

DSMC Overview

DSMC Overview



- **The SN and GN scheduling systems located at the Network Control Center (NCC) and Wallops Scheduling Office (WSO) will be relocated to the DSMC.**
- **The GN transition from WSO Scheduling to DSMC will be a parallel operation with the legacy customers transitioning first, automated customers second and STS and ISS last.**
- **The SN transition from the NCC to the DSMC will be a 21 day process that will align with the SN scheduling calendar.**
- **A detailed SN fall-back plan, which will allow for a contingency handover back to the NCC if necessary, has been developed.**
- **Changes required of the STS and ISS Mission Control Centers during the transition will be coordinated well in advance of the cutover and will consist of NISN IP address changes and Scheduler call sign changes.**

DSMC Overview

(continued)



- **Real time customer command and telemetry data flow will not be affected.**
- **NISN data and voice control will remain at GSFC and the services provided will not change.**
- **FDF will remain at GSFC and the services provided will not change.**
- **Mission Planning and Network Integration and Analysis (NIA) functions will remain at GSFC and Goddard Corporate Park (GCP).**

DSMC Transition Milestones



- **NCC GN Scheduling function has been merged with the WSO.**
- **WSO GN Scheduling operations for STS are scheduled to transition to the DSMC during the STS-108 mission in November and December 2001.**
- **Most NCC Operations functions that do not require the NCCDS have transitioned to the DSMC.**
- **The DSMC Operations Readiness Review (ORR) will be held in February 2002.**
- **NCC Scheduling and vector management functions will transition to the DSMC following the ORR. STS vector management training for WSC Ops and the WSC Orbit Analyst has been initiated and is estimated to be completed in late 2001. The NCC TM and Jim Cappellari of the FDF are providing the vector management training of WSC personnel.**
- **GN and SN scheduler training is ongoing.**

DSMC Transition Risk Mitigation



- **To ensure that WSC operations personnel are adequately trained on STS launch vector management requirements, Jim Cappellari and WSC Operations Management will identify the STS mission for which WSC personnel will begin performing in a stand-alone capacity.**
- **Based on the current STS launch schedules, DSMC GN Schedulers will produce parallel schedules for STS-104 and STS-105 while Wallops produces parallel schedules for STS-108. Following STS-108 WOW, a transition readiness review will be held and, pending the approval of the TRR, the scheduling hardware at WFF will be dismantled.**
- **Following the SN scheduling handover in February 2002, STS-110, STS-107 and STS-111 will be supported by the DSMC with the NCC providing a contingency fallback capability.**
- **To avoid impact to critical customer activities, all critical activities will be factored into the DSMC Master Transition Schedule.**

DSMC Transition Risk Mitigation



- **All critical customer activities (i.e., launches, HST Servicing Missions, etc.) should be forwarded to your Customer Service Representative (CSR) for inclusion into the DSMC Master Schedule. Any changes in customer schedules should be coordinated as soon as practical.**
- **CSRs will be kept current on the progress of DSMC activities and all CSRs will be provided the latest DSMC Master Schedule.**
- **DSMC Operations Points of Contact:**
 - **Steve Sypher (505) 527-7075**
 - **Bob Hudgins (505) 527-7078**