

Exhibit A

FCC Form 312, Response to Question 43: Description

Ellenwood, Georgia Earth Station; Call Sign E030175

In this modification application, Intelsat License LLC requests the following changes:

- 1.) Add Galaxy 30 (Call Sign S3016) as a new point of communication.
- 2.) Add two new carriers—one telecommand and one telemetry carrier. These carriers are within the current licensed and coordinated frequency bands, arc, and EIRP-density levels.
- 3.) Change the antenna ID from 1 to ATL-C36.

Additionally, per the Federal Communications Commission's guidance,¹ Intelsat provides the earth station coordinates based on WGS84 datum as an exhibit to this modification application.



E030306 is located at the following WGS84 coordinates:

33° 39' 50.8," -84° 16' 24.8"

The current license and the Schedule B for this application provides the coordinates in NAD83. The above screen shot shows the antenna location.

¹ *International Bureau Addresses Accuracy of Earth Station Location Information in IBFS; Provides Guidance to Earth Station Licensees and Applicants*, Public Notice, DA 17-1127 (rel. Nov. 21, 2017).