

Modification of Coordinates

Telesat Network Services, Inc. ("TNSI"), seeks to modify its license for earth station call sign E990277 by updating the licensed coordinates. Pursuant to Section 25.117(c) of the Commission's rules, TNSI 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 E990277 the WGS84 coordinates, as set forth in items E11 and E 12 of Schedule B to form 312, are as follows: 38° 43' 47.1" N 078° 39' 29.3" W.

Below is a Google Earth screen shot confirming the presence of the licensed antenna at these WGS84 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 E990277 are within 1 second of the coordinates for the following C-band earth stations that are licensed to TNSI or an affiliated company:

E080148, a 10 m earth station located at 38° 43' 47.9" N, 078° 39' 29.1" W.²

E070265, a 3.8 m earth station located at 38° 43' 47.6" N, 078° 39' 30.3" W.³

Neither TNSI nor any of its affiliated companies has received interference complaints regarding these other facilities, which are coordinated and have been operating successfully. Similarly, TNSI has not received any interference complaints regarding E990277, which is the subject of this modification application. E990277 was originally coordinated and licensed in 1999 and has been successfully operating since then as well.

It is TNSI's understanding that in these circumstances no new coordination is required in connection with updating the coordinates for E990277.⁴

² Telesat Network Services, Inc., call sign E080148, File No. SES-LIC-20080623-00838.

³ Skynet Satellite Corporation, call sign E070265, File No. SES-LIC-20071120-01603.

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).