

TOP 10 INSTALLATION USER-BASED EQUIPMENT MAINTENANCE/LOGISTICS TASK WORK ORDERS

TASK #1: Identify Equipment Change Document [SCD] Specs Information Input

Summary:

This Dispatcher Action Case Study describes the process by which Test Design Specs [TPD] affected by a design change identifies Equipment Change Document [SCD]-impacted Product Logistics

Pre-conditions :

The Equipment Change Document [SCD] has been created and authorised by the Navy and the appropriate dispatch centre and/or Original Equipment Design [OEM]

Original Equipment design [OEM] have been contracted and funded to execute the Equipment Change Document [SCD].

1. Configuration Repair Job Specs- Open Architecture [CDMD-OA] dispatches lists of all affected equipment & related logistics products to the applicable Common Source Repair Job Specs [CSDB] or other Navy system.
2. The current equipment configuration specs & current Logistics Support Document [LSD] records are available in Configuration Repair Job Specs- Open Architecture [CDMD-OA].
3. Current versions of the Test Design Specs [TPD] are available in the applicable Navy Common Source Repair Job Specs [CSDB]

Basic Course of Events:

1. Naval Ship Systems Engineering Station [NAVSSSES] and Maintenance Centre determine design changes to specs required to implement equipment Change Document [SCD].
2. In-Service Engineering Activity [ISEA] & Original Equipment Design [OEM] determine Combat Systems design changes required to implement Equipment Change Document [SCD].
3. Integrated Logistics Support [ILS] determines Repair Job Specs for equipment affected by design change.
4. Integrated Logistics Support [ILS] queries Configuration Repair Job Specs- Open Architecture [CDMD-OA] for all logistics products related to the affected equipment.

Configuration Repair Jobs Specs- Open Architecture [CDMD-OA] dispatches lists of all affected equipment & related logistics products to the applicable Common Source Repair Jobs Specs [CSDB] centre or other Navy system.

Post-conditions:

The design is updated and all affected logistics products & configuration Repair Jobs Specs impacted by the change are identified.

How does Integrated Logistics Support [ILS] get the Repair Jobs Specs for the affected equipment

This identifies all logistics products for existing equipment affected by the design change.

New equipment may not be loaded into Configuration Repair Jobs Specs - Open Architecture [CDMD-OA] at this time.

The identification of new Equipment Design Specs [TPD] may have to be performed by other mechanisms.

Dispatcher Comments/Notes:

TASK #2: Update Technical Repair Jobs

Summary:

This Dispatcher Action Case Study describes the process by which dispatchers update Technical Specs Overflow Stations Repair Job Activities [TM] based on a notification of an equipment change.

Once complete, the updated Technical Specs Overflow Stations for Repair Jobs are dispatched to Configuration Repair Job Specs - Open Architecture Centres [CDMD-OA].

Preconditions:

Change Notification packages are dispatched from CDMD-OA Configuration Repair Job Specs - Open Architecture [CDMD-OA].

Basic Course of Events:

1. TDMIS receives the Change Notification from CDMD-OA Configuration Repair Job Specs - Open Architecture [CDMD-OA] & updates the appropriate Specs Overflow Stations.

2. Technical Technical Specs Overflow Stations Activities Dispatcher Activities [TMMA] are notified of updates in Technical Repair Job Specs [TDMIS].
3. The TMMA—Technical Specs overflow Station Repair Job Activities requests the list of all affected equipment specs
4. Technical equipment Specs Information System [TDMIS] presents dispatchers with lists of all affected Technical Specs Overflow Stations Repair Job Activities
5. The TMMA—Technical Specs Overflow Stations Repair Job Activities notifies all dispatchers to update the TMs to reflect the recent changes.
6. The Technical Specs Overflow Stations Repair Job Activities Dispatchers update the equipment & submit the new versions to each supply line connection
7. The dispatchers centre approves all Technical Specs Overflow Stations Repair Job Activities.
8. Dispatchers on supply line connection configure each identified station determining Technical Repair Job Specs Information System [TDMIS], including:
 - i Technical Specs Overflow Stations Identification Numbering System [TMIN]
 - ii. Specs Revision.
 - iii. Applicable equipment
9. TDMIS—Technical Specs Overflow Stations Repair Job Activities exports the updated configuration data to CDMD-OA equipment Configuration dispatch centre
10. Configuration Technical Specs Overflow Stations Repair Job Activities - Open Architecture [CDMD-OA] updated for equipment change

Exception Paths:

The TM Authors create a new document to support the change.

- a. The TM Developer requests a document number (TMIN—Technical Manual Identification Numbering System TMIN) from TDMIS.
- b. The TM Developer submits the new document to Contenta.
- c. Contenta exports the configuration data for each identified TM to TDMIS—Technical Data Management Information System TDMIS, including the following:

i. TMIN—Technical Manual Identification Numbering System

TMIN

ii. Revision

iii. Applicable Ship

Post-conditions:

1. The TDKM-W Technical Data Knowledge Management

TDKM-W is updated with the latest approved versions of the TMs.

2. TDMIS—Technical Data Management Information System TDMIS is updated with the latest configuration data for the updated TMs.

3. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA is updated with the latest configuration data for the updated TMs.

Issues :

(Step 1) Which system should receive the Change Notification? TDMIS—Technical Data Management Information System TDMIS or Contenta?

If TDMIS—Technical Data Management Information System TDMIS does not represent the relationship between the TM and the equipment it references, how is that data delivered to CDMD-OA Configuration Data Managers Database- Open Architecture CDMD-OA.

Dispatcher Comments/Notes:

TASK #3: Update Dispatch Training Material

Summary:

This use case describes the process by which a Training Developer updates Training Material based on a notification of an equipment change.

Once complete the updated Training Material product data is published to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

Preconditions:

1. A Change Notification package has been published from CDMD-OA Configuration Data Managers Database- Open Architecture CDMD-OA (see UC01).
Basic Course of Events 1. TRNG CSDB-- Common Source Database

CSDB receives the Change Notification from CDMD-OA Configuration Data Managers Database-Open Architecture

CDMD-OA and updates the appropriate records.

2. The Training Administrator is notified of updates in TRNG CSDB-- Common Source Database

CSDB.

3. The Training Administrator requests the list of all affected LDM—Logical Data Model

LDMs.

4. TRNG CSDB-- Common Source Database

CSDB presents the user with a list of all affected LDM—Logical Data Model

LDMs.

5. The Training Administrator notifies all LDM—Logical Data Model

LDM Developers to update the LDM—Logical Data Model

LDM documents to reflect the recent changes.

6. The LDM—Logical Data Model

LDM Developers update the documents and submit the new versions to the TRNG CSDB-- Common Source Database

CSDB.

7. The Training Administrator approves all the LDM—Logical Data Model

LDM documents.

8. The TRNG CSDB-- Common Source Database

CSDB exports the configuration data for the approved LDM—Logical Data Model

LDM documents to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

9. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA records are modified to reflect the updated LDM—Logical Data Model

LDM metadata.

10. The TRNG CSDB exports the configuration data for the approved LDM—Logical Data Model

LDM documents to NAFL.

11. NAFL records are updated to reflect the updated data.

Exception Paths 1. (Step 5) The LDM—Logical Data Model

LDM Developer creates a new document to support the change.

a. The LDM—Logical Data Model

LDM Developer requests a document number from the appropriate Training system.

b. The LDM—Logical Data Model

LDM Developer submits the new document to TRNG CSDB.

c. TRNG CSDB-- Common Source Database

CSDB exports the configuration data for each identified LDM—Logical Data Model

LDM document to CDMD-OA Configuration Data Managers Database- Open Architecture CDMD-OA.

Post-conditions:

1. The latest approved LDM—Logical Data Model

LDM documents are in TRNG CSDB-- Common Source Database

CSDB.

2. CDMD-OA Configuration Data Managers Database- Open Architecture CDMD-OA is updated with the latest configuration data for the updated LDM—Logical Data Model

LDM documents.

3. NAFL is updated with the latest configuration data for the updated LDM—Logical Data Model

LDM documents.

Issues 1. (Exception Path Step 1a) What system, if any, provides document numbers for Training Material?

Dispatcher Comments/Notes:

TASK #4: Update Dispatcher Operational Sequencing System [EOSS] Centres

Summary:

This use case describes the process by which an EOSS- Engineering Operational Sequencing System

EOSS Developer updates EOSS- Engineering Operational Sequencing System

EOSS manuals based on a notification of an equipment change. Once complete the updated EOSS- Engineering Operational Sequencing System

EOSS product data is published to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

Pre-conditions:

1. A Change Notification package has been published from CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA (see UC01).

