

**BAE Systems Information and
Electronic Systems Integration Inc.**

File No. 0391-EX-ST-2005

Notification

At Exhibit 1 (Pages 5-6) to the application (“Application”) underlying File No. 0391-EX-ST-2005, BAE Systems identified certain antenna, transmitting and amplifier equipment associated with the subject experiment. This is to notify the Commission that the following additional facilities are now to be associated with the experiment. These additional facilities are as follows:

Directional Antennas (all below 6m)

Manufacturer	Model #	Quantity	Gain (Nominal)	3dB BW E (Vertical)	3dB BW H (Horizontal)
SA	26-0.1	1	+8 dBi	60°	120°
SA	29-0.1	2	+8 dBi	60°	120°
SA	27-1.0/8	1	+8 dBi	9°	1.5°
SA	28-1.0/8/10	1	+8 dBi	9°	4.5°
Sanders	1/2 Horn	1	+8 dBi	60-30°	N/A
Sanders	Dual Horn	1	+8 dBi	60-30°	60-30°
Sanders	1/2 Horn	1	+8 dBi	60-45°	N/A
Condor	AS-48461	1	+5-18 dBi	60-10°	60-10°
AEL	H-1498	1	+8-12 dBi	60-30°	60-30°
SA	28-2.0/8/10	1	+8 dBi	60-30°	60-30°

Additional Non-Directional Antennas (all below 6m)

Manufacturer	Model #	Quantity	Gain (Nominal)	3dB BW E (Vertical)	3dB BW H (Horizontal)
Sanders	1/4Mon	4	-5.2 dBi	OMNI	N/A
Sanders	TASES 36	2	-60 to -5dBi	OMNI	N/A
Sanders	TASES 12	2	-10 to -5	OMNI	N/A
Sanders	Slant	1	-20 to -5	OMNI	N/A

Additional Transmitting Equipment (all non-experimental)

Manufacturer	Model	Quantity
HP	HP8753A	2
HP	HP8510B	1
HP	HP8510C	1
HP	HP8340B	1
HP	HP8341	1
HP	HP8643A	1

Additional Signal Amplification

Power Amplifiers	Model	Frequency Band	Power Output	Quantity
OPHIR	5069	.5MHz to 500MHz	8W	1
OPHIR	5094	1MHz to 1000MHz	3W	1
OPHIR	5160	.8GHz to 4.2GHz	7W	1
ENI	603L	.8 MHz to 1000MHz	3W	1

The above-listed additional facilities are essentially interchangeable from an operational and emissions standpoint as compared to the facilities originally listed in the Application. In accordance with the requirements of 47 C.F.R. §5.77(a) and (b), BAE Systems hereby confirms that the addition of these facilities will not result in operations inconsistent with any term of the outstanding authorization issued under File No. 0391-EX-ST-2005. In addition, the addition of these antennas will not result in BAE Systems exceeding the maximum emissions envelope established in the existing authorization under File No. 0391-EX-ST-2005.