



National Aeronautics and Space Administration

Human Spaceflight Comm Working Group

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Agenda

- Updates
- In Process NSRs
- Shuttle Retirement

NISN Updates

- Seaton is retiring, effective 9/15
- NISN PSLAs are in customer review cycle
- NetworX transition
 - Vicki Stewart is the NASA Project Manager
 - Bill Ihnat is the UNITeS PM

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
 - Juniper router software upgrades
 - GSFC completed 07/23/10
 - WSC completed 07/27/10
 - JSC completed 08/19/10
 - MSFC completed 08/20/10
 - Circuits moved from MSFC Accuring
 - DNEM-502297 KSC to MSFC 09/01/10
 - DNEM-502298 MSFC to JSC 09/01/10
 - DNEM-502299 MSFC to JSC TBD
 - DNEM-502296 MSFC to Wallops 08/25/10
 - OC-12 between GSFC and MSFC activated 08/31/10
 - Remaining work
 - WSC Carrier activation of OC-12s 09/14/10
 - NISN Testing and acceptance 09/14/10-09/17/10
 - NISN Layer 2 Ethernet services to ISS customer NLT 09/30/10
- eFDP installation at WSC scheduled for 10/01/10-10/03/10 (MFSC activity)

ISS Video

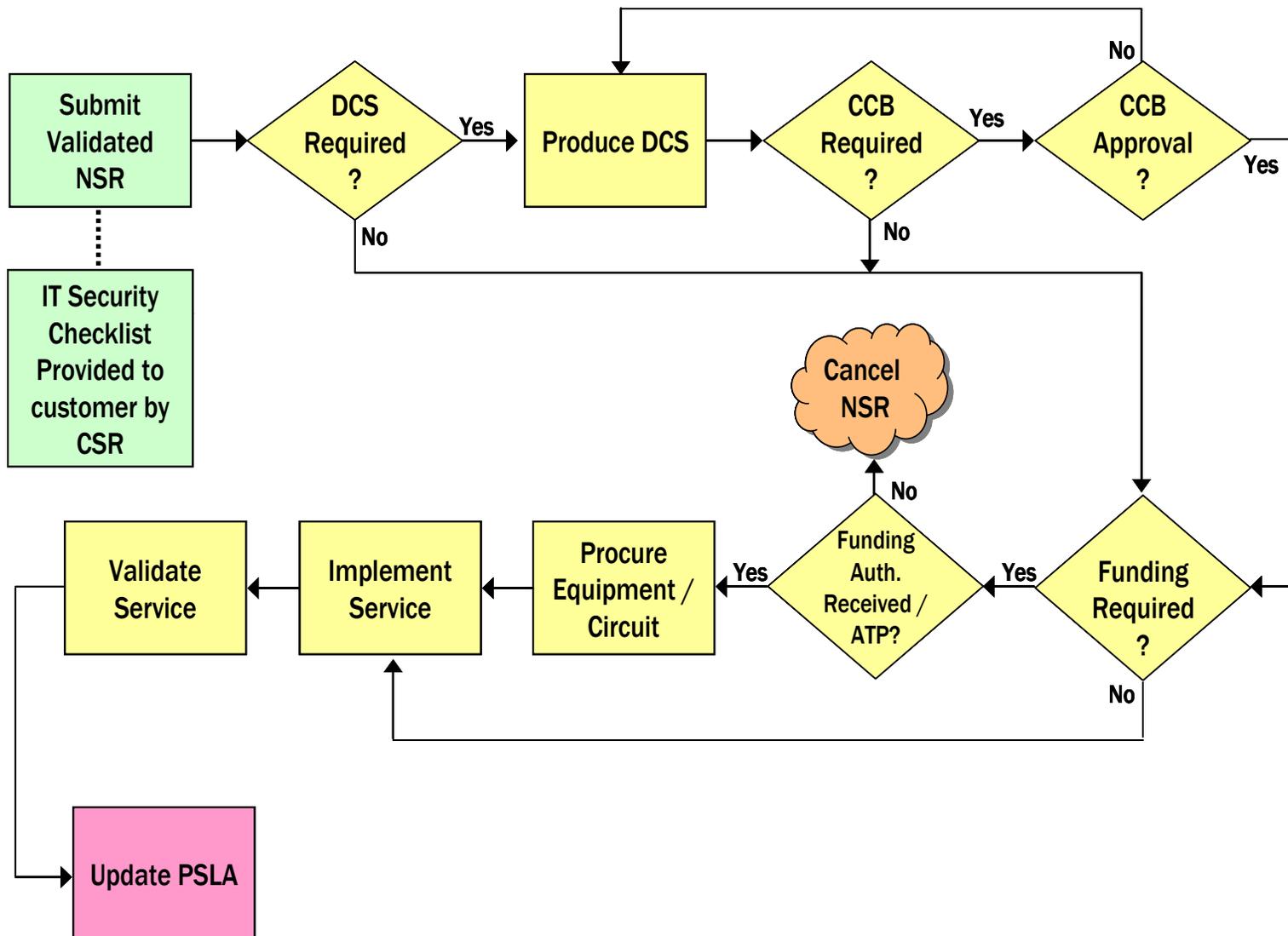
- Installation of Amino encoders/decoders at CSA, MSFC HOSC, and Glenn Telescience Center complete June 2010
 - NISN ENMC and Engineering continue to troubleshoot Amino lockups
 - New TT opened for delay
- Implemented ISS video viewing capability at
 - University of Bremen in support of Capillary Channel Flow Experiment
 - University of Kentucky in support of Cube Lab
- Near-term
 - Immendstad, Germany in support of CCF
 - JPL in support of VCAM
 - Canada in support of SpaceDRUMS
- Future
 - GSFC in support of Space Servicing Control Center (DPP and R2D2)

