

# Competency Assurance System Hierarchy And Glossary of Key Terms

## Analog Domain

### Enabling Learning Objective

Be able to prepare the ST-80 for transport.

### Question

Which of these are part of the ST-80 transport preparation procedure? Check all that apply.

- Fully seat the ST-80
- Gently hammer in the transport pin
- Lock out, tag out the ST-80
- Remove the tong dies.
- Insert the transport pin fully.
- Drain the gearbox.

### Module/Tutorial/SCO

“Daily, Weekly, and Monthly Inspection Procedures”

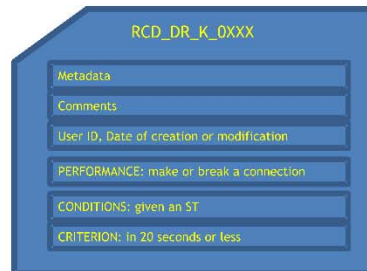
COLs, assessments, and instructional materials required to ensure desired outcome.

### Terminal Learning Objective

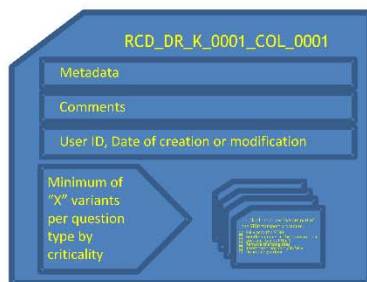
Given a torque value, be able to make a connection in 20 seconds or less.

## Digital Domain

### Reusable Competency Description (RCD)



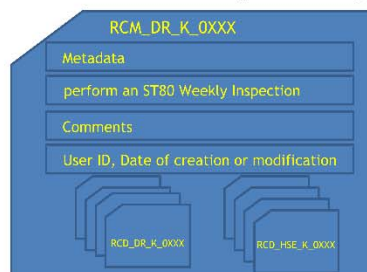
### Check On Learning (COL)



### Sharable Content Object (SCO)



### Reusable Competency Map (RCM)

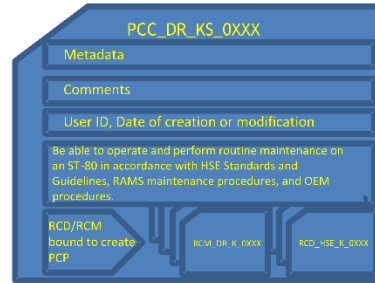


## Global Learning Objective

Be able to operate and perform routine maintenance on an ST-80 in accordance with HSE Standards and Guidelines, RAMS maintenance procedures, and OEM procedures.



## Position Critical Competency (PCC)

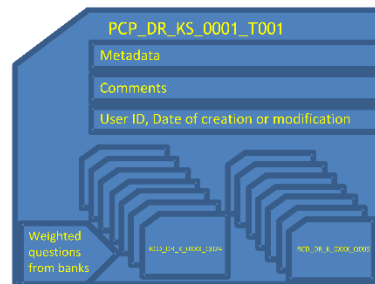


## Competency Assessment

Written test.



## Competency Assessment System (CAS)

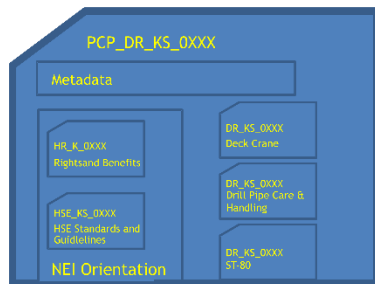


## Job Description

Precise list of all competencies required for a given position.



## Position Competency Profile (PCP)



**SCORM**-“Sharable Content Object Reference Model,” the Advanced Distributed Learning specification that describes the requirements for SCO’s and LMS systems to be interoperable and correctly handle data. SCORM editions include 1.2 (the simplest and most widely used) and 2004 first, second, and 3<sup>rd</sup> editions, which offer far greater functionality and flexibility but remain largely unimplemented for a variety of reasons.

**SCO**-“Sharable Content Object,” a unit of instruction that teaches a single objective and meets SCORM standards and guidelines for interoperability.

