

**Operational Description**  
**SATCOM Antenna System Demonstration**

**The Boeing Company**

**Submitted:** 8/22/2018  
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Operation Start Date: 09/06/2018  
Operation End Date: 03/06/2019

Manufacturer: GetSat  
Model: MicroSat Antenna System  
Frequencies: 30-31 GHz  
Emissions: 11M3M1D, 9M5M1D  
ERP: 31623W  
Station Class: FX

Point-of-Communication. Inmarsat 5F2  
I5-F2 -Downlink  
Frequencies: 20.2-21.2 GHz  
Emissions: 9M5M1D  
ERP: 7413W  
Emissions: 9M6M1D  
ERP: 57544W  
Emissions: 2M1M1D  
ERP: 12303W  
Emissions: 11M3M1D  
ERP: 6918W  
Emissions: 2M1M1D  
ERP: 12303W  
Emissions: 8M0M1D  
ERP: 64565W

**LOCATIONS**

Location: Herndon, VA  
Lat/Lon: 38 57 31 N 77 22 33 W  
Station Class: FX

POINT OF COMMUNICATION: INMARSAT-5 F2

STOP BUZZER POINT OF CONTACT:

Stop Buzzer for Operation: Boeing 24 hour NOC hotline: (855) 556-1001 email:  
bcssnoc@boeing.com