

CDBS ALLOCATION STUDY

Job Title: Proposed WICN
Channel: 213
ERP = 1.1 kW HAAT = 324 m

Separation Buffer: 50 km
Coordinates: 42-18-11 71-53-52

Callsign ID	City St.	File Status Number	Channel Freq	ERP(kW) HAAT (m)	DA ID	Latitude Longitude	73 215	Bear (deg)	Dist. (km)	Req. (km)
NEW 176684	NEW SALEM MA	BNPED APP 20071019BBR	210 A 89.9	0.18 145	N	42-30-23 072-19-52	N 302.6	42.22	34.2	Close
NEW Proposed	60.0 dBu	Desired = 14.3 km	Proposed 60.0 dBu	Desired = 33.2 km	NEW	100.0 dbu	Undesired = 2.1			
NEW 172383	ATHOL MA	BNPED APP 20071017AFE	210 A 89.9	1.8 229	Y	42-30-22 072-20-42	N 301.7	43.18	35.7	Close
NEW Proposed	60.0 dBu	Desired = 31.5 km	Proposed 60.0 dBu	Desired = 33.2 km	NEW	100.0 dbu	Undesired = 2.1			
NEW 174754	ATHOL MA	BNPED APP 20071019ASQ	210 A 89.9	2.0 64	N	42-34-16 072-19-07	N 310.9	45.67	35.0	Close
NEW Proposed	60.0 dBu	Desired = 17.6 km	Proposed 60.0 dBu	Desired = 33.2 km	NEW	100.0 dbu	Undesired = 1.7			
WYCM 4102	CHARLTON MA	BLEDD 19840702DM	211 A 90.1	0.1 164	N	42-08-01 071-57-26	N 194.6	19.45	33.9	Short ¹
WYCM Proposed	60.0 dBu	Desired = 13.2 km	Proposed 60.0 dBu	Desired = 33.2 km	WYCM	100.0 dbu	Undesired = .7			
NEW 177374	FITCHBURG MA	BNPED CP 20071022BNX	211 A 90.1	0.1 100	Y	42-35-12 071-51-12	N 6.6	31.72	33.9	Short ²
NEW Proposed	60.0 dBu	Desired = 10.3 km	Proposed 60.0 dBu	Desired = 33.2 km	NEW	100.0 dbu	Undesired = .7			
WZBC 68240	NEWTON MA	BMLED LIC 20021216AAB	212 A 90.3	1.0 98	N	42-20-05 071-10-31	N 86.4	59.67	68.5	Short ³
WZBC Proposed	60.0 dBu	Desired = 18.4 km	Proposed 60.0 dBu	Desired = 33.2 km	WZBC	54.0 dbu	Undesired = 27.1			
WRIU 69206	KINGSTON RI	BLEDD LIC 19980911KA	212 A 90.3	3.4 158		41-29-52 071-31-43	N 161.0	94.54	80.6	Close
WRIU Proposed	60.0 dBu	Desired = 30.5 km	Proposed 60.0 dBu	Desired = 33.2 km	WRIU	54.0 dbu	Undesired = 46.0			
WAMC-FM 70849	ALBANY NY	BMLED LIC 19910528KA	212 B 90.3	10.0 821	N	42-38-14 073-10-07	N 290.0	110.91	143.2	Short ³
WAMC-FM Proposed	60.0 dBu	Desired = 75.4 km	Proposed 60.0 dBu	Desired = 33.2 km	WAMC-FM	54.0 dbu	Undesired = 110.0			
WICN 72379	WORCESTER MA	BMPED CP 20090630ABE	213 B1 90.5	1.1 324	Y	42-18-11 071-53-52	N 90.0			
WICN 72379	WORCESTER MA	BMLED LIC 20060501ANS	213 B1 90.5	8.1 166	Y	42-20-09 071-42-57	N 76.2			

¹ Continued waiver of Section 73.509 requested, if necessary. See Exhibit 22 and Figure 5.

² Sufficient contour clearance - detailed study not warranted.

³ No contour overlap - see Figure 4.

