**Common Condition Based Maintenance**

**Enterprise Repository (CCBMDW)**

**CLOE Registry Entry Guidelines**

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Question 01: So how do you want to collect CLOE Registry entry information? I would suggest Excel, because most people have that to work with.

# Platform Identification

## Platforms

What platforms/models/NSN/NIIN are you expecting to sensor? I have a spreadsheet of platforms that TACOM needs to validate, .

## Prototype Platform Setup

Do we do this for every NSN/NIIN? Or do we do it for LIN? The exception would be if focus of the sensor monitoring was a specific component on the platform. An example be a vehicle winch where some have the winch and others don’t.

## Prototype Platform Structure Breakdown

CECOM example – Generator

CECOM site = 0000041E0001000 (enterprise site for model since it is a prototype); if not 0 at the end, it is an instance. CECOM LCMC model naming group. (This is not an instance).

Model = MEP805B; different models are in 3rd 0 in second half of identifier. Monitoring:



| Model # | Nomen |  |
| --- | --- | --- |
| MEP805B | GEN MEP-805B | [100000000] |
|  | **Competent Items** | **Seg\_Id / Comp\_Id** |
|  | Computer Interface Module (CIM) | [100050000] |
|  | Alternator | [110000000] |
|  | Engine | [110000000] |
|  | Exhaust Manifold | [103030000] |
|  | Manifold, Exhaust | [103030001] |
|  | Lubrication System | [104000000] |
|  | Oil Filter Assembly | [104010000] |
|  |  |  |

The above table illustrates an interesting problem. The platform has multiple breakdown structures. In this case we have the generator breakdown, and then a engine breakdown.

* 1 - differential current at alternator (component/segment = alternator); [200]
* 2 - exhaust gas temp (EGT) (temp, Exhaust, Engine (component = engine) - Chamber 1 [110]
* 3 Chamber 2, Manifold [110]
* 4 Chamber 3, Manifold [110]
* 5 Chamber 4, Manifold [110]

| Monitor ID | Monitor Name  Meas\_location | Segment Component |
| --- | --- | --- |
| 1 | Current, Diff | Alternator [110000000] |
| 2 | Temp, Exhaust, C1 | Manifold [103030001] |
| 3 | Temp, Exhaust, C2 | Manifold [103030001] |
| 4 | Temp, Exhaust, C3 | Manifold [103030001] |
| 5 | Temp, Exhaust, C4 | Manifold [103030001] |
| 6 | Session | MEP805B [999] |

#### CLOE Registry Tables

#### Site

Create a Site and Site Database for ground combat system model template information.   
Note that this is a Template site - a site where Prototypes are defined. The site.template\_yn is set to 'Y'.

#### Site\_Database

This site database is used for the metadata for a ground combat system model default prototype (template).

#### Segment\_Type

#### Asset\_Type

#### Model

#### Meas\_location

### REPAIR PARTS AND SPECIAL TOOLS LIST

### PowerLog

## Fleet

How do you want to organize the platforms?

Will the major components, (engine, transmission, electronics, etc.,) be organized into fleets?

## Tags

### Serial Numbers

### Component Serial Numbers

# Sensor Network Identification

## Sensor Signal List

## Sensor Location

# Codes

## Fault

## State

### Vectors

### Ranges

## Actions

### On-Platform

### At-Platform

### LRU

### SRU

# OSA-CBM Mapping

## DA

## DM

## SD

## HA

## PA

## AG

# CBM Files

# CBM Messages