

Cx Staff Meeting
November 17, 2008

- Safety Message: -- Carlos Noriega
 - No safety message today

- Cx Program notes -- Jeff Hanley
 - Hats off to Lynette and PAO for the press event at KSC last week
 - Went well; 21 press representatives
 - Occurred in HB4 and FR1
 - Abort motor firing at ATK this week
 - Duration is 4 secs
 - Lots of TV coverage in Utah
 - Thanks to people working Acceleration
 - A big effort and very important
 - Strategic planning product
 - A good mirror for Cx
 - Jeff asked PP&C (Sandra Cargill) to push all the cost threats to Level 3
 - Re-elevate threats to Level 1 & 2 in a consistent manner according to revised criteria that takes into account schedule and content as variables
 - Normalizes the threats
 - SRB feedback is that we are not mitigating our cost risks consistent with the technical risks
 - May have to adjust schedules to be consistent with the budget profile
 - This is not an indictment against how we've done management to date, only a reflection of the increased fidelity of the Program
 - Acceleration provides valuable supporting data
 - SRB gave Jeff a draft of post-SDR findings which he discussed with the chair last Friday
 - A Wednesday feedback session w/ Projects scheduled
 - Issue 1: Weak Program SE&I (using headcount as metric)
 - Issue 2: Orion persisting negative mass margin
 - Issue 3: Insufficient reserves thru '09 and '10
 - Concern #1: Intensify pro-active Program Management
 - Concern #2: Risk management approach allows untimely resolution of problems
 - Concern #3: NASA design culture around cost of operations
 - Concern #4: Operational strategy for the launch site
 - Concern #5: Integrated flight software test facility
 - Concern #6: Level 2 in software development is insufficient
 - Jeff notes that the SRB basis of comparison is rooted in ISS and SSP and that Constellation is more Apollo-like in its integration approach

- Concern #7: Level 2 Safety organization does not have timely input to the safety of the projects' efforts
 - Observation: NASA processes detract from the overall effort
 - During the discussion of the draft, some items were clarified which may change the specific finding. Jeff also noted that the program is in a good position to respond to all of them.

- Cx Deputy – Dale Thomas
 - No report

- Lunar APM - Kathy Laurini
 - Lunar budget TIM concluded last week, budget recommendation week of 12/15
 - Agency transition team asked for a presentation
 - Ares 5/Altair working on draft RFPs
 - ISS partners having a 10-year celebration in Houston

- KSC APM – Chris Hardcastle
 - Really nothing new in SRB findings
 - Officially x'ferred to KSC as of today
 - Will be participating on KSC senior staff
 - Will meet w/ David Martin
 - Will meet w/ Bob Cabana

- MSFC APM – Steve Doering
 - No report

- Chief of Staff (Technical) – Deb Neubek
 - Tech Topic review
 - Orion ERB scheduled for Wed/Thu
 - No issues to highlight
 - Accel study continuing apace

- Cx Information Systems Office – Don Monell
 - IS IPT F2F this week
 - Build 2 assessment -- Some slip from Build 1
 - CAD stds still in work; draft in December

- Ares I-X Bob Ess
 - Upper Stage h/w at KSC, other h/w arriving
 - SRB outbrief (APMC/DPMC) in December

- PSE – Brian Muirhead
 - Trying to close out MLAS activity
 - Participating in ERB
 - CxAT Mass working a couple of key items: loads, etc

- SI Units in abeyance until funding issues resolved
 - GO looking for a decision in December
 - Other projects on hold
- Chief Engineer – Steve Labbe
 - No report
- Program Operability Engineer – Bill Arceneaux
 - No report
- PP&C – Charlie Stegemoeller
 - Cx Calendar available on line – review it
 - PMR 09 Guidance released last week -- looking for feedback
 - DPMC last week: Mission ops presented (MOD engineering support to MOP) ; now on to APMC
 - PAR/NAR path forward a concern
 - Monthly Schedules Review this Friday
 - IPAO: Mark Saunders retiring
 - 12/8-11: GAO audit visit; attending TRR
 - 12/09-10: MPR/TRR
 - 12/22-01/04: Christmas/New Years weeks
- Ops and Test Integration – Bob Castle
 - VM 1 requirements coming to CxCB
- SE&I – Lauri Hansen
 - SIP quarterly, Integrated Stack Roles & Responsibilities, IHA all ongoing at MSFC
 - Major SECB decisions:
 - Agreed to go to 120V in the next DAC
 - Vibro-acoustic environment
 - Gave Orion a 3DB reduction
 - Implementing sound suppression system during liftoff
 - Looking for a plan from GO and what level of ATP was necessary to start design
 - Gave Ares direction to plan a scaled test (1/5 or 1/6 scale)
 - Jeff noted that he would like to hear more on this topic
 - Approved SEMP last month
 - Ares not flowing it down because of the SI Unit requirement
 - Requested help from PP&C to develop agreeable approach
 - Will meet w/ Ares
- SR&QA – Carlos Noriega
 - Supporting IHA at MSFC
 - Attending RSRM class in Utah

- Lunar Surface Systems
 - In the middle of study contracts
 - Supporting TPP Process
 - IPP w/ Caterpillar

- Orion – Paul Marshall
 - FY09 planning underway; FY 10 impact significant
 - CCO 24 received last week; eval underway
 - Meeting w/ Gilbrech on 12/04 on selected big topics
 - Orion planning oh project shutdown for two weeks starting 12/22
 - Other topics already covered

- Ares – Teresa Vanhooser
 - No report

- GO – Pepper Phillips
 - Big Crane is arriving via flatbeds
 - GO meeting w/ MO re: Voice(VOIP)/Video commonality
 - CCCE preboard this week

- MO – George Bull
 - Jimmy Spivey coming on board as MOP Director

- Altair – Kathy Laurini
 - All contractors in for BAA collaborate environment
 - C9 test this week
 - Working w/ Al Conde re: EDTP

- EVA – Jeff Davis
 - Zero gravity aircraft testing this week
 - Meeting w/ Orion re: DPMC action
 - Slab testing underway at OSU; looking at injury potential
 - Meeting w/ US Navy for Orion mockup in the NBL

- Headquarters – Cris Guidi
 - No report

- Adjourn at 11:00 AM