

Czech Space Office Industrial Technology



ECSS INTRODUCTION COURSE - 20 January 2009 - Praha

1. ECSS Presentation-Overview (1 Hr)

- Objectives
- History & membership
- Organization
- ECSS documents:
 - o The 3 type of documents
- Production & maintenance cycle

2. Application/implementation of ECSS documents in projects (2,5 Hr)

- Content : Requirements, Recommendations, Permissions, Normative, Informative
- Requirement Characteristics
- Use the ECSS system of standards
 - o The customer-supplier model
 - o The ECSS documents tree system
 - o Use of the 3 type of documents
 - o Tailoring
 - The process
 - Tools
 - Flowing down of requirements
- Verification (how verification of requirements is organized in ECSS)
 - o Verification and validation
 - o Verification principles (E-10-02 and HB)
 - o Qualification and acceptance (E-10-02, HB, Q-10, Q-20)
- Feedback

3. Content of the ECSS Standards (1,5 Hr.)

- General view of the M, E and Q branches
- M-10, E-10 , Q-10 overview