### NASA PARTS PROGRAM OFFICE RESPONSIBILITIES

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#### NASA PARTS PROGRAM OFFICE RESPONSIBILITIES

- DESIGNATED AS LEAD CENTER OFFICE FOR ELECTRICAL, ELECTRONIC, AND ELECTROMECHANICAL PARTS STANDARDIZATION
- PROGRAM FUNDING FROM NASA HEADQUARTERS OFFICE OF SAFETY AND MISSION ASSURANCE, CODE Q
- LEAD CENTER RESPONSIBILITIES DEFINED THROUGH A NASA MANAGEMENT INSTRUCTION

#### NASA PARTS PROJECT OFFICE RESPONSIBILITIES

- NMI 5320.6B REQUIREMENTS:
  - ESTABLISH AND ENSURE COMPLIANCE FOR EEE PARTS TECHNICAL REQUIREMENTS
  - OBTAIN CENTER PARTS USAGE DATA
  - DEVELOP AND SUPPORT THE EEE PARTS INFORMATION MANAGEMENT SYSTEM
  - ESTABLISH GROUNDRULES FOR STANDARD PART SELECTIONS
  - EVALUATE AND COORDINATE GOVERNMENT AND MILITARY SPECIFICATIONS, STANDARDS, AND HANDBOOKS
  - ESTABLISH STANDARD PART QUALIFICATION REQUIREMENTS, PERFORM MANUFACTURER AUDITS AND SURVEYS, LEVERAGE OFF QPL AND QML ACTIVITIES
  - UPDATE AND MAINTAIN STANDARD PART DOCUMENTS (MIL-STD-975, MIL-HDBK-978, ETC...)
  - DEVELOP TEST AND ANALYSIS REQUIREMENTS, PERFORM PRODUCT EVALUATIONS, DISSEMINATE TEST RESULTS AND REPORTS TO CENTERS, PARTICIPATE IN THE GIDEP PROGRAM

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## Development Priorities Identified by the NASA Parts Steering Committee

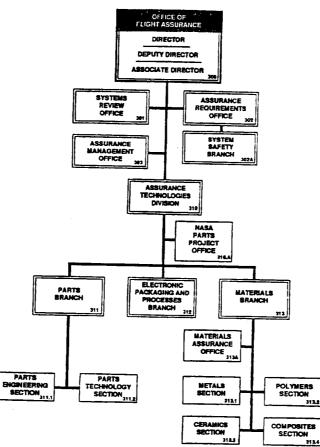
- GIDEP
  - NASA Internal problem rating and status notification system for projects
  - closed-loop system
  - remote notification of impacts to contractors, PI's
- MIL-STD-975
  - complete version with notes, etc.
  - grandfathered versions
  - part selection by attributes
  - nomination of parts; status of candidate parts
- NASA Advisories
  - link to project problem reporting system
- Project Parts Lists
  - enhanced reports
  - direct capture from CAD applications
- Derating Criteria
- derating calculation
- Manufacturer Surveys/Audits
- Radiation Data
- Parts Library specification information, selection of parts by parameters

# Development Priorities Identified by the NASA Parts Steering Committee (continued)

- Parts Selection Lists
- NASA In-House Parts Inventory
- NSPAR's
- Part Specifications
- Reliability Data
- MIL-HDBK-978
- FA's, DPA's, & Evaluations input function for NASA centers
- Additional reporting capabilities (all functions and applications)
- Functions to download and export data to PC client
- Contractor node implementations
- Technical Documents
- Technical News

# **Candidate Functions for EPIMS baseline**

- GIDEP FEDI and NASA Advisories
- CAGE Directory
- FSC Directory
- User Directory
- Project Parts Lists
- Alert/Advisory Impact Cross-Reference
- MIL-STD-975
- Parts Lists Comparison
- NSPAR's
- Manufacturer Surveys/Audits
- Parts News and Technical Document Archives
- FA/DPA/Evaluation Reports



#### NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER