

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.

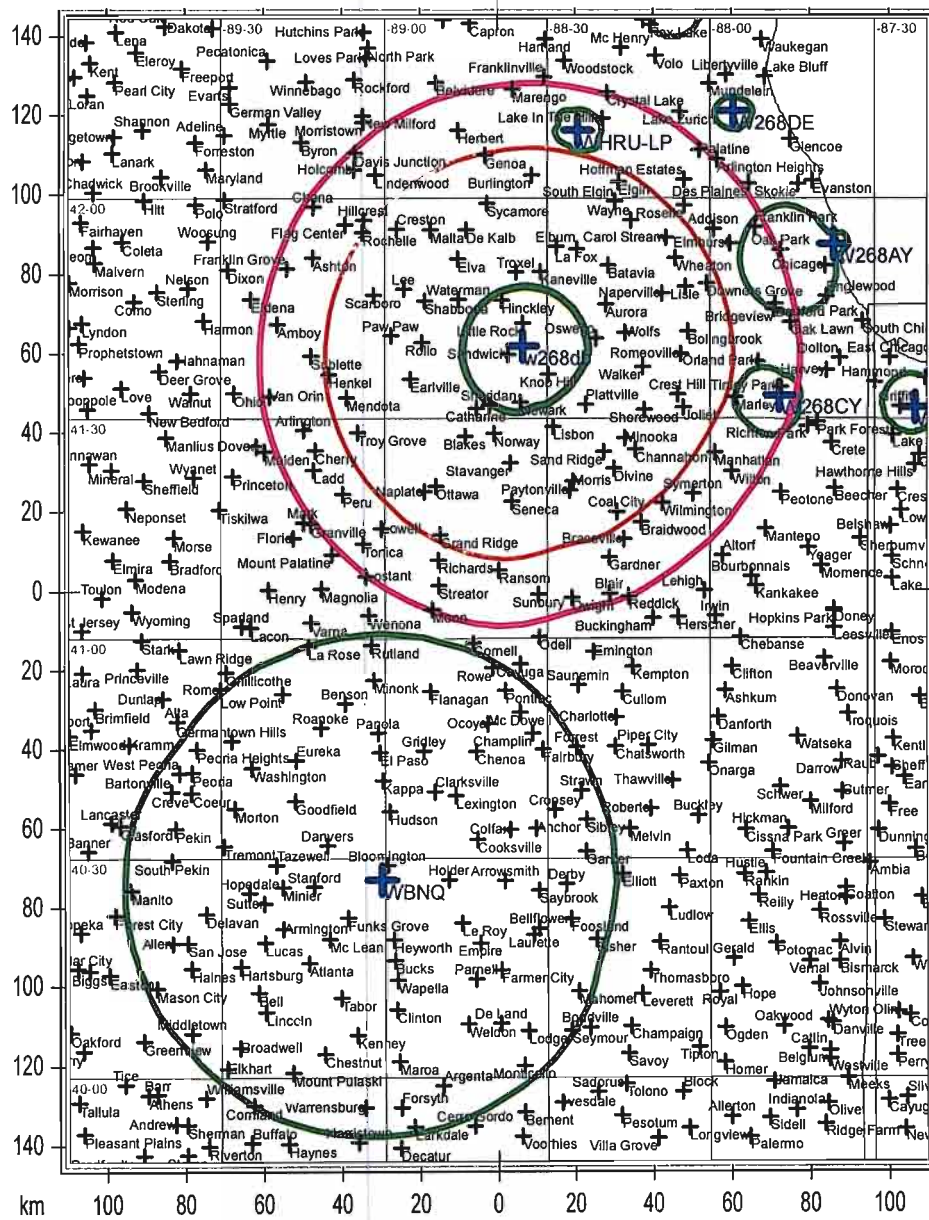
If a waiver of an FCC Rule is required, it is hereby requested. The FCC under Rural Radio has determined this change for WDYS is a preferential COL alignment of WDYS under 307(b) in the public interest is tied to the WDYS license.

