

FCC Form 349 - Attachment to Exhibit 12

Frequency Search Exhibit

William Cornwall - Hudson, Wisconsin

File No. BNPFT-20030314AQA

Date: August 27, 2003

Frec.	Call	City	Class	ERP-kw	HAAT meters	60dBu-km	Lat.	Long.	Total Distance km	Required Separation km	Safety Margin km
95.1	WQRB	Bloomer, Wisc.	C-3	8.9	166	39.109	44-55-44	91-32-31	95.39	40.20	55.20
95.3	WGMO	Shell Lake, Wisc.	C-3	7.1	156	36.136	45-40-28	91-58-52	99.01	37.22	61.78
95.3	KNOF	St. Paul, Minn.	A	6.0	98	28.026	44-56-49	93-09-27	32.28	29.11	3.17
95.5	KRDS-FM	New Prague, Minn.	A	3.0	100	24.223	44-27-41	93-35-08	86.91	34.66	52.25
95.5	KBK	Mora, Minn.	C-3	25	100	39.081	45-44-33	93-22-48	99.30	49.52	49.78
95.7	Proposed	Hudson, Wisc,	Trans	0.25	32	4.6	44-58-03	92-44-58	0.00		
95.7	WPCA-LP	Amery, Wisc.	L-1	0.10*	30.1*	3.6	45-19-05	92-20-27	50.50	18.80	31.71
95.9	WLKX-FM	Forest Lake, Minn.	A	3.0	91	23.144	45-17-40	93-04-22	44.35	33.58	10.77
95.9	KQCL	Faribault, Minn.	A	3.0	100	24.233	44-21-25	93-11-31	76.39	34.67	41.72
95.9	WDMO	Durand, Wisc.	A	1.3	152	24.118	44-34-53	91-54-44	78.95	34.55	44.40
95.9	WDMO	Durand, Wisc.	A	4.3	118	28.278	44-39-30	91-48-18	82.23	38.71	43.52
96.1	WJMC-FM	Rice Lake, Wisc.	C-2	50	147	51.795	45-37-14	91-44-44	107.09	52.88	54.21
96.1	WRHS-LP	River Falls, Wisc.	L-1	0.1*	30*	3.6	44-50-49.7	92-36-32.3	17.38	4.69	12.69
96.3	KTBT	Glencoe, Minn.	C-1	100	176	61.511	44-56-25	93-55-43	93.10	62.60	30.50

Notes:

- * 1. Low power FMs have been considered operating at fully allowed HAAT and ERP.
- 2. Each nearby station's F50/50 60dBu countour must be protected by translator.
- 3. Translator's F50/10 contours for 40dBu, 50dBu and 100dBu were used to check overlap depending on adjacency.

IF Separations (10.6 & 10.8 mHz removed)									Total Dist - km	Required Sep. - km	Safety Margin - km
106.3	WEVR-FM	River Falls, Wisc.	A	6.0	100	28.295	44-53-19	92-39-02	11.74	10	1.74
106.5	KDXL	St. Louis Park, Minn.	D	6.0*	100*	28.295*	44-56-36	93-21-39	48.32	10	38.32
95.7	Proposed	Hudson, Wisc,	Trans	6.0*	100*	28.295*	44-58-03	92-44-58	0.00		

Notes:

- * 1. For IF separations, applicant's proposed translator & Class D station were assumed to be full Class A stations as per 74.1204(g) & 73.207.