. Reliability-Maintainability Data (RMD). The Reliability-Maintainability data contains failure rate (reciprocal of MTBF), failure mode, replacement rate, and mean-time-to-repair data on parts, components and subsystems. Reliability, maintainability and logistics engineers find the methodology information invaluable when developing new RAM programs, and for reliability and maintainability predictions during the development of new systems. Failure analysis reports are also included in the FED.
- e. Metrology Data (MD). Calibration procedures and technical manuals for test and measurement equipment constitute the major portion of this data. Information may also be found on the design and operation of metrology laboratories. National Institute for Standards and Technology calibration and measurement documents appropriate for GIDEP are also included. Engineering and scientific reports are contained in the engineering data.

## 1.9 COMMUNICATIONS

GIDEP provides a number of unique services which permit the participants to communicate with other participants including the GIDEP Operations Center.

Urgent Data Request. One valuable resource is the Urgent Data Request (UDR) which allows the participant to request information which cannot be found in GIDEP or from other information resource within their organization. UDRs are distributed in accordance with Chapter 10, Urgent Data Requests, GIDEP Operations Manual.

Roster of Representatives. Another valuable communications medium is direct phone calls with other GIDEP Representatives and Users. In order to facilitate communication the GIDEP Roster is maintained on-line. Participants are encouraged to contact other GIDEP Representatives directly to discuss problems and information of mutual concern. Frequently such discussions of problems may provide innovative solutions which otherwise may take significant resources to resolve.



E-Mail. GIDEP also provides an electronic mail (E-Mail) service. Participants may contact each other or the Operations Center using their computers. Facimile. Finally the FAX number of each participant and GIDEP Manufacturer's Parts Coordinator is included in the GIDEP Roster of Representatives, if furnished by the participant, for those wishing to communicate by facsimile. Our FAX number is (909) 273-4677.

### **1.10 DISTRIBUTION**

Documents and reports submitted to GIDEP are distributed electronically using the electronic information system. Selected documents are being reissued entered into the GIDEP database. The older products are no longer distributed but may be obtained upon request. The older documents, issued prior to 1993, which are archived on the microform, include:

- Engineering Data 16mm microfilm (blue)
- Reliability/Maintainability Data 16 mm microfilm (red)
- Metrology Data 105mm microfiche (gold)
- Soldering Technology Library 105mm microfiche

Copies of documents archived on microform can be loaned to the participant to make a copy. The participant must return the microform after copying is completed. The participant is responsible for any reproduction costs.

### **1.11 DISTRIBUTION POLICY**

Information distributed by GIDEP may contain technical data whose export is restricted by Arms Export Act (Title 22, USC Sec. 2751 Et Seq) or Executive Order 12470. GIDEP information is provided to GIDEP participants and users on a privileged basis for dissemination and utilization within their organizations. Distribution is not authorized outside of the participant's organization. All materials distributed by GIDEP are government furnished materials (GFM) and must be controlled as such. Current materials must be returned to the GIDEP Operations Center, P. O. Box 8000, Corona, CA, 92878-8000 upon request. A current list of materials is available from the GIDEP Operations Center.

GIDEP materials or documents may not be released to the news media, in whole or in part, without the approval of the GIDEP Program Manager and the submitting organization. GIDEP materials or documents may not be released to governments, organizations or corporations outside the United States of America and Canada except in accordance with a Memorandum of Understanding/Agreement approved by the supporting agency, the U. S. Department of State, the Department of Defense and the GIDEP Program Manager.

GIDEP participants use the documents and information distributed by GIDEP, exercising prudent judgment as to the accuracy of the data, statements, diagrams and conclusions. GIDEP does not verify the accuracy or applicability of the information, nor does the Program Office in any way assume any liability for the accuracy or timeliness of the information. The timeliness of the information is dependant on the submitter providing information as soon they get it. GIDEP Representatives are encouraged to contact the submitter of the information if they are concerned with its applicability, accuracy of the contents, statements or conclusions drawn in the document

or, to determine if there may be unstated conditions or assumptions made during the preparation of the document.

Distribution beyond participant's organization must comply with GIDEP's Distribution policy or be approved by the originator of the data.

### **1.12 NEED HELP?**

If you are a new Representative, or you encounter a problem, or you are not sure how to utilize the GIDEP information to your organization's best advantage, there are several sources of help near at hand.

Yearly, the GIDEP Operations Center conducts a Clinic to provide detailed training for new representatives. Each organization is urged to send their newly appointed representative to the next GIDEP Clinic, which is held at the Naval Surface Warfare Center, Corona Division, 2300 Fifth St., Norco CA 92860. Contact the GIDEP Operations Center for a schedule.

Another source of help is a veteran GIDEP Representative located near you. Representatives who have an active program can provide you with details and guidance about how to set up a viable program in your facility. You can find the names of local representatives in the online GIDEP Roster of Representatives, which can be accessed electronically. Also the Participant Support Group at the GIDEP Operations Center will help you get started.

Local area GIDEP Representative Outreach Workshops (GROW) meetings provide an excellent opportunity to meet with other GIDEP Representatives and exchange ideas about the exchange and utilization of GIDEP information. A schedule of GROW meetings are maintained on the GIDEP web site. If one has not been scheduled in your area, and your organization would be willing to sponsor one, contact the GIDEP Operations Center for assistance.

Annually, GIDEP conducts a Workshop in conjunction with the Industry Advisory Group. The workshop is primarily designed to allow experienced GIDEP representatives the opportunity to discuss implementation of GIDEP within their organization, problems they have utilizing information and to present their views on policies which need to be instituted or changed.

Finally the Participant Support Group at the GIDEP Operations Center is always available to assist the GIDEP Representatives with problems, questions or concerns. You are encouraged to call the Operations Center whenever you need help. Please call the person shown in the GIDEP Roster of Representatives for help in the area which you having difficulty.

### **GIDEP OPERATIONS CENTER**

P. O. Box 8000

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Phone: (909) 273-4677

or

DSN 933-4677