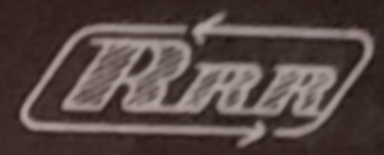
WGGL-FM

RRR



REMOVABLE LABEL

GUIDES AND FOLDERS

MADE IN U. S. A.

CATALOG NO. 4550L 1/5

Form BC 126
June 1954
Official No. 369

NON-COMMERCIAL EDUCATIONAL - FM

BROADCASTING STATION LICENSE RECORD

Date first licensed May 16, 1968

Call letters W C G L-FM

Station location Houghton, Michigan

Name of licensee Michigan Technological University

Redes: S.W. of Painesdale, Mich., 0.35 mi. from St. Rt. 26
x0.4 mi. N. of Ripley, Franklin Township, Mich. (CP 6-4-71)
x0.35 mile East of lower Pewabic, Hancock, Michigan(BMPED-9-8-69)

Transmitter location xxSperr Hall, Michigan Technological Univ., Houghton, Michigan(PED-12-4-67)
(LED 5-16-68)

Academic Office Bldg., MTU, Houghton, Mich. (CP 6-4-71)
x Old Administration Bldg., Michigan Technological University, Houghton, Mich(MPED/ 9-8-69

Main studio location xx Same as Transmitter (LED 5-16-68)

CONSTRUCTION PERMIT AND LICENSE RECORD

Appl. No.	Date Issued	Freq.	Power	Time Div.	Period From- To-
BPED-835 HAAT: ---	12-4-67	91.1mc. ch# 216	ERP: --- TPO: 10watts	Unl.	2-4-68 8-4-68
	CP for a new Class D noncommercial educational FM broadcast station.				
BPED-835 (1)	2-21-68	Mod. of CP(BPED-835) to assign call letters W G G L-FM.			
BLED-639	5-16-68	91.1mc	TPO:10w	Unl.	10-1-70
	Lic to cover BPED-835 for new educ. FM station.				
BPED-940 HAAT: 7'	1-3-69	91.1mc. ch#216	ERP: 250watts TPO: 230watts	Unl.	9-3-69
	CP install new trans(Collins-830B-1B); chg. TPO; operate with ERP& HAAT				
BSCA-951	9-8-69	Request for SCA			10-1-70
BMPED-639 HAAT: 600'	9-8-69	MP(BPED-940) to chg studio, trans&ant to new loc. ERP:450 w			12-8-69
BMPED-674 (1)	12-31-69	MP(BPED-940 as mod) ext time 2-16-70			
BLED-745(L)	3-6-70	Lic. for changes			10-1-70
BRED-369(S) BRSCA-951	9-30-70	RENEWAL & SCA			10-1-73
BPED-1,226 HAAT:600'	2-16-71	91.1mc Ch#216	ERP: 650watts TPO: 250watts. RC		4-16 2-16-72
	CP to increase presently licensed ERP, TPO and HAAT.				
BLED-876(L)	4-9-71	Lic.(BPED-1,226) for changes.			10-1-73
BPED-1164 HAAT: 480' (H&V)	6-4-71	91.1mc	TPO: 17.5kw ERP: 100kw (H&V)		6-4-72
	CP chg. site, SL, RC, Trans. & ant sys. TPO, ERP & HAAT.				
BMSCA-276	7-16-71	Make chgs. in Programming.			
BMPED-816 HAAT: 860'	9-16-71 (H-V).	Mod. BPED-1164 to change site. ERP: 100kw(H-V), TPO:17.5kw			
BLED-937 HAAT: 860'(H&V)	2-10-72 Lic.	91.1mc. (BPED-1164,as mod.)for changes.	ERP: 100kw(H&V)RC		10-1-73
EBSA	5-15-72				

Form BC 126
June 1954

BROADCASTING STATION LICENSE RECORD

Date first licensed .....

Call letters W G G L-FM

Station location .....

Name of licensee .....

Transmitter location .....

Main studio location .....

CONSTRUCTION PERMIT AND LICENSE RECORD

Appl. No.	Date Issued	Freq.	Power	Time Div.	Period From- To-
BRED-369(S) BRSCA-951	9-27-73 "	RENEWAL			10-1-76 "
COMTEL	4-26-74	Auth. Gr. conduct experimental on-air-Slow-Scan TV Transmission Commencing thru			8-20-74
BMSCA-372 Comtel	7-5-74 4-14-75	XXXXXXXXXXXXXXXXXXXX Mod. SCA to Add 41khz and retain 67khz. Auth. experimental slow scan TV transmission reinstated & ext. thru 7-11-75			
BMSCA-410	8-25-75	Mod of SCA to mke chgs. in equipment & and programming			
BRED-396{S} BRSCA-951	9-15-76 "	Renewal of license Renewal of SCA			10-1-79 "
BRED-790521UJ{S}	9-21-79	RENEWAL VF LICENSE			10-1-82

