

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WA2XCS

(Call Sign)

0059-EX-RR-2004

(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) Linthicum Heights (ANNE ARUNDEL), MD - NL 39-12-48; WL 76-40-12

Frequency Information

Linthicum Heights (ANNE ARUNDEL), MD - NL 39-12-48; WL 76-40-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2174.5 kHz	FX	170HF1B 300HJ2B	150 W (ERP)	
2183.4 kHz	FX	2K40J3E 2K80J3E	150 W (ERP)	
2187.5 kHz	FX	170HF1B 300HJ2B	150 W (ERP)	
4126.4 kHz	FX	2K40J3E	300 W (ERP)	

This authorization effective July 01, 2004 and
will expire 3:00 A.M. EST July 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Linthicum Heights (ANNE ARUNDEL), MD - NL 39-12-48; WL 76-40-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4126.4 KHZ	FX	2K80J3E	300 W (ERP)	
4177.5 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
4205.5 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
6216.4 KHZ	FX	2K40J3E 2K80J3E	300 W (ERP)	
6268 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
6312 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
8292.4 KHZ	FX	2K40J3E 2K80J3E	300 W (ERP)	
8376.5 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
8414.5 KHZ	FX	170HF1B	300 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8414.5 KHZ	FX	300HJ2B	300 W (ERP)	
12291.4 KHZ	FX	2K40J3E 2K80J3E	300 W (ERP)	
12520 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
12577 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
16421.4 KHZ	FX	2K40J3E 2K80J3E	300 W (ERP)	
16695 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
16804.5 KHZ	FX	170HF1B 300HJ2B	300 W (ERP)	
4-27 MHz	FX	2K80J3E 300HJ2B	300 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
156-157.5 MHz	FX	16K0G3E	25 W (ERP)	
1626.5-1646.5 MHz	FX	5K00G1W	25 W (ERP)	

Special Conditions:

- (1) 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.
- (2) Frequency Tolerance: In accordance with Sec. 80.209 of the Commission's Rules.
- (3) Identifications for selective calling: Coast Station Identify, 003660100; Coast Station Identification Number, 1146.
- (4) In the bands 4-27 MHz and 156-157.5 MHz, the licensee is only authorized those channels and types of operations as per Part 80 of the FCC Rules.
- (5) The frequency 2183.4 kHz is to be used for distress, safety and calling only.
- (6) This license supercedes the previous grant.