

BMH Associates, Inc.
Norfolk, VA
STA Request
File # 0140-EX-ST-2003

Request dates: 4/14/03-6/30/03

Why STA is necessary?:

My company would like to use Alinco 135T radios that are type accepted for the 2 meter Amateur Radio band on Navy assigned frequencies directly below 144MHz. This operation will require modification of control circuits to allow out of band transmit. This modification in our understanding will void the radios type acceptance.

Purpose of operation:

As part of the US Navy VAST project, BMH Associates is developing a sonobuoy that requires a low speed bidirectional data link at ranges exceeding 10 miles with limited antenna height. Reference Navy Temporary Frequency Assignment to NRL at 191521Z March 03.

Contact: William Denny
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Station Locations

- (1) Chesapeake Bay Bridge Tunnel Area, VA 370000N, 0760500W 15km radius
- (2) Poquoson, VA 371500N, 0761830W 15 km radius
- (3) Dahlgren, VA 381600N, 0770000W 15 km radius
- (4) Patuxent River, MD 381730N, 0761930W 15km radius

(MHz)	Station	Emission	Authorized
*Frequency	Class	Designator	Power (ERP)
*Paired with numbered location			
(1) 140.150	XT	24K0F1D	500W
114.525	XT	24K0F1D	500W
(2) 140.200	XT	24K0F1D	500W
140.625	XT	24K0F1D	500W
(3) 142.225	XT	24K0F1D	500W
142.750	XT	24K0F1D	500W
(4) 142.825	XT	24K0F1D	500W
143.600	XT	24K0F1D	500W

This STA is approved as stated above.

Jeffrey Kam 4-14-2003