FORM BC-121
AUG. 1955

APPLICATION RECORD - BROADCASTING

Call Letters WGGL-FM
-New-Educ-FM-

Name MICHIGAN TECHNOLOGICAL UNIVERSITY
HOUGHTON, MICHIGAN (PO c/o Joseph B. Kirkish, 1206 College Avenue, Houghton, Michigan 49931)

File No.	Dated	Application for	Action Nature	Action Date
BPED-835 Received Resub. R & F AUG 11 1967	6-13-67 6-20-67 7-6-67 7-10-67	CP for a new noncommercial educational FM broadcast station to be operated on: Freq.: 91.1mcs, Ch.#216 Type trans.: Gates BFE-10C TPO: .01kw Type ant.: Gates FM-22, 2 sections Trans. loc.: Sperr Hall, M.T.U., U. S. #41, Houghton, Michigan Studio loc.: Same as Trans. loc.	~~RETURNED~~ ~~Wrong form~~ GRANTED	~~6-26-67~~ 12-4-67
BLED-639 Rec'd Filed Amended R & F Amended R & F PT APR 30 1968	2/6/68 2/8/68 3/22/68 3/13/68 3/18/68 3/20/68 3/22/68 3/27/68	License (BPED-835, for new station). re engr .data re type transmitter	GRANTED	5-16-68

F.C.C. - WASHINGTON, D. C.

#2

FORM BC-121
AUG. 1955

APPLICATION RECORD · BROADCASTING

Call Letters W G G L-FM

Name MICHIGAN TECHNOLOGICAL UNIVERSITY
HOUGHTON, MICHIGAN

File No.	Dated	Application for	Action Nature	Action Date
BPED-940 R & F NOV 22 1968	11-1-68 11-4-68	CP install new trans(Collins-830B-1B); chg. TPO 0.224kw; operate with ERP 0.250kw; and HAAT 12 feet.	GRANTED	1-3-69
BMPED-639 R & F NO FEE REQUIRED AUG 4 1969 NP filed 9-2-69.	7-18-69 7-24-69	MP(BPED-940) to chg. studio, Trans & Ant to a new loc.on Michigan Technological University, Houghton, Michigan & operate by remote control from Studio loc.; TPO: 232 watts; ERP 450 watts; HAAT 598' Ant(Marti-Corp-EA-4 sects);	GRANTED	9-8-69
BSCA-951 R & F NO FEE REQUIRED AUG 4 1969	7-18-69 7-24-69	Request for Subsidiary Communications Authorization on a sub-carrier frequency of 67 kcs.	GRANTED	9-8-69
BMPED-674 R & F NO FEE REQUIRED: PRESSE DEC 19 1969	12-2-69 12-4-69	MP(BPED-940 as mod)ext. time to 1-25-70 (FOR CHGS).	GRANTED to	12-31-69 2-16-70

PTA 1-14-70

#3

Form BC-121
September 1969

APPLICATION RECORD - BROADCASTING

Call Letters WGGL-FM

Name MICHIGAN TECHNOLOGICAL UNIVERSITY
Houghton, Michigan

File No.	Dated	Application for	Action Nature	Action Date
BLED-745	1-22-69	Lic.(BPED-940, as mod.)for changes.	GRANTED	3-6-70
R & F	1-27-69			
PTA	2-5-69			
AMENDED	12-22-69	Sect. II-B, Engineering.		
PT NOT AUTH.	12-31-69			
AMENDED	1-6-70	Engineering		
PTA	1-14-70			
BRED-369	6-11-70	RENEWAL OF LICENSE	GRANTED	9-30-70
R & F	6-18-70			
PN Recd.				
BRSCA-951	6-11-70	RENEWAL OF SCA	GRANTED	9-30-70
R & F	6-18-70			
PN Recd.				
PRESS				

MAR 2 1970

24 JUN 1970

F.C.C. - WASHINGTON, D. C.

#4

(ED)

Form BC-121
September 1969

APPLICATION RECORD - BROADCASTING

Call Letters W C G L-FM

Name Michigan Technological University
Houghton, Michigan

File No.	Dated	Application for	Action Nature	Action Date
BPED-1,164 R & F NO FEE REQUIRED: PRESS: OCT 2 8 1970 PN REC'd: 1-29-71 pn mailed: 10-26-70	10-16-70 10-21-70	CP to chg. trans. loc. to: 0.4 mi. N. of Ripley, Franklin Township, Michigan; install new trans(Collins-831G-1), new Ant(Collins-37CP-12, 12 sects); make chgs. in Ant. system (decr. hght); chg. TPO: ~~17.7kw~~; ERP: ~~100kw~~; & chg. HAAT: ~~811 feet~~. 47° 07' 56" - 88° 33' 12" Atty--- Engr-(SEE ON BACK OF CARD FOR AMENDMENT.	GRANTED	6-4-71
BMSCA-276 R & F NO FEE REQUIRED: PRESS: OCT 2 8 1970	10-15-70 10-21-70	Mod. of Subsidiary Communications Authorization to make changes in Programming.	GