Engineering statement

W268DB Yorkville Illinois

Minor change AM translator for WDYS

Attached is a request for a minor amendment to the current license for W268DB, basically.

We are requesting to change from a Da operation the current license for W268DB is To Non-Da, and increase the HAAT.

The current license for W268DB is restricted in coverage because of FCC distance rules from the current licensed transmitter site of 25 miles. WDYS received a CP to change COL to Somonauk Illinois and build a new transmitter site.

The new tower site is under construction (see photos) We expect to be going on the air from the new site in July 2021, the tower is currently going up, transmitter building is complete, transmitter is on hand, etc...

We request this minor mod- application for the WDYS translator W268DB be granted now as a CP with a condition that the new translator facilities cannot go on air until WDYS begins program test authority operations at the new location for the new COL at Somonauk Illinois, CP attached.

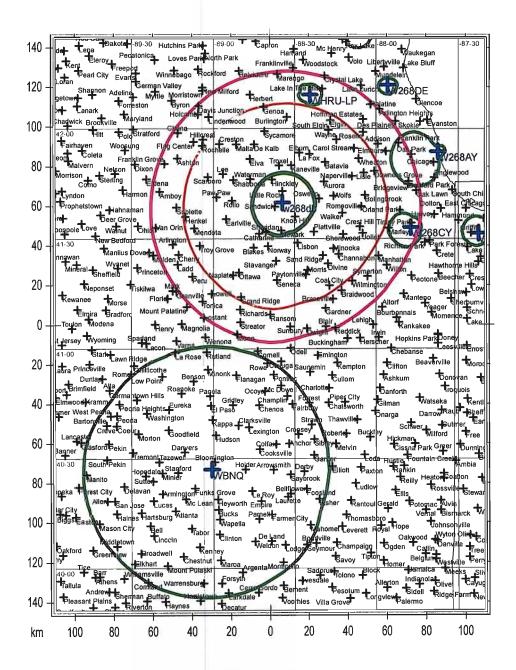
If a waiver of an FCC Rule is required, it is hereby requested. The FCC under Rural Radio has determined this change for WDYS is a preferential COL alignment of WDYS under 307(b) in the public interest is tied to the WDYS license.

Sincerely Larry Nelson CEO

Larry Nelson

630-247-9301

Minor Change W268DB and Co Channel Stations

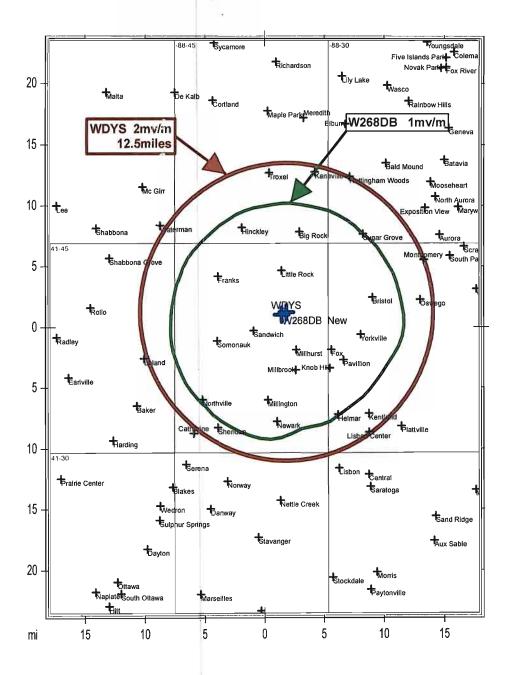


Green = 1mv/m & .5mv/m, Red=40dbu, Pink = 34 dbu

State Borders

Lat/Lon Grid

Minor Change W268DB and WDYS



Green = 60 dbu, Brown = 2mv/m

State Borders

Lat/Lon Grid

Callsign : WBNQ

Coordinates : 40-27-01.0 N, 89-00-42.0 W

Comments : *§73.215* Frequency (MHz): 101.50000

HAAT (m): 106.26 AMSL (m): 375.00 Elevation (m): 261.00 Tower AGL (m): 114.00

ERP (w): 50000

TX power (w): 50 Gain (dB): 0.00

City/State : BLOOMINGTON, IL ARN : BLH19971103KB

Distance (km): 79

Licensee : CUMULUS LICENSING LLC

Contour type : F(50,50) Signal strength : 54.000 dBu

Area covered : 12722.600 sq. km Population covered: 579229 persons

Contour HAAT (m) : 140.4

	AT AAT I		Dist	Brg	AT	HAAT	Dist	Brg AT	•	HAAT	Dist	Brg AT
0	 242	133	 62.7	90	251	124	61.3	180	226	149	64.9	270
214	161		02.7	50	231	424	01.5	100	220	142	04.5	270
5	243		62.5	95	253	122	61.0	185	225	150	65.1	275
215	160	66.4										
10	242	133	62.7	100	254	121	60.8	190	223	152	65.3	280
217	158	66.1										
15	244		62.4	105	255	120	60.6	195	221	154	65.6	285
221	154											
20	242		62.7	110	255	120	60.6	200	220	155	65.7	290
227	148											
25	242		62.7	115	249	126	61.6	205	217	158	66.1	295
233	142		60 F	120	242	422	62.7	210	247	150	cc 1	200
30	243		62.5	120	242	133	62.7	210	217	158	66.1	300
240 35	135 243		62.5	125	238	127	63.3	215	218	157	66.0	305
244	131			123	250	137	03.3	213	210	137	00.0	303
40	245			130	235	140	63.7	220	217	158	66.1	310
242	133		0212	130	233	110	03.7	220			00.1	320
45	247		61.9	135	232	143	64.1	225	216	159	66.2	315
241	134	62.8										
50	250	125	61.4	140	232	143	64.1	230	217	158	66.1	320
242	133	62.7										
55	252		61.1	145	233	142	64.0	235	213	162	66.6	325
241	134				i lie							
60	253			150	234	141	63.8	240	210	165	67.0	330
240	135			455	222	442	C 4 . 1	245	244	164	66.0	225
65 244	254			155	232	143	64.1	245	211	164	66.8	335
244	131	62.4										

70	254	121	60.8	160	231	144	64.3	250	212	163	66.7	340
244	131	62.4										
75	252	123	61.1	165	229	146	64.5	255	211	164	66.8	345
243	132	62.5										
80	251	124	61.3	170	228	147	64.7	260	211	164	66.8	350
243	132	62.5										
85	253	122	61.0	175	228	147	64.7	265	212	163	66.7	355
243	132	62.5										

Callsign : WLGS-LP

Coordinates : 42-25-18.0 N, 88-06-23.0 W

Comments

Frequency (MHz): 101.50000

HAAT (m): 12.77 AMSL (m): 268.00 Elevation (m): 251.00 Tower AGL (m): 17.00

ERP (w): 100

TX power (w): 0 Gain (dB): 0.00

City/State : LAKE VILLA, IL ARN : BLL20050525AJG

Distance (km): 152

Licensee : CALVARY CHAPEL OF LAKE VILLA

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 113.000 sq. km
Population covered: 55079 persons

Contour HAAT (m) : 32.9

Brg /		HAAT ist	Dist	Brg A	AT	HAAT	Dist	Brg A	ΛT	HAAT	Dist	Brg AT
					+8+-							
0	235	33	5.9	90	224	44	6.8	180	240	28	5.6	270
245	23	5.6										
5	241	27	5.6	95	225	43	6.7	185	237	31	5.7	275
237	31	5.7				20	- 4	100	226	2.2	- 0	200
10	245	23	5.6	100	229	39	6.4	190	236	32	5.8	280
232	36	6.1										
1 5	242	26	5.6	105	234	34	6.0	195	235	33	5.9	285
239	29	5.6										
20	238	30	5.6	110	234	34	6.0	200	233	35	6.0	290
244	24	5.6										
25	236	32	5.8	115	234	34	6.0	205	233	35	6.0	295
245	23	5.6										
30	234	34	6.0	120	235	33	5.9	210	233	35	6.0	300
246	22	5.6										
35	232	36	6.1	125	235	33	5.9	215	230	38	6.3	305
248	20	5.6										
40	232	36	6.1	130	235	33	5.9	220	229	39	6.4	310
249	19	5.6										

45	234	34	6.0	135	237	31	5.7	225	229	39	6.4	315
244	24	5.6										
50	236	32	5.8	140	239	29	5.6	230	228	40	6.5	320
236	32	5.8										
55	237	31	5.7	145	240	28	5.6	235	227	41	6.5	325
231	37	6.2										
60	234	34	6.0	150	241	27	5.6	240	226	42	6.6	330
228	40	6.5										
65	232	36	6.1	155	241	27	5.6	245	226	42	6.6	335
228	40	6.5										
70	229	39	6.4	160	240	28	5.6	250	233	35	6.0	340
227	41	6.5										
75	227	41	6.5	165	239	29	5.6	255	240	28	5.6	345
227	41	6.5										
80	225	43	6.7	170	239	29	5.6	260	245	23	5.6	350
229	39	6.4										
85	224	44	6.8	175	240	28	5.6	265	247	21	5.6	355
233	35	6.0										

Callsign : WIPZ-LP

Coordinates : 42-38-49.0 N, 87-51-19.0 W

Comments :

Frequency (MHz): 101.50000

HAAT (m): -2.05 AMSL (m): 228.00 Elevation (m): 203.00 Tower AGL (m): 25.00

ERP (w): 100

TX power (w): 0 Gain (dB): 0.00

City/State : KENOSHA, WI ARN : BMLL20161206AAI

Distance (km): 183

Licensee : BD OF REGENTS, UNIV OF WISC. SYST. ON BEHALF OF UW-PARKSIDE

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 124.800 sq. km
Population covered: 49458 persons

Contour HAAT (m) : 27.2

Brg A	AT I AAT D:	TAAH	Dist	Brg A	AT	HAAT	Dist	Brg A	AT	HAAT	Dist	Brg AT
	·											
			-									
0	218	10	5.6	90	178	50	7.2	180	195	33	5.9	270
225	3	5.6										
5	219	9	5.6	95	178	50	7.2	185	203	25	5.6	275
225	3	5.6										
10	211	17	5.6	100	178	50	7.2	190	207	21	5.6	280
226	2	5.6										
1 5	205	23	5.6	105	178	50	7.2	195	208	20	5.6	285
226	2	5.6										

20	198	30	5.6	110	178	50	7.2	200	209	19	5.6	290
225	3	5.6										
25	193	35	6.0	115	178	50	7.2	205	209	19	5.6	295
225	3	5.6										
30	188	40	6.5	120	178	50	7.2	210	208	20	5.6	300
225	3	5.6										
35	186	42	6.6	125	178	50	7.2	215	208	20	5.6	305
226	2	5.6										
40	183	45	6.9	130	177	51	7.3	220	209	19	5.6	310
226	2	5.6										
45	181	47	7.0	135	178	50	7.2	225	211	17	5.6	315
225	3	5.6										
50	179	49	7.2	140	178	50	7.2	230	215	13	5.6	320
222	6	5.6										
55	179	49	7.2	145	179	49	7.2	235	217	11	5.6	325
221	7	5.6										
60	178	50	7.2	150	179	49	7.2	240	219	9	5.6	330
221	7	5.6										
65	178	50	7.2	155	179	49	7.2	245	221	7	5.6	335
218	10	5.6										
70	178	50	7.2	160	180	48	7.1	250	222	6	5.6	340
215	13	5.6										
75	178	50	7.2	165	182	46	6.9	255	225	3	5.6	345
213	15	5.6										
80	178	50	7.2	170	184	44	6.8	260	225	3	5.6	350
213	15	5.6										
85	178	50	7.2	175	187	41	6.5	265	225	3	5.6	355
213	15	5.6										

Callsign : W268AY

Coordinates : 41-53-56.0 N, 87-37-23.0 W

Comments :

Frequency (MHz): 101.50000

HAAT (m): 323.68 AMSL (m): 531.00 Elevation (m): 179.00 Tower AGL (m): 352.00

ERP (w): 250

TX power (w): 0 Gain (dB): 0.00

City/State : SEWARD TOWNSHIP, IL ARN : BLFT20170317ABC

Distance (km): 122

Licensee : EDUCATIONAL MEDIA FOUNDATION

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 537.800 sq. km
Population covered: 2295324 persons

Contour HAAT (m) : 351.9

Brg AT HAAT Dist Brg AT HAAT Dist Brg AT HAAT Dist Brg AT

HAAT Dist

		-									
		2.9	90	177	354	3.7	180	177	354	10.7	270
		2.9	95	1//	354	3.6	185	177	354	13.2	275
		2.0	100	477	254	2.6	100	470	252	45.0	
		2.9	100	1//	354	3.6	190	1/8	353	15.2	280
		2 0	105	177	254	2 4	105	170	252	16 7	205
		2.3	163	1//	334	3.4	190	1/9	332	10.7	285
		2.9	110	177	354	3 2	200	179	352	12 1	290
		213	110	_,,	334	3,2	200	1, 3	332	10.1	250
177		3.1	115	177	354	3.1	205	180	351	19.2	295
345	19.1										
177	354	3.2	120	177	354	2.9	210	180	351	20.3	300
347	17.9										
177	354	3.4	125	177	354	2.9	215	180	351	21.2	305
	16.6										
		3.6	130	177	354	2.9	220	179	352	22.1	310
		3.6	135	177	354	2.9	225	178	353	22.8	315
			4.40	4	25.4			4			
		3.7	140	177	354	2.9	230	177	354	23.4	320
		2 7	115	177	254	2.0	225	170	252	22.0	225
		3./	145	1//	334	2.9	235	1/8	353	23.8	325
		3 7	150	177	35/	2 0	240	190	351	2/ 1	330
		J.,	130	1//	224	2.5	240	180	331	24.1	226
		3.7	155	177	354	2.9	245	180	351	24.2	335
349											
177	354	3.7	160	177	354	2.9	250	181	350	24.3	340
349	2.9										
177	354	3.7	165	177	354	3.7	255	181	350	24.2	345
353	2.9										
177	354	3.7	170	177	354	4.4	260	183	348	24.0	350
354	2.9										
177	354	3.7	175	177	354	8.2	265	184	347	23.6	355
354	2.9										
	345 177 347 177 349 177 350 177 348 177 347 177 348 177 349 177 349 177 353 177	346 23.2 177 354 345 22.5 177 354 345 21.9 177 354 345 20.2 177 354 345 19.1 177 354 347 17.9 177 354 349 16.6 177 354 348 13.1 177 354 347 10.6 177 354 347 8.1 177 354 348 4.4 177 354 349 3.7 177 354 349 2.9 177 354 353 2.9 177 354 354 2.9 177 354 354 2.9 177 354 354 2.9 177 354 354 2.9 177	346 23.2 177 354 2.9 345 22.5 177 354 2.9 345 21.9 177 354 2.9 345 20.2 177 354 3.1 345 19.1 177 354 3.2 347 17.9 177 354 3.4 349 16.6 177 354 3.6 350 15.2 177 354 3.6 348 13.1 177 354 3.7 347 10.6 177 354 3.7 347 8.1 177 354 3.7 348 4.4 177 354 3.7 349 3.7 3.7 3.7 349 3.7 3.7 3.7 349 2.9 177 354 3.7 353 2.9 177 354 3.7 354	346 23.2 177 354 2.9 95 345 22.5 100 345 21.9 105 345 21.9 105 345 21.0 110 345 20.2 110 345 20.2 117 177 354 3.1 115 345 19.1 177 354 3.2 120 347 17.9 177 354 3.4 125 349 16.6 177 354 3.6 130 350 15.2 177 354 3.6 135 348 13.1 177 354 3.7 140 347 10.6 177 354 3.7 145 347 8.1 177 354 3.7 150 348 4.4 177 354 3.7 155 349 3.7 155 349 3.7 155 349 3.7 354 3.7 166	346 23.2 177 354 2.9 95 177 345 22.5 177 354 2.9 100 177 345 21.9 105 177 345 21.0 177 354 2.9 110 177 345 20.2 177 354 3.1 115 177 345 19.1 177 354 3.2 120 177 347 17.9 177 354 3.4 125 177 349 16.6 177 354 3.6 130 177 350 15.2 177 354 3.6 135 177 348 13.1 177 354 3.7 140 177 347 10.6 177 347 145 177 347 3.4 3.7 150 177 348 4.4 177 354 3.7 150 177 349 3.7 150 177 348 4.4 177	346 23.2 177 354 2.9 95 177 354 345 22.5 177 354 2.9 100 177 354 345 21.9 105 177 354 345 21.0 177 354 <t< td=""><td>346 23.2 177 354 2.9 95 177 354 3.6 345 22.5 177 354 2.9 100 177 354 3.6 345 21.9 105 177 354 3.4 345 21.0 177 354 3.2 345 20.2 110 177 354 3.2 345 29.2 110 177 354 3.2 345 20.2 177 354 3.1 3.1 354 3.1 345 19.1 177 354 3.1 3.1 354 3.2</td><td>346 23.2 177 354 2.9 95 177 354 3.6 185 345 22.5 177 354 3.6 190 345 21.9 100 177 354 3.4 195 345 21.0 177 354 3.2 200 345 20.2 177 354 3.2 200 345 20.2 177 354 3.1 205 345 19.1 177 354 3.1 205 345 19.1 177 354 3.1 205 347 17.9 177 354 2.9 210 347 17.9 177 354 2.9 215 349 16.6 177 354 2.9 220 350 15.2 177 354 2.9 220 350 15.2 177 354 2.9 225 348 13.1 177 354 2.9 230 347 10.6</td></t<> <td>346 23.2 177 354 2.9 95 177 354 3.6 185 177 345 22.5 177 354 3.6 190 178 345 21.9 100 177 354 3.6 190 178 345 21.9 105 177 354 3.4 195 179 345 21.0 177 354 3.2 200 179 345 20.2 177 354 3.1 205 180 345 19.1 177 354 3.1 205 180 347 17.9 177 354 2.9 210 180 347 17.9 177 354 2.9 215 180 349 16.6 177 354 2.9 215 180 349 16.6 177 354 2.9 220 179 350 15.2 177 354 2.9 225 178 348 13.1 177</td> <td>346 23.2 177 354 2.9 95 177 354 3.6 185 177 354 345 22.5 100 177 354 3.6 190 178 353 345 21.9 105 177 354 3.4 195 179 352 345 21.0 177 354 3.2 200 179 352 345 22.0 110 177 354 3.2 200 179 352 345 20.2 177 354 3.1 205 180 351 345 19.1 177 354 3.1 205 180 351 345 19.1 177 354 3.2 120 177 354 3.1 205 180 351 347 17.9 177 354 2.9 210 180 351 349 16.6 177 354 2.9 220 179 352 350 15.2 177 354</td> <td>346 23.2 177 354 2.9 95 177 354 3.6 185 177 354 13.2 345 22.5 177 354 2.9 100 177 354 3.6 190 178 353 15.2 345 21.9 105 177 354 3.4 195 179 352 16.7 345 21.0 177 354 2.9 110 177 354 3.2 200 179 352 18.1 345 20.2 110 177 354 3.1 115 177 354 3.1 205 180 351 19.2 345 19.1 177 354 3.2 120 177 354 3.1 19.2 347 17.9 177 354 3.2 120 177 354 2.9 210 180 351 21.2 349 16.6 177 354 3.6 130 177 354 2.9 220 179</td>	346 23.2 177 354 2.9 95 177 354 3.6 345 22.5 177 354 2.9 100 177 354 3.6 345 21.9 105 177 354 3.4 345 21.0 177 354 3.2 345 20.2 110 177 354 3.2 345 29.2 110 177 354 3.2 345 20.2 177 354 3.1 3.1 354 3.1 345 19.1 177 354 3.1 3.1 354 3.2	346 23.2 177 354 2.9 95 177 354 3.6 185 345 22.5 177 354 3.6 190 345 21.9 100 177 354 3.4 195 345 21.0 177 354 3.2 200 345 20.2 177 354 3.2 200 345 20.2 177 354 3.1 205 345 19.1 177 354 3.1 205 345 19.1 177 354 3.1 205 347 17.9 177 354 2.9 210 347 17.9 177 354 2.9 215 349 16.6 177 354 2.9 220 350 15.2 177 354 2.9 220 350 15.2 177 354 2.9 225 348 13.1 177 354 2.9 230 347 10.6	346 23.2 177 354 2.9 95 177 354 3.6 185 177 345 22.5 177 354 3.6 190 178 345 21.9 100 177 354 3.6 190 178 345 21.9 105 177 354 3.4 195 179 345 21.0 177 354 3.2 200 179 345 20.2 177 354 3.1 205 180 345 19.1 177 354 3.1 205 180 347 17.9 177 354 2.9 210 180 347 17.9 177 354 2.9 215 180 349 16.6 177 354 2.9 215 180 349 16.6 177 354 2.9 220 179 350 15.2 177 354 2.9 225 178 348 13.1 177	346 23.2 177 354 2.9 95 177 354 3.6 185 177 354 345 22.5 100 177 354 3.6 190 178 353 345 21.9 105 177 354 3.4 195 179 352 345 21.0 177 354 3.2 200 179 352 345 22.0 110 177 354 3.2 200 179 352 345 20.2 177 354 3.1 205 180 351 345 19.1 177 354 3.1 205 180 351 345 19.1 177 354 3.2 120 177 354 3.1 205 180 351 347 17.9 177 354 2.9 210 180 351 349 16.6 177 354 2.9 220 179 352 350 15.2 177 354	346 23.2 177 354 2.9 95 177 354 3.6 185 177 354 13.2 345 22.5 177 354 2.9 100 177 354 3.6 190 178 353 15.2 345 21.9 105 177 354 3.4 195 179 352 16.7 345 21.0 177 354 2.9 110 177 354 3.2 200 179 352 18.1 345 20.2 110 177 354 3.1 115 177 354 3.1 205 180 351 19.2 345 19.1 177 354 3.2 120 177 354 3.1 19.2 347 17.9 177 354 3.2 120 177 354 2.9 210 180 351 21.2 349 16.6 177 354 3.6 130 177 354 2.9 220 179

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Callsign : W268CY

Coordinates : 41-33-10.0 N, 87-47-09.0 W

Comments :

Frequency (MHz): 101.50000

HAAT (m): 45.32 AMSL (m): 301.00 Elevation (m): 210.00 Tower AGL (m): 91.00

ERP (w): 200

TX power (w): 0 Gain (dB): 0.00

City/State : TINLEY PARK, IL ARN : BNPFT20171219ADD

Distance (km): 87

Licensee : HAWKINS BROADCASTING COMPANY

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 218.900 sq. km
Population covered: 138081 persons

Contour HAAT (m) : 90.4
Brg AT HAAT Dist Br

	AT AAT	HAAT Dist	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg AT
0	 197	104		90	197	104	5.3	180	226	75	9.5	270
215	86	11.4										
5	196	105	5.7	95	198	103	5.3	185	225	76	9.9	275
216	85	11.2										
10	196	105	5.4	100	201	100	5.2	190	225	76	10.2	280
219	82	10.8										
15	196	105	5.4	105	203	98	5.2	195	227	74	10.2	285
221	80	10.6										
20	194	107	5.4	110	204	97	5.1	200	227	74	10.3	290
222	79											
25	193		5.4	115	206	95	5.4	205	225	76	10.6	295
222	79											
30	192		5.5	120	211	90	5.5	210	224	77	10.8	300
220	81											
35	191		5.5	125	211	90	6.0	215	224	77	10.8	305
216	85											
40	191		5.5	130	214	87	6.3	220	224	77	10.8	310
214	87			405		0.5					40.0	24.
45	191		5.5	135	216	85	6.7	225	223	78	10.8	315
216	85			440	247	0.4	7.4	220	224	00	44.0	220
50	191		5.5	140	217	84	7.1	230	221	80	11.0	320
215	86			145	220	01	7 1	225	220	01	11 0	225
55 214	191		5.5	145	220	81	7.4	235	220	81	11.0	325
60	87 193		5.4	150	223	78	7.6	240	216	85	11.3	330
214	193 87			130	223	70	7.0	240	210	65	11.5	330
65	193			155	225	76	7.9	245	214	87	11.4	335
210	91			1,0		, ,	,.,	2-13	2.2.1	07		333
70	194			160	228	73	8.1	250	213	88	11.5	340
208	93											
75	195			165	228	73	8.4	255	210	91	11.7	345
206	95											
80	197			170	228	73	8.8	260	210	91	11.7	350
203	98	6.7										
85	196		5.4	175	228	73	9.1	265	211	90	11.6	355
199	102	6.4										

Callsign : W268DE

Coordinates : 42-11-56.7 N, 87-55-46.6 W

Comments

Frequency (MHz): 101.50000

HAAT (m): -20.57 AMSL (m): 228.00 Elevation (m): 198.00 Tower AGL (m): 30.00

ERP (w): 50

TX power (w): 0 Gain (dB): 0.00

City/State : LAKE FOREST, IL ARN : BNPFT20180509ADH

Distance (km): 135

Licensee : IMMACULATE HEART MEDIA, INC.

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 60.800 sq. km
Population covered: 36732 persons

Contour HAAT (m) : 17.8

_	AT I		Dist	Brg A	AT	HAAT	Dist	Brg A	ΛT	HAAT	Dist	Brg AT
		 -	-		· -							
0	203	25	3.5	90	191	37	5.1	180	198	30	4.7	270
238	-10	4.5										
5	209	19	3.5	95	192	36	5.1	185	201	27	4.7	275
237	-9	4.5										
10	208	20	3.5	100	194	34	4.9	190	203	25	4.7	280
237	-9	4.4										
15	210	18	3.6	105	196	32	4.8	195	206	22	4.7	285
236	-8	4.3										
20	209	19	3.6	110	197	31	4.8	200	207	21	4.7	290
234	-6	4.2										
25	207	21	3.6	115	199	29	4.7	205	211	17	4.7	295
232	-4	4.1										
30	206	22	3.6	120	198	30	4.7	210	214	14	4.7	300
230	-2	4.0										
35	200	28	3.7	125	199	29	4.7	215	216	12	4.7	305
232	-4	3.9										
40	197	31	3.8	130	199	29	4.7	220	217	11	4.7	310
233	-5	3.9	4.0	425	200	20	4 -	225	240	•	4 7	245
45	195	33	4.0	135	200	28	4.7	225	219	9	4.7	315
233	-5	3.8	4 1	1.40	100	20	4 7	220	224		4 7	220
50	194	34	4.1	140	199	29	4.7	230	221	7	4.7	320
230 55	-2 193	3.7 35	4.3	145	200	28	4.7	235	225	3	4.7	325
228	193	3.7	4.3	145	200	20	4.7	233	223	3	4.7	323
60	193	35	4.4	150	200	28	4.7	240	228	0	4.7	330
226	2	3.6	→•→	100	200	20	7.7	240	220	U	7.7	330
65	192	36	4.6	155	198	30	4.7	245	232	-4	4.7	335
222	6	3.6				50	. • •			•		

70	192	36	4.7	160	194	34	5.0	250	233	-5	4.7	340
216	12	3.6										
75	192	36	4.8	165	193	35	5.0	255	234	-6	4.7	345
210	18	3.6										
80	192	36	4.9	170	195	33	4.9	260	235	-7	4.6	350
202	26	3.5										
85	191	37	5.0	175	197	31	4.8	265	236	-8	4.6	355
199	29	3.5										

Callsign : W268DI

Coordinates : 41-31-38.7 N, 87-22-35.9 W

Comments

Frequency (MHz): 101.50000

HAAT (m): 27.98 AMSL (m): 249.00 Elevation (m): 194.00 Tower AGL (m): 55.00

ERP (w): 100

TX power (w): 0 Gain (dB): 0.00

City/State : GARY, IN

ARN : BNPFT20180509ADJ

Distance (km): 116

Licensee : IMMACULATE HEART MEDIA, INC.

