

**Exhibit 13.1**  
**Copy of Existing Antenna Structure Registration**
**Registration Detail**

Reg Number	1042398	Status	Granted
File Number	A0049971	Constructed	
FAA Study	98-ANE-109-OE	EMI	No
FAA Issue Date	06/02/1998	NEPA	No

**Antenna Structure**

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

**Location** (in NAD83 Coordinates)

Lat/Long 43-44-14.0 N 069-59-37.0 W E OF RT 24 OPPOSITE BAILEY ISLAND FIRE STA

City, State HARPSWELL TOWN , ME

Center of  
AM Array**Heights (meters)**

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
24.1	82.9
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
107.0	82.0

**Painting and Lighting Specifications**

FAA Chapters 3, 4, 5, 13

Paint and Light in Accordance with FAA Circular Number 70/7460-1J

**Owner & Contact Information**

FRN

Licensee ID

**Owner**BIBLE BROADCASTING NETWORK INC  
8030 ARROWRIDGE BLVD  
CHARLOTTE , NC 28421-7300P: (704)523-5555  
E:**Contact**P:  
E:**Last Action Status**

Status	Granted	Received	03/03/1998
Purpose	New	Entered	03/17/1998
Mode	Mail In (Manual)		

**Related Applications**

03/03/1998 A0049971 - New (NE)

**Comments****Comments**

None

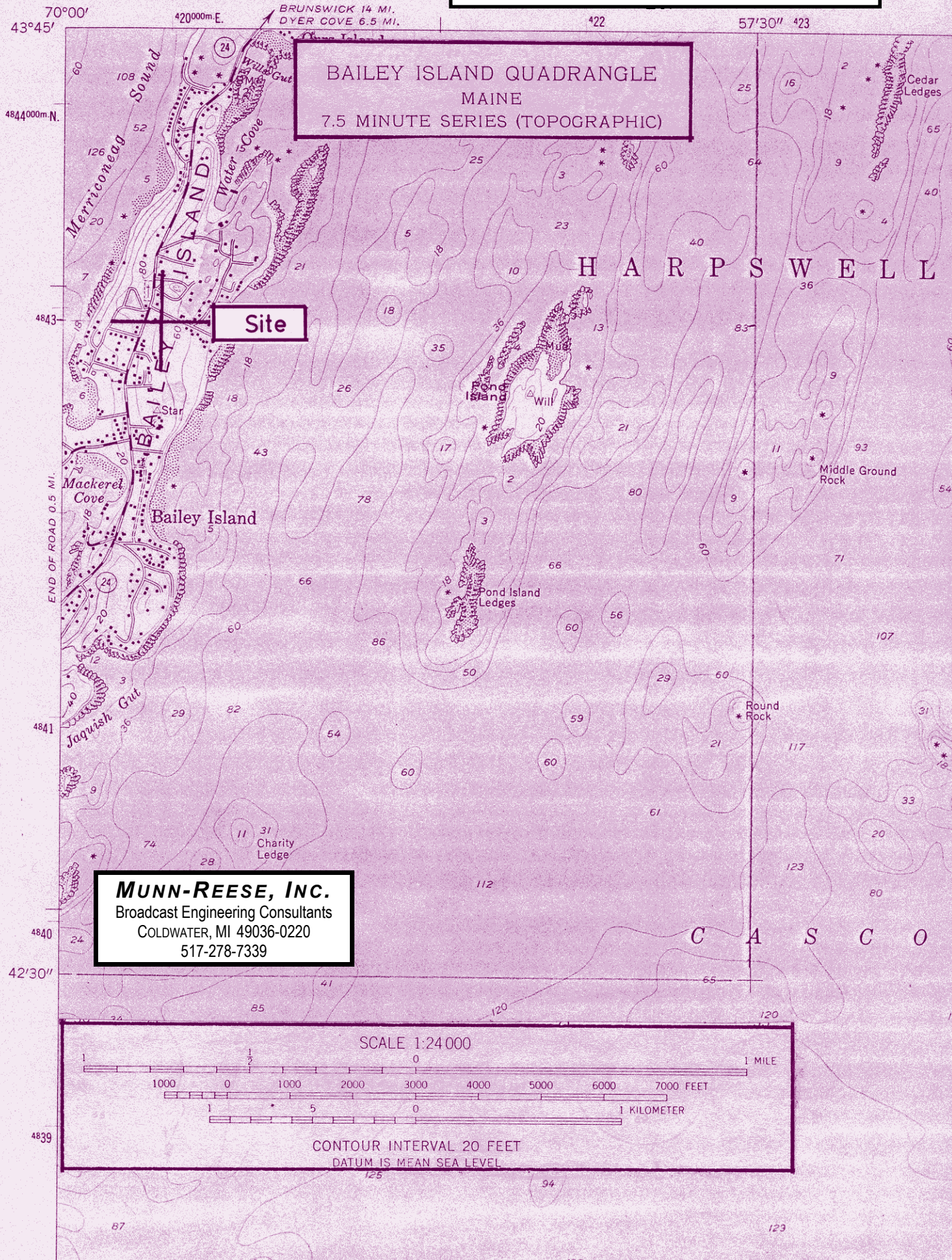
**Automated Letters****MUNN-REESE, INC.**Broadcast Engineering Consultants  
COLDWATER, MI 49036-0220  
517-278-7339



