

Exhibit B-16
WAAF-FM Channel 297B Worcester, MA
Allocation Study

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class B stations as prescribed in §73.207 of the Commission's Rules, with the following exceptions:

WMJX-FM 294B Boston, MA
WXKS-FM 300B Medford, MA

The proposed operation of WAAF would be short-spaced to third-adjacent channel stations WMJX and WXKS by 21.8 kilometers. The licensed operation of WAAF is short-spaced to those stations by 6.7 kilometers. These grandfathered short-spacings have existed continuously since November 16, 1964. Therefore, per §73.213(a)(4) of the Commission's Rules there are no distance separation or interference protection requirements for WAAF with respect to WMJX and WXKS.

WZSH-FM 296A Bellows Falls, VT (License and Construction Permit)

The proposed operation of WAAF would be short-spaced to the licensed operation of first-adjacent-channel station WZSH by 3.6 kilometers. The licensed operation of WAAF is short-spaced to WZSH by 6.2 kilometers. The licensed WZSH operation with 1.15 kW at 162 meters HAAT is the equivalent of 3 kilowatt Class A facilities. Therefore, since WAAF's spacing to WZSH is being increased, and since the old first-adjacent-channel Class B to Class A spacing requirement of 105 kilometers is met at the proposed site (as

well as at WAAF's licensed site), the provisions of §73.213(c)(1) are met with respect to the WZSH license.

WZSH also holds a construction permit for a power increase to 1.4 kW ERP, authorized under §73.215 of the Commission's Rules. Processing pursuant to §73.215 is requested with respect to the WZSH construction permit, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

WFHN-FM 296A Fairhaven, MA (License & Application)

The proposed operation of WAAF would be short-spaced to the WFHN licensed operation by 14.9 kilometers, and to the WFHN application operation by 11.3 kilometers. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to the WFHN license and application facilities, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with those facilities.

WFCC-FM 298B Chatham, MA

The proposed operation of WAAF would be short-spaced to WFCC by 12.95 kilometers. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to WFCC, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

WERZ-FM 296A Exeter, NH (License and Construction Permit)

The proposed operation of WAAF would be short-spaced to the WERZ licensed operation by 10.1 kilometers, and to the WERZ construction permit operation by 16.3 kilometers. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to the WERZ license and construction permit facilities, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with those facilities.

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SEARCH PARAMETERS

FM Database Date: 030224

Channel: 297B 107.3 MHz
 Latitude: 42 20 9
 Longitude: 71 42 57
 Safety Zone: 32 km
 Job Title: WAAF AT WUNI-TV SITE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW APP	WORCESTER MA	BNPL-010615ALZ	243L1 96.5	0.000 389.2	42-18-07 071-46-59	235.7	6.70 0.00	0 LPFM
WMJX LIC	BOSTON MA	BLH-911018KC	294B 106.7	21.500 235.0	42-20-50 071-04-59	88.4	52.16 -21.84	74 SHORT
WMJXaux LIC	BOSTON MA	BLH-920827KC	294B 106.7	1.000 221.0	42-20-50 071-04-59	88.4	52.16 0.00	0 AUX
WMJXaux LIC	BOSTON MA	BMLH-981027KC	294B 106.7	1.900 351.0	42-18-27 071-13-27	94.3	40.65 0.00	0 AUX
NEW APP	HALIFAX VT	BNPL-010615BCG	294L1 106.7	0.000 0.0	42-43-55 072-46-15	297.4	97.20 0.00	0 LPFM
WFHN LIC	FAIRHAVEN MA	BLH-990224KE	296A 107.1	6.000 DA 99.0	41-37-43 071-00-24	143.1 SS	98.11 -14.89	113 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 96 KM								
WFHNaux LIC	FAIRHAVEN MA	BMLH-990513KF	296A 107.1	1.450 106.0	41-38-26 070-55-03	139.3	101.69 0.00	0 AUX
WFHN APP	FAIRHAVEN MA	BMPH-000821AAC	296A 107.1	5.300 106.0	41-38-25 070-55-03	139.3	101.71 -11.29	113 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 96 KM								
WERZ LIC	EXETER NH	BLH-000322AAF	296A 107.1	5.200 DA 106.0	43-01-38 070-52-51	41.3 SS	102.87 -10.13	113 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 96 KM								
WERZ CP	EXETER NH	BPH-020531AAF	296A 107.1	6.000 DA 100.0	42-59-23 070-56-14	40.9 SS	96.70 -16.30	113 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 96 KM								
WERZaux LIC	EXETER NH	BLH-990104KC	296A 107.1	3.000 21.0	42-59-23 070-56-14	40.9	96.70 0.00	0 AUX

