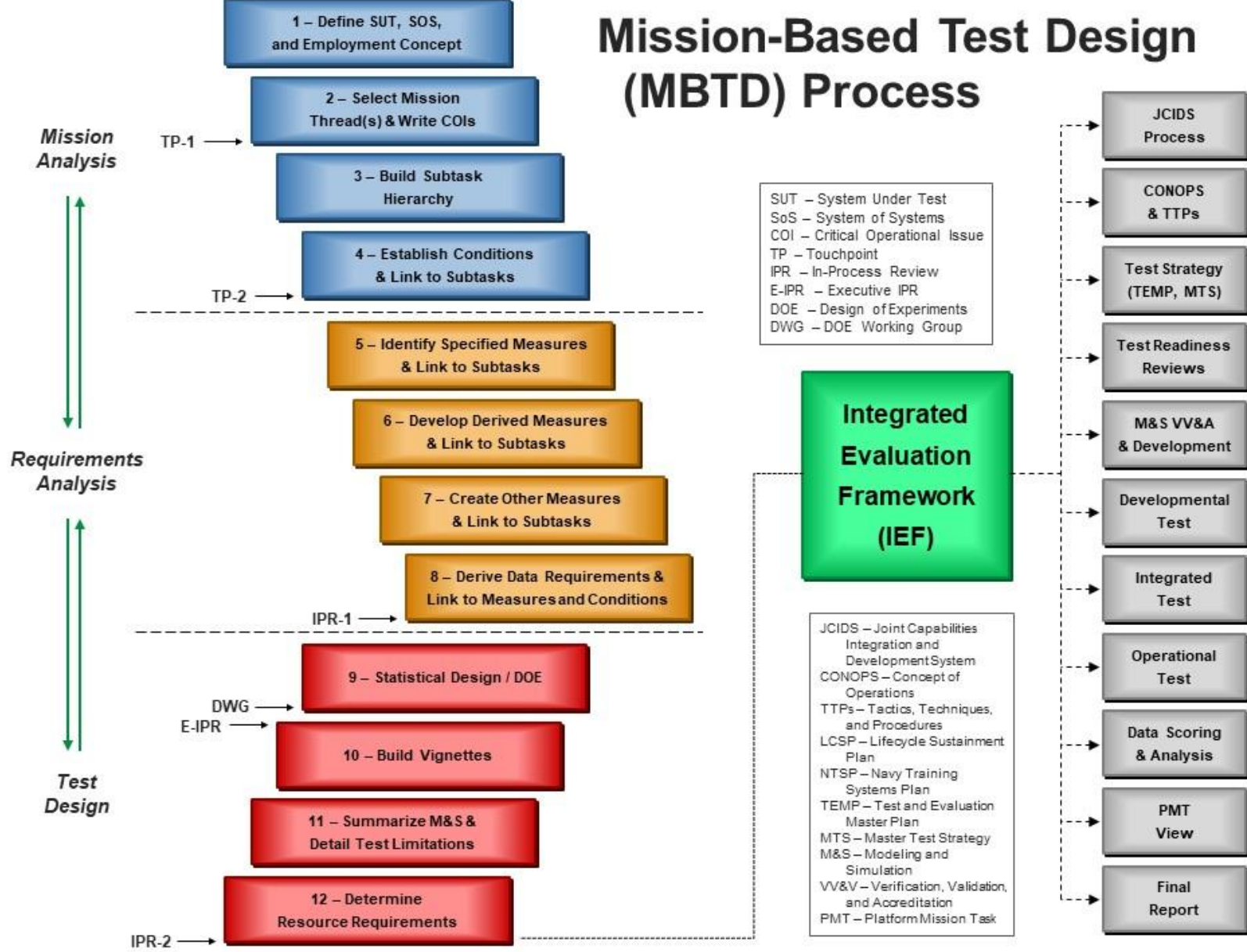


# Test Design Policies and Practices



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Test Design Director  
18 Aug 2023

# Mission-Based Test Design (MBTD) Process





# AI and MBTD

- In Operational Test (OT) AI is a capability within a System Under Test (SUT)
- AI will require earlier involvement in the process (pre-MS-A)
  - Identify/develop unique data collection capability requirements
  - Identify/develop M&S for operational boundary identification
  - Configuration Management development
  - Best practices development
- Tailored approach for each AI SUT
  - Two current examples of OT involvement in AI
- Continuous OT of SUT with AI is not executable
  - IOT&E-Capability being delivered
  - FOT&E includes AI regression OT