



# Technical Authority, Programmatic Authority, and the Role of Center Directors

Briefing to the NASA Advisory Council



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- **TA's provide technical assessments of Programs and Projects**
  - Represented at Program Control Boards and Life cycle reviews
  - Outbrief Center Boards/AA DPMC/APMC/Agency FRR
- **TA's review and endorse Human Rating Certification**
  - JSC Center Director provides endorsement for Flight Crew risk
- **Center Director receives TA inputs**
  - Weekly at Technical Directors Tag
  - Center Management Councils (Orion and CCP)
  - Pre-Flight Readiness Reviews (ISS)
- **Examples of Center milestones:**
  - Orion ICMC KDP-C and HRCP June 2 (complete)
  - Center Director Pre-FRR 43S Launch & Dock/Increment 4 July 14 (*complete* )
  - CCP ICMC - HRCP – August 5 (scheduled)
  - CCP ICMC - pre-eKDP-1 - August 27 (scheduled)
- **Dissenting opinion process is documented in JPR's**
- **Example of dissenting opinion in discussion at Center – Orion: ESA Service Module Prop Tanks**



- **Technical Authorities provide assessments of Programs and projects**
  - Center Management Council and sub-committees
  - Program Control Boards and Life Cycle Reviews
  - Agency PMC, Directorate PMCs, FRRs
- **Center Executives receive regular TA input**
  - Weekly Executive Forum
  - Weekly Center Director/Engineering and Center Director/S&MA tagups
  - Monthly Center Management Council
  - Integrated CMCs with other Centers (JSC, KSC, LaRC)
  - Program Control Boards (SLS)
  - Pre-Flight Readiness Reviews (ISS)
- **Dissenting opinions documented in Council/Board records and raised (if necessary) to next level forum**
  - Last instance: June 2012 on Booster igniter concern. Issue raised to Engineering Management Council and resolved prior to CMC briefing.

**Back up (see next chart)**

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