



Human Space Flight Comm Working Group



HSF Summary



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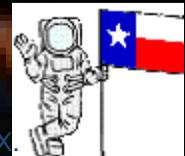
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'Still', in the Business of SPACE Exploration....





AGENDA



- **Upcoming NICS Upgrade/Outages/Activities**

-	<u>September 2012</u>
<u>9/11/2012</u>	<u>ATV3 Buffer Dump for Reboost #</u>
<u>9/11/2012</u>	<u>MT Translate</u>
<u>9/12/2011</u>	<u>ATV Preparation, ISS Attitude Control and ATV Reconfiguration for ATV3 Reboost #9</u>
<u>9/12/2012</u>	<u>SPDM Checkout and Setup for RRM</u>
<u>9/13/2012</u>	<u>Robotics Refueling Mission (RRM)</u>
<u>9/13/2012</u>	<u>Atlas V/NROL36 - VAFB</u>
<u>9/13/2012</u>	<u>ATV3 Buffer Dump for Reboost #9 Back-up</u>
<u>9/14/2012</u>	<u>ATV Preparation, ISS Attitude Control and ATV Reconfiguration for ATV3 Reboost #9 Back-up</u>
<u>9/14/2012</u>	<u>Robotics Refueling Mission (RRM)</u>
<u>9/16/2012</u>	<u>Soyuz 30S Undocking/Landing</u>
<u>9/18/2012</u>	<u>MSS-RRM-Refuel 3</u>
<u>9/21/2012</u>	<u>MSS-RRM-Refuel 4</u>



AGENDA



- PCI Notices:**

Circuit	Release Msg.	PCI Start (EDT)
IVEJ 934735 (14C-OC12) - Goddard / Marshall	Sent 07/31/12	09/15/2012 20:00
DNEM 502296 (13-DS3) - Marshall / Wallops Island	Sent 07/31/12	09/15/2012 20:00
DNEM 740676 (63-DS3) - Goddard / Kennedy	Sent 07/31/12	09/15/2012 20:00
DNEM 817209 (171-DS3) - NYC / Jet Propulsion Labs	Sent 07/31/12	09/15/2012 20:00
DNEM 614885 (7C-DS3) - Goddard / White Sands	Sent 08/09/12	09/15/2012 20:00
DNEM 502296 (13-DS3) - Marshall / Wallops Island	Sent 08/22/12	09/19/2012 20:00
DNEM 614885 (7C-DS3) - Goddard / White Sands	Sent 08/21/12	09/22/2012 20:00
IVEJ 934735 (14C-OC12) - Goddard / Marshall	Sent 08/21/12	09/22/2012 20:00
DNEM 740676 (63-DS3) - Goddard / Kennedy	Sent 08/21/12	09/22/2012 20:00
DNEM 502299 (10B-DS3) - Johnson / Marshall	Sent 08/27/12	09/25/2012 20:00
AGEM 789603 (7F-OC3) - Goddard / White Sands	New	09/29/2012 20:00



AGENDA



- **PCI Notices: Continued**

Circuit	Release Msg.	PCI Start (EDT)
IVEJ 934735 (14C-OC12) - Goddard / Marshall	Sent 08/22/12	09/29/2012 20:00
AGEJ 984413 (19C-OC3) - Goddard / Jet Propulsion Labs	Sent 08/22/12	09/29/2012 20:00
DNEM 740676 (63-DS3) - Goddard / Kennedy	Sent 08/22/12	09/29/2012 20:00
DNEM 817209 (171-DS3) - NYC / Jet Propulsion Labs	Sent 08/22/12	09/29/2012 20:00
DNEM 614885 (7C-DS3) - Goddard / White Sands	New	09/30/2012 08:00
AGEJ 984413 (19C-OC3) - Goddard / Jet Propulsion Labs	Sent 08/15/12	10/26/2012 20:00
DNEM 959917 (172-DS3) - STGT / Goldstone	Sent 08/15/12	10/26/2012 20:00
DNEM 817209 (171-DS3) - NYC / Jet Propulsion Labs	Sent 08/28/12	10/26/2012 20:00



AGENDA



- **NICS Project Status:**

- **MOVE:**
 - **GSFC**
 - **8/21/2012:** Install of software baseline upgrade 2.0.3 on Goddard 2 scheduled to be completed by COB 8/21/12.
 - **8/28/2012:** No updates

 - **KSC**
 - **8/21/2012:** Pending voice & verification test with Denver.
 - **8/28/2012:** Waiting approval for work orders; pending V&V test with Denver.

 - **JSC**
 - **8/21/2012:** The remaining 4 T-1 circuits for transition are scheduled for completion on August 23rd. The Moscow circuits are scheduled for transition the first week of Sept.
 - **8/28/2012:** The NISN circuit transitions and IP circuit transitions are complete with the exception of the Moscow portion scheduled for Sept. 4th.



