

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Gogo LLC (“Gogo”) hereby requests extension and expansion of the special temporary authority (“STA”) it was granted by the Commission¹ to operate a total of four technically identical transmit/receive earth stations in the conventional Ku-band (14-14.5 GHz uplink and 11.7-12.2 GHz downlink). Grant of the requested STA is consistent with Commission precedent and will serve the public interest by enabling Gogo to evaluate the terminals’ operational performance prior to full-scale deployment of Gogo’s planned Aeronautical Mobile Satellite Service (“AMSS”) network.

Gogo has filed an application for a blanket license for AMSS operations.² That application includes complete technical information regarding the Gogo AMSS system and fully describes the AeroSat terminals that will be used in this testing. Gogo incorporates that information by reference herein.

Pending Commission action on the Gogo AMSS blanket license application, Gogo requested and received Commission authority earlier this year to begin ground-based testing of the AMSS terminal at and near the Gogo headquarters in Itasca, IL and the AeroSat facility in Amherst, NH. Specifically, the Commission authorized Gogo to communicate with the SES-1 spacecraft using terminals placed on the roof of each building and to perform mobile testing using terminals positioned on vehicles operated at typical street and highway speeds.³

Gogo herein seeks extension of the existing authority for an additional 60-day period. Gogo also proposes to perform testing using capacity on a second spacecraft: spot beam 2 of the NSS-703 satellite located at 47.05° W.L.⁴ In order to accommodate the schedule for the planned testing using NSS-703, Gogo respectfully requests action on this STA request by October 22.

Grant of the requested authority will not adversely affect other licensed operations. Affidavits confirming that the proposed operation of the AeroSat terminals has been coordinated with operators of the satellites within six degrees on either side of both SES-1 and NSS-703 are already on file with the Commission.⁵ Gogo has also entered into a coordination agreement with the National Science Foundation to protect radioastronomy operations.⁶ In any event, Gogo

¹ *Gogo LLC*, Call Sign E120106, File No. SES-STA-20120727-00698, granted Aug. 29, 2012 (the “Gogo Testing STA”).

² *Gogo LLC*, Call Sign E120106, File Nos. SES-LIC-20120619-00574; SES-AMD-20120731-00709 & SES-AFS-20121008-00902 (the “Gogo AMSS Application”).

³ *See* Gogo Testing STA, Narrative at 1.

⁴ The coverage pattern of this beam will conform to the parameters described in Gogo’s most recent amendment. *See Gogo LLC*, Call Sign E120106, File No. SES-AFS-20121008-00902, Narrative at 5-6 and Annex 1.

⁵ *Gogo LLC*, Call Sign E120106, File No. SES-AMD-20120731-00709, Amendment Exhibit A.

⁶ *Id.*, Amendment Exhibit B.

seeks to operate on an unprotected, non-harmful interference basis, so operations pursuant to the requested STA will not harm other regularly licensed Ku-band spectrum users.

Grant of the requested authority is consistent with prior Commission actions⁷ and will serve the public interest by permitting Gogo to continue developing a competitive AMSS network that will enhance service to air travelers and airline crew members.

⁷ The International Bureau has previously granted special temporary authority for other entities to perform testing of AMSS terminals pending regular licensing of AMSS operations. *See, e.g., Row 44, Inc.*, File No. SES-STA-20071121-01610, grant-stamped Dec. 11, 2007 (30-day STA for testing of AMSS terminal).