

## Exhibit 2

### **Response to Item 4 on Antenna Registration Form and Other Issues**

In response to Item 4 on the instant Antenna Registration Form, the applicant confirmed that authority to operate a directional antennal is being requested. In response to sub-items (a)-(c) of Item 4, the applicant states as follows:

(a) Width of beam in degrees at the half-power point: 80° (worst case)

(b)-(c) Orientation: The orientation of the antenna is as follows:

Transmit - 42° 48' 40.6" N.Lat.; 71° 27' 24" W.Long.

Receive - 42° 48' 44.8" N.Lat.; 7°1 29' 23.0" W.Long.

It is noted that the requested transmitter will be stationary and will point straight to the receive antenna with a 0° horizon angle.

In addition, the following additional issues are addressed in connection with the instant application:

1. In connection with the prosecution of the prior STA request for which BAE SYSTEMS received approval at the same locations, and on the same frequencies (See File No. 0509-EX-ST-2003 (WB9XWZ)), BAE SYSTEMS was asked about the "point of communications" for the Facilities. This is to confirm that the issue regarding point of communications was resolved at that time pursuant to a telephone conversation between BAE SYSTEMS' Tracy Johnson and the Commission's Mrs. Shanaz Ghavami. Specifically, Mr. Johnson contacted Ms. Ghavami and responded to her questions. It is BAE SYSTEMS' understanding that Mr. Johnson's responses satisfactorily resolved the issues identified by Ms. Ghavami. BAE SYSTEMS notes that the Commission's Mr. John Kennedy was involved in a telephone conversation between BAE SYSTEMS and Ms. Ghavami at that time, and that Mr. Kennedy advised BAE SYSTEMS at that time that the issues would be noted as resolved in the Commission's records.

2. In demonstration that BAE SYSTEMS will ensure that interference will not be caused to existing services by this experiment, BAE SYSTEMS hereby advises the Commission that the tests to be conducted under the requested Commission authorization are to be conducted outdoors, in the center of BAE SYSTEMS' Merrimack, New Hampshire facilities. Such location will result in the separation of the test facilities from other existing transmit or receive facilities. BAE SYSTEMS' Brian Egan will be personally conducting the test and will be available by wireless telephone at (603) 566-4879. Mr. Egan will act as a "stop buzzer" if any issues regarding interference arise during testing.