The Challenges Ahead

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DMSMS

What are the options?
Is this your Weapon System?
Sustainment

- USMC LOGCOM has a vested interest
- Failure results in
  - Unfulfilled need
  - Down weapon systems
  - Lots of heat from the war fighter & HQ
  - Loss or injury
- Failure is not an option in today’s world
- Just knowing it’s obsolete is not a fix
Reactive Costs

10 Billion Dollars +

“B”

(Current DoD cost estimate per year)
Budget Future

- Current world Ops or Iraqi ramp down
  - Budgets will shrink
  - Performance requirements stretched
  - Life cycles pushed out

- DoD budget will become target again

- Will lose dollars, people and resources

- Gets harder before it gets easier

- Must work smarter NOW to ease future pain
TLCM & DMSMS

Weapon System Life Cycle

Cradle

Think DMSMS

Paradigm Shift

How is your budget doing this year?

Grave
USMC DMSMS Survey

- Self Assessment Survey on USMC Ground Equipment programs and practices Aug 05 to April 06
- Ensure decisions are fact based
- W. Edwards Deming – “People closest to the problem usually have the solution to the problem” so we interviewed them to learn from them.
- 3 Prong Approach
  - On Line Survey
  - Interviewed across all disciplines
  - On Site Instructor Led Training
- Available on the DKSP Web Site
Survey Objectives

- Determine current state of processes and capability ..... Including compliance with policy and directives
- Identify and quantify magnitude of DMSMS issues
- Recommend actions for implementing DMSMS policy, processes, and guidance in MARCORSYSCOM and MARCORLOGCOM
Survey Conclusions

- We have a long way to go and a short time to get there.
- Training is our number one issue and priority. “
- It’s a knowing problem and not a doing problem”.
- Need to institutionalize DMSMS in all facets of our Life Cycle Management Processes
Maintenance Centers
(Depots)

- Organic repair facilities are a vital asset to our national security
- Must remain competitive to survive
- DMSMS is a daily issue and are extremely aggressive in handling reactive DMSMS
- Depots must face DMSMS not only as we know it but Diminishing Technologies too
- Road ahead for depots is to learn to be more aggressive in the Pro-Active world.
- Directly impacts Cost, Schedule, and Quality performance standards
Shared Data Warehouse (SDW)

- Comprehensive DoD system
- Less time on research
- Allow more time on analysis, mitigation, and proactive activities
- ODR within the SDW will avoid duplication of efforts and save dollars
- Cross talk amongst the services vital
- Metrics Reporting Tool to support funding
RoHS - A new challenge

- RoHS is the new DMSMS Challenge
- Restriction on Hazardous Substances also know as directive 2002/95/EC
- Lead Free Solder in COTS June 06’
  - Whisker problem and no solution to date
  - More brittle & cracking in high vibration
  - Higher melting temp impacts repairs
- Undeveloped repair procedures
- Configuration uncontrolled
- New disposal regulations
DON Strategic Plan for DMSMS

- Determine the magnitude
- Develop a management process to track DMSMS cases and share resolution data
- Communicate DMSMS goals, promote policies and guidance
...But we can also do one more thing...
...We need to do a better job at being proactive...

...Which we can do if we follow the DON strategic plan...
Conclusions

- USMC has a long way to go
- Education, training, tools, processes, and management oversight are key
- Proper planning & tighter scrutiny during acquisition = huge benefits.
- Must measure it to fund it
- Continuous process improvement is imperative. Status Quo is too expensive
Thank You!