Relational Supply MILS to DLMS Migration Plan

DLMS FED IC 856S, Priority Group I, DOC ID AS1/AS2, AU1/AU2/AU3 and D6R
Agenda

• Development Approach
• Development Approach (Cont.)
• System Name, Business Function and Contact Information
• Transaction Flow Diagram
• Project Plan
• Questions
Development Approach

Due to the reduction in funds the approach is to create the database infrastructure to support current and future DLMS data elements. Although decomposition of all DLMS transactions for migration to RSsupply would be preferred, it would require a significant amount of analysis and design consuming the funds provided and time allotted to complete the effort.

For this development phase the 856S DLMS (DT/TS) specific data sets will be addressed.

Currently, an 856 and D6R are generated for all repair components shipped to a trading partner. After detail design is completed we may pursue development of the RSsupply applicable 527R transaction sets.
All major command projects are supported by a Project Management Office, Software Quality Assurance, Independent Verification and Validation (IV&V), Software Configuration Management (SCM), Information Assurance (IA) and systems. This project will consist of 13 support personnel. SSCN and its prime contractor are Capability Maturity Model (CMM) level III assessed organizations and use a Software Engineering Life Cycle (SELC) model and waterfall method for all development. The Microsoft Project tool and Earned Value Management (EVM) methodologies are used to track the triple constraints.
System Name, Business Functions and Contact Information

Relational Supply

Functions
• Inventory maintenance
• Onboard allowance maintenance
• Material procurement
• Receipt, custody, stowage, and issue
• Financials (NWCF, End-Use)

Afloat and Ashore
• Ships and Subs (all ship types; except MCM’s, MHC’s)
• NAS, MALS
• NSWC Dahlgren (ASP site)
• Schools, TYCOMs

Customers
• Sites 360
• Users 150,000+
  - Supply Officers
  - SK, Repair Parts Petty Officers
  - Department Heads, Division Officers

Point of Contacts:
RSupply Supervisor - Lou Borden, 757-443-0332, lourdes.borden1@navy.mil
Team Leader - Susan Bess, 757-443-0331, susan.bess@navy.mil
Requirements Lead - Joseph Melendez, 757-0341, joseph.melendez@navy.mil
DAAS Server  
(Windows platform loaded with WRQ Reflection SSH)  
OR  
(UNIX platform loaded with SSH Tectia)

Transfer Outgoing Status Data Files
(Upload initiated by R-SUPPLY using SFTP w/ SSH - Port 22)

R-SUPPLY Server  
(UNIX platform loaded with SSH Tectia)

Transfer Incoming Status Data Files
(Download initiated by R-SUPPLY) using SFTP w/ SSH – Port 22)

R-SUPPLY DATABASE

Incoming R-Supply Status Process

* Batch Update R-Supply database with data
* Query
* Update

Status Processing
* Referrals/LOGREP Processing
* Suspense Processing

Status Release Process

Outgoing Data Files

Incoming Data Files

Transaction Volume  
(includes all MILS Transactions)

<table>
<thead>
<tr>
<th>Force</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg</td>
<td>926K</td>
</tr>
<tr>
<td>Sites</td>
<td>63</td>
</tr>
<tr>
<td>Total</td>
<td>58M</td>
</tr>
</tbody>
</table>

54M
Questions?