

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

WA2XTB
(Call Sign)

XD FX
(Class of Station)

0065-EX-RR-2003
(File Number)

NAME MARITIME INSTITUTE OF TECHNOLOGY AND GRADUATE STUDIES

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d, k) of the Commission's Rules

Station Locations

(1) SEATTLE (KING), WA - NL 47-36-55; WL 122-20-40

Frequency Information

SEATTLE (KING), WA - NL 47-36-55; WL 122-20-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2174.5 kHz	FX	300HJ2B	150 W (ERP)	
2183.4 kHz	FX	2K80J3E	150 W (ERP)	
2187.5 kHz	FX	300HJ2B	150 W (ERP)	
4126.4 kHz	FX	2K80J3E	300 W (ERP)	
4177.5 kHz	FX	300HJ2B	300 W (ERP)	
4207.5 kHz	FX	300HJ2B	300 W (ERP)	
6216.4 kHz	FX	2K80J3E	300 W (ERP)	
6268 kHz	FX	300HJ2B	300 W (ERP)	
6312 kHz	FX	300HJ2B	300 W (ERP)	
8292.4 kHz	FX	2K80J3E	300 W (ERP)	
8376.5 kHz	FX	300HJ2B	300 W (ERP)	
8414.5 kHz	FX	300HJ2B	300 W (ERP)	
12291.4 kHz	FX	2K80J3E	300 W (ERP)	
12520 kHz	FX	300HJ2B	300 W (ERP)	
12577 kHz	FX	300HJ2B	300 W (ERP)	
16421.4 kHz	FX	2K80J3E	300 W (ERP)	

This authorization effective April 01, 2003 and
will expire 3:00 A.M. EST April 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

SEATTLE (KING), WA - NL 47-36-55; WL 122-20-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16695 kHz	FX	300HJ2B	300 W (ERP)	
16804.5 kHz	FX	300HJ2B	300 W (ERP)	
4-27 MHz	FX	2K80J3E	300 W (ERP)	
4-27 MHz	FX	300HJ2B	300 W (ERP)	
156-157.5 MHz	FX	16K0G3E	25 W (ERP)	
1626.5-1646.5 MHz	FX	5K00G1W	25 W (ERP)	

Special Conditions:

- (1) POINT OF COMMUNICATION: INMARSAT Satellite
- (2) Prior to operation of this experimental earth station with any INMARSAT satellite system, the satellite service provider must obtain an appropriate authorization from the International Bureau of the Federal Communications Commission.
- (3) Frequency Tolerance: In accordance with Sec. 80.209 of the Commission's Rules.
- (4) In the bands 4-27 and 156-157.5 MHz, licensee is only authorized those channels and types of operations as per Part 80 of the FCC Rules.