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 161.400 sq. km
Population covered: 152073 persons

Contour HAAT (m) : 58.4

Brg /	AT I	HAAT ist		Brg A	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg AT
0 188	178 61	71 8.0	8.3	90	190	59	5.9	180	207	42	6.5	270
5	178	71	8.2	95	190	59	5.9	185	207	42	6.5	275
184 10	65 178	8.2 71	8.0	100	190	59	5.9	190	207	42	6.5	280
183 15	66 178	8.3 71	7.9	105	190	59	5.9	195	205	44	6.7	285
185 20	64 178	8.2 71	7.7	110	192	57	5.9	200	207	42	6.6	290
186 25	63 177	8.1 72	7.6	115	196	53	5.7	205	207	42	6.6	295
184	65	8.2										
30 183	178 66	71 8.3	7.4	120	199	50	5.6	210	205	44	6.8	300
35	178	71	7.2	125	201	48	5.6	215	204	45	6.8	305
181 40 180	68 178 69	8.5 71 8.5	7.1	130	203	46	5.5	220	202	47	7.0	310

45	179	70	6.9	135	203	46	5.7	225	201	48	7.0	315
180	69	8.5										
50	180	69	6.8	140	204	45	5.7	230	201	48	7.0	320
179	70	8.6										
55	179	70	6.7	145	204	45	5.8	235	200	49	7.1	325
179	70	8.6										
60	180	69	6.6	150	204	45	5.9	240	198	51	7.3	330
179	70	8.6										
65	182	67	6.4	155	204	45	6.0	245	193	56	7.6	335
179	70	8.6										
70	187	62	6.1	160	206	43	6.0	250	191	58	7.8	340
179	70	8.6						•				
75	189	60	6.0	165	207	42	6.1	255	190	59	7.8	345
178	71	8.6										
80	190	59	5.9	170	209	40	6.1	260	189	60	7.9	350
178	71	8.5										
85	190	59	5.9	175	211	38	6.0	265	189	60	7.9	355
178	71	8.4										

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Callsign : WLCB-LP

Coordinates : 42-34-53.8 N, 88-17-33.4 W

Comments

Frequency (MHz): 101.50000

HAAT (m): -2.75 AMSL (m): 278.00 Elevation (m): 261.00 Tower AGL (m): 17.00

ERP (w): 100

TX power (w): 0 Gain (dB): 0.00

City/State : BURLINGTON, WI ARN : BMLL20180716AAB

Distance (km): 166

Licensee : LAKES COMMUNITY BROADCASTING

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 111.600 sq. km
Population covered: 6697 persons

Contour HAAT (m) : 24.0

Brg A	AT I	TAAF	Dist	Brg /	ΑT	HAAT	Dist	Brg A	AT	HAAT	Dist	Brg AT
		- -										
			-									
0	246	32	5.8	90	237	41	6.5	180	252	26	5.6	270
277	1	5.6										
5	243	35	6.0	95	237	41	6.5	185	251	27	5.6	275
275	3	5.6										
10	238	40	6.5	100	235	43	6.7	190	255	23	5.6	280
269	9	5.6										
15	236	42	6.6	105	233	45	6.9	195	258	20	5.6	285
271	7	5.6					2.5			20	2.0	200

20	239	39	6.4	110	234	44	6.8	200	259	19	5.6	290
273	5	5.6										
25	240	38	6.3	115	234	44	6.8	205	263	15	5.6	295
271	7	5.6										
30	243	35	6.0	120	235	43	6.7	210	264	14	5.6	300
271	7	5.6										
35	241	37	6.2	125	235	43	6.7	215	266	12	5.6	305
271	7	5.6										
40	239	39	6.4	130	237	41	6.5	220	267	11	5.6	310
271	7	5.6										
45	240	38	6.3	135	240	38	6.3	225	266	12	5.6	315
271	7	5.6										
50	239	39	6.4	140	246	32	5.8	230	269	9	5.6	320
272	6	5.6										
55	240	38	6.3	145	255	23	5.6	235	272	6	5.6	325
271	7	5.6										
60	241	37	6.2	150	260	18	5.6	240	275	3	5.6	330
267	11	5.6										
65	241	37	6.2	155	262	16	5.6	245	275	3	5.6	335
262	16	5.6										
70	238	40	6.5	160	259	19	5.6	250	276	2	5.6	340
254	24	5.6										
75	237	41	6.5	165	255	23	5.6	255	276	2	5.6	345
250	28	5.6										
80	239	39	6.4	170	251	27	5.6	260	271	7	5.6	350
248	30	5.6										
85	238	40	6.5	175	251	27	5.6	265	270	8	5.6	355
248	30	5.6										

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Callsign : w268db

Coordinates : 41-39-55.0 N, 88-34-34.0 W

Comments

Frequency (MHz): 101.50000

HAAT (m): 123.41 AMSL (m): 352.70 Elevation (m): 201.00 Tower AGL (m): 151.70

ERP (w): 250

TX power (w): 0 Gain (dB): 0.00

City/State : PLANO, IL ARN : BLH20140122ABB

Distance (km): 62 Licensee : NELSON

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 782.900 sq. km
Population covered: 45066 persons

Contour HAAT (m) : 148.2

Brg AT HAAT Dist Brg AT HAAT Dist Brg AT

HAAT Dist

0	215	137	15.1	90	188	164	16.8	180	191	161	16.6	270
212	140	15.3									20.0	2,0
5	214	138	15.1	95	186	166	16.9	185	186	166	16.9	275
214	138	15.1										
10	214	138	15.1	100	187	165	16.8	190	185	167	16.9	280
215	137	15.1										
15	213	139	15.2	105	190	162	16.7	195	185	167	16.9	285
216	136	15.0										
20	211	141	15.3	110	196	156	16.3	200	187	165	16.8	290
217	135	14.9										
25	209	143	15.5	115	199	153	16.1	205	188	164	16.8	295
217	135	14.9	45 5	400	204							
30	208	144	15.5	120	201	151	16.0	210	189	163	16.7	300
217 35	135	14.9	15 7	125	202	140	15 0	245	100	160	46.7	205
217	206 135	146 1 4.9	15.7	125	203	149	15.8	215	190	162	16.7	305
40	206	14.9	15.7	130	202	150	15.9	220	194	158	16.4	310
219	133	14.8	13.7	130	202	130	13.9	220	154	136	10.4	210
45	206	146	15.7	135	203	149	15.8	225	195	157	16.3	315
220	132	14.8	1317	133	203	177	13.0	223	100	137	10.5	213
50	203	149	15.8	140	205	147	15.7	230	196	156	16.3	320
220	132	14.8										320
55	200	152	16.0	145	204	148	15.8	235	198	154	16.2	325
219	133	14.8										
60	200	152	16.0	150	203	149	15.8	240	200	152	16.0	330
219	133	14.8										
65	198	154	16.2	155	200	152	16.0	245	202	150	15.9	335
218	134	14.9										
70	196	156	16.3	160	201	151	16.0	250	204	148	15.8	340
217	135	14.9										
75	195	157	16.3	165	205	147	15.7	255	205	147	15.7	345
218	134	14.9	44 -	4=0		4.0						
80	193	159	16.5	170	204	148	15.8	260	207	145	15.6	350
218	134	14.9	16.6	475	100	454	46.0	265	240	4.40	45.4	255
85 217		161	16.6	175	198	154	16.2	265	210	142	15.4	355
217	135	14.9										
Conto	ur tv	no	: F(56	3 10)								
	_	-	: 40.6									
_		_	: 8345		. km							
			ed: 1662									
-			: 148.	-								
		HAAT ´			T	HAAT	Dist	Brg A	AΤ	HAAT	Dist	Brg AT
HA	AAT D	ist		_								J
			-									
0	215		50.0	90	188	164	53.7	180	191	161	53.3	270
212	140	50.4										