Sincerely Larry Nelson CEO

Larry Nelson

630-247-9301

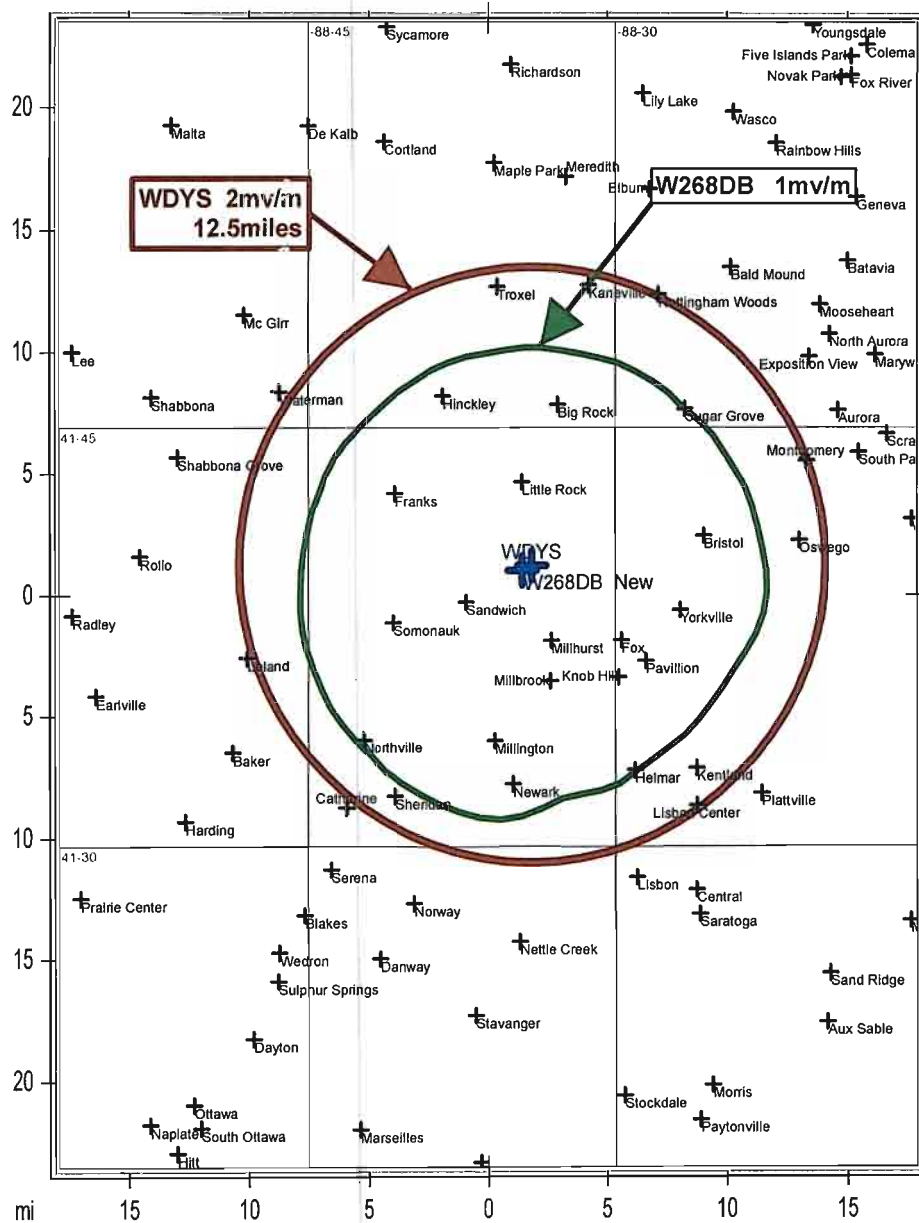
Minor Change W268DB and Co Channel Stations



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

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

Contour HAAT (m) : 140.4

[illegible]

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↑
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

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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

[illegible]

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↑
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

