

Displacement Application

Educational Media Foundation ("EMF") submits this application in order to change the channel of its licensed translator facility K256AY, Detroit, MI from channel 256 to channel 228.

EMF has been operating on channel 256. Recently, the class A Canadian allocation on 256 (CJAM-FM) commenced operation and EMF shut off W256AY in order to not cause interference. Please see attached Exhibit 1A which shows CJAM-FM's 54 dBu protected contour and W256AY's 34 dBu interfering contour. If W256AY were to continue to broadcast on channel 256, it is predicted that it will cause widespread interference to CJAM-FM. In order to eliminate the potential for interference, a move to an alternate frequency is necessary.

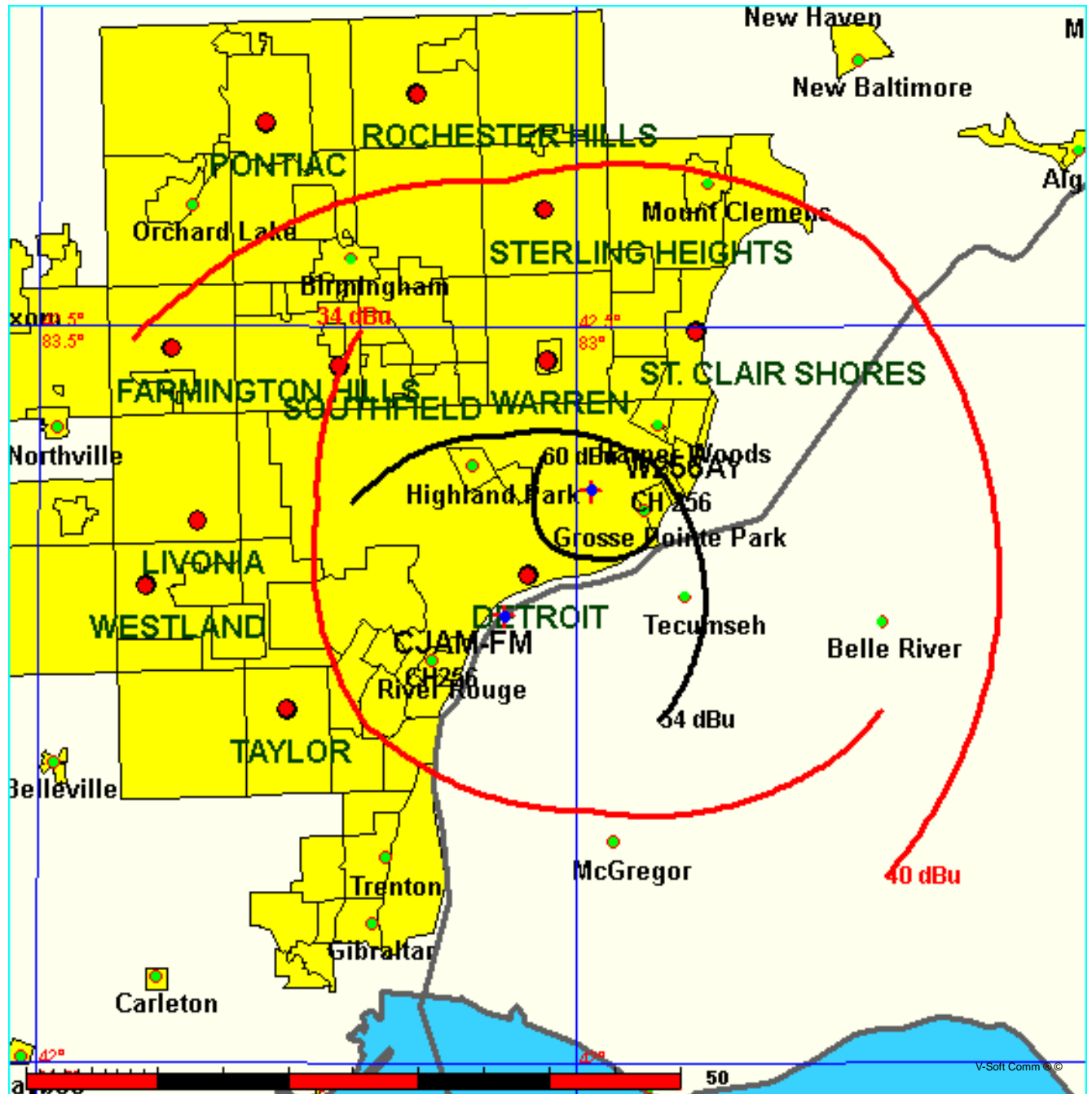
EMF submits that it is not technically feasible to operate W256AY on its current channel 256 or the 1st, 2nd, 3rd adjacent channels, or the intermod frequency channels (see attached Exhibit 1-B). In order to continue to provide service to the listeners of W256AY, EMF has chosen channel 228. Except for the channel change, the technical parameters and physical location of the translator remain unchanged.

Exhibit 1-A

FMCommander Single Allocation Study - 10-05-2011 - NGDC 30 SEC
W256AY's Overlaps (In= -31.97 km, Out= -28.62 km)

W256AY CH 256 D
Lat= 42 23 22.0, Lng= 82 59 08.0
0.04 kW 41.9 M HAAT, 223 M COR
Prot.= 60 dBu, Intef.= 34 dBu

CJAM-FM CH 256 A 20090216CA3
Lat= 42 18 17.0, Lng= 83 04 03.0
0.456 kW 49.5 M HAAT, 233 M COR
Prot.= 54 dBu, Intef.= 40 dBu



Current Channel 256

REFERENCE		CH# 256D - 99.1 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M							DISPLAY DATES		
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km							DATA 10-05-11		
82 59 08.0 W.		Omni-directional							SEARCH 10-05-11		
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
254B Detroit	WDZH	LIC	CN MI	272.7 92.6	13.5 BLH19890928KF	42 23 42.0 83 08 58.0	50.000 141	5.8 332	64.0 Cbs Radio East Inc.	3.3	-51.3*
258B Detroit	WYCD	LIC	CX MI	296.0 115.9	16.3 BMLH20051017AAM	42 27 13.0 83 09 50.0	17.500 240	5.6 440	64.5 Cbs Radio Inc. Of Michigan	6.3	-49.1*
256A Windsor	CJAM-FM	USE	CN ON	215.6 35.5	11.6 20090216CA3	42 18 17.0 83 04 03.0	0.456 50	38.3 233	15.5	-32.0*	-28.6*

Channel 255 (first adjacent)

REFERENCE		CH# 255D - 98.9 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M							DISPLAY DATES		
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km							DATA 10-05-11		
82 59 08.0 W.		Omni-directional							SEARCH 10-05-11		
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
254B Detroit	WDZH	LIC	CN MI	272.7 92.6	13.5 BLH19890928KF	42 23 42.0 83 08 58.0	50.000 141	76.9 332	64.0 Cbs Radio East Inc.	-67.8*	-59.5*
258B Detroit	WYCD	LIC	CX MI	296.0 115.9	16.3 BMLH20051017AAM	42 27 13.0 83 09 50.0	17.500 240	5.6 440	64.5 Cbs Radio Inc. Of Michigan	6.3	-49.1*
256A Windsor	CJAM-FM	USE	CN ON	215.6 35.5	11.6 20090216CA3	42 18 17.0 83 04 03.0	0.456 50	15.9 233	15.5	-9.6*	-14.5*

Channel 254(second adjacent)

REFERENCE		CH# 254D - 98.7 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M							DISPLAY DATES		
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km							DATA 10-05-11		
82 59 08.0 W.		Omni-directional							SEARCH 10-05-11		
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
254B Detroit	WDZH	LIC	CN MI	272.7 92.6	13.5 BLH19890928KF	42 23 42.0 83 08 58.0	50.000 141	136.6 332	64.0 Cbs Radio East Inc.	-127.6*	-71.6*
256A Windsor	CJAM-FM	USE	CN ON	215.6 35.5	11.6 20090216CA3	42 18 17.0 83 04 03.0	0.456 50	1.5 233	15.5	4.8	-6.4*
256D Detroit	W256AY	LIC	C MI	0.0 0.0	0.0 BLFT20070830AEC	42 23 22.0 82 59 08.0	0.040 42	0.4 223	4.8 Educational Media Foundati	-5.3*	-5.3*

Channel 253(third adjacent)

REFERENCE		CH# 253D - 98.5 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M							DISPLAY DATES		
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km							DATA 10-05-11		
82 59 08.0 W.		Omni-directional							SEARCH 10-05-11		
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
254B Detroit	WDZH	LIC	CN MI	272.7 92.6	13.5 BLH19890928KF	42 23 42.0 83 08 58.0	50.000 141	76.9 332	64.0 Cbs Radio East Inc.	-67.8*	-59.5*
250B Detroit	WJLB	LIC	CN MI	280.1 100.1	10.6 BLH19810811AO	42 24 22.0 83 06 44.0	50.000 149	6.1 339	65.7 Amfm Radio Licenses, L.L.c	0.1	-56.0*
256D Detroit	W256AY	LIC	C MI	0.0 0.0	0.0 BLFT20070830AEC	42 23 22.0 82 59 08.0	0.040 42	0.4 223	4.8 Educational Media Foundati	-5.3*	-5.3*

Channel 257(first adjacent)

