

APPLICATION

SES Government Solutions, Inc. ("SES-GS") requests modification of its license for its C-band earth station call sign E980347 in Fort Belvoir, Virginia to update the coordinates and to add to the license several existing Ku-band antennas located at this site that are currently authorized under three separate call signs, E890253, E960490, and E010257. Pursuant to Section 25.117(c) of the Commission's rules, SES-GS is providing herein information that is changing as a result of the modification and certifies that the remaining information reflected in the E980347 license has not changed.

The Commission has stated that in order to improve the accuracy of the International Bureau Filing System ("IBFS"), it recommends that earth station licensees use World Geodetic System 1984 ("WGS84") datum to specify site coordinates and has suggested that applicants for renewal or modification of earth station licenses provide coordinates based on WGS84.¹ For the 8.1 meter C-band antenna licensed under E980347, the coordinates according to WGS84 are:

38° 43' 39.6" N, 77° 08' 44.3" W

SES-GS has supplied these coordinates in items E11 and E12 of the Form 312 Schedule B.

Also at this location (within ten seconds of latitude and longitude) are the following Ku-band antennas: an 8.1 meter antenna currently licensed under call sign E890253, a 4.6 meter antenna currently licensed under call sign E960490, and a 7.6 meter antenna currently licensed under call sign E010257. For administrative efficiency and as permitted by Commission rules,² SES-GS seeks to consolidate these four licensed antennas under a single call sign. SES-GS asks that the Commission terminate the E890253, E960490, and E010257 licenses once the antennas covered by those licenses have been incorporated into the SES-GS E980347 license.

¹ See International Bureau Addresses Accuracy of Earth Station Location Information in IBFS, DA 17-1127, rel. Nov. 21, 2017.

² See 47 C.F.R. § 25.130(g).

Below is a Google Earth screen shot confirming the presence of the antennas at these coordinates.



This modification merely reflects an update to WGS84 coordinates for a C-band antenna that has been licensed and operational since the late 1990's and the addition of existing Ku-band antennas to that license. No other change to the license is being sought. Furthermore, there have been no complaints regarding interference relating to the operations of E980347, nor has SES-GS experienced unacceptable interference. Because the E980347 C-band antenna has been successfully operating since it was originally coordinated and licensed (and no coordination is required for the conventional Ku-band operations of the antennas currently licensed under call signs E890253, E960490, and E010257), no new coordination report should be required in support of this modification application.