AGENDA



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- NICS Project Status:

 - MOVE: Continued
 - WSC
 - 8/21/2012: Keyset replacement is currently on hold.
 - 8/28/2012: No Status

 - Human Spaceflight Requirements:
 - Turonald Banks / GSFC
 - Kitty Holman, Ken Jones / JSC



AGENDA



- **NSR STATUS:**
- **ISS VIDEO Support:**
 - **NSR 37135:** Provide Two Additional Channels of Downlink Video added to the ground distribution.
 - **9/10/2012:** Activity# 5838 was completed on 09/10/2012 “CONFIGURE TWO ADDITIONAL CHANNELS OF ISS VIDEO ON JSC ENCODERS”.
 - **9/13/2012:** Optibase sent the wrong rear cards, we have analog not digital. We are working to resolve. As soon as the new cards are received we schedule an activity to swap the cards, reboot the chassis and configure the streams.
 - **NSR 37389:** Establish connectivity between the HOSC MEL and NISN's lab in the Annex for joint IPv6 testing.
 - **8/21/2012:** Engineering is working on the implementation schedule.
 - **9/10/2012:** Customer has given ATP . This NSR is in Funding



AGENDA



ISS VIDEO Support:

- **NSR 37463**: ISS Downlink Video has been requested for ZIN Technologies Corporate office. To support Payload.
 - **8/21/2012**: We are waiting on the DCS package for this NSR.
 - **9/10/2012**: The IDR is scheduled for 09/13.

- **NSR 37569**: Move the HOSC area to the NASA production IPv6 Internet to meet 2012 and 2014 mandates. (DRAFT)
 - **9/10/2012**: DSM is scheduled for 09/14/2012



AGENDA



- **Mission WAN Support:**

- **NSR 37178:** Increase the ISSONET (FEPR) Bandwidth between JSC and KSC from 1Mbps to 3Mbps for Orion Flight Test-1 (OFT-1).
 - **9/10//2012:** [In-service Verification] Service is Up and running fully. We can place this NSR In-Service
 - **9/13/2012:** NSR has been 'Placed in Service'.
- **NSR 37329:** Provide Remapping of JSC MOVE circuits Transitions.
 - **9/10//2012:** [Please advise when the Service Acceptance and testing will be completed. CSR has moved the SOS date to 09/21/2012.
 - **9/103/2012:** NSR has been 'Placed In-Service'.
- **NSR 37341:** Provide a 1 Mbps PIP Service from the JSC/MCC to ARC / MMOC, in support of the Surface Telerobotics Comm Plan. (SOS Date 11/01/2012).
 - **9/10//2012:** IP Addresses have been provided to the TPOC at JSC. We are waiting on FDOC scheduling to let us know their scheduled completion date.
 - **9/10/2012:** We are working with JSC FDOC to provide all necessary information needed to complete their task.



AGENDA



IDEA STATUS

- **NSR 37199:** Decommission the IDEA Network. These services are being "transitioned" to the IIGoR Network and the IDEA Network will No Longer be utilized or necessary.
 - **9/10/2012:** Waiting on revised EIP, that will remove the 'TASK' that JSC has for equipment return. That TASK will be done at a later time in 2014.
 - **9/13/2012:** The EIP will not be revised, JSC is responsible to provide an SR to remove and return the router and switches that were used to support the IDEA Network.
- **NSR 37495:** Please create a Service Order to Re-Connect the OOBA for the IDEA – IIGOR Network.
 - **8/28/2012:** This NSR will be 'cancelled', the OOBA service has been restored under NSR 37512
 - **9/13/2012:** This NSR has been 'Cancelled'.
- **NSR 37512:** Configure L2VPNs between MSFC/WSC and WSC/JSC to provide out of band management of the ISS IIGOR Network. (
 - **8/24/2012:** Per CSR, Steve Calvelage, HOSC Network engineer, indicated to me on Friday that the OOBA services were operationally accepted. Closing task. NSR In-Service 8/24.



AGENDA



- **IDEA Status:**
 - **NSR 37564: Provide DCS to support permanent connectivity of the ISS OOBA L2VPN services implemented by NSR 37512 (ON HOLD)**
 - **9/06/2012: Per CSR, put on hold until October 1.**

- **NACAIT Status: Robbie Frazier**

- **Open Discussion:**

- **TRACKING: MPCV / ORION Support – updates to the KSC – Littleton Move keyset extension**
 - **ISS Video Support for the two additional Video Feeds. (NSR 37330) (User HOLD)**

- **NRRP Project:**



Some Shoes **"CANNOT"** be Filled *R.I.P. Neil Armstrong*

