

FIGURE 4 (Page 1 of 2)

CHANNEL ALLOCATION - PROPOSED SITE

***** FM CHANNEL STUDY NO. 1 - MULLANEY ENGINEERING, INC. GAITHERSBURG, MARYLAND - 12-APR-02 15:19:40 *****
***** LAST UPDATE: 020312 *****

WZPL	258 B	FM	POLARIZATION	ERP (KW)	HAAT	RCAMSL
GREENFIELD IN US				HOR PLN	BM TILT	(METER)
39.4536 86.0022 (D.MMSS)	99.5 MHz		HORIZONTAL	19.000	0.000	236.0
			VERTICAL	19.000	0.000	236.0
						483.3
						483.3

THE CANADIAN BORDER IS 340.4 KM ON A BEARING OF 45.8 DEG. TRUE

AZIMUTH	FROM	TO	CALL	STS	FILE NUMBER	CITY	ST C	LAT (D.MMSS)	LONG REL CHN	ERP (KW) HORZ VERT	HAAT (M)	D I-CON F5010 F5050 (KM) (KM)	P-CON F5050 (KM)	DIST (KM)	IR RSEP (KM)	IC RSEP (KM)	REZLT IR IC
313.1	133.0	WICR	LIC		BLED010813AA	INDIANAPO	IN A	39.5358	86.1202 IF 204B	5H V	279			22.7	20.		C
133.8	314.5	WSCH	LIC		BLH891117KB	AURORA	IN A	38.5755	84.5651 1ST 257A	1.15H 1.15V	160	SEE NOTE 1		126.9	113.		
17.4	197.7	WCJC	LIC		BLH890906KD	VAN BUREN	IN A	40.4001	85.3750 1ST 257A	3H 3V	100	73.213 (c) (1)		105.7	105.		C
344.0	163.6	WKVI-F	LIC		BMLH910401KB	KNOX	IN A	41.1920	86.3617 1ST 257A	3.3H 3.3V	91			180.7	113.		
149.8	331.1	WKDP-F	LIC		BLH891226KE	CORBIN	KY A	36.5714	83.5841 CO 258C2	25H 25V	216	SEE NOTE 1		358.4	241.		
213.0	32.0	WKDQ	LIC		BLH881025KC	HENDERSON	KY A	37.5257	87.3227 CO 258C	100B 100B	300	SEE NOTE 1		247.4	274.		S
[122.8	304.1	WAOL	LIC\		BLH980831KA	RIPLEY	OH A	38.4328	83.5902 CO 258C3	11.5H 11.5V	970	SEE NOTE 1		209.0	211.		S]
[125.1	306.3	WAOL	CP /		BPH010507AA	RIPLEY	OH A	38.3855	84.0042 CO 258C3	13H 13V	140	SEE NOTE 1		211.9	211.		C]
15.9	195.9	WZPL	LIC		BLH830524AC	GREENFIEL	IN A	39.4603	86.0012 CO 258B	12.5H 12.5V	302			0.9	241.		-
14.4	194.4	WZPLau	LIC		BLH970402KF	GREENFIEL	IN A	39.4539	86.0021 CO 258B	47H 47V	146			0.1	241.		-
291.5	109.7	WDQZ	LIC		BLH010720AB	LEXINGTON	IL A	40.3430	88.5015 CO 258A	6H 6V	100			257.6	178.		
[330.8	149.7	WUSN	LIC\		BLH891214KB	CHICAGO	IL A	41.5356	87.3723 CO 258B	8.3H 8.3V	358			273.9	241.]
[330.8	149.7	WUSN	CP /		BPH000620AE	CHICAGO	IL A	41.5356	87.3723 CO 258B	5.7B 5.7B	425			273.9	241.]
37.6	219.4	WYCD	LIC		BLH940829KA	DETROIT	MI A	42.2713	83.0950 CO 258B	17.5H 17.5V	240			382.7	241.		
174.6	354.7	WDJX	LIC		BLH870522KC	LOUISVILL	KY A	38.2153	85.5018 1ST 259B	24H 24V	218	SEE NOTE 1		155.6	169.		S
83.8	265.7	WBZX	LIC		BLH881128KA	COLUMBUS	OH A	39.5816	83.0140 1ST 259B	20H 20V	239			255.9	169.		
334.9	154.6	WSHW	LIC		BLH820419AT	FRANKFORT	IN A	40.2514	86.2447 1ST 259B	50H 50V	140			81.1	169.		S

NOTE 1: DISTANCE SEPARATION BETWEEN THIS STATION AND PROPOSED WXPL SITE IS LESS THAN SEPARATION WITH THE LICENSED WZPL SITE

