

MINOR CHANGE APPLICATION
YOUNGSTOWN RADIO LICENSE, L.L.C.
WAKZ RADIO STATION
CH 240A - 95.9 MHZ - 6.0 KW
SHARPSVILLE, PENNSYLVANIA
September 2002

EXHIBIT A

Present WAKZ Shortages

As shown on Exhibit A1, WAKZ, on Channel 240A from the present/proposed site, does not meet the Commission's minimum distance separation requirements, pursuant to §73.207, to the following facilities/allotments; WNPQ, WKST-FM and Canadian station CFPL-FM (detailed below). The shortages to WNPQ and WKST-FM are based on the change in the minimum distance separation requirements that were imposed on October 2, 1989 (which enabled Class A stations a maximum power of 6.0 kilowatts).³ The licensed facilities of WAKZ, WNPQ and WKST-FM were authorized prior to the change in spacing requirements for Class A stations.

Youngstown Radio License, L.L.C. ("YRL") has entered into agreements with the licensee of WNPQ and WKST-FM⁴ for a mutual increase of facilities for these facilities. Copies of these agreements and a contingent application statement are attached to the legal section of this application. The proposed contingent applications are also shown on Exhibit A1. Based on this information, this proposal complies with §73.213 of the Commission's rules with respect to WNPQ and WKST-FM.

3) This also included a change in the spacing from miles to kilometers.

4) The licensee of WKST-FM has consented to the increase of power for WAKZ. There are no proposed changes to be made to WKST-FM.

Compliance with the U.S./Canadian Treaty

As shown on Exhibit A1, the present/proposed WAKZ site is located 200.9 kilowatts from the transmitter site of station CFPL-FM, Channel 240C1, London, Ontario, Canada.⁵ According to the “Working Arrangement for Allotment and Assignment of FM Broadcasting Channel 201-300 Under the Canadian-U.S.A. FM Broadcasting Agreement of 1947”, as amended, co-channel FM Class A to Class C1 stations should be separated by 239 kilometers. Channel 240C1 at London, Ontario, Canada, was a specially negotiated shortspaced allotment. Pursuant to the treaty, a U.S. station cannot deliver interference to the 54.0 dBu (50/50) of a Class C1 Canadian facility. In this case, interference is caused if the 34.0 dBu (50/10) contour of WAKZ crosses the CFPL-FM 54.0 dBu contour.⁶ Further, the protected contour of WAKZ is the 60 dBu (50/50) contour. In order for interference to result, the CFPL-FM 40 dBu (50/10) contour must cross the protected contour of WAKZ (at 6.0 kilowatts). As shown on Exhibit A2, the protected and interfering contours of WAKZ and CFPL-FM do not overlap. Thus, no interference results between the stations. Therefore, this proposal complies with the U.S./Canadian treaty.

5) There are additional entries in the CDBS database for CFPL-FM. However, since they are further removed from WAKZ, the reviewed entry is considered worst case.

6) Based on maximum facilities for the class, no terrain.

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EXHIBIT A1

CLEARANCE STUDY FOR WAKZ RADIO STATION SHARPSVILLE, PENNSYLVANIA
 USING PRESENT/PROPOSED SITE AS REFERENCE

REFERENCE	CLASS A	DISPLAY DATES
41 13 05 N		DATA 09-27-02
80 33 43 W	Current rules spacings	SEARCH 09-30-02
----- CHANNEL 240 - 95.9 MHz -----		

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
WAKZ	240A	Sharpsville	PA	0.0	0.00	115.0	-115.00
LIC CX	41 13 05	80 33 43	3.000 kW	100M	0.0	71.5	
		Youngstown Radio License, L.L.C.		BMLH-20020620AAA			
1	CFPLFM	240C1 London	ON	343.5	200.90	243.0	-42.10
	OPEDHN	42 56 59 81 15 53	300.000 kW	273M	124.9	151.0	
1	CFPLFM	240C1 London	ON	343.5	201.40	243.0	-41.60
	OPEDCN	42 57 15 81 15 58	380.000 kW	270M	125.2	151.0	
2	WNPQ	240A New Philadelphia	OH	228.9	104.37	115.0	-10.63
	LIC CN	40 35 51 81 29 32	2.000 kW	121M	64.9	71.5	
		Tuscarawas Broadcasting Company		BLH-19900814KG			
2	WNPQ	240A New Philadelphia	OH	228.9	104.37	115.0	-10.63
	APP CN	40 35 51 81 29 32	4.100 kW	121M	64.9	71.5	
		Tuscarawas Broadcasting Company					
3	WKSTFM	241B Pittsburgh	PA	150.9	104.30	113.0	-8.70
	LIC CN	40 23 49 79 57 43	44.000 kW	159M	64.8	70.2	
		Capstar Tx Limited Partnership		BLH-19920206KC			
	CFPL-F	240C1 London	ON	343.5	200.94	200.0	0.94
	APP	42 56 59 81 15 53	0.000 kW	0M	124.9	124.3	
	WAKS	243B Akron	OH	269.0	80.68	69.0	11.68
	LIC CN	41 12 05 81 31 25	50.000 kW	134M	50.1	42.9	
		Capstar Tx Limited Partnership		BLH-7094			
	WFHMF	238B Cleveland	OH	288.1	81.67	69.0	12.67
	LIC CX	41 26 32 81 29 28	31.000 kW	189M	50.8	42.9	
		SCA License Corporation		BMLH-20020812ABY			
	WAKS.C	243B Akron	OH	274.8	89.19	69.0	20.19
	CP NCX	41 16 50 81 37 22	31.000 kW	189M	55.4	42.9	
		Capstar Tx Limited Partnership		BPH-20001006ABM			
	ALLO	240A Sykesville	PA	96.7	147.24	115.0	32.24
	VAC	41 03 01 78 49 21	0.000 kW	0M	91.5	71.5	
				RM-10191			

Note 1 : CFPL-FM is a specially negotiated allotment. See Exhibit A.
 Note 2 : This station has consented to the WAKZ proposal. See Exhibit A.
 Note 3 : The licensee of WKST-FM consented to this proposal. See Exhibit A.

Graham Brock, Inc. - Broadcast Technical Consultants

WAKZ Proposed

Latitude: 41-13-05 N
Longitude: 080-33-43 W
ERP: 6.00 kW
Channel: 240A
Frequency: 95.9 MHz
AMSL Height: 420.0 m
Elevation: 365.06 m
HAAT: 100.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

CFPL-FM Operating

Latitude: 42-56-59 N
Longitude: 081-15-53 W
ERP: 300.00 kW
Channel: 240C1
Frequency: 95.9 MHz
AMSL Height: 533.0 m
Elevation: 274.0 m
HAAT: 273.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

CFPL-FM 54 dBu (50/50)

CFPL-FM 40 dBu (50/10)

WAKZ 34 dBu (50/10)

WAKZ 60 dBu (50/50)

EXHIBIT A2
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Scale 1:2,500,000
0 30 60 90 km