REFERENCE		CH# 257D - 99.3 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M								DISPLAY DATES	
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km								DATA 10-05-11	
82 59 08.0 W.		Omni-directional								SEARCH 10-05-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
258B Detroit	WYCD	LIC	CX MI	296.0 115.9	16.3 BMLH20051017AAM	42 27 13.0 83 09 50.0	17.500 240	76.1 440	64.5 Cbs Radio Inc. Of Michigan	-64.2*	-57.3*
254B Detroit	WDZH	LIC	CN MI	272.7 92.6	13.5 BLH19890928KF	42 23 42.0 83 08 58.0	50.000 141	5.8 332	64.0 Cbs Radio East Inc.	3.3	-51.3*
256A Windsor	CJAM-FM	USE	CN ON	215.6 35.5	11.6 20090216CA3	42 18 17.0 83 04 03.0	0.456 50	15.9 233	15.5	-9.6*	-14.5*
256D Detroit	W256AY	LIC	C MI	0.0 0.0	0.0 BLFT20070830AEC	42 23 22.0 82 59 08.0	0.040 42	6.8 223	4.8 Educational Media Foundati	-11.7*	-11.7*

Channel 258(second adjacent)

REFERENCE		CH# 258D - 99.5 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M								DISPLAY DATES	
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km								DATA 10-05-11	
82 59 08.0 W.		Omni-directional								SEARCH 10-05-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
258B Detroit	WYCD	LIC	CX MI	296.0 115.9	16.3 BMLH20051017AAM	42 27 13.0 83 09 50.0	17.500 240	126.3 440	64.5 Cbs Radio Inc. Of Michigan	-114.4*	-69.3*
256A Windsor	CJAM-FM	USE	CN ON	215.6 35.5	11.6 20090216CA3	42 18 17.0 83 04 03.0	0.456 50	1.5 233	15.5	4.8	-6.4*
256D Detroit	W256AY	LIC	C MI	0.0 0.0	0.0 BLFT20070830AEC	42 23 22.0 82 59 08.0	0.040 42	0.4 223	4.8 Educational Media Foundati	-5.3*	-5.3*

Channel 259(third adjacent)

REFERENCE		CH# 259D - 99.7 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M								DISPLAY DATES	
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km								DATA 10-05-11	
82 59 08.0 W.		Omni-directional								SEARCH 10-05-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
258B Detroit	WYCD	LIC	CX MI	296.0 115.9	16.3 BMLH20051017AAM	42 27 13.0 83 09 50.0	17.500 240	76.1 440	64.5 Cbs Radio Inc. Of Michigan	-64.2*	-57.3*
262B Dearborn	WNIC	LIC	CN MI	270.1 89.9	13.4 BLH19850719KR	42 23 22.0 83 08 53.0	32.000 183	5.8 374	64.6 Amfm Radio Licenses, L.l.c	3.1	-52.1*
256D Detroit	W256AY	LIC	C MI	0.0 0.0	0.0 BLFT20070830AEC	42 23 22.0 82 59 08.0	0.040 42	0.4 223	4.8 Educational Media Foundati	-5.3*	-5.3*

Channel 203 (intermod frequency)

REFERENCE		CH# 203D - 88.5 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M								DISPLAY DATES	
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km								DATA 10-05-11	
82 59 08.0 W.		Omni-directional								SEARCH 10-05-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
204C1 Windsor	CIMX	OPE	HN ON	181.1 1.1	24.3	42 10 15.0 82 59 29.0	100.000 176	90.3 360	74.1	-71.2*	-60.2*
202A Grosse Point Shores	WDTE	CP	DEX MI	41.0 221.1	12.5 BNPED20071019AFB	42 28 26.6 82 53 08.6	5.500 50	27.7 225	18.9 Smile Fm	-21.1*	-14.7*

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 1B

Detroit, MI

Channel 202 (intermod frequency)

REFERENCE		CH# 202D - 88.3 MHz, Pwr= 0.04 kW, HAAT= 41.9 M, COR= 223 M								DISPLAY DATES	
42 23 22.0 N.		Average Protected F(50-50)= 5.3 km								DATA 10-05-11	
82 59 08.0 W.		Omni-directional								SEARCH 10-05-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
202A	WDTE	CP	DEX	41.0	12.5	42 28 26.6	5.500	71.8	18.9	-65.2*	-25.8*
	Grosse Point Shores		MI	221.1	BNPED20071019AFB	82 53 08.6	50	225	Smile Fm		
204C1	CIMX	OPE	HN	181.1	24.3	42 10 15.0	100.000	7.5	74.1	11.7	-52.2*
	Windsor		ON	1.1		82 59 29.0	176	360			
06Z	CIII-TV-2	AP	HN	131.3	55.1	42 03 41.0	3.000	10.1	67.0	77.1R	-22.0M
	Stevenson		ON	311.7	BPFS20041023AAN	82 29 05.0	300	484			
202D	496223	APP	C	22.3	18.1	42 32 23.0	0.120	20.9	6.3	-8.1*	-5.1
	Harrison Township		MI	202.3	BNPFT20000419AAL	82 54 07.0	40	217	Northland Community Broadc		