

1. Introduction

By the instant application (“STA Request”), BAE Systems Information and Electronic Systems Integration Inc. (“BAE Systems”) requests that the Commission grant Special Temporary Authority (“STA”) to permit BAE Systems to operate the facilities (the “Facilities”) specified in the instant STA Request, for a two month period from 3/5-5/4/2018, or until such earlier time as the simultaneously-filed Modification Application (described below) is granted by the Commission.

In a separate filing, a Modification Application is being filed under File No. 0024-EX-CM-2018 with respect to Station WD2XDP to modify the license to correct the geographic coordinates to 40-42-12 N.Lat.; 74-52-11 W.Long. (NAD83)¹ and to address the updating of other technical parameters.

This STA Request is being filed with the Commission to seek authority to operate for a temporary two month period from 3/5-5/4/2018, in the event that the Modification Application is not granted by March 5, 2018. This two month temporary period is requested because in the near term BAE Systems is required to perform testing both in March (strongly preferred between March 5-9, but no later than March 16) and then again in April for another week of (currently unscheduled) testing.

If the Modification Application is granted prior to March 5, 2018, then this STA Request can be dismissed as moot.

2. Purpose of Operations

These antenna testing operations relate to Station WD2XDP, which supports the following contract:

Contract Number: N00019-15-C-0038
Agency Customer: NAVAIR, PMA-213
Contract POC: Michael Hurley; POC: michael.s.hurley@navy.mil; 301-342-5998

3. Directionality/Orientation:

Width of Beam in Degrees at Half-Power Point	Orientation in Horizontal Plane (degrees from True North)	Orientation in Vertical Plane (degrees from Horizontal)
3.78-3.57°	161°	0°

¹ Note that the WD2XDP transmitter is not being moved, this is only a minor correction of the coordinates on the license to reflect the actual location of the transmit tower. Lockheed Martin, which had previously licensed these facilities under (now expired) call sign WA2XSS (and before that KK2XGG), had specified the transmitter coordinates (as listed on the current license) in NAD27 format. In 2003, BAE Systems re-licensed the facilities under the current call sign Station WD2XDP, and at that time BAE Systems identified the same coordinates, also in NAD27 format. While recently preparing FAA coordination materials for the newly-implemented WebFCR system, BAE Systems discovered that both the NAD27 coordinates specified on the companies’ applications, as well as the actual NAD83 coordinates for the transmitter, are slightly different than the actual transmitter location – by about 1.5km. BAE Systems is filing the Modification Application (and this STA Request) to ensure that the WD2XDP license accurately reflects the actual transmitter location in NAD83 format.

4. Stop Buzzer

The designated point-of-contact to terminate the system if having interference occurs is BAE Systems Emergency Services Center at (603) 885-3842.