69711 SE  
(FREEPORT)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**Exhibit 13.1a**  
**Topographical Map of Proposed**





## EXHIBIT 13.2

### VERTICAL PLAN OF ANTENNA SYSTEM

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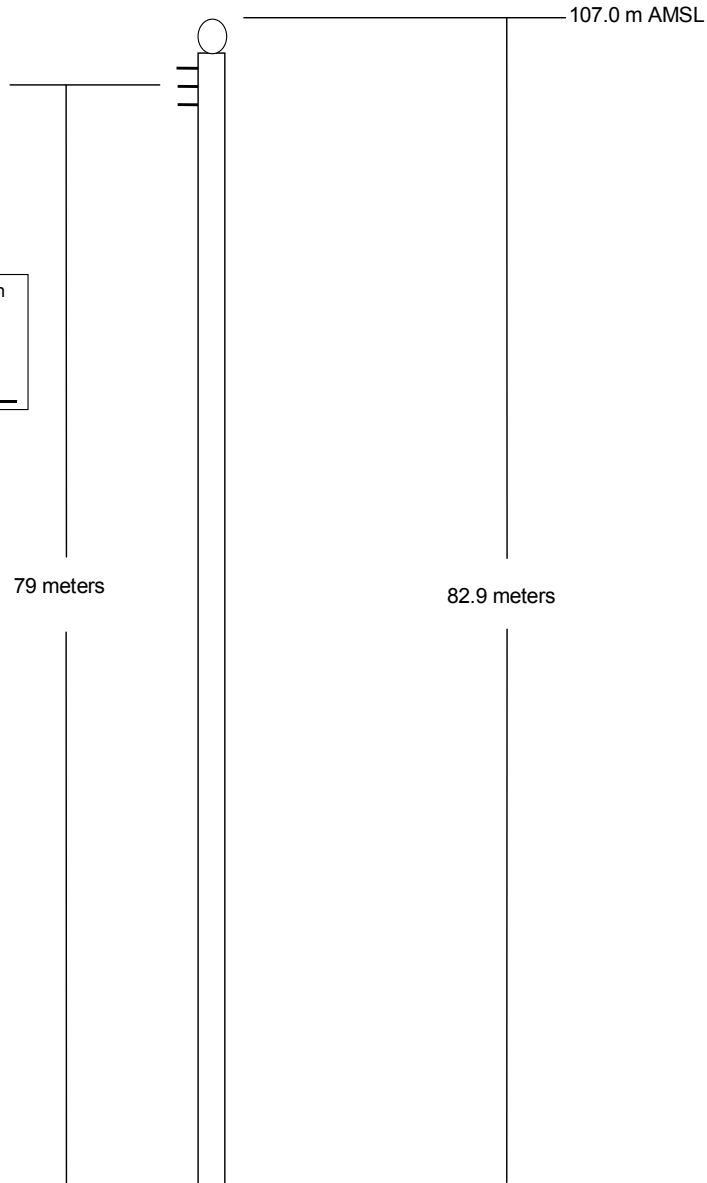
The site is located east of Route 24, behind the Bailey  
Island Fire Station, Harpswell, Cumberland County, ME.

Site Location  
NL: 43° 44' 14"  
WL: 69° 59' 39"

Proposed WYFP Antenna  
COR = 103 m AMSL  
98 m HAAT

Antenna Structure Registration  
Number

**1042398**



Ground Elevation = 24.1 m AMSL  
Drawing is not to Scale

**MUNN-REESE, INC.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036

## **EXHIBIT 13.3**

### **TABULATION OF POPULATION**

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#### **PROPOSED OPERATION**

<b><u>CONTOUR</u></b>	<b><u>POPULATION</u></b>
1.0 mV/m	170,174

The population within the 1.0 mV/m contour was determined by superimposing the desired contour onto U.S. Standard Civil Division maps of the 2000 Census, and assuming the population centroid methodology for population distribution within each minor civil division. The data was computer generated using Probe II™ software.

## EXHIBIT 13.4

### PROPOSED FM OPERATING SPECIFICATIONS

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**Applicant:** Bible Broadcasting Network, Inc.

