Government-Industry Data Exchange Program

GIDEP

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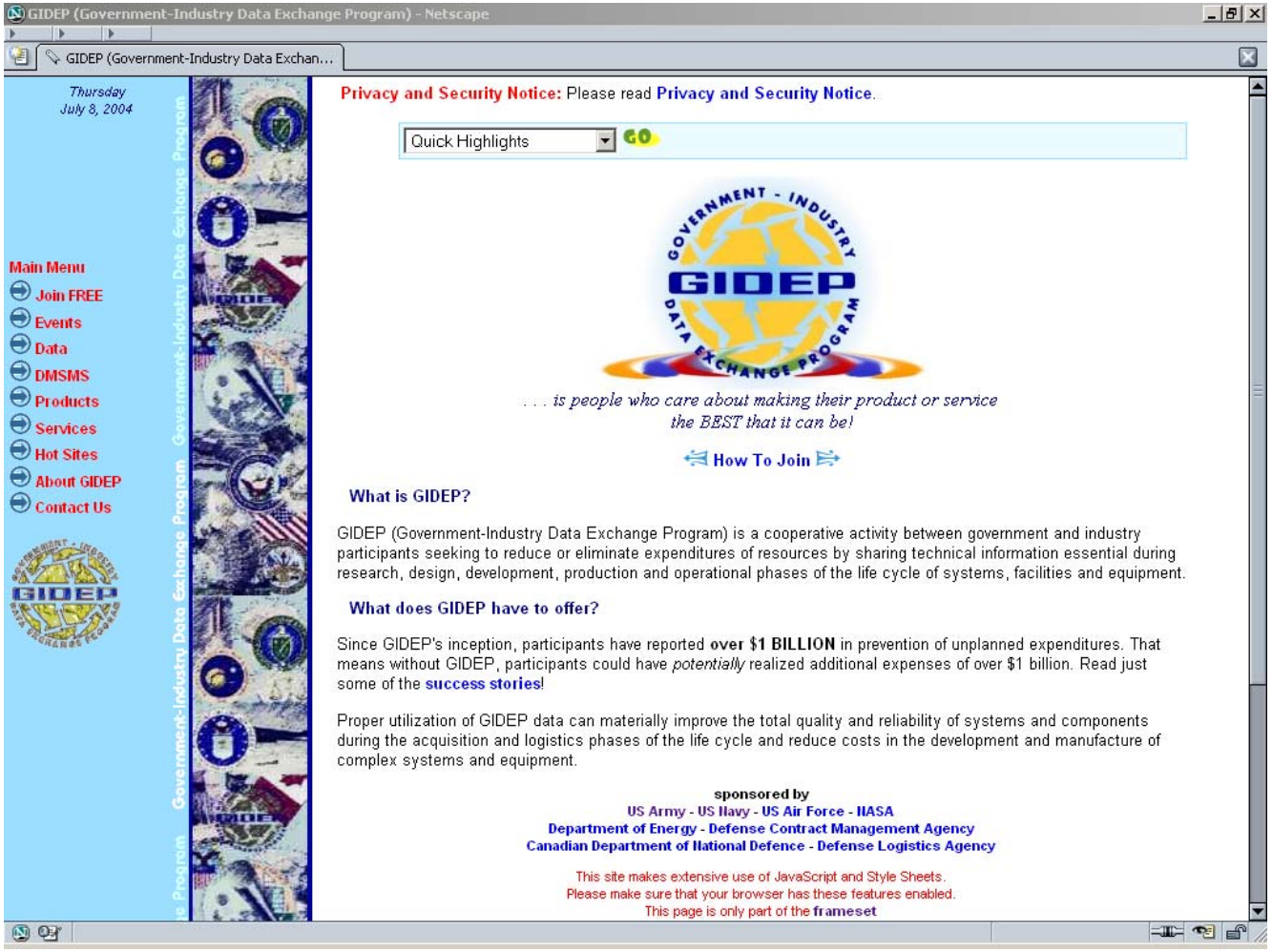
GIDEP Mission Statement

