From:	Sanchez, Luis G (Guillo) CIV USARMY NETCOM (US)
To:	Hankins, Danny
Cc:	Sanchez, Edwin (Ed) CIV USARMY NETCOM (US)
Subject:	Transmit Differential GPS (DGPS) @ Wichita KS, Houston TX, Lincoln NE & Omaha NE from 8/1/2017 thru 10/1/2017 (UNCLASSIFIED)
Date:	Thursday, May 25, 2017 9:54:53 AM

CLASSIFICATION: UNCLASSIFIED

Dan,

I going to recommend to change the frequency to 227.7 MHz

If you OK use the coordination below.

AFMO-US&P CONCUR WITH TRANSMIT DIFFERENTIAL GPS (DGPS) AT WICHITA KS, HOUSTON TX, LINCOLN NE AND OMAHA NE FROM 8/1/2017 THRU 10/1/2017. COORDINATION NUMBER AFMO170392//GUILLO-LUIS.G.SANCHEZ10.CIV@MAIL.MIL-210-221-0454//

V/R
Guillo
Office:
COM: 210-221-0454
DSN: 312-471-0454
Fax: 2844

-----Original Message-----
From: Hankins, Danny [mailto:dhankins@txtav.com]
Sent: Wednesday, May 24, 2017 11:02 AM
To: Sanchez, Luis G (Guillo) CIV USARMY NETCOM (US) <luis.g.sanchez10.civ@mail.mil>
Cc: Sanchez, Edwin (Ed) CIV USARMY NETCOM (US) <edwin.sanchez1.civ@mail.mil>
Subject: [Non-DoD Source] Coordination Request

Hi Guillo,

We are applying for an experimental STA to do certification and customer acceptance testing at four airport locations. The transmitter is used to transmit Differential GPS (DGPS) correction data, and will be placed on airport property at each of the locations. The testing is expected to take approximately 18 hours at each location, but that could be split up depending on the weather and other factors. The transmitter is limited to a 10 MHz tuning range centered at 229.7 MHz. We are requesting one frequency to be used at all locations, if possible. The request parameters are as follows:

Locations

1. Wichita, KS (ICT) within 3 km of 37-39-12 N, 097-25-51 W

2. Houston, TX (IAH) within 3 km of 29-58-44 N, 095-19-26 W
3. Lincoln, NE (LNK) within 3 km of 40-50-58 N, 096-45-41 W
4. Omaha, NE (OMA) within 3 km of 41-18-18 N, 095-53-36 W

Parameters
Transmit Power: 2.5 W
Emissions: 8K00F1D
Frequencies: A single frequency between 224.7 MHz and 234.7 MHz
Antenna Gain: -5 dBi
Antenna Height AGL: 2 meters
Required Date: 8/1/2017
End Date: 10/1/2017

I will submit the FCC application after you send me the frequencies you select.

Thanks,

Dan Hankins
Spectrum Manager - Sr
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