Callsign ID	City St.	Status	File Number	Channel Freq	ERP(kW) HAAT(m)	DA ID	Latitude Longitude	73 215	Bear (deg)	Dist. (km)	Req. (km)
NEW 175362	DERRY NH		BNPED 20071019AHG	213 A 90.5	0.15 178	Y	42-53-07 071-16-03	N	38.3	82.82 -22.01	104.8 Short ⁴
NEW Proposed	60.0 60.0	dBu dBu	Desired = 15.3 Desired = 33.2	km km	Proposed NEW		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 49.7		
NEW 173234	AUBURN NH		BNPED 20071012AOO	213 A 90.5	0.1 43	N	42-57-25 071-21-39.1	N	31.0	84.95 -11.31	96.3 Short ³
NEW Proposed	60.0 60.0	dBu dBu	Desired = 6.7 Desired = 33.2	km km	Proposed NEW		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 22.4		
WSPS 62166	CONCORD NH		BLED 19830811AD	213 A 90.5	0.2 27	N	43-11-37 071-34-29	N	14.8	102.4 6.13	96.3 Close
WSPS Proposed	60.0 60.0	dBu dBu	Desired = 6.7 Desired = 33.2	km km	Proposed WSPS		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 22.4		
WPEA 68250	EXETER NH		BLED 19821213AI	213 A 90.5	0.1 35	N	42-58-44 070-57-00	N	45.6	108.07 12.46	95.6 Close
WPEA Proposed	60.0 60.0	dBu dBu	Desired = 6.0 Desired = 33.2	km km	Proposed WPEA		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 20.1		
WPKT 13627	MERIDEN CT		BLED 19910222KC	213 B 90.5	18.5 314	Y	41-33-42 072-50-41	N	223.9	113.8 -54.23	168.0 Short ³
WPKT Proposed	60.0 60.0	dBu dBu	Desired = 56.7 Desired = 33.2	km km	Proposed WPKT		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 134.8		
WSMA 122202	SCITUATE MA		BLED 20060331ASV	213 B1 90.5	7.7 164	Y	41-56-02 070-35-10	N	110.3	115.97 -17.45	133.4 Short ³
WSMA Proposed	60.0 60.0	dBu dBu	Desired = 37.7 Desired = 33.2	km km	Proposed WSMA		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 100.2		
WSMA 122202	SCITUATE MA		BMLED 20080516AAL	213 B1 90.5	7.7 164	Y	41-56-02 070-35-10	N	110.3	115.97 -17.45	133.4 Short ³
WSMA Proposed	60.0 60.0	dBu dBu	Desired = 37.7 Desired = 33.2	km km	Proposed WSMA		40.0 40.0	dbu dbu	Undesired = 89.6 Undesired = 100.2		
WTCC 62018	SPRINGFIELD MA		BMLED 20070314ADO	214 A 90.7	4.0 73	N	42-06-32 072-34-45	N	249.2	60.26 -12.10	72.4 Short ⁵
WTCC Proposed	60.0 60.0	dBu dBu	Desired = 22.3 Desired = 33.2	km km	Proposed WTCC		54.0 54.0	dbu dbu	Undesired = 50.1 Undesired = 33.3		
NEW 171698	PLAINFIELD CT		BNPED 20071022AVO	214 A 90.7	0.9 168	Y	41-42-45.6 071-49-08.7	N	174.3	65.9 -7.44	73.3 Short ⁵
NEW Proposed	60.0 60.0	dBu dBu	Desired = 23.2 Desired = 33.2	km km	Proposed NEW		54.0 54.0	dbu dbu	Undesired = 50.1 Undesired = 34.7		
NEW 173091	WAUREGAN CT		BNPED 20071017AAX	214 A 90.7	1.152 119	Y	41-40-29 071-52-47	N	178.8	69.81 -1.34	71.1 Short ⁵
NEW Proposed	60.0 60.0	dBu dBu	Desired = 21.0 Desired = 33.2	km km	Proposed NEW		54.0 54.0	dbu dbu	Undesired = 50.1 Undesired = 31.1		
NEW 175975	DANIELSON CT		BNPED 20071019ALZ	214 A 90.7	1.7 185	Y	41-39-44 071-50-51	N	176.6	71.3 -6.74	78.0 Short ⁵
NEW Proposed	60.0 60.0	dBu dBu	Desired = 27.9 Desired = 33.2	km km	Proposed NEW		54.0 54.0	dbu dbu	Undesired = 50.1 Undesired = 42.1		
NEW 159759	HOPE VALLE RI		BNPED 20071012ADV	214 A 90.7	0.53 146	Y	41-38-27 071-45-12	N	170.7	74.52 5.25	69.3 Close
NEW Proposed	60.0 60.0	dBu dBu	Desired = 19.2 Desired = 33.2	km km	Proposed NEW		54.0 54.0	dbu dbu	Undesired = 50.1 Undesired = 28.3		

