

**From:** "Balaz, Steven F." <steven\_f\_balaz@md.northgrum.com>  
**To:** "Carl Huie (E-mail)" <chuie@fcc.gov>  
**Date:** 6/5/00 4:01PM  
**Subject:** Transmitter change for WA9XJE

190 ST 200

Carl,

Here is the data for the substituted radar we discussed today.

MFR Furuno  
Model FR-8100  
Frequency 9410 MHz (fixed)  
Power 10 kW  
Antenna Gain 28 dB  
Emissions 79M5P0N, 21M2P0N, 10M6P0N, & 5M3P0N

$631 \times 10 \text{ kW} (10^4) \Rightarrow 6.31 \text{ MW}$

Steve Balaz  
410-765-5626 (desk)  
410-541-1745 (pager)

**CC:** "Vance Schuemann (E-mail)" <vances@verner.com>

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WA9XJE

(Call Sign)

XE FX MO

(Class of Station)

0190-EX-ST-2000

(File Number)

**NAME** Northrop Grumman Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

Test and evaluation of radar for installation overseas.

**Station Locations**

- (1) Ocean City or Annapolis, MD; MOBILE:
- (2) Norwalk, CT; MOBILE:within 10 km, centered around NL 41-06-40; WL 73-23-28

**Frequency Information**

Ocean City or Annapolis, MD; MOBILE:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9250-9700 MHz	MO	57M9P0N	20 MW (ERP)	
9410 MHz	MO	79M5P0N	6.31 MW (ERP)	

Norwalk, CT; MOBILE:within 10 km, centered around NL 41-06-40; WL 73-23-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9250-9700 MHz	MO	57M9P0N	20 MW (ERP)	
9410 MHz	MO	79M5P0N	6.31 MW (ERP)	

This authorization effective June 08, 2000 and will expire 3:00 A.M. EST December 08, 2000

**FEDERAL COMMUNICATIONS COMMISSION**