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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

[illegible]

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							

0	177	354	2.9	90	177	354	3.7	180	177	354	10.7	270
185	346	23.2										
5	177	354	2.9	95	177	354	3.6	185	177	354	13.2	275
186	345	22.5										
10	177	354	2.9	100	177	354	3.6	190	178	353	15.2	280
186	345	21.9										
15	177	354	2.9	105	177	354	3.4	195	179	352	16.7	285
186	345	21.0										
20	177	354	2.9	110	177	354	3.2	200	179	352	18.1	290
186	345	20.2										
25	177	354	3.1	115	177	354	3.1	205	180	351	19.2	295
186	345	19.1										
30	177	354	3.2	120	177	354	2.9	210	180	351	20.3	300
184	347	17.9										
35	177	354	3.4	125	177	354	2.9	215	180	351	21.2	305
182	349	16.6										
40	177	354	3.6	130	177	354	2.9	220	179	352	22.1	310
181	350	15.2										
45	177	354	3.6	135	177	354	2.9	225	178	353	22.8	315
183	348	13.1										
50	177	354	3.7	140	177	354	2.9	230	177	354	23.4	320
184	347	10.6										
55	177	354	3.7	145	177	354	2.9	235	178	353	23.8	325
184	347	8.1										
60	177	354	3.7	150	177	354	2.9	240	180	351	24.1	330
183	348	4.4										
65	177	354	3.7	155	177	354	2.9	245	180	351	24.2	335
182	349	3.7										
70	177	354	3.7	160	177	354	2.9	250	181	350	24.3	340
182	349	2.9										
75	177	354	3.7	165	177	354	3.7	255	181	350	24.2	345
178	353	2.9										
80	177	354	3.7	170	177	354	4.4	260	183	348	24.0	350
177	354	2.9										
85	177	354	3.7	175	177	354	8.2	265	184	347	23.6	355
177	354	2.9										

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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		Brg AT	HAAT	Dist		Brg AT	HAAT	Dist		Brg AT
HAAT	Dist											
-----	-----	-----		---	-----	-----	-----	---	-----	-----		---
0	197	104	6.0	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	10.4										
25	193	108	5.4	115	206	95	5.4	205	225	76	10.6	295
222	79	10.1										
30	192	109	5.5	120	211	90	5.5	210	224	77	10.8	300
220	81	9.9										
35	191	110	5.5	125	211	90	6.0	215	224	77	10.8	305
216	85	9.8										
40	191	110	5.5	130	214	87	6.3	220	224	77	10.8	310
214	87	9.6										
45	191	110	5.5	135	216	85	6.7	225	223	78	10.8	315
216	85	9.1										
50	191	110	5.5	140	217	84	7.1	230	221	80	11.0	320
215	86	8.8										
55	191	110	5.5	145	220	81	7.4	235	220	81	11.0	325
214	87	8.5										
60	193	108	5.4	150	223	78	7.6	240	216	85	11.3	330
214	87	8.0										
65	193	108	5.4	155	225	76	7.9	245	214	87	11.4	335
210	91	7.8										
70	194	107	5.4	160	228	73	8.1	250	213	88	11.5	340
208	93	7.5										
75	195	106	5.4	165	228	73	8.4	255	210	91	11.7	345
206	95	7.1										
80	197	104	5.3	170	228	73	8.8	260	210	91	11.7	350
203	98	6.7										
85	196	105	5.4	175	228	73	9.1	265	211	90	11.6	355
199	102	6.4										

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

Contour HAAT (m) : 17.8

[illegible]

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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.

