

Modification of Coordinates

Skynet Satellite Corporation (“Skynet”), seeks to modify its license for earth station call sign E000706 by updating the licensed coordinates. Pursuant to Section 25.117(c) of the Commission’s rules, Skynet is providing information that is changing as a result of the modification and certifies that the remaining information reflected in the license has not changed.

The Commission 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 call sign E000706 the WGS84 coordinates, as set forth in items E11 and E 12 of Schedule B to form 312, are as follows: 38° 43' 48.2" N 078° 39'30.3" W.

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



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

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The updated coordinates for E000706 are within 1 second (in one case if rounded to the nearest second) of the coordinates for the following C-band earth stations licensed to Skynet or an affiliated company.

E070265, a 3.8 m earth station located at 38° 43' 47.6" N, 078° 39' 30.3" W.²

E080148, a 10 m earth station located at 38° 43' 47.9" N, 078° 39' 29.1" W.³

Neither Skynet nor any of its affiliated companies has received interference complaints regarding these other facilities, which are coordinated and have been operating successfully. Similarly, Skynet has not received any interference complaints regarding E000706, which is the subject of this modification application. E000706 was originally coordinated and licensed in 2002 and has been successfully operating since then as well.

It is Skynet's understanding that in these circumstances no new coordination is required in connection with updating the coordinates for E000706.⁴

² Skynet Satellite Corporation, call sign E070265, File No. SES-LIC-20071120-01603.

³ Telesat Network Services, Inc. call sign E08148, File No. SES-LIC-20080623-00838.

⁴ Cf. 47 C.F.R. § 25.118(a)(4)(vi) (in bands shared with terrestrial services, earth station licensees may change previously-authorized coordinates by up to one second in longitude and/or latitude without seeking prior FCC authority).