



February 14, 2012

Office of Engineering and Technology  
Federal Communications Commission  
445 12th Street SW, Washington, DC 20554

Subject: FCC Special Temporary Authority Application for the Cygnus Spacecraft

This memorandum forms part of Orbital Sciences Corporation's (Orbital) application for a Special Temporary Authority for the Cygnus spacecraft. Orbital is developing the Cygnus spacecraft for the NASA Commercial Orbital Transportation Services (COTS) Space Act Agreement and Commercial Resupply Services (CRS) contracts. Orbital respectfully requests an expedited review and processing period in light of the recent decision to change frequency licensing from NTIA to the FCC. This letter is an attachment to the STA application which can be found on the FCC Electronic Licensing System using the following search parameters:

FRN: 0016225740  
Form 442 File Number: 0136-EX-ST-2012  
Date of Submission: February 14, 2012

Orbital has previously filed for an Experimental License for the Cygnus spacecraft using the OET Experimental Licensing System e-File Site. The Experimental License application can be found on the FCC Electronic Licensing System using the following search parameters:

FRN: 0016225740  
Form 442 File Number: 0548-EX-PL-2011  
Date of Submission: November 2, 2011

The Experimental License application is undergoing further review, however, the application (Form 442) and Attachment 1 to the application provide additional technical data about the Cygnus radios in support of this STA application.

This document does not contain "technical data" as defined in the ITAR, 22 CFR 120.10.