

**Exhibit 1**

This modification application for Station WE2XSJ is filed to seek the following changes to the license:

1. Addition of the frequency ranges listed below.

**Please Note: The following frequency ranges are already reflected on call sign WE2XMW – which authorizes these frequencies at an adjacent outdoor range only .134 miles from the WE2XSJ coordinates. Accordingly, General Dynamics-OTS, Inc. trusts that review/coordination of these frequency ranges will be facilitated.**

500-608 MHz  
614-960 MHz  
1030 MHz  
1090 MHz  
1390-1400 MHz  
1427-1435 MHz  
1525-1530 MHz  
1646.5-1660 MHz  
1670-1718.8 MHz  
1722.2-2000 MHz

2. Modification of the following existing authorized bands to increase the Output Power and ERP levels to match the Output Power and ERP levels currently specified on Station WE2XMW

6-10.6 GHz (increase Output Power to 1.62W and ERP to 2018 W)  
10.7-14.47 GHz (increase Output Power to 1.62W and ERP to 2018 W)  
14.5-15.35 GHz (increase Output Power to 1.62W and ERP to 2018.4 W)  
15.4-18 GHz (increase Output Power to 1.62W and ERP to 2018.4 W)

3. Modification of the "Stop Buzzer" point of contact.

The range supervisory technician, Mark Tucker, will be the designated Stop Buzzer. Office Phone: 276-783-9824, Mobile Phone: 276-782-5106

In addition, the Commission is advised that the contracts listed below are the US Government contracts currently associated with the operations under this license. Additional non-government contracts and company sponsored Independent Research and Development (IR&D) activities are also associated with the operations under the license. Accordingly, the “XT” Station Class should be retained. Should the Commission require additional details regarding those contracts or activities, the licensee will provide such information upon request.

Program/Aircraft: F-15 Radar Modernization Program (RMP) Wideband Radome Testing  
Customer/Agency Name/P.O Number: Boeing; 560976  
USG Contract Number: FA8634-16-C-2653 U.S. Air Force  
Contract DPAS Rating: DO-A1

Program/Aircraft: F-15 Saudi Filament Wound Radome Testing  
Customer/Agency Name/P.O Number: Boeing; 471094  
USG Contract Number: FA8505-12-C-0001 U.S. Air Force  
Contract DPAS Rating: DO-A1

Program/Aircraft: F-15 Wideband Radome Repairs Testing  
Customer/Agency Name: Boeing  
P.O. Number: 990876  
USG Contract Number: F33657-01-D-0026 U.S. Air Force  
Contract DPAS Rating: DO-A1

Program/Aircraft: F-15 Filament Wound Radome Repairs Testing  
Customer/Agency Name: Boeing  
P.O. Number: 1270555, 1115449  
USG Contract Number: FA8505-12-C-0001, F8634-12-C-2651; 8015100025 U.S Air Force  
Contract DPAS Rating: DO-A1, Unrated

Program/Aircraft: F/A-18 Wideband Radome Testing  
Customer/Agency Name: Boeing  
P.O. Number: 530368  
USG Contract Number: N00019-14-C-0032; SPE4A1-14-G0007 U.S. Navy  
Contract DPAS Rating: DO-A1

Program/Aircraft: F/A-18 Wideband Radome Repairs Testing  
Customer/Agency Name: Boeing  
P.O. Number: 311777, 461036, 537093, 559762, 637141, 709145, 1269479  
USG Contract Number: N00383-06-D-001J (1-6 POs), N00383-16-C-H015 (PO 1269479) U.S. Navy  
Contract DPAS Rating: DO-A1

Program/Aircraft: F/A-18 Filament Wound Radome Repairs Testing  
Customer/Agency Name: Boeing  
P.O. Number: 1322231, 3031311-1, 1269479, 1275327, 1335752  
USG Contract Number: N00383-16-M-007H,N/A, N00383-16-C-H015, N00383-11-G-001H,  
N00019-14-D-0012 U.S. Navy  
Contract DPAS Rating: Unrated,Unrated, DO-A1, DO-A1, DO-A1

Program/Aircraft: AV-8B Radome Repairs Testing  
Customer/Agency Name: Boeing  
P.O. Number: 1249657  
USG Contract Number: N00383-15-P-H008, N00383-15-P-H007 U.S. Navy  
Contract DPAS Rating: DO-A1

Program/Aircraft: F/A-18 International Radomes  
Customer/Agency Name: Boeing  
P.O. Number: 1338749  
USG Contract Number: N00019-17-C-0003, N00019-16-G-0001 U.S. Navy  
Contract DPAS Rating: DO-A1