

Gray Frierson Haertig & Assoc.
Portland, Oregon

Lower Cape Communications, Inc.
Provincetown, Massachusetts
CH# 217A - 91.3 MHz, Pwr= 1.6 kW, HAAT= 72.6 M, COR= 76 M
Average Protected F(50-50)= 17.67 km
Omni-directional

REFERENCE
41 47 29.0 N.
69 59 38.0 W.

DISPLAY DATES
DATA 09-11-19
SEARCH 09-11-19

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
217A Orleans	WFMR	LIC _CX MA		221.1 41.1	2.17 BLED20100922AAC	41 46 36.0 70 00 40.0	1.150 86		---Reference---		
218A Sandwich	WSDH	LIC _CN MA		260.9 80.6	39.13 BLED19790316AC	41 44 06.0 70 27 35.0	0.310 46	16.1 67	11.2 Sandwich, Massachusetts Pu	4.9	1.3
214A West Barnstable	WKLL	LIC _CN MA		248.9 68.7	30.59 BLED19811029AQ	41 41 31.0 70 20 16.0	0.205 38	1.0 54	8.7 Cape Cod Community College	11.8	19.9
216A Nantucket	WNAN	LIC _VX MA		192.6 12.5	57.67 BLED20031112AGW	41 17 06.0 70 08 39.0	2.300 64	27.4 67	18.7 wgbh Educational Foundatio	13.6	14.6
217A Easton	WSHL-FM	LIC DCN MA		288.6 107.9	94.56 BLED19820308AK	42 03 27.0 71 04 47.0	0.100 20	19.4 64	5.8 Stonehill College, Inc.	57.1	27.3
220A Falmouth	WFPB-FM	LIC ZEX MA		248.7 68.3	53.95 BLED20130827ABG	41 36 50.0 70 35 56.0	5.200 76	1.7 84	18.6 University Of Massachusett	34.3	31.0
216A North Dartmouth	WTKL	LIC _CX MA		258.2 77.5	85.98 BMLD20060623ABP	41 37 43.0 71 00 24.0	1.200 91	29.0 116	19.6 Educational Media Foundati	39.0	39.5
270B1 Falmouth	WCIB«	LIC ZEX MA		242.8 62.4	56.42 BMLH20150812ABD	41 33 30.6 70 35 45.9	12.000 145	17.3 152	4.6 Amfm Radio Licenses, L.l.c	11.5R	44.9M
219A Marshfield	WUMT	LIC _CX MA		298.6 118.1	66.91 BLED20111020AET	42 04 38.0 70 42 21.0	1.100 25	1.6 36	11.2 University Of Massachusett	47.2	53.9
217A Providence	WDOM	LIC _CX RI		273.3 92.3	119.68 BMLD20130412AAB	41 50 39.0 71 26 12.0	0.125 40	25.9 67	7.7 Providence College	75.7	50.4
218A Bridgewater	WBIM-FM	LIC DCN MA		285.4 104.7	83.87 BLED19820329AJ	41 59 15.0 70 58 21.0	0.180 22	9.6 45	6.7 Bridgewater State College	56.1	50.5

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 1,Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.