

NDIA LOMC

Logistics & Sustainment
Human Capital Initiative
Status Report
20 July 2007

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Ground Rules

1. Deal with the entire community
 1. DOD Military
 2. DOD Civilian
 3. Industry
2. Start with Profiling the professional communities in parallel with defining the “Logistician of the Future”
3. Re-use what’s already been done through use of the DAU KM portal; and post the teams’ work
4. Try to develop core profiles that are tailorable to satisfy (1) above but augmented to fit each category
5. Report out profile work at next annual log conference
6. Next step is to develop detail job series descriptions
7. Then work on holistic career development roadmaps to provide consistent levels of skills and knowledge's and mobility amongst the three groups
8. Will take several years

Profile working groups that have been “Kicked-off”

Logistician of the Future: Tony Myers-Burton (leader), Dale Cottongim, Joe Grosson, Al Banghart, Col Mark Akin, Basil Gray, Phil Fahringer, Paul Needham, John Scudi, Dan Proulx, Leigh Ackart

Kick-off Meeting: 3 July

Program Logistics- *Bill Kobren (Leader); Bruce Pieper, Robert Bodenschatz, Northrop Rep pending*

Kick-off Meeting 9 July

Supply Chain Mgmt- *Irv Varkonyi (Leader); Harold Goldzung, Mike Scott, Linda Hurry, Leanne Viera*

Kick-off 29 June

Technical Management Support- *Joe Grosson (Leader); Sharon Gurke; Jay Cambias*

Kick-off: 10 July

Operational Logistics- *Barb Doornink (Leader); Yerry Kenneally, Frank Wickersham, Jeb Shapiro, Frank Crosson, APL Rep*

Kick-off: 9 July

Profile Working Groups Pending Kick-off

**Maintenance Support- NEED Leader Assigned; Jim Emanhiser;
Bruce Pieper, Ron Treusdell
Kick-off Pending assignment of leader**

**Logistics Management Information Systems: Pete Eltringham
(leader); Jay Erb, George Topic, Chuck Adams, Bulldog Frazier,
Todd Van Haaren
Kick-off Pending Pete's Availability**

Proposed Due Dates

- 1. Define Logistician of the Future (Holistic Perspective)~ 2020
(20 July initial; 17 August final))**
- 2. To the extent possible, validate current career field definitions, i.e. obtain and bench-mark current government & industry efforts
(17 August initial; 21 Sept final))**
- 3. Gap analysis between 1 & 2 (develop the roadmap for each group to build profiles)
(21 Sept initial)**
- 4. Build a profile of future logistician for each working group as previously defined
(16 Nov initial)**
- 5. Develop unified job codes, competencies and critical skills and specialty codes for:
- DOD civilian; DOD Military; Industry (TBD)**
- 6. Initial Report by Nov with SITREP in March NDIA Log Conference**

Illustration of Technical Management Support Profile

- Skills and knowledge's determination

Technical Management support

Reliability and maintainability analysis
Technical data management
Engineering Change Management
Configuration Status Accounting and Control

Maintainability Engineer

- Monitor Subcontractors Inter Functional
- Maintenance Concept
- Development Inter Functional Maintenance
- Allocations/Predictions Inter Functional
- Interpret drawings
- Interpret specifications
- Document results
- Availability Calculations Inter Functional
- Plans/Testing/Reports Inter Functional
 - Maintainability/BIT
 - Guidelines Inter Functional
 - Design Requirements
- Definition Inter Functional Hardware/ Software
- Interface req. Inter Functional
 - BIT Integration Testing Inter Functional
 - Math Model
 - Development Inter Functional
 - Circuit Testability
 - Analysis Inter Functional
 - Spec Generation and
- Flowdown Inter Functional
- Monitor Suppliers Inter Functional
- Dependency Modeling Inter Functional
- FMEA development Inter Functional

Reliability Engineer

Mathematical Model Development Inter Functional
System Architecture Development
Reliability Allocations Inter Functional
Reliability Theory
Reliability Predictions Inter Functional
Probability
Failure rate data sources
FRACAS: Failure analysis database
Inter Functional

- Develop database
- Document failures
- Interpret results

Spec Generation and Flowdown Inter Functional
Subcontractor monitoring Inter Functional
Reliability Growth planning & analysis Inter Functional

- Statistical knowledge
- Probability
- Reliability Theory
- Verification/Growth
- Testing Inter Functional

Environmental Test

- Reliability Theory
- Probability Theory
- Document results

Initial Spares

- Calculation Inter Functional
- Fault Tree Analysis Inter Functional
- Design for
- Supportability Input Inter Functional
- FMEA /FMECA Inter Functional
- Component Selection Inter Functional

Data Management

- Planning Cross Functional
- Proposal Requirements Analysis
- Proposal Preparation
- Proposal Negotiation
- Risk Analysis
- DM Plan Preparation
- Work Package Management
- Cost Account Management
- Process Improvements
- Management of Data
- Requirements Cross Functional
- Requirements Identification
- Requirements Scheduling
- Requirements Tracking
- Interface Management with Customer
- Interface Management with Data Owner
- Interface Management with Program Management
- Development of Data Products Cross Functional
- Data Identification (control numbers/
revisions/ contract information)
- Approval Process
- Release Process
- Data Delivery (e.g. CITIS)
- Data Access/ Protection/ and
Retention Cross Functional
- Distribution (Internal/External)
- Data Marking
- Vault Maintenance/Accessibility
- Archive Implementation/Maintenance

Engineering Release

- Documentation Management
- Cross Functional
 - Documentation Release
 - Reporting
 - Documentation Baseline
 - Management
- Documentation Security
- Configuration Management Cross
Functional
- Technical Data Identification
- Specification Baselining
- Product Baselining
- Requirements Status Accounting
- PDM Cross Functional
- PDM Tool
- Engineering Processes Cross
Functional
 - Release Process
 - Design Processes and
Support
 - Engineering Tools