Basic Course of Events 1. Contenta receives the Change Notification from CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA and updates the appropriate records.

2. The EOSS Administrator is notified of updates in Contenta.

3. The EOSS Administrator requests the list of all affected EOSS- Engineering Operational Sequencing System

EOSS documents.

4. Contenta presents the user with a list of all affected EOSS- Engineering Operational Sequencing System

EOSS documents.

5. The EOSS- Engineering Operational Sequencing System

EOSS Administrator notifies all EOSS- Engineering Operational Sequencing System

EOSS Developers to update the EOSS- Engineering Operational Sequencing System

EOSS documents to reflect the recent changes.

6. The EOSS- Engineering Operational Sequencing System

EOSS Developers update the documents and submit the new versions to Contenta.

7. The EOSS- Engineering Operational Sequencing System

EOSS Administrator approves all the EOSS- Engineering Operational Sequencing System

EOSS documents.

8. Contenta exports the configuration data for the approved EOSS- Engineering Operational Sequencing System

EOSS documents to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

9. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA records are modified to reflect the updated EOSS- Engineering Operational Sequencing System

EOSS metadata.

10. Contenta exports the configuration data for the approved EOSS- Engineering Operational Sequencing System

EOSS documents to EOSS- Engineering Operational Sequencing System

EOSS Accountability.

11. EOSS- Engineering Operational Sequencing System

EOSS Accountability records are updated to reflect the updated data.

Exception Paths:

1. (Step 5) The EOSS- Engineering Operational Sequencing System

EOSS Developer creates a new document to support the change.

a. The EOSS- Engineering Operational Sequencing System

EOSS Developer requests a document number from the appropriate Navy system.

b. The EOSS- Engineering Operational Sequencing System

EOSS Developer submits the new document to Contenta.

c. Contenta exports the configuration data for each identified EOSS- Engineering Operational Sequencing System

EOSS document to CDMD-OA Configuration Data Manager EOSS- Engineering Operational Sequencing System

Configuration Data Managers Database- Open Architecture CDMD-OA and EOSS- Engineering Operational Sequencing System EOSS Accountability.

Post-conditions:

1. The latest approved EOSS- Engineering Operational Sequencing System

EOSS documents are in Contenta.

2. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA is updated with the latest configuration data for the updated EOSS- Engineering Operational Sequencing System EOSS documents.

3. EOSS- Engineering Operational Sequencing System EOSS Accountability is updated with the latest configuration data for the updated EOSS- Engineering Operational Sequencing System EOSS documents.

Issues 1. (Exception Path Step 1a) What system, if any, provides document numbers for EOSS-Engineering Operational Sequencing System EOSS Manuals?

Dispatcher Comments/Notes:

TASK #5: Update Maintenance/Upgrade System [PMS] Specs

Summary:

This use case describes the process by which a PMS—Planned Maintenance System System PMS Editor updates PMS—Planned Maintenance System PMS products based on a notification of an equipment change. Once complete the updated PMS--Planned Maintenance System PMS product data is published to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

Pre-conditions:

1. A Change Notification package has been published from CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA (see UC01).

Basic Course of Events 1. PMS MIS—Planned Maintenance System Management Information System

PMS MIS receives the Change Notification from CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA and updates the appropriate records.

2. The PMS Planned Maintenance System

PMS Editor is notified of updates in PMS MIS—Planned Maintenance System Management Information System

PMS MIS.

3. The PMS —Planned Maintenance System

PMS Editor requests the list of all affected MRCs and MIPs.

4. PMS MIS—Planned Maintenance System Management Information System

PMS MIS presents the user with a list of all affected MRCs and MIP—Maintenance Index Page

MIPs. The PMS—Planned Maintenance System

PMS Editor updates the documents and submits the new versions to Contenta.

5. The PMS—Planned Maintenance System

PMS Editor updates PMS MIS—Planned Maintenance System Management Information System

PMS MIS with the MRC and MIP—Maintenance Index Page

MIP metadata.

6. PMS MIS—Planned Maintenance System Management Information System

PMS MIS exports the updated metadata to CDMD-OA.

7. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA records are modified to reflect the updated PMS- Planned Maintenance System

PMS metadata.