- **"The mission of the Government-Industry Data Exchange Program is to support government systems readiness, productivity and cost reduction through timely retrieval, storage and distribution of data among government and industry organizations."**
  - **Charter statement by the Department of Defense Joint Logistics Commanders**

GIDEP Sponsoring Agencies

- US Army
- US Navy
- US Air Force
- **NASA**
- Department of Energy
- Defense Contract Management Agency
- Canadian Department of National Defence
- Defense Logistics Agency

http://www.gidep.org



GIDEP Alert Types

- **Alerts; A GIDEP document that reports a problem with parts, components, materials, specifications, software, manufacturing processes, or test equipment that can cause a functional failure.**
- **Safe-Alert: A GIDEP document that reports a non-conforming item, product or situation that creates a safety hazard for personnel or equipment.**
- **Agency Action Notice: A GIDEP document that redistributes problem information issued by a Government Agency to GIDEP participants.**

Failure Experience Data (FED)

- Objective failure information as a result of ALERTs, SAFE-ALERTs, Problem Advisories, and Agency Action Notices which notify users of nonconforming parts, components, chemicals, processes, and materials, and of safety and hazardous situations.
- This is where information of counterfeit parts can be found.

Metrology Data

- Consists of calibration procedures and technical manuals for various types of electronic/mechanical equipment. Calibration procedures provide instructions and information that enable calibration personnel to verify that instrument being calibrated is within prescribed tolerances. Technical manuals provide detailed maintenance, and/or repair/operating instructions.

Data on Diminishing Manufacturing Sources & Material Shortages (DMSMS)

- **Manufacturer data that provides occurrences of product and or product line discontinuances.**

Engineering Reports:

- Technical reports on research materials, quality assessment, engineering test, evaluation and qualification test, parts and materials specifications, manufacturing, design, process controls, solder-ability data, and other related engineering data on parts, components, materials, and processes.

Reliability-Maintainability Reports

- Failure rate, failure mode, and replacement rate data on parts, components, and subsystems based upon field performance and demonstration tests of equipment, subsystems, and systems.
- Reliability and maintainability theories, methodologies, techniques, practices, and procedures such as prediction techniques, f ailure m odes and e ffects analyses, mathematical models, and reliability growth plans.

Urgent Data Requests (UDRs)

- **allow GIDEP participants to query information from the GIDEP Community. UDRs are often used to locate surplus parts that have been discontinued or locate parts that are critically needed for a given project. In addition, UDRs are used to solicit information such as failure data on EEE and mechanical parts.**

Product Change & Product Information Notices

- provide respective data on product changes (i.e. datasheet, facility relocations) and product information (i.e. test data, Qualified Manufacturer List status, and package types).

Lessons Learned

- provide work experiences on a variety of subject matter. Sharing adverse experiences may help avoid recurrences.

Access to GIDEP Documents

Due to ITAR restrictions, you must be a US citizen in order to be granted database accessibility

Currently, GIDEP documents can be viewed either by:

1. **Registering as a GIDEP User in order to access the GIDEP database. See the Alert Coordinator for form.**
2. **Subscribing to the OSSMA GIDEP Alert/NASA Advisory distribution system. Contact the Alert Coordinator in order to be placed on email list.**

- **We are in the process of working out an alert sharing agreement with GIDEP/NASA/ESA/JAXA**

NASA Advisories

- **NASA Advisory: A NASA document for exchanging significant parts, materials, and safety problems or concerns among NASA activities**
  - **Used for NASA-specific and NASA-caused errors and lessons learned**
  - **Or when a GIDEP is not possible or practical**
  - **Or to address spaceflight specific implications of others' experiences**

Know Your Part

Outreach

KNOW YOUR PART
GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (GIDEP)
KNOW YOUR PART

GIDEP

- **http://gidep.nasa.gov/**