**Call:** WYFP

**City of License:** Harpswell, ME

**Frequency:** 91.9 MHz

**Channel:** 220A

**ERP:** 6.0 kW

**HAAT:** 98 meters

**Transmitter Location:** East of Route 24, behind the Bailey Island Fire Station

**County:** Cumberland

**State:** ME

**Site Coordinates:** NL 43° 44' 14"; WL 69° 59' 39" (NAD27)

**Site Elevation:** 24.1 meters AMSL

**Proposed Operation:** Class A – Directional

**Effective Radiated Power:** 6.0 kW (H) 6.0 kW (V) (Maximum)

**Height of Antenna Radiation Center Above:**

	<u>Ground</u>	<u>Mean Sea Level</u>	<u>Average Terrain</u>
<b>Horizontal</b>	79 meters	103 meters	98 meters
<b>Vertical</b>	79 meters	103 meters	98 meters

**Overall Height of Supporting Structure Above Ground:** 82.9 meters

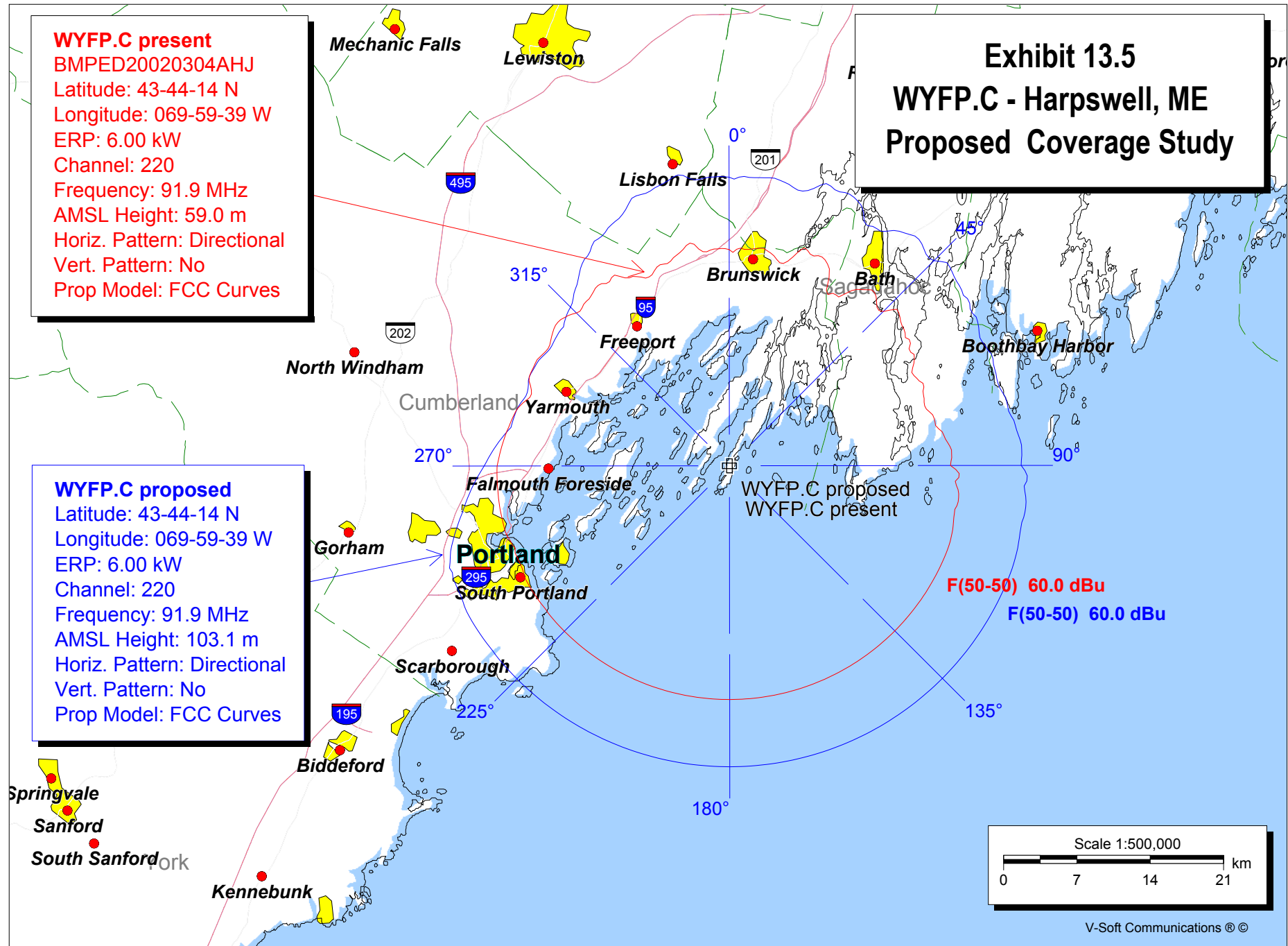
**Overall Height of Supporting Structure Above Mean Sea Level:** 107.0 meters

**Antenna Structure Registration Number:** 1042398

# Exhibit 13.5 WYFP.C - Harpswell, ME Proposed Coverage Study

**WYFP.C present**  
BMPED20020304AHJ  
Latitude: 43-44-14 N  
Longitude: 069-59-39 W  
ERP: 6.00 kW  
Channel: 220  
Frequency: 91.9 MHz  
AMSL Height: 59.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC Curves

**WYFP.C proposed**  
Latitude: 43-44-14 N  
Longitude: 069-59-39 W  
ERP: 6.00 kW  
Channel: 220  
Frequency: 91.9 MHz  
AMSL Height: 103.1 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC Curves



Scale 1:500,000

0 7 14 21 km

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