Exception Paths 1. (Step 5) The PMS—Planned Maintenance System

PMS Editor creates a new document to support the change.

a. The PMS —Planned Maintenance System

PMS Editor requests a document number from PMS MIS—Planned Maintenance System Management Information System

PMS MIS.

b. The PMS- Planned Maintenance System

PMS Editor submits the new document to Contenta.

c. The PMS Planned Maintenance System

PMS Editor adds the metadata for each new MRC or MIP—Maintenance Index Page

MIP document to PMS MIS—Planned Maintenance System Management Information System
PMS MIS.

Post-conditions:

1. The latest approved MRCs and MIP—Maintenance Index Page

MIPs are in Contenta.

2. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA and PMS MIS—Planned Maintenance System Management Information System

PMS MIS are updated with the latest configuration data for the updated MRC and MIP—
Maintenance Index Page [MIP].

Issues :

(Step 1) Which system should receive the Change Notification, PMS MIS—Planned Maintenance
System Management Information System MIS or PMS—Planned Maintenance System PMS CSDB--
Common Source Database CSDB?

Dispatcher Comments/Notes:

TASK #6: Update Dispatch Supply Line Connections

Summary:

This use case describes the process by which the Planning Yard updates Engineering Drawings based on an Ship Change Document SCD. Once complete the updated Drawing product data is published to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA and the drawing is loaded to NSEDR.

Preconditions:

1. Ship Change Document SCD has been created and authorized by the Navy and the appropriate Planning Yard and/or OEM—Original Equipment Manufacturer
OEM have been contracted and funded to execute the Ship Change Document SCD.
Basic Course of Events 1. NAVSSES-- Naval Ship Systems Engineering Station

NAVSSES and Planning Yard determine HM&E—Hull, Mechanical & Electrical Systems

HM&E design changes required to implement the Ship Change Document SCD.

2. ISEA—In-Service Engineering Activity

ISEA and OEM—Original Equipment Manufacturer

OEM determine Combat Systems design changes required to implement the Ship Change Document SCD.

3. The Navy provides drawing numbers to the Planning Yard.

4. The Planning Yard Designer updates existing drawings or creates new drawings to reflect the design changes.

5. After appropriate internal and quality reviews and updates, the Planning Yard issues the new or updated drawings.

6. The Planning Yard transfers the drawings and required metadata to NSEDR.

7. The Planning Yard updates the SDI to reflect the current drawings applicable to a specific hull.

8. The CDM updates the drawing configuration data in CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

Post-conditions:

1. The latest approved Drawings are in NSEDR.

2. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA is updated with the latest configuration data for the updated Drawings.

Issues 1. (Step 8) Need to investigate how the SDI is created and where it is stored. Should it be created from one of the

databases that store the configuration data for the drawings such as CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA?

2. (Step 4) What Navy system provides drawing numbers for Engineering Drawings?

Dispatcher Comments/Notes:

TASK #7: Update Equipment Specs Configurations

Summary:

This use case describes the process by which the

CDM updates the Configuration Data in CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA once all of the

TPD related to the affected equipment has been updated and submitted back to CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA.

Pre-conditions:

1. All TPD-- Test Pressure Drawing
TPD deliverables (TMs, Drawings, EOSS- Engineering Operational Sequencing System

EOSS, PMS, and Training) have been updated to reflect the equipment change.

2. All TPD-- Test Pressure Drawing

TPD configuration data has been successfully uploaded into CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA (see use cases UC02-1 through UC02-5).

Course of Events:

1. The CDM Configuration Data Management CDM logs into CDMD-OA Configuration Data Managers Database- Open Architecture
CDMD-OA.
2. The CDM requests to view the configuration data of the modified equipment.
3. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA presents the user with the configuration data of the specified piece of equipment.

4. The CDM Configuration Data Management CDM requests to view the TPD-- Test Pressure Drawing

TPD related to the equipment.

5. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA presents the user with every related document of the following types:

- a. TM
- b. Drawing
- c. EOSS- Engineering Operational Sequencing System

EOSS

- d. PMS—Planned Maintenance System PMS
 - e. Training Product
6. The CDM reviews the list to ensure all TPD-- Test Pressure Drawing

TPD deliverables are at their most current version.

7. The CDM Configuration Data Management CDM updates the configuration data for the specified piece of equipment and identifies it as approved as the current revision.
8. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA saves the updated information in the database.

9. CDMD-OA Configuration Data Managers Database- Open Architecture CDMD-OA notified NEL—
Navy Electronic Learning

NDE-MP that the Ship Change Document SCD is complete.

