



National Aeronautics and Space Administration

Human Spaceflight Comm Working Group

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Agenda

- Updates
- In Process NSRs
- Shuttle Retirement
- Contract Transition (NICS)

NISN Updates

- NetworX transition
 - Vicki Stewart is the NASA Project Manager
 - Bill Ihnat is the UNITeS PM
 - 99 % complete

ISS In-Process NSRs

- NSR 34555: Provide ISS customer with two 300 Mbps Layer 2 Ethernet services between JSC and WSC and MSFC and WSC, and one 150 Mbps Layer 2 Ethernet service between MSFC and JSC through GSFC/WSC
 - Remaining work
 - NISN - In-Service Verification
- NSR 34843: Provide DCS and await ATP for connection (128k command and telemetry services (1384k) to/from Gilmore Creek to GSFC LDCM MOC.
 - AT&T changed the port assignment; there is an existing card that can be used. Per a telecom with NISN, AT&T and FDOC. AT&T said FDOC can use a spare cable in the cabinet to connect the RAD card to the 'new' port assignment.
 - Waiting for AT&T to deliver services and to give port assignments
- NSR 36012: Disconnect (2) DS3's and 1 OC-12 Accru – ring:
 - NISN is looking for a Stop Bill Date of 04/04/2011, for the NISN services that were on that OC12 ring.
- Upcoming NSRs
- NSR 36083 Desert Rats (Mission)
- NSR 36085 Desert Rats (PIP Svc)

ISS Video

- NISN has a “STUDY” NSR in place to ‘Evaluate and Test MPEG4 decoders for ISS Video Service. The ‘current decoder’, AMINO’s 130’s and the A130M’s seem to work well in most of the installations, but we are still having a problem with ‘drop-out’ due to delay at the MSFC HOSC and CSA.
 - NISN ENMC and Engineering continue to troubleshoot Amino lockups
 - TT # 872183 opened for delay, is still being tracked (for Canadian Space Agency (CSA))
- Implemented ISS video viewing capability at:
 - University of Maryland “Micro-heater Array Boiling Experiment (MABE)”
 - UCLA, “Nucleate Pool Boiling eXperiment (NPBX)”
 - Immendstad, Germany in support of CCF
 - ARC, video for the TROPI-2 ISS experiment
 - IOWA State campus, for viewing of the DECLIC experiments

ISS VIDEO

- Near-term
 - GSFC in support of Space Servicing Control Center (DPP and R2D2)
 - Naval Research Lab (NRL), HREP POCC to support Hyperspectral Imager for the Coastal Ocean HICO-RAIDS Experiment Payload (HREP)
 - Purdue University, in support of CFE-2
 - YALE University, for the Structure & Liftoff in Combustion Experiment (SLICE)

- Future
 - JPL in support of VCAM
 - Canada in support of SpaceDRUMS
 - ISS Video Feeds to CERN (questionable)

Shuttle Retirement



NASA Integrated Communications Services NCIS

CONTRACT RELEASE: C11-014

NASA MAKES SELECTION FOR INTEGRATED COMMUNICATIONS SERVICES WASHINGTON –

NASA selected Science Applications International Corporation (SAIC) of McLean, Va., for the NASA Integrated Communications Services (NICS) contract.

SAIC will provide managerial and technical expertise to support NASA's Office of the Chief Information Officer (CIO) for corporate and mission communications needs, including local area network management at all NASA centers. Functions include corporate and mission enterprise services; center and associated component facility services; infrastructure projects; and contract management services.

The contract is a follow-on effort for numerous agency and center contracts, including the Unified NASA Information Technology Services (UNITeS) contract and portions of the Outsourcing Desktop Initiative for NASA contracts.

NASA awarded a purchase order to SAIC for performance of phase-in activities to transition from existing contracts to NICS. This purchase order covers phase-in activities through May 31.

The NICS contract is part of the NASA Information Technology Infrastructure Integration Program, also known as I3P, managed by the agency's CIO. There will be a three-year base period, followed by one two-year option; one three-year option; and one two-year option period. The options may be exercised at NASA's discretion.

The NICS contract is a cost-plus-award-fee/incentive-fee contract, with an indefinite- delivery/indefinite-quantity (IDIQ) feature. The base award of this contract is \$340 million. The maximum potential value of this contract if all options are exercised, including the maximum IDIQ value, is \$1.3 billion.