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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

[illegible]

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

[illegible]

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										

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	Brg AT
	HAAT	Dist							

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	143	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 AT	HAAT	Dist		Brg AT	HAAT	Dist		Brg AT	HAAT	Dist		Brg AT
HAAT	Dist											
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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										
20	271	49	5.4	110	260	60	6.0	200	283	37	4.7	290
274	46	5.3										
25	270	50	5.5	115	259	61	6.0	205	288	32	4.4	295
270	50	5.5										
30	268	52	5.6	120	257	63	6.1	210	287	33	4.4	300
265	55	5.8										
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										
60	262	58	5.9	150	264	56	5.8	240	275	45	5.2	330
262	58	5.9										
65	261	59	5.9	155	264	56	5.8	245	273	47	5.3	335
266	54	5.7										
70	256	64	6.2	160	267	53	5.7	250	271	49	5.4	340
271	49	5.4										
75	253	67	6.3	165	272	48	5.4	255	269	51	5.6	345
274	46	5.3										
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**

General Information

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

Fees, Waivers, and Exemptions

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 United States	+1 (301) 933-6304	JOHNSNEELY@YAHOO.COM	Legal Representative

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.	

	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.	
Character Issues	<p>Applicant certifies that neither the applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(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</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	Yes
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
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.	
Local Public Notice	Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.	
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.	
Operational Compliance	<p>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).</p> <p>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.</p>	
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).	
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.	
Station Ready for Operation	Applicant certifies that station is now in satisfactory operating condition and ready for regular operation.	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	
	1. 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	

	<p>2. 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;</p> <p>the applicant is in compliance with the Commission's policies relating to media interests of immediate family members; and</p> <p>the applicant is in compliance with the Commission's policies relating to investor insulation and the non-participation of non-party investors and creditors.</p>	
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	<p>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).</p> <p>Applicant certifies 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.</p>	
Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b)	<p>Applicant certifies that the proposed station will provide a first rural (reception) service.</p> <p>Applicant certifies that:</p> <p>(a) it is a Tribal Applicant, as defined in 47 C.F.R. Section 73.7000;</p> <p>(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);</p> <p>(c) the proposed community of license is located on Tribal Lands, as defined in 47 C.F.R. Section 73.7000; and</p> <p>(d) the proposed facility would be the first local Tribal-owned noncommercial educational transmission service at the proposed community of license</p> <p>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.</p>	
Auction Authorization	<p>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.</p> <p>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 1.2107(d), 1.2110(l), 1.2112(a) and 1.2112(b), if applicable.</p>	

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/counter-proponent 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 or 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 Radlated Power	Horizontal:0 Vertical: 0.25
	Transmitter Power Output	0.062 kW
Proposed Allotment or Assignment - Coordinates (NAD83)	Latitude	
	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
Delivery Method	State	IL
	Delivery Method	Direct-off-air
Transmitting Antenna	If Other, Please specify:	
	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

Degree	Value
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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 complies 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.).	

	<p>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.</p>	
Authorized Party to Sign	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Larry Nelson CEO</p> <p>04/16/2021</p>

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<u>W268DB program test operations.docx</u>	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

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 69700

Call Sign: WDYS

Permit File Number: BP-20200508AAR

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 deg

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

Special operating conditions or restrictions:

- 1 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.

Special operating conditions or restrictions:

- 2 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.
- 3 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.
- 4 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.
- 5 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 (Assigned numerical ID: 1621395)
 Licensed date: 2014-03-14

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

41.665306
 -88.576194

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
Antenna radiation center Height Above Average Terrain:		142.	142.	meters HAAT - Calculate HAAT
Antenna radiation Center Height Above Mean Sea Level:		348.	348.	meters AMSL
Antenna radiation center Height Above Ground Level:		146.	146.	meters AGL

Non-Directional Antenna ID: d897ccf2786b486da0a7c1b6063ebeb7
 Antenna Make: JAM Antenna Model: JSLP-2D
 No. of antenna sections: 2

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

ASRN	Site Elevation (meters)	Overall Height Above Ground (meters)	Overall Height Above Mean Sea (meters)	NAD 83 Tower Coordinates			Convert to NAD 27	FAA Study No.
				Latitude	Longitude			
1010527	201.7	151.7	353.4	N 41° 39' 55.0"	W 88° 34' 34.0"		To NAD27	1988-AGL-111-OE

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