⁴ No contour overlap - see Figure 4.

⁵ Sufficient contour clearance - detailed study not warranted.

Callsign ID	City St.	File Status Number	Channel Freq	ERP(kW) HAAT(m)	DA ID	Latitude Longitude	73 215	Bear (deg)	Dist. (km)	Req. (km)
WLMW 35251	MANCHESTER NH	BLED LIC	214 A 19970829KB 90.7	0.015 265	Y	42-58-59 071-35-25	N	18.3	79.64 18.98	60.7 Clear
WLMW Proposed	60.0	dBu	Desired = 10.5 km	Proposed	54.0	dbu	Undesired = 50.1			
	60.0	dBu	Desired = 33.2 km	WLMW	54.0	dbu	Undesired = 14.7			
WEVN 48440	KEENE NH	BMLED LIC	214 B1 20030815ADI 90.7	1.5 412	Y	43-02-00 072-22-04	N	334.8	89.81 -3.82	93.6 Short ⁶
WEVN Proposed	60.0	dBu	Desired = 39.8 km	Proposed	54.0	dbu	Undesired = 50.1			
	60.0	dBu	Desired = 33.2 km	WEVN	54.0	dbu	Undesired = 60.4			
WBUR-FM 68241	BOSTON MA	BLED LIC	215 B 20050812AGN 90.9	12.0 333	Y	42-18-27 071-13-27	N	89.3	55.55 -0.52	56.1 Short ⁷
WBUR-FM Proposed	60.0	dBu	Desired = 53.9 km	Proposed	100.0	dbu	Undesired = 2.1			
	60.0	dBu	Desired = 33.2 km	WBUR-FM	100.0	dbu	Undesired = 5.5			
NEW 171988	EAST BROOK MA	BNPED APP	216 A 20071022AUG 91.1	0.45 138	Y	42-17-13 072-06-32	N	264.2	17.5 -17.09	34.6 Short ⁷
NEW Proposed	60.0	dBu	Desired = 17.8 km	Proposed	100.0	dbu	Undesired = 2.1			
	60.0	dBu	Desired = 33.2 km	NEW	100.0	dbu	Undesired = 1.4			
WKMY 92287	WINCHENDON MA	BLED LIC	216 A 20060302ACZ 91.1	0.06 190	N	42-42-09 072-02-18	N	345.5	45.85 12.07	33.8 Close
WKMY Proposed	60.0	dBu	Desired = 12.5 km	Proposed	100.0	dbu	Undesired = 2.1			
	60.0	dBu	Desired = 33.2 km	WKMY	100.0	dbu	Undesired = .5			
WBVC 91189	POMFRET CT	BLED LIC	216 A 20010223AAC 91.1	0.1 162	N	41-53-27 071-57-24	N	186.1	46.05 12.11	33.9 Close
WBVC Proposed	60.0	dBu	Desired = 13.1 km	Proposed	100.0	dbu	Undesired = 2.1			
	60.0	dBu	Desired = 33.2 km	WBVC	100.0	dbu	Undesired = .7			

⁶ Sufficient contour clearance - detailed study not warranted.

⁷ No contour overlap - see Figure 4.