Exception Paths None identified

Post-conditions 10. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA contains the updated version of the equipment along with the correct versions of all its related TPD.

Issues:

(Step 9) Is there feedback to NDE-MP that the Ship Change Document Ship Change Document SCD has been completed and all configuration data and Test Pressure Drawing TPD has been updated?

UC02-1-Update Technical Manuals.doc

UC02-2-Update Training Material.doc

UC02-3-Update EOSS- Engineering Operational Sequencing System

EOSS Manuals.doc

UC02-4-Update PMS—Planned Maintenance System PMS Products.doc

UC02-5-Update Engineering Drawings.doc

Dispatcher Comments/Notes:

TASK #8: Distribute Technical Specs Information to Equipment upgrade jobs

Summary:

This use case describes the process by which a ship is updated to include the current version of TPD-- Test Pressure Drawing

TPD based on an equipment change.

Actors

Preconditions 1. All equipment changes and related TPD-- Test Pressure Drawing

TPD modifications have been completed.

2. CDMD-OA Configuration Data Managers Database- Open Architecture

CDMD-OA contains all the correct and updated records as verified by the CDM Configuration Data Management CDM (see UC03).

Basic Course of Events 1. The Ship Administrator requests all TMs that are the most current applicable versions.

2. TDKM-W Technical Data Knowledge Management

TDKM compares the most current list with versions of the TMs that reside on the ship.

3. TDKM-W Technical Data Knowledge Management

TDKM uploads the versions of the TMs that are applicable to the ship and are not already onboard.

4. TDKM-W Technical Data Knowledge Management

TDKM-R stores the new TM versions on the ship.

5. The Ship Administrator requests to download the remaining TPD-- Test Pressure Drawing

TPD.

6. The CDM Configuration Data Management CDM identifies all TPD-- Test Pressure Drawing

TPD that are the most current applicable versions.

7. The

CDM Configuration Data Management CDM retrieves the files from each of the respective CSDB-- Common Source Database CSDBs for each TPD-- Test Pressure Drawing

TPD type.

8. The CDM Configuration Data Management CDM creates CD—Cross Domain

CDs for each data set and sends it to the Ship Administrator.

9. The Ship Administrator uploads the Training Material from CD to NEL—Navy Electronic Learning

NEL.

10. The Ship Administrator uploads the PMS —Planned Maintenance System

PMS data from CD—Cross Domain

CD to PMS MIS—Planned Maintenance System Management Information System

PMS SKED.

11. The Ship Administrator uploads the SS Manuals from CD—Cross Domain

CD to ATIS.

12. The Ship Administrator uploads the Engineering Drawings from CD Cross-Domain CD to ATIS— Advanced Technical Information Support Systems

ATIS.

Post-conditions:

1. The ship is updated to include all the most currently available TPD-- Test Pressure Drawing

TPD.

Issues:

1. This use case has the CDM Configuration Data Management CDM acting as the human interface between the Ship Admin request and the distribution of the data to the ship. We assume that many different people help fulfill this role.

2. (Step 11) What system stores the EOSS- Engineering Operational Sequencing System EOSS Manuals and Engineering Drawings on the Ship?

UC02-1-Update Technical Manuals.doc
UC02-2-Update Training Material.doc
UC02-3-Update EOSS- Engineering Operational Sequencing System EOSS Manuals.doc
UC02-4-Update PMS —Planned Maintenance System

PMS Products.doc
UC02-5-Update Engineering Drawings.doc
UC03-Update Configuration Data.doc

TASK #9: Deliver Technical Specs during Equipment Acquisition

Summary:

This use case describes the process by which TPD-- Test Pressure Drawing
TPD is delivered from the Shipyard or OEM—Original Equipment Manufacturer
OEM to the Navy shore systems
during ship acquisition and at final delivery of the ship to the Navy. The engineering and logistics
products are
transferred to the appropriate Navy repository and applicable configuration data is transferred to
the respective Navy
configuration management systems. Relationships between the engineering products, logistics
products, and
configuration data are maintained in order to facilitate change identification during subsequent
design changes or
maintenance activities.

Pre-conditions:

1. During the design and build phase, the Shipyards and OEM—Original Equipment Manufacturer

OEMs maintain TPD-- Test Pressure Drawing

TPD in their internal systems and deliver the
data to the Navy shore systems at times specified by their respective contracts.

