

To: Simon Molgat Laurin
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From: Hung Le
Date: March 26, 2021

Subject: Request for Info - File # 0438-EX-ST-2021

Message:

The following information are requested:

1. Please provide the degree, minute, second of NL and WL for the coordinate (44.6154N, 124.0676W). Please provide the Radius of Operation (km or miles) around or at the centered of 44.6154N, 124.0676W.
2. Please amend your power 35.33kW (ERP) To 21527.8 W (ERP) (=45.5 dBW EIRP)
3. The incumbent GSO ESV stations (located at water/sea/conus) operate within the range of EIRP from 24.91 to 45.5 dBW or higher and communicate with any GSO satellites in the 14-14.5 GHz. Applicant proposes to operate a 65cm NGSO ESV station with EIRP of 45.5 dBW; which is 20.59 dBW higher than the power authorized to the incumbents GSO ESV stations. Please provide interference analysis to demonstrate how operations (EIRP and EIRP density) of NGSO ESV station specifically would not cause harmful interference to incumbent GSO satellites providing ESV service.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of March 26, 2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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