THERE WERE 0 AM STATIONS WITHIN 6.43 KM (4 MI) OF THE FM REFERENCE COORDINATES

FIGURE 4 (Page 2 of 2)

CHANNEL ALLOCATION - LICENSED SITE

***** FM CHANNEL STUDY NO. 1 - MULLANEY ENGINEERING, INC. GAITHERSBURG, MARYLAND - 12-APR-02 15:37:37 *****
***** LAST UPDATE: 020312 *****

WZPL	BLH830524AC	258 B	FM	POLARIZATION	ERP (KW)	HAAT	RCAMSL
GREENFIELD IN	US		LIC		HOR PLN	BM TILT	(METER)
39.4603	86.0012 (D.MMSS)	99.5	MHz	HORIZONTAL	12.500	0.000	302.0
MYSTAR COMMUNICATIONS CORPORATION				VERTICAL	12.500	0.000	302.0
							551
							551

THE CANADIAN BORDER IS 339.6 KM ON A BEARING OF 45.8 DEG. TRUE

AZIMUTH	FROM	TO	CALL	STS	FILE NUMBER	CITY	ST C	LAT (D.MMSS)	LONG REL CHN	ERP (KW) HORZ VERT	HAAT D (M)	I-CON F5010	P-CON F5050	DIST (KM)	IR RSEP (KM)	IC RSEP (KM)	REZLT IR IC
311.1	131.0	WICR	LIC		BLE010813AA	INDIANAPO	IN A	39.5358	86.1202 IF 204B	5H V	279			22.4	20.		C
134.2	314.8	WSCH	LIC		BLH891117KB	AURORA	IN A	38.5755	84.5651 1ST 257A	1.15H 1.15V	160			127.3	113.		
17.4	197.7	WCJC	LIC		BLH890906KD	VAN BUREN	IN A	40.4001	85.3750 1ST 257A	3H 3V	100	73.213(c) (1)		104.8	105.		C
343.8	163.4	WKVI-F	LIC		BMLH910401KB	KNOX	IN A	41.1920	86.3617 1ST 257A	3.3H 3.3V	91			180.0	113.		
149.9	331.2	WKDP-F	LIC		BLH891226KE	CORBIN	KY A	36.5714	83.5841 CO 258C2	25H 25V	216			359.0	241.		
212.9	32.0	WKDQ	LIC		BLH881025KC	HENDERSON	KY A	37.5257	87.3227 CO 258C	100B 100B	300			248.2	274.		S
123.1	304.3	WAOL	LIC		BLH980831KA	RIPLEY	OH A	38.4328	83.5902 CO 258C3	11.5H 11.5V	970			209.3	211.		S
125.3	306.6	WAOL	CP		BPH010507AA	RIPLEY	OH A	38.3855	84.0042 CO 258C3	13H 13V	140			212.2	211.		C
0.0	0.0	WZPL	LIC		BLH830524AC	GREENFIEL	IN A	39.4603	86.0012 CO 258B	12.5H 12.5V	302			0.0	241.		-
196.1	16.1	WZPLau	LIC		BLH970402KF	GREENFIEL	IN A	39.4539	86.0021 CO 258B	47H 47V	146			0.8	241.		-
291.4	109.5	WDQZ	LIC		BLH010720AB	LEXINGTON	IL A	40.3430	88.5015 CO 258A	6H 6V	100			257.5	178.		
330.6	149.6	WUSN	LIC		BLH891214KB	CHICAGO	IL A	41.5356	87.3723 CO 258B	8.3H 8.3V	358			273.3	241.		
330.6	149.6	WUSN	CP		BPH000620AE	CHICAGO	IL A	41.5356	87.3723 CO 258B	5.7B 5.7B	425			273.3	241.		
37.6	219.5	WYCD	LIC		BLH940829KA	DETROIT	MI A	42.2713	83.0950 CO 258B	17.5H 17.5V	240			381.9	241.		
174.7	354.8	WDJX	LIC		BLH870522KC	LOUISVILL	KY A	38.2153	85.5018 1ST 259B	24H 24V	218			156.4	169.		S
84.0	265.9	WBZX	LIC		BLH881128KA	COLUMBUS	OH A	39.5816	83.0140 1ST 259B	20H 20V	239			255.6	169.		
334.5	154.2	WSHW	LIC		BLH820419AT	FRANKFORT	IN A	40.2514	86.2447 1ST 259B	50H 50V	140			80.5	169.		S

THERE WERE 0 AM STATIONS WITHIN 6.43 KM (4 MI) OF THE FM REFERENCE COORDINATES