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# Human Space Flight Comm Working Group

## HSF

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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 23<sup>rd</sup>. 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. 4<sup>th</sup>.



# 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.**
    - **8/21/2012: The Activity to install this NSR is being scheduled by the CNOC.**
    - **9/10/2012: Activity# 5838 was completed on 09/10/2012 “CONFIGURE TWO ADDITIONAL CHANNELS OF ISS VIDEO ON JSC ENCODERS”.**
  
  - **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



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## 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).
  - **8/27/2012:** The [Service End to End Testing - GCC] task has been 'CLOSED' by Joseph Anokye
  - **9/10/2012:** [In-service Verification] Service is Up and running fully. We can place this NSR In-Service.
- **NSR 37329:** Provide Remapping of JSC MOVE circuits Transitions.
  - **8/31/2012:** [Circuit Reconfiguration] 8/30/12 ATT UPDATE all activities have been completed for this requirement, waiting worksheets
  - **9/10/2012:** Please advise when the Service Acceptance and testing will be completed. CSR has moved the SOS date to 09/21/2012.
- **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).
  - **8/21/2012:** The DCS has been 'approved', engineering is working on the EIP..
  - **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.



# 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.
  - **8/28/2012:** Waiting on confirmation that all the returned equipment from WSC and MSFC has been received at GSFC
  - **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.
  
- **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
  
- **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**
  
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- **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)**



# AGENDA



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- **NRRP Project:**



# AGENDA



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- **Purpose**
  - **Discussion Highlights**



# AGENDA



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- **Action Items**