Shuttle Retirement

- NSR 35732: Disconnect all Shuttle data and voice services at OAS
 - Circuit IDs
 - FDDJ967633: 9.6 circuit between JPL and OAS
 - DHEM-524751: T-1 between JPL and OAS
 - DHEM-524752: T-1 between JPL and OAS
 - DHEM-524753: T-1 between OAS and WSGT
 - Service IDs
 - Voice between GSFC and OAS
 - GONZ-00063, GONZ-58600N, GONZ-58601N, GONZ-58602N, GONZ-58603N, GONZ-58604N, GONZ-58605N, GONZ-58606N, GONZ-58607N, GONZ-58608N, GONZ-58609N, GONZ-58610N, GONZ-58611N, GONZ-58612N, GONZ-58613N, GONZ-58614N, GONZ-58615N, GONZ-74563N
 - Recover NISN equipment: Four SCDs, two Nortel ASN routers, and two 3Com hubs
 - Recover PTPs

Back-up

NSR Process Flowchart



NISN Service Owners

NISN Service	NISN Service Owners		UNITeS Service Managers	
	Primary	Alternate	Primary	Alternate
Conferencing Services (Video, Voice and Web)	Kathy Hatley 256-544-6571 kathy.hatley@nasa.gov	Beth Paschall 256-544-2930 beth.paschall@nasa.gov	Pat O'Neill 256-961-9410 patrick.k.oneil@nasa.gov	Jeff Hale 256-961-9337 jeffery.d.hale@nasa.gov
Mission Intrusion Detection System	David Bloom 301-286-4676 david.d.bloom@nasa.gov	Chris Spinolo 301-286-7552 chris.spinolo@nasa.gov	Mike Leahy 301-286-8468 michael.a.leahy@nasa.gov	Charlie Powell* 301-286-5117 charles.e.powell@nasa.gov
Switched Voice Services (SVS)	Kathy Hatley 256-544-6571 kathy.hatley@nasa.gov	Beth Paschall 256-544-2930 beth.paschall@nasa.gov	Mike Dauphinais 256-961-9482 mike.dauphinais@nasa.gov	Greg Oden 256-961-9460 gregory.a.oden@nasa.gov
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Network Timing Protocol (NTP)	Carol Bryant 256-544-3147 carol.s.bryant@nasa.gov	Kathy Hatley 256-544-6571 kathy.hatley@nasa.gov	Michael Neblett 256-961-0520 michael.w.neblett@nasa.gov	Chris Knoell 256-961-9355 chris.knoell@nasa.gov

NISN Service Owners

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