

ATTACHMENT
Form 405
WI2XDV LICENSE RENEWAL NARRATIVE

prepared for
University of Alaska – Fairbanks
Geophysical Institute
FRN: 0025173931

The High-Frequency Active Auroral Research Program (HAARP) facility located in Gakona, Alaska is dedicated to furthering understanding of the processes and mechanisms that inhabit the upper atmosphere. It is operated and funded by the Geophysical Institute at the University of Alaska – Fairbanks (“UAF”).

The applicant requests the renewal of WI2XDV (file number 0002-EX-PL-2016) for its ionosonde device. Specifically, the device is a DPS-4D Digisonde manufactured by Lowell Digisonde International. This device will continue to support ionospheric research in the 1 to 40 MHz range to enable better prediction of ionospheric conditions and to understand the plasma physics of the solar-terrestrial interaction of the Earth’s atmosphere and magnetic field with the solar wind.

In the preparation of this application, it was discovered that the geographic coordinates are not correct on the original license. It is unknown how the originally filed coordinates were derived. There is an attachment in the OET Experimental Licensing System that corrects a typo in the Latitude from 63 degrees to 62 degrees. The facility has been at the same location it was originally constructed, and no actual location change is proposed herein. The coordinates below represent the transmit antenna for the ionosonde device.

NL 62-23-52; WL 145-09-31 (NAD 83)

The current contact for the licensee as indicated on the Form 405 is:

Jessica Matthews
HAARP Program Manager
2156 Koyukuk Drive
Fairbanks, Alaska 99775
(907) 474-5099
jamatthews02@alaska.edu