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WZSH	BELLOWS FALLS		296A	1.150	43-12-33	332.8	109.37	113
LIC	VT	BMLH-920522KC	107.1	162.0	072-19-58		-3.63	SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 96 KM								
WZSH	BELLOWS FALLS		296A	1.400	43-12-33	332.8	109.37	113
CP	VT	BPH-000308ACO	107.1	162.0	072-19-58	SS	-3.63	SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 96 KM								
NEW	NIANTIC		297L1	0.000	41-18-29	200.1	121.45	0
APP	CT	BNPL-000901AAF	107.3	0.0	072-12-53		0.00	LPFM
	WESTBOROUGH		297B	0.000	42-18-11	256.4	15.43	241
ADD	MA	RM-10220	107.3	0.0	071-53-52		-225.57	SHORT
	WORCESTER		297B	0.000	42-18-11	256.4	15.43	241
DEL	MA	RM-10220	107.3	0.0	071-53-52		-225.57	SHORT
WAAF	WORCESTER		297B	20.000	42-18-11	256.4	15.43	241
LIC	MA	BLH-980416KB	107.3	239.0	071-53-52		-225.57	SHORT
WAAF	WORCESTER		297B	9.600 DA	42-20-09	0.0	0.00	241
CP	MA	BPH-990528II	107.3	335.0	071-42-57	SS	-241.00	SHORT
WRWD-FM	HIGHLAND		297A	0.330	41-41-58	250.2	202.21	178
LIC	NY	BMLH-910208KB	107.3	295.0	074-00-11		24.21	CLEAR
NEW	AVON		298L1	0.040	41-46-49	237.6	114.18	0
APP	CT	BNPL-000901AEL	107.5	46.3	072-52-35		0.00	LPFM
WFCC-FM	CHATHAM		298B	50.000	41-44-14	114.7	156.04	169
LIC	MA	BMLH-990910AAH	107.5	104.0	070-00-40		-12.96	SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 145 KM								
WTHT	LEWISTON		298C1	91.000	44-00-12	29.0	212.99	195
LIC	ME	BLH-960826KE	107.5	283.0	070-25-24	SS	17.99	CLEAR
WTHTaux	LEWISTON		298C1	64.000	43-57-07	32.2	213.48	0
CP	ME	BPH-980415ID	107.5	180.0	070-17-46		0.00	AUX