5 214	214 138	138	50.2	95	186	166	53.9	185	186	166	53.9	275
10	214	50.2 138	50.2	100	187	165	53.8	190	105	167	F4 4	200
215	137	50.0	30.2	100	107	103	33.0	190	185	167	54.1	280
15	213	139	50.3	105	190	162	53.4	195	185	167	54.1	285
216	1 36	49.9										
20	211	141	50.6	110	196	156	52.6	200	187	165	53.8	290
217 25	135 209	49.8 143	50.9	115	199	153	52.2	205	100	164	F2 7	205
217	135	49.8	30.3	113	123	133	52.2	. 205	188	164	53.7	295
30	208	144	51.0	120	201	151	51.9	210	189	163	53.5	300
217	135	49.8										
35	206	146	51.3	125	203	149	51.7	215	190	162	53.4	305
217 40	135 206	49.8 146	E1 2	120	202	150	E1 0	220	104	150	F2 0	210
219	133	49.5	51.3	130	202	150	51.8	220	194	158	52.9	310
45	206	146	51.3	135	203	149	51.7	225	195	157	52.7	315
220	132	49.4										
50	203	149	51.7	140	205	147	51.4	230	196	156	52.6	320
220 55	132 200	49.4 152	52.1	145	204	148	51.5	235	198	154	52.3	325
219	133	49.5	52.1	145	204	140	21.2	233	190	154	52.5	323
60	200	152	52.1	150	203	149	51.7	240	200	152	52.1	330
219	133	49.5										
65	198	154	52.3	155	200	152	52.1	245	202	150	51.8	335
218 70	134 196	49.6 156	52.6	160	201	151	51.9	250	204	148	51.5	340
217	135	49.8	32.0	100	201	131	21.9	230	204	140	51.5	340
75	195	157	52.7	165	205	147	51.4	255	205	147	51.4	345
218	134	49.6										
80	193	159	53.0	170	204	148	51.5	260	207	145	51.1	350
218 85	134 191	49.6 161	53.3	175	198	154	52.3	265	210	142	50.7	355
217		49.8	22.2	1/3	130	154	32.3	203	210	142	30.7	333
Conto	our ty	pe	: F(50	,10)								
Signa	al str	ength	: 34.6	000 dBu								
			: 1464		•	n						
-			ed: 3525		sons							
			: 148.		т.	LIAAT	Dict	Png	A.T.	HAAT	Dict	Brg AT
_	AI NAT D		Dist	Brg F	()	паат	Dist	ыв	AI	паат	DISC	big Ai
			-									
0			66.5	90	188	164	70.7	180	191	161	70.3	270
212 5	140 214	67.0 138	66.7	95	186	166	71.0	185	186	166	71.0	275
214		66 7	00.7	,,	100	100	, 1.0	100	100	100	, 1.0	2, 3

165 70.9

167 71.2

138 66.7

137 66.5

66.7

15	213	139	66.9	105	190	162	70.4	195	185	167	71.2	285
216	136	66.4										
20	211	141	67.2	110	196	156	69.5	200	187	165	70.9	290
217	135	66.2										
25	209	14 3	67.5	115	199	153	69.1	205	188	164	70.7	295
217	135	66.2										
30	208	144	67.7	120	201	151	68.8	210	189	163	70.6	300
217	135	66.2										
35	206	146	68.0	125	203	149	68.5	215	190	162	70.4	305
217	135	66.2										
40	206	146	68.0	130	202	150	68.6	220	194	158	69.8	310
219	133	65.9										
45	206	146	68.0	135	203	149	68.5	225	195	157	69.7	315
220	132	65.7										
50	203	149	68.5	140	205	147	68.2	230	196	156	69.5	320
220	132	65.7										
55	200	152	68.9	145	204	148	68.3	235	198	154	69.2	325
219	133	65.9										
60	200	152	68.9	150	203	149	68.5	240	200	152	68.9	330
219	133	65.9										
65	198	154	69.2	155	200	152	68.9	245	202	150	68.6	335
218	134	66.0										
70	196	156	69.5	160	201	151	68.8	250	204	148	68.3	340
217	135	66.2										
75	195	157	69.7	165	205	147	68.2	255	205	147	68.2	345
218	134	66.0										
80	193	159	70.0	170	204	148	68.3	260	207	145	67.8	350
218	134	66.0			,							
85	191	161	70.3	175	198	154	69.2	265	210	142	67.4	355
217	135	66.2										

Callsign : WHRU-LP

Coordinates : 42-09-15.0 N, 88-24-23.0 W

Comments

Frequency (MHz): 101.50000

HAAT (m): 54.98 AMSL (m): 320.00 Elevation (m): 268.00 Tower AGL (m): 52.00

ERP (w): 32

TX power (w): 0 Gain (dB): 0.00

City/State : HUNTLEY, IL ARN : BLL20141007ABT

Distance (km): 117

Licensee : HUNTLEY COMMUNITY RADIO LTD. NFP

Contour type : F(50,50)
Signal strength : 60.000 dBu
Area covered : 98.900 sq. km
Population covered: 20368 persons

Contour HAAT (m) : 52.5

Brg A		HAAT ist	Dist	Brg /	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg AT
0	273	47	5.3	90	257	63	6.1	180	274	46	5.3	270
265	55	5.8										
5	273	47	5.3	95	258	62	6.1	185	275	45	5.2	275
270	50	5.5										
10	272	48	5.4	100	262	58	5.9	190	274	46	5.3	280
275	45	5.2										
15	272	48	5.4	105	261	59	5.9	195	278	42	5.0	285
278	42	5.0	F 4	110	260	60		200	202			222
20 274	271 46	49	5.4	110	260	60	6.0	200	283	37	4.7	290
274	270	5.3 50	5.5	115	259	61	6.0	205	200	วา	4.4	205
270	50	5.5	٠.٥	115	233	01	0.0	205	288	32	4.4	295
30	268	52	5.6	120	257	63	6.1	210	287	33	4.4	300
265	55	5.8	3.0	120	237	03	0.1	210	207	23	7.7	300
35	267	53	5.7	125	253	67	6.3	215	286	34	4.5	305
259	61	6.0										
40	267	53	5.7	130	249	71	6.5	220	284	36	4.6	310
257	63	6.1										
45	266	54	5.7	135	250	70	6.5	225	282	38	4.8	315
256	64	6.2										
50	264	56	5.8	140	256	64	6.2	230	280	40	4.9	320
257	63	6.1										
55	261	59	5.9	145	263	57	5.9	235	278	42	5.0	325
259	61	6.0	F 0	450	264		- 0					
60	262	58	5.9	150	264	56	5.8	240	275	45	5.2	330
262 65	58 261	5.9 59	5.9	155	264	F.6	E O	245	272	47	г э	225
266	54	5.7	3.3	133	204	56	5.8	245	273	47	5.3	335
70	256	64	6.2	160	267	53	5.7	250	271	49	5.4	340
271	49	5.4	0.2	100	207	23	3.7	230	2/1	47	J. 4	340
75	253	67	6.3	165	272	48	5.4	255	269	51	5.6	345
274	46	5.3	- 				- • •				5.0	2 13
80	256	64	6.2	170	274	46	5.3	260	268	52	5.6	350
274	46	5.3										
85	258	62	6.1	175	272	48	5.4	265	264	56	5.8	355
274	46	5.3										



(REFERENCE COPY - Not for submission) License To Cover for FM Translator Application

File Number: 0000143569 Submit Date: 04/16/2021 Lead Call Sign: W268DB FRN: 0006461933

Service: FM Translator | Purpose: License To Cover | Status: Pending | Status Date: 04/22/2021 | Filing Status: Active

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	No

Fees, Walvers, and Exemptions

General Information

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	No
Waivers	Does this filing request a waiver of the Commission's rule (s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type Call Sign	Facility ID Fee Code	Fee Amount
License To Cover	MEF	\$170.00
	Total	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NELSON MULTIMEDIA, INC	ONE BROADCAST CENTER PLANO, IL 60545 United States	+1 (000) 000- 0000	LARRY.NELSON. WSPY@GMAIL.COM	Company

Contact Representatives (1)

Contact Name	Address	Phone	Email	Contact Type
John Neely , Esq . MILLER AND NEELY, P.C.	4 Simms Court KENSINGTON, MD 20895	+1 (301) 933- 6304	JOHNSNEELY@YAHOO. COM	Legal Representative
	United States			

Legal Certifications

Section	Question Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.

