

Exhibit 1

This Modification for Station WF2XGY is being submitted in order to address the following items:

- Update the “seconds” in the centerpoint geographic coordinates to specify:

38-51-**28** N.Lat.; 086-30-**53** W.Long.

- Specify the operations as **“Temporary Fixed”** with a radius of **.31km** around the centerpoint coordinates.

- Add the new frequency ranges of:

3250-3450 MHz

4400-4940 MHz

5150-5350 MHz

5470-5850 MHz

9200-9700 MHz

35 GHz

- Confirm that the current US government contract information associated with the license is as follows:

Agency: NSW, Crane

Contract Numbers: **N00178-04-D-4119 FC50**
N00178-04-D-4119 FC51
N00178-04-D-4119 FC55
N0016420F3008

Government POC: Jared Evans, 812-854-3651

It is requested that Special Condition 5 be updated to reflect this information.

- Pursuant to Section 5.77(b) of the Commission's rules, update the Transmitting Equipment list with the additional equipment listed below in **red**:

Manufacturer	Model Number	No. Units	Experimental
Systems & Electronics Inc.	AN/PPS-5C	4	No
Domino Inc. & E-System	AN/GSQ-257	4	No
FLIR	Ranger R3D/STS-1400D	6	No
FLIR	Ranger R8SS-3D Surveillance Radar	6	No
FLIR	Ranger R20SS Surveillance Radar	6	No
FLIR	Ranger R20SS X-Band Radar	6	No
Cambium Networks. Inc	PTP54600	20	No
Cambium Networks. Inc	PTP45600	20	No
Cambium Networks. Inc	PTP54700	20	No
RADA ELECTRONIC INDUSTRIES INC	RPS-62	4	No

- Provide the following information for the non-radar directional antennas being used in the experiment:

Type	Half Power Beam Width		Orientation	
	Horizontal	Vertical	Horizontal	Vertical
PTP54600*	8°	8°	Multiple	Multiple
PTP45600*	11°	11°	Multiple	Multiple
PTP54700*	10°	10°	Multiple	Multiple

***Integrated antenna**

- Update the distance to the nearest aircraft landing area to: **.17km**