Note:

This STA Request (under File No. 0626-EX-ST-2011) is submitted in connection with previously-submitted File No. 0601-EX-ST-2011, and it is requested that these filings be processed together, for a Start Date of 10/23/2011.

At the Commission's request, this STA Request (File No. 0626-EX-ST-2011) separately specifies the band of 1626-1660 MHz, but this band will be operated in conjunction with the facilities requested in File No. 0601-EX-ST-2011.

Exhibit 1

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

1. Introduction

By the instant request ("Application"), BAE Systems Information and Electronic Systems Integration Inc. ("BAE Systems") requests that the Commission grant Special Temporary (STA) to operate the facilities specified in the Application.

2. Purpose and Nature of the Operation

BAE Systems manufactures and tests RF systems as well as antennas for DOD as well as other governmental customers. The testing specified in this Application will be conducted by BAE Systems Information and Electronic Systems Integration Inc., which is a major producer of electronic warfare systems, protection systems, and tactical surveillance and intelligence systems for all branches of the armed forces. This unit's lines of business include Electronic Warfare/Electronic Protection, Electronic Warfare/Information Warfare, Integrated Defense Solutions, and Mission Electronics with products and services spanning the whole electromagnetic spectrum.

The experiment for which this STA is requested will involve proof of concept for next generation airborne COMINT (Communication Intelligence) for UAV's.

3. Transmitting Equipment/Transmit Antennas

1626-1660 MHz

	Manufacturer/Description	Model No.	# Units	Experimental
Transmitting Equipment	L3 Comm Systems West	Bandit L-Band Transmitter	1	No

	Manufacturer/Description	Model No.	# Units	Experimental
Transmit Antenna	GSM Antenna Products Ground mounted, 3 dBi monopole or a BAE Systems 5 dBi blade antenna	GSM P/N 501-015 (L-Band)	1	No

4. **Stop Buzzer**.

BAE Systems advises that the following will be available by wireless telephone as the "stop buzzer" if any issues regarding interference arise during testing:

Primary: Rick Ball - (603) 318-6913
Alternate: BAE Systems Emergency Services Center - (603) 885-3842

For the foregoing reasons, BAE Systems respectfully submits that approval of this Application is in the public interest, convenience and necessity.