DP POC Testing

Michele Weiss

(240)228-4806

michele.weiss@jhuapl.edu

Outline

- **DP POC Software Test Plan**
- **Testing philosophy**

DP POC Software Test Plan

- **In review**

- **Top-level test plan**

- **Software Test Descriptions will be written to formally document deliverable test procedures**

Testing Philosophy

- **Unit testing**
  - CSU level
  - performed by software developer
- **Integration testing**
  - CSC to CSC testing
  - performed by software developer and software leads
- **End-to-end testing**
  - CSCI testing
  - performed by software developer and software leads

Testing Philosophy - cont.

- **Formal testing performed according to predefined procedures perferably by outside parties**

Testing

Component Development and Testing

Units/Modules — Local test drivers

CSU 1:

CSU 2:

CSU N:

CSU Test Descriptions

CSU Test Reports

SW Requirements Analysis → SW Test Plan → Release

System Test Description

Independent Test Team

System Test Report

System Qualification Testing