Logistics Product Data (LPD)
A Virtual Three-Day Course

Course Overview: An intensive, hands-on course of instruction, not an overview, but a nuts-and-bolts marathon. This is a fast-paced course of instruction. It is assumed that attendees have prior knowledge of the Product Support Analysis (PSA)/Logistics Support Analysis (LSA) process and some background in logistics programs. The course is a very detailed presentation of every LPD Data Entity, Data Element (DED) and LPD Summary Report. At the completion of this course, students will have a real, usable understanding of the LPD, how it is created, and how it should be used. This will provide invaluable experience to be applied immediately. It is gained knowledge that students cannot afford to miss.

Course Outline:

Lesson 1: The Product Support Analysis Program

- Overview of the Product Support Analysis process -TA STD 0017A
- Introduction to the Logistics Product Data - GEIA STD 0007C
- Overview of the LPD data entities
- Discussion of data elements and data codes
- Starting the Process - Input Requirements
- Analyzing the design
- Use Study /Application Assessment
- LSA Control Number development
- LSA Candidate List preparation

Lesson 2: Creation of the LPD

An in-depth excursion through every LPD data entity which discusses how each data element requirement may be satisfied, where the information originates, how to arbitrate the correct responses and linking the final answers to the analysis process.

- Establishing a Project Neutral Data Library
- Establishing a document library
- Setting up the Project within the LPD
- Understanding the document linking library
- Preparation of PSA requirements data
- Preparation of PSA R&M data
- Preparation of PSA maintenance data
- Preparation of PSA support equipment data

- Preparation of PSA UUT data
- Preparation of PSA facilities requirements data
- Preparation of PSA skills requirements data
- Preparation of PSA resource requirements data
- Preparation of PSA safety and hazardous materials data
- Preparation of PSA provisioning data
- Preparation of PSA personnel data
- Preparation of PSA transportability data

Lesson 3: LPD Summary Reports

Detailed discussion of the LPD Summary Report process concentrating on the purpose and intent of each individual report and identification of uses of the information derived. Every report contained in TA HB 0007-1A is discussed in detail to determine the logic of the report, the data elements required to produce the report and its applicability to specific situations.

- Discussion of every summary report
   - Key Data Elements required to produce the report
   - Discretionary Data Elements that enhance the information
   - Optional Data that may be useful
- When and why to use each report
   - When a report should be used
   - Purpose of the report
   - Final or Work-In-Progress Report
- Using Reports
   - Improving system design
   - Quantifying Through Life Support requirements
   - Quantifying PBL liabilities
   - Determining Physical Logistics Packages

Lesson 4: Extending the LPD

- ASD Specification 1000D
- ASD Specification 2000M
- ASD Specification 3000L
- ASD Specification 4000P
- ASD Specification 5000F
- ASD Specification 6000T

Lesson 5: Business issues of the LPD

- LPD Software
- Tailoring the LPD
- LPD Data Selection Criteria
- LPD Data Applicability Tailoring
- Preparation of an LPD Style Guide

Lesson 6:   LPD Implementation for Product Support Analysis

- Creating and Maintaining a Neutral Data Library
  - Mandatory Data Elements
  - Discretionary Data Elements
  - Avoiding Useless Data
- Recording the Analysis Process
  - Systems Engineering inputs
  - Setting and Measuring Expectations
  - Maintenance Engineering Analysis
  - Resource Projections and Confirmations
  - Operational Resources Planning
- Linking to Configuration Status Accounting
  - Selection Criteria
  - Optional Features
  - Multiple generations
- Linking to Asset Management
  - Service Planning
  - Maintenance Data Collection
  - Resource Allocation and Forecasting
  - Budgeting for Actuals
- Linking to Obsolescence Management
  - DMSMS
  - Problem Identification and Resolution
  - Corporate Solutions for Project Problems
- Using the LPD for Supportability Assessment
  - Design and Program Reviews
  - Maintenance Task Validation
  - Maintainability Demonstration
  - Post Fielding Analysis
  - In-Service Assessment

- Using the LPD for Operational Mission Planning

Logistics Management Associates
3010 Heather Green Blvd
LaGrange, Kentucky 40031
+1.949.954.4488 (F)+1.9492403002
www.log-mgmt.com

Lesson 7:   Conclusion

- Examples of Successful Implementation
- Future Possibilities

Virtual Presentation 0900-1700 EDT (NY/DC)

Course Fee: US$995

Register at: conference@log-mgmt.com