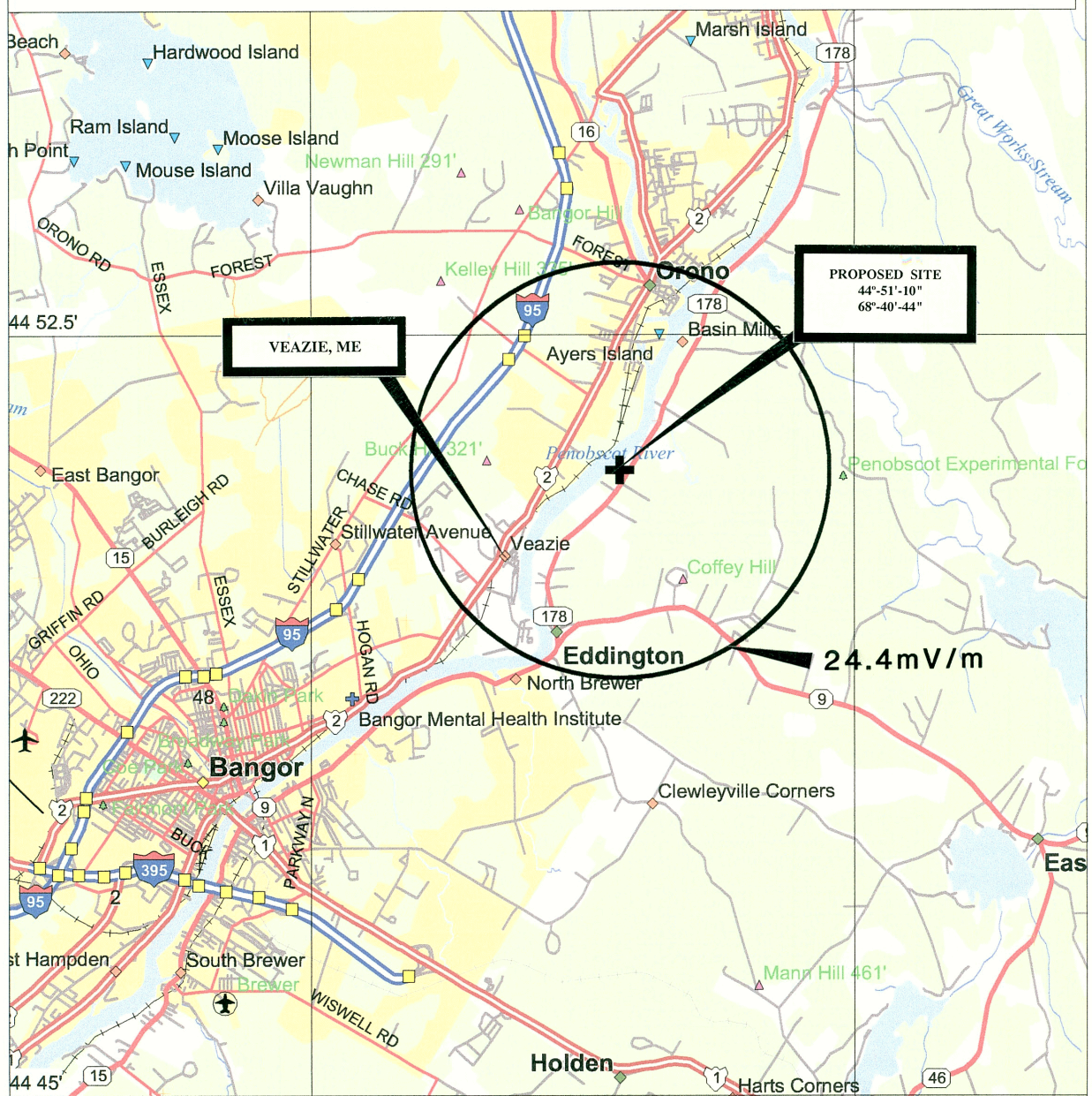


MAP SHOWING 1400kHz NIGHTTIME I.F. - VEAZIE, ME



PROPOSED NIGHTTIME I.F.
VEAZIE, MAINE - 24.4mV/m

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 8
MARCH 2001

MULLANEY ENGINEERING, INC.

Nighttime limits to BANGOR BANGOR ME US
 N Lat 44 48 10 W Long 68 54 03 Date 11-JAN-00
 File No./arn - 1400 kHz FCC Rules (10%) IFRB Serial No.
 Comments: All radiations are in mV/m at 1 km ASSUMED CLASS IV

Limit from	WIDE	T	T	CKFL	T	WLTN	T	WEZW	T
IFRB Serial #				000012363					
Prefix/Freq	BL /1400		BL /1400	# 411/1400		BL /1400		Lic /1400	
arn	801211AG		800620AG	Operatin		820118AJ		Operatin	
Distance (km)	193.8		183.9	177.3		233.6		89.5	
Bearing	40.2		78.0	117.7		75.5		50.3	
Radiation on Gnd	305.8		297.7	305.8		299.3		305.8	
Lower Angle	36.2		37.6	38.7		31.1		57.9	
Upper Angle	50.5		52.0	53.0		45.1		69.3	
Max Rad	227.6		221.8	215.6		243.6		136.7	
Skywave Field	276.		283.	286.		235.		391.	
Limit	12.57414		12.55474	12.33040		11.43052		10.69201	
Running RSS	12.5741		17.7688	21.6280		24.4627 %		26.6973	

NIGHTTIME I.F. LIMIT

DANIEL F. PRIESTLEY
 VEAZIE, MAINE
 0.86 / 1.0 KW-ND-U 1400 KHZ

MULLANEY ENGINEERING, INC.
 GAITHERSBURG, MARYLAND

FIGURE 8-A
 MARCH 2001