

National Aeronautics and Space Administration



Goddard Communications Center (GCC)

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fdf.gsfc.nasa.gov

Flight Dynamics Facility
NAVIGATION & MISSION DESIGN BRANCH
NASA GSFC



Goddard Communications Center



- GCC is NOT the network communications center managed by Code 700 at GSFC
- The GCC is a Communications hub at GSFC that provides
 - Distribution of briefing messages, ISI, NAMs to the NASA networks and missions
 - Acts as a conduit for Two Line Elements, B3 tracking, Break-up messages and other messages from USSTRATCOM for approved ODR customers
 - Some users receive real-time elset updates (i.e. for launches)
- Up through FY12, funding and management of the GCC was under the NASA Space Network (SN)
- Beginning in FY13 GCC will no longer be funded entirely by the NASA SN
 - Funding will need to come from users
 - Largest user of GCC is USSTRATCOM
 - Accounts for 95% of messages
 - FDF will be managing the GCC beginning in FY13

GCC Transition Status



- Air Force has agreed to provide FY13 funding
- Current GCC task is being extended until end of calendar year
 - Operational support for GCC only
 - This support will move to the FDSS contract January 2013
 - Software and hardware support to come under FDSS contract beginning October 1
- Working with NIMO to move NASA messages going through GCC to other distribution methods
 - Distribution of Briefing Messages, ISIs, NAMs and other network messages will be done via the CDS after December 2012
 - Distribution of FDF originated messages to transition to email starting in October
 - Coordinate with remaining NASA message originators for alternate distribution of messages
 - Target date of December 2012 for establishing alternate distribution of these messages