2. The Shipyard and OEM—Original Equipment Manufacturer

OEM internal systems maintain relationships between the equipment configuration and engineering and logistics products.

Basic Course of Events 1. Develop Engineering and Logistics Products.

2. Associate Engineering and Logistics Products to Equipment.

3. Transfer Engineering and Logistics Products and associated metadata to respective Navy systems.

Exception Paths None identified

Post-conditions 1. At ship delivery, the Shipyards and OEMs deliver final TPD-- Test Pressure Drawing

TPD reflecting the as-built ship to the Navy shore systems.

2. The Navy shore systems transfer the final TPD-- Test Pressure Drawing

TPD to the ship prior to the ship becoming operational
(see Use Case 04).

Dispatcher Comments/Notes:

TASK #10: Register Equipment Specs Content in Advanced Dispatcher Centre System [ADL-R]

Summary:

This use case describes the process by which learning content is registered with the ADL-R.

Actors

Pre-conditions 1. The CSDB-- Common Source Database CSDB can accept, collect and aggregate LDM—Logical Data Model

LDM metadata.

1. The CSDB-- Common Source Database CSDB has communication capability.

Basic Course of Events:

1. An LDM content developer populates LDM—Logical Data Model LDM metadata fields conforming to the metadata XML schema. This can be accomplished while the LDM—Logical Data Model

LDM content is under development.

2. The LDM—Logical Data Model

LDM metadata is stored within the CSDB-- Common Source Database CSDB.

3. The LDM—Logical Data Model

LDM is approved for Final release/issue.

4. A batch process is conducted by the CSDB-- Common Source Database CSDB that collects all final issue LDM—Logical Data Model

LDM metadata and aggregates it to conform to an existing ADL-R Advanced Distributed Learning Registry

ADL-R Registration Package schema.

5. A Registration Process command is executed that transfers the Registration Package to the ADL-R Advanced Distributed Learning Registry

ADL-R.

6. Bi-directional communication between the ADL-R and the CSDB-- Common Source Database CSDB confirms the receipt of the Registration Package.

7. Subsequent trusted DoD content developers login into the ADL-R Advanced Distributed Learning Registry

ADL-R and search/discover reusable training objects via stored metadata.

8. Metadata results include a link to the repository containing the actual content and identification of content owner.

9. The content developer contacts repository/content owner to request/retrieve object.

10. A notification service is enabled to permit update notification when source object is modified.

Post-conditions:

1. Training content in the form of S1000D-- Specification Documentation

S1000D data modules is registered in ADL-R Advanced Distributed Learning Registry

ADL-R and available for search/discovery.

Issues 1. (Step 9) LDM—Logical Data Model LDM metadata must be expanded to include content owner contact information (email? Phone number?)

2. (Step 9) Trusted agent security procedures and processes must be developed to permit retrieval of content.

3. (Step 10) Notification service (email? RSS—Really Simple Syndication

RSS?) must be developed.

Dispatcher Comments/Notes:

GLOSSARY INDEX

TPD-- Test Pressure Drawing

SCD—Ship Change Document

OEM—Original Equipment Manufacturer

CDMD-OA Configuration Data Managers Database- Open Architecture

CSDB-- Common Source Database

NAVSSSES-- Naval Ship Systems Engineering Station

HM&E—Hull, Mechanical & Electrical Systems

ISEA—In-Service Engineering Activity

ILS—Integrated Logistics Support

HSC—Helicopter Sea Combat Squadron

TMMA—Technical Manual Management Activities

TM-- Torpedoman's Mate

TDMIS—Technical Data Management Information System

TMIN—Technical Manual Identification Numbering System

LDM—Logical Data Model

EOSS- Engineering Operational Sequencing System

PMS MIS- Planned Maintenance System Management Information System

MIP—Maintenance Index Page

MSRS—Metalsmith Ship Repair Sheet

CMS—Communications Materials System

NSEDR—Naval Ships Engineering Drawing Repository

SDI—Ships Drawing Index

TDKM—Technical Data Knowledge Management

CD—Cross Domain

NEL—Navy Electronic Learning

SKED-- Schedule

ATIS—Advanced Technical Information Support Systems

NDE-MP Data Enterprise Vision

ADL-R Advanced Distributed Learning Registry

S1000D-- Specification Documentation

RSS—Really Simple Syndication