Station Ready for Operation	Applicant certifies that station is now in satisfactory operating condition and ready for regular operation.	Yes
Rebroadcast Certification	For applicants proposing translator rebroadcasts that are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.	
Support Compliance	The applicant, if for a commercial FM translator station with a coverage contour extending beyond the protected contour of the commercial primary station being rebroadcast, certifies that it has not received any support, before or after constructing, directly or indirectly, from the licensee /permittee of the primary station or any person with an interest in or connection with the licensee or permittee of the primary station, except for technical assistance as provided for under 47 C.F.R. Section 74.1232(e).	
	Applicant certifies that the FM translator's (a) 1mV/m coverage contour does not extend beyond the protected contour of the commercial FM primary station to be rebroadcast, or (b) entire 1mV/m coverage contour is contained within the greater of either: (i) the 2 mV/m daytime contour of the commercial AM primary station to be rebroadcast, or (ii) a 25-mile radius centered at the commercial AM primary station's transmitter site.	
Operational Compliance	Applicant certifies that it is not the licensee or permittee of the commercial primary station being rebroadcast and that neither it nor any parties to the application have any interest in or connection with the commercial primary station being rebroadcast? See 47 C.F.R. Section 74.1232(d).	
Equal Employment Opportunity (EEO)	If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report.	
Local Public Notice	Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.	
Program Service Certification	Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.	
Adverse Findings	Applicant certifies that, with respect to the applicant and any party to the application, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any laws related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.	Yes
	the application has or had any interest in, or connection with: (a) any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised.	
Character Issues	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect. Applicant certifies that neither the applicant nor any party to	Yes

Programming	The applicant certifies that it is the licensee of the primary station or the applicant certifies that written authority has been obtained from the licensee of the primary station whose programming is to be retransmitted.	Yes
Eligibility Certifications	The applicant certifies that it is a:	
	If the applicant is submitting multiple applications, is this application the "priority" application? See Creation of a Low Power Radio Service, Memorandum Opinion and Order on Reconsideration, 15 FCC Rcd 19208, 19239-40, 79-80, paras. 79-80 (2000).	
	The applicant certifies that the Commission has previously granted a broadcast application identified here by file number that found this applicant qualified as a noncommercial educational entity with a qualifying educational program, and that the applicant will use the proposed station to advance a program similar to that the Commission has found qualifying in applicant's previous application.	
	The applicant certifies that its governing documents (e.g., articles of incorporation, by-laws, charter, enabling statute, and/or other pertinent organizational document) permit the applicant to advance an educational program and that there is no provision in any of those documents that would restrict the applicant from advancing an educational program or complying with any Commission rule, policy, or provision of the Communications Act of 1934, as amended.	
Community-Based Criteria	Applicants must certify that they are local to be eligible for LPFM authorizations. An applicant must select "yes" to at least one of the certifications below to be eligible for an LPFM license. The applicant certifies that:	
	it is a nonprofit educational institution or organization that is physically headquartered or has a campus within 16.1 kilometers (10 miles), if applicant is in the top 50 urban markets, or 32.1 kilometers (20 miles) if applicant is outside the top 50 urban markets, of the proposed transmitting antenna site set forth in this application	
	It is a nonprofit educational institution or organization that has 75 percent of its board members residing within 16.1 kilometers (10 miles), if applicant is in the top 50 urban markets, or 32.1 kilometers (20 miles) if applicant is outside the top 50 urban markets, of the proposed transmitting antenna site set forth in this application	
	it is a Tribe and its Tribal Lands, as that term is defined in Section 73.7000 of the Commission's rules, are within the service area of the proposed LPFM station; or it is a Tribal organization owned or controlled by a Tribe (or Tribes) and such Tribe's (or Tribes') Tribal Lands, as that term is defined in Section 73.7000 of the Commission's rules, are within the service area of the proposed LPFM station. See 47 C.F.R. Sections 73.853(c) and 73.7000.	
	it proposes a public safety radio service and has jurisdiction within the service area of the proposed LPFM station.	
Ownership	The applicant certifies that: no party to this application has an attributable interest in any low power FM broadcast station	
	no party to this application has an attributable interest in any non-LPFM broadcast station, including any full power AM or FM station, FM translator station, full or low power television station, or any other media subject to the Commission's broadcast ownership restrictions	

	no party to this application has pending an application for a low power FM, full power AM or FM station, FM translator station, or full or low power television station;	
	the applicant is in compliance with the Commission's policies relating to media interests of immediate family members; and	
	the applicant is in compliance with the Commission's policies relating to investor insulation and the non-participation of non-party investors and creditors.	
Unlicensed Operation	The applicant certifies, under penalty of perjury, that neither the applicant nor any party to the application has engaged in any manner, individually or with other persons, groups, organizations, or other entities, in the unlicensed operation of any station in violation of Section 301 of the Communications Act of 1934, as amended, 47 U.S.C. Section 301.	
Financial	The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.	
Holding Period Certifications	Applicant certifies that this application does not propose a modification to an authorization that was awarded on the basis of a preference for fair distribution of service pursuant to 47 U.S.C. Section 307(b).	
	Applicant certifles that this application does not propose a modification to an authorized station that received a credit for superior technical parameters under the point system selection method in 47 C.F.R. Section 73.7003.	
Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b)	Applicant certifies that the proposed station will provide a first rural (reception) service.	
Section Sur(b)	Applicant certifies that: (a) it is a Tribal Applicant, as defined in 47 C.F.R. Section 73.7000:	
	(b) the facilities proposed in this Application will provide Tribal Coverage, as defined in 47 C.F.R. Section 73.7000, of Tribal Lands occupied by the applicant Tribe(s); (c) the proposed community of license is located on Tribal Lands, as defined in 47 C.F.R. Section 73.7000; and (d) the proposed facility would be the first local Tribal-owned noncommercial educational transmission service at the proposed community of license	
	Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people.	
	Applicant certifies that the proposed station will provide a second noncommercial educational aural service, or an aggregated first and second noncommercial educational aural service, to (a) at least 10 percent of the people residing within the station's 60 dBu (1 mV/m) service contour and (b) to a minimum of 2,000 people.	
Auction Authorization	If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections	

Tribal Priority – Threshold Qualifications	Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window?
Petition for Rulemaking /Counterproposal to Add New FM Channel to FM Table of Allotments	This application is being submitted concurrently with a Petition for Rulemaking or Counterproposal to Amend the FM Table of Allotments (47 C.F.R. Section 73.202) to add a new FM channel allotment. The petitioner/counterproponent certifies that, if the FM channel allotment requested is allotted, petitioner/counter-proponent will apply to participate in the auction of the channel allotment requested and specified in this application.