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WTHT CP	LEWISTON ME	BPH-011120ABD	298C1 107.5	100.000 283.0	44-00-12 070-25-24	29.0 SS	212.99 17.99	195 CLEAR
W298AH LIC	CLAREMONT NH	BLFT-980911TC	298D 107.5	0.000 406.0	43-23-34 072-18-16	338.0	126.89 0.00	0 TRANS
WACC-LP APP	ENFIELD CT	BMPL-021212AAG	299L1 107.7	0.000 0.0	41-58-38 072-35-03	241.2	82.08 0.00	0 LPFM
WACC-LP CP	ENFIELD CT	BNPL-000901AHB	299L1 107.7	0.070 35.8	41-58-38 072-35-05	241.2	82.12 0.00	0 LPFM
WHJM LIC	PAWCATUCK CT	BLH-000920ABJ	299A 107.7	1.850 122.0	41-27-35 071-55-40	190.3	98.89 29.89	69 CLEAR
NEW APP	WESTFIELD MA	BNPL-010612ADN	299L1 107.7	0.000 0.0	42-10-19 072-46-40	258.6	89.51 0.00	0 LPFM
WTPL LIC	HILLSBORO NH	BLH-950410KC	299A 107.7	0.580 225.0	43-09-00 071-47-56	355.7	90.70 21.70	69 CLEAR
NEW APP	BRATTLEBORO VT	BNPL-010615AIL	299L1 107.7	0.000 0.0	42-51-14 072-33-34	310.1	90.03 0.00	0 LPFM
NEW APP	BRATTLEBORO VT	BNPL-010612ACY	299L1 107.7	0.000 0.0	42-49-43 072-35-58	307.4	90.87 0.00	0 LPFM
NEW APP	BUCKLAND MA	BNPL-010611ABH	300L1 107.9	0.000 0.0	42-36-06 072-44-53	289.6	89.88 0.00	0 LPFM
NEW APP	GREENFIELD MA	BNPL-010614AFS	300L1 107.9	0.000 0.0	42-36-18 072-38-27	291.8	81.74 0.00	0 LPFM
NEW APP	GREENFIELD MA	BNPL-010615AXU	300L1 107.9	0.000 0.0	42-36-28 072-35-57	293.0	78.67 0.00	0 LPFM
NEW APP	GREENFIELD MA	BNPL-010615BCR	300L1 107.9	0.000 0.0	42-34-15 072-38-42	289.2	80.77 0.00	0 LPFM
NEW APP	LOWELL MA	BNPL-010615AMN	300L1 107.9	0.000 0.0	42-38-31 071-18-42	44.1	47.54 0.00	0 LPFM

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WXXS-FM LIC	MEDFORD MA	BLH-911018KE	300B 107.9	20.500 235.0	42-20-50 071-04-59	88.4	52.16 -21.84	74 SHORT
WXXSaux APP	MEDFORD MA	BXPH-021219ABO	300B 107.9	1.950 364.0	42-18-27 071-13-27	94.3	40.65 0.00	0 AUX
WXXSaux LIC	MEDFORD MA	BLH-920827KE	300B 107.9	1.000 218.0	42-20-50 071-04-59	88.4	52.16 0.00	0 AUX
NEW APP	RUSSELL MA	BNPL-010611AFR	300L1 107.9	0.000 0.0	42-11-24 072-51-27	260.6	95.58 0.00	0 LPFM
NEW APP	SHELBURNE MA	BNPL-010613ACR	300L1 107.9	0.000 157.5	42-34-19 072-38-41	289.3	80.79 0.00	0 LPFM
NEW APP	SPRINGFIELD MA	BNPL-010613ABA	300L1 107.9	0.000 0.0	42-09-00 072-41-15	255.8	82.81 0.00	0 LPFM
NEW APP	WYBEN MA	BNPL-010612ADU	300L1 107.9	0.000 0.0	42-10-19 072-46-40	258.6	89.51 0.00	0 LPFM
NEW APP	JERSEY CITY NJ	BNPL-010611AGH	300L1 107.9	0.000 0.0	42-36-28 072-35-57	293.0	78.67 0.00	0 LPFM
NEW APP	TRENTON NJ	BNPL-010613AGM	300L1 107.9	0.000 0.0	42-36-28 072-35-57	293.0	78.67 0.00	0 LPFM
NEW APP	BRATTLEBORO VT	BNPL-010615AXD	300L1 107.9	0.000 0.0	42-49-55 072-36-02	307.6	91.17 0.00	0 LPFM

44444 END OF FM SPACING STUDY FOR CHANNEL 297 44444