**ILT**-Instructor-led training

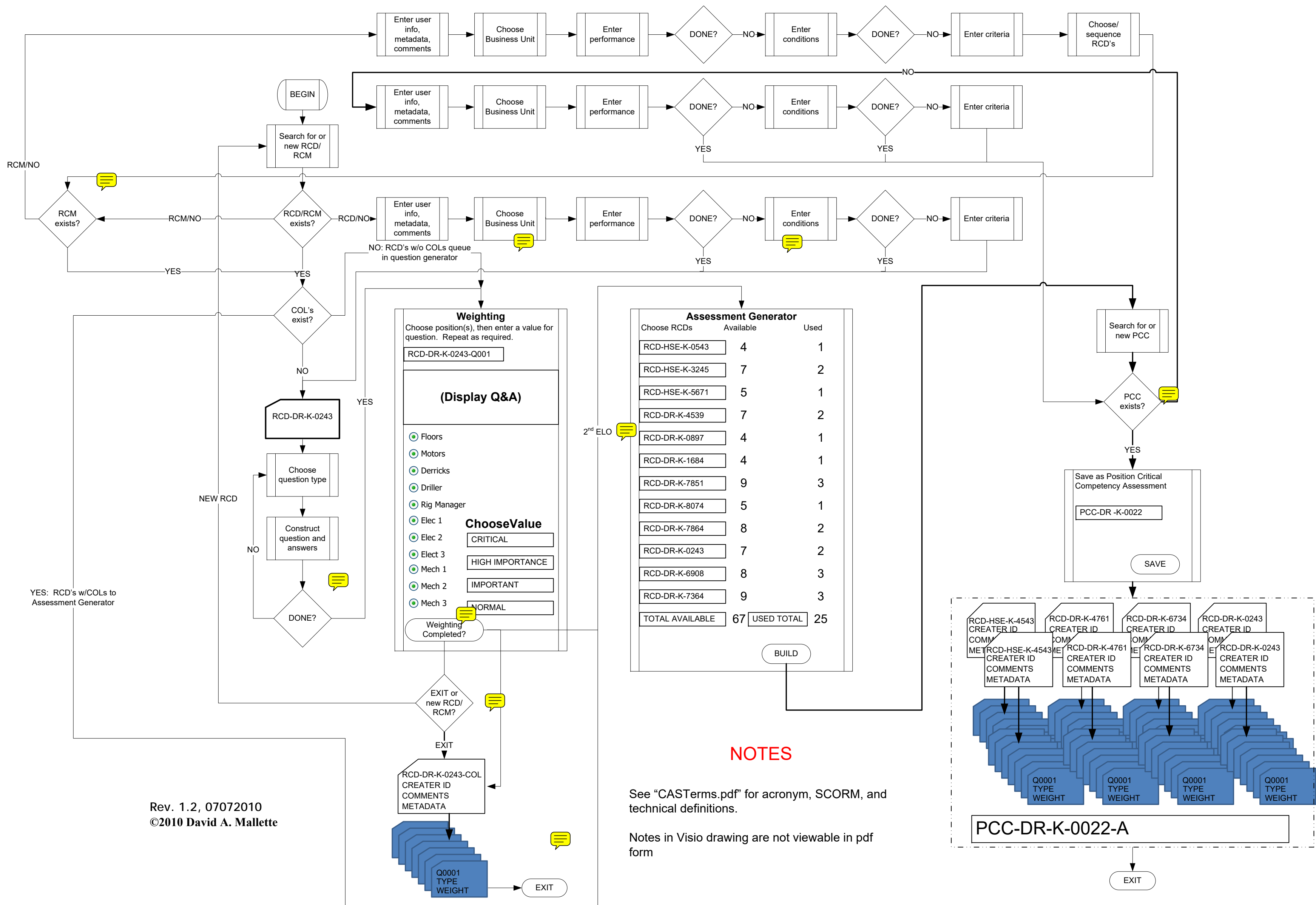
**OLT**-Online training

**CBT**-Computer-based training

**BPM**-“Business process management,” a management approach focused on aligning all aspects of an organization with the wants and needs of clients. It is a holistic management approach that promotes business effectiveness and efficiency while striving for innovation, flexibility, and integration with technology.

**QTI**-“Question Test Interoperability,” a specification currently in version 2.1 by IMS Global Learning Consortium designed to provide similar cross-system functionality for tests and assessments as SCORM does for instructional objects. Such cross-functionality is a fundamental requirement for a competency assurance system, though this effort is somewhat bloated and inefficient. The Navy has implemented their own version, and I have developed one for the Competency Assessment System I am implementing.

**CAS**-“Competency Assessment System,” My implementation of the QTI standard to provide complete equivalence for all assessments whether from ILT or any supplier of OLT with input from leading test and measurement experts.



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