Channel and Facility Information

Section	Question	Response
Program Test Authority	The application is operating pursuant to automatic program test authority	Yes
	The applicant is requesting program test authority	No
Proposed Community of License	State	
	City	
	Channel	268
	Frequency	101.5
Facility Type	Facility Type	Commercial
Station Class	Station Class	D

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Coordinates (NAD83)	Latitude	41° 39' 55.0" N+
	Longitude	088° 34' 34.0" W-
	Structure Type	TOWER-A free standing o guyed struct
	Overall Structure Height	151.7 meters
	Support Structure Height	151.0 meters
	Ground Elevation (AMSL)	201.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:0 meters Vertical:130 meters
	Height of Radiation Center Above Average Terrain	Horizontal: Vertical:
	Height of Radiation Center Above Mean Sea Level	Horizontal:0 meters Vertical:331.7 meters
	Effective Radiated Power	Horizontal:0 Vertical: 0.25
	Transmitter Power Output	0.062 kW
Proposed Allotment or	Latitude	
Assignment - Coordinates (NAD83)	Longitude	

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional
Primary Station	Call Sign	WSPY
	Facility ID	69700
	Frequency	1480
	Channel	0
	Service Code	AM
	City	GENEVA
	State	IL
Delivery Method	Delivery Method	Direct-off-air
	If Other, Please specify:	
Transmitting Antenna	Manufacturer:	SCA
	Model	CL-FM (V)
	Antenna Number of Sections:	1
	Antenna Spacing Between Sections:	0.0

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.916	90	0.19	180	0.03	270	0.03
10	0.98	100	0.05	190	0.03	280	0.03
20	1.0	110	0.03	200	0.03	290	0.03
30	0.98	120	0.03	210	0.03	300	0.05
40	0.916	130	0.03	220	0.03	310	0.19
50	0.817	140	0.03	230	0.03	320	0.39
60	0.69	150	0.03	240	0.03	330	0.544
70	0.544	160	0.03	250	0.03	340	0.69
80	0.39	170	0.03	260	0.03	350	0.817

Additional Azimuths

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The State of the S		
Degree	0.00	Value	
-0g100	TAKETON AND THE	THE ROOM CONTRACTOR	
(ATM) See See See See See See See See See Se	25/4/2016		

Technical Certifications

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No
Broadcast Facility	Does the proposed facility comply with the applicable engineering standards and assignment requirements of 47 C.F.R. Sections 73.203, 73.207, 73.213, 73.315, 73.509, 73.515, 73.525, and 73.1125?	
Contour Protection	Does the proposed facility request processing pursuant to the contour protection provisions of 47 C.F.R Section 73.215?	No

Community of License Change - Section 307(b)	Is the application being submitted to change the facility's community of license? If 'Yes', an exhibit is required containing information demonstrating that the proposed community of license change constitutes a preferential arrangement of assignments under Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b))	
Proposal Compliance	Does the applicant certify that the proposal is for a fill-in translator or booster?	Yes
	Does the applicant certify that the proposal complies with Sections 74.1204, 74.1205, 74.1232, 74.1234 and 74.1235?	Yes
Interference	Does the applicant certify that the proposed facility complies with the engineering requirements of 47 CFR Section 73.807 (a) through (g), 73.825 and 73.827(a)?	
Transmitter Power Output	Does the operating transmitter power output produce the authorized effective radiated power?	Yes
Constructed Facility	The facility was constructed as authorized in the underlying construction permit or complles with 47 C.F.R. Section 74.1251?	Yes
Special Operating Conditions	Was the facility constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit?	Yes
Environmental	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No
Reasonable Site Assurance	Applicant certifies that it has reasonable assurance in good faith that the site or proposed structure at the location of its transmitting antenna will be available to the applicant for the applicant's intended purpose.	
	If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.	
	Name of the person contacted	
	Phone number of the person contacted	
	Person contacted is	

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	

The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1. 2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification § 1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.

Authorized Party to Sign

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID

Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Larry Nelson CEO

04/16/2021

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
W268DB program test operationsdocx	Applicant	Legal Certifications	Program Test Operation	Done with Virus Scan and/or Conversion



United States of America

FEDERAL COMMUNICATIONS COMMISSION AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

NELSON MULTIMEDIA, INC.

1 BROADCAST CTR

PLANO IL 60545

Facility Id: 69700

Call Sign: WDYS

Permit File Number: BP-20200508AAR

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 26, 2020

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

This permit modifies permit no.: BP-20200508AAR

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime

Average hours of sunrise and sunset: Local Standard Time (Non-Advanced)

Jan.	7:15 AM	4:45 PM	Jul.	4:30 AM	7:30 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:30 AM	7:00 PM	Nov.	6:45 AM	4:30 PM
Jun.	4:15 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Callsign: WDYS Permit No.: BP-20200508AAR

Name of Permittee: NELSON MULTIMEDIA, INC.

Station Location: SOMONAUK, IL

Frequency (kHz): 1480

Station Class: D

Antenna Coordinates:

Day

Latitude: N 41 Deg 40 Min 06 Sec Longitude: W 88 Deg 34 Min 06 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW):

Day: 0.25

Antenna Mode:

Day: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No. ASRN

1 None

51.5

Non-Directional Antenna: Day

Radiator Height: 50.6 meters;

90 dea

Theoretical Efficiency: 305.725 mV/m/kw at 1km

Special operating conditions or restrictions:

The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines. Callsign: WDYS Permit No.: BP-20200508AAR

Special operating conditions or restrictions:

A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.

- Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- Ground system consists of 120 equally spaced, buried copper radials about the base of the tower, each 50.6 meters in length, and 120 equally spaced, buried copper radials about the base of the tower, each 15.2 meters in length.

*** END OF AUTHORIZATION ***

WSPY-FM

IL PLANO

USA

FM LIC

To WSPY-FM Public Files

Licensee: NELSON ENTERPRISES, INC.

Service Designation: FM 'Full Service' FM station or application Channel/Class: 296A Frequency: 107.1 MHz Licensed File No.: BLH-20140122ABB Facility ID number: 48247

LMS Application ID: 4312e28575db4b98a579c1b6063ebeb7 Licensed date: 2014-03-14

(Assigned numerical ID: 1621395)

List associated FM translators and boosters that relay this station (if any)

Technical Data Links & Maps

41° 39' 55.10" N Latitude 88° 34' 34.30" W Longitude (NAD 83) Use NAD83 for FM CP and license filings

Previous NAD27 coordinates: 41° 39' 55.00" 88° 34' 34.00"

WSPY-FM's first license was granted 4-11-1974.

Polarization: Horizontal Vertical

Effective Radiated Power (ERP):

3.1 3.1 kw ERP

142. 142.

Antenna radiation center Height Above Average Terrain: Antenna radiation Center Height Above Mean Sea Level:

meters HAAT - Calculate HAAT 348. meters AMSL

348. Antenna radiation center Height Above Ground Level: 146. 146. meters AGL

41.665306

-88.576194

Non-Directional

Antenna ID: d897ccf2786b486da0a7c1b6063ebeb7 Antenna Model: JSLP-2D

Antenna Make: JAM Anter No. of antenna sections: 2

Additional Individual Tower Information from the Antenna Structure Registration database. (Use the Registration Number link for detailed information.)

NAD 83 Tower Coordinates Latitude Longitude NAD 27 N 41 39 55.0" W 88 34 34.0" TO NAD27 1988-AGL-111-OE

Convert to NAD 27

FAA Study No.

FAA links: Open Obstruction / Airport Airspace searches then try FAA Study No. 1988-AGL-111-OE

*** 1 Records Retrieved ***

Return to FM Query Data Entry screen