Parts Management Plan Builder
29 April 2008
Agenda

- Overview
- Questions
What is SYSPARS?

A expert system for:

- Preparing program planning documents
- Updating program plans
- Evaluating programs
- Making decisions (Decision Tree)
- Obtaining guidance (Links to AR, REG, i.e.)
- Enforcing Planning Process
Why SYSPARS?

“A Brief History”

1984 GAO Study
“... [the Army has the best ILS policy, but the worst execution.] ...”

Now
• SYSPARS continues to be enhanced to accommodate the latest regulations, policy and procedures that exist in the area of ILS planning.
• DOCSHELL leverages the latest software application technologies. (e.g. Java)

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How does it work?

**SYSPARS Integrated Documents**

- Acquisition Strategy
- Supportability Strategy
- PBL Strategy
- Materiel Fielding Plan
- Provisioning Plan
- Performance Based Agreement
- ILS Statement of Work
- Transportability Report
- Simulation Support Plan (SSP)
- Life Cycle Schedule
- Warranty Advisor
- Diminishing Manufacturing and Material Shortages (MSMS) Management Plan
- Systems Engineering Plan (SEP)

**Latest Policy**

- Training Information
- Lessons Learned
- Expert Knowledge/Experience
Life Cycle

LOGPARS in the Life Cycle

Logistics Supportability Planning

- Concept Refinement
- Technology Development
- System Development & Demonstration
- Production & Deployment
- Operations & Support

A
B
C

Ensure Supportability Considerations
ILS Planning/Analyzing Alternatives
Logistics System Development
Evaluate Post Production Support
Metrics Tracking - Recapitalization

LOGPARS Provides:
- Acquisition Strategy (AS)
- Supportability Strategy (SS)
- Performance Based Logistics Strategy

LOGPARS Provides:
- Life Cycle Schedule
- Provisioning Plan

LOGPARS Provides:
- AS Update
- Performance Based Agreement
- Materiel Fielding Plan (MFP)
- Provisioning Plan Update

LOGPARS Provides:
- MFP Update
- AS Update
- PBA Update
- Provisioning Plan Update

LOGPARS Provides:
- DMSMS Plan
- SS Update
- PBA Update
- Provisioning Plan Update

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When to use SYSPARS

- In a perfect world
  - Requirements
  - Planning
  - Development
  - Update Plans

- Reality
  - Wherever you are in your program
  - As soon as possible

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Features

- Alternative document authoring process
  - Provides a “ground-up” approach to authoring planning documents as opposed to a “Copy-Paste” approach.
- Simple navigation based on document outline
- Flexible interview-style question types
- Supports multi-user/team efforts
- Automatic data sharing
- Continuous consistency checks
- Reviewer commenting capability
- Ensures an Expert planning process
Who’s using it?

- Over 1509 Registered Users
  - Integrated Logistics Support Managers
  - Project/Program/Product Managers
  - Integrated Product Team Members
  - Matrix Support Managers
  - Support Contractors
  - Etc.
Current Adaptations

- SYSPARS - Army (Over 600), Navy (320), Air Force (144), Marine Corps (73), Contractors (655)
- Non Supported Versions- Navy, Air Force, Marine Corps
- Integrated Logistics Assessment Tool - Navy
- Supportability Engineering Planning Tool - NASA
- Environmental Impact of Water Projects - Department of Agriculture
SYSPARS Benefits

- Reduced time to prepare plans
- High quality planning decisions and documents
- Tailored for individual program strategies
- Supports electronic staffing and review
- Training tool (DAU and on-the-job)
- Minimizes costly requirements omission/duplication
- Easy to expand, enhance, & update the Knowledge Base
SYSPARS SCREENS

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SYSPARS SCREEN

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SYSPARS SCREEN

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There are five outline section status symbols. Three of them are visible in the above image. All of the section status symbols are described below:

- **Complete** - Indicates that the section has been constructed and all information required for that section has been input. (e.g. Agenda above)
- **Modified** - Indicates that the section has been impacted or "modified" based on input to another section or document. This is a direct result of the "expert system" preventing inconsistencies in the generated documents. (e.g. 1 Purpose above) Modified sections should be re-constructed to produce a completed section.
- **Partial** - Indicates that the section is partially complete. In other words, some information required in the section is incomplete. This section status results from not answering questions (leaving them blank) while constructing a document section. (i.e. 3 Required Actions above)
- **Comment** - Indicates that the section has a comment associated with it. Comments are entered by clicking on the section and choosing View Comment from the Operations menu.
- **Locked** - Indicates that the section is currently locked by another user. Sections are locked as a result of section construction, and are unlocked again when construction is completed.
The Roadmap
(Parts Management Plan)

• History

- Research and Development - (Jan - April 2007)
- Sent to Working Group - (April 2007)
- Battle Creek/ overview session - (July 2007)
- Parts Standardization & Management Committee (April 2008)
The Roadmap
(Parts Management Plan)

- **Milestones**
  - Alfa Test -- April 07
  - Alfa Test Comments Due - none
  - Beta Test -- ?
  - Beta Test End - ?
  - Release Software - Oct 2008???
Questions ? Maybe Answers . . .

https://www.logsa.army.mil/lec/site-moved.cfm
SYSPARS/JDOCSHELL

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