

Video Teleconference (VTC) Ops

Braden Kimball

2/04/2010

OCA/VTC Equipment Upgrade

- Our OCA/VTC equipment upgrade is complete and we have switched to the new OCA system.
- The new OCA PCs, OCA PC cameras, A/V Switch, A/V Switch user interface 'Nvision' (power router replacement), new CODECs (Polycom VSX 8000 – Shuttle side) have all been installed on both the ISS and Shuttle consoles.
- As part of this upgrade, our IP lines were installed on the ISS side and Marshall Bridge is no longer necessary for IP calls.

OCA/VTC Equipment Upgrade (cont.)

- We now have 4 CODECs in the MPSR (2 on ISS side & 2 on STS side). The STS CODECS do not have ISDN or IP connectivity at this time. The final plan is:
 - Each of the 4 CODECs have both ISDN & IP capability.
 - Each side (ISS & STS) will have 1 of the new VSX 8000 CODECs and 1 of the current 'old' CODECs.
 - The new VSX8000 CODECs will be prime for FIPS 140-2 Encryption conferences, such as PFCs. The VS4000 CODECs will be prime for conferences that do not require FIPS 140-2 Encryption, such as CDEs.
 - The STS side CODECs will be backups for our ISS side CODECs.

Salvo Updates

- Added 4 salvos for convenience of operator. Audio and Video:
 - DVR1 → TV1, DVR2 → TV2,
 - DVR1 → TV2, DVR2 → TV1
- Took the Mixed Audio out of the CODEC and put it into the A/V switch, so that the Audio thru CODEC Salvos could use this audio for recording instead of the 'back-up cable config' (bringing up the left-most DVIS).
 - Note: if audio is through the CODEC is on any loop other than ISS Private 2, you' need to have Comm Tech swing that loop into OCA line 3 (the audio line into our MPSR) in order to record audio. Alternatively, you can manually patch the left side DVIS of the ISS console to the DVR through the Salvo control panel (the backup cable is no longer needed).

Service/Change Request Status

- SR to extend the screensaver on the OCA PC was approved and implemented. Each user can now change the default sleep time.
- Kenny Rafanan submitted SRs to have ISDN and IP lines installed on the STS side.