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# *Human Space Flight*

## *HSF*

**NAME**



## *Splinter Group Summary Title*



- **Purpose:**

**The Human Space Flight (HSF) Working Group provide “Status” on NSRs and provides a schedule of events and activities that pertain to Mission services.**

- **Discussion Highlights: NSRs**



## Mission WAN Support:

- **NSR 36178:** Increase the ISSONET (FEPR) Bandwidth between JSC and KSC from 1Mbps to 3Mbps for Orion Flight Test-1 (OFT-1).
  - 09/27/2011: No Changes
  - 10/19/2011: **Waiting on procurement of hardware, will contact project to schedule the KSC/JSC FEPR routers Ethernet bundle increase.**
  
- **NSR 36296:** Disposition existing SES Americom Earth Stations **(On Hold)**.
  - 09/27/2011: No Changes
  - 10/19/2011: **NSR Still “On Hold”**
  
- **NSR 36297:** Provide PAO Video Satellite Service Post STS support.
  - 09/27/2011: A transition period from December 5<sup>th</sup> – 16<sup>th</sup> is scheduled for new service to be implemented. Also a schedule is being put together to start planning for new equipment to be delivered to some centers.
  - 10/19/2011: **PO issued to the vendor on 10/17/2011 with a estimated delivery date of 11/7/2011 or sooner.**



- **NSR 36329**: Provide Remapping of JSC MOVE circuits Transitions. **(On HOLD)**
  - **09/27/2011**: NSR placed “On Hold”. *Until Feb. 2012.* (MOVE equipment issues)
  - **10/19/2012**: “On Hold”. *Until Feb. 2012.* (MOVE equipment issues)
  
- **NSR 36517**: Provide a cost estimate to establish a new 5Mbps L2VPN from/to KSC-PTCS/MSFC-HOSC for the EPIC2 project.
  - **09/27/2011**: No Changes
  - **10/12/2011**: **ERB is scheduled for 10/27.**
  
- **NSR 36707**: Disconnect the 50Mbps routed data service between the JSC ISS Systems Integration Lab (ISIL) and the MSFC HOSC.
  - **09/29/2011**: NSR submitted.
  - **10/19/2011**: **Per engineering, no OPS, engineering or CM work required for this NSR. Just PSLA update.**



- **ISS Video Support**
- **NSR 35834**: Provide all four ISS Video (IPTV) channels to NRL HREP POCC to support Hyperspectral Imager for the Coastal Ocean HICO-RAIDS Experiment Payload (HREP):
  - **10/19/2012**: ***“User Hold”***
- **NSR 36020**: Provide ISS Video Downlink for Space Drums: **(DRAFT)**
  - **10/19/2011**: **Customer Not Ready to move forward with the NSR.**
- **NSR 36137**: Provide all four ISS Video (IPTV) channels for the Structure & Lift-off In Combustion Experiment (SLICE) located at Yale University.
  - **09/27/2011**: **“User Task” being closed, NSR moving forward.**
  - **10/19/2012**: **DCS will be ‘reviewed’ 10/20 at IRD.**
- **NSR 36465**: Provide an ISS Video multi-cast connection for Elite-S2 in Kayser, Italy.
  - **09/27/2011**: **DCS to be delivered to the customer today.**
  - **10/19/2012**: **Planned completion date for Coordinate and Schedule Activity extended to 11/14 per the 11/25 anticipated activity date.**



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- **ISS Video Support**

- **NSR 36578: Provide an ISS Downlink Video for Robotics Lab/Bldg 27 at GSFC.**
  - **09/27/2011:** Work is being scheduled to install fiber. DCS is in Service Owner review.
  - **10/19/2011:** DCS Package and MCSR both “Approved”, customer working ‘funds’ transfer. MCSR is being pushed for fiber install and OOBAs lines to be installed by 10/28.



- **MPCV / ORION Support**
- **NSR 36520**: ROM for a 10Mbps pipe from VAFB/ACE to the JSC/MCC **(DRAFT)**
  - **09/27/2011**: Request is being 'revisited' by Joe Aquino.
  - **10/19/2011**: Request **"Cancelled"**.
- **NSR 36462**: Provide a Dedicated Data connection between JSC MCC and EDL-H location in Webster, TX in support of early MPCV testing of commands and telemetry.
  - **09/30/2011**: SO issued to ATT; we are pushing an 11/15/11 completion date.
  - **10/19/2011**: **Circuit installation is in progress. The EDL-H termination has been made; AT&T is currently working on delivery to the MCC. Internal cabling within the MCC is being scheduled.**
- **NSR 36722**: Provide a Dedicated Data connection (T-1) between JSC/MCC and ITL/Lockheed Martin, Waterton, CO **(DRAFT)**
  - **10/06/2011**: Gathering and verifying requirement
  - **10/19/2011**: **We will bring this to the DSM on next week.**
- **NSR 36723**: Provide (3 T-1's) Dedicated Data Connections between KSC to Denver, CO for Remote Keysets. **(DRAFT)**
  - **10/06/2011**: Gathering and verifying requirement
  - **10/19/2011**: **We will bring this to the DSM on next week.**



- **Mission Shuttle Disconnects**
  
- **(“UPDATES”, PROVIDED BY MICHAEL BRADLEY)**
  - **NSR 36740: Has been submitted to disconnect DHEM-791892 circuit from KSC to MILA-PDL and return all NASA/CSO provided equipment.**
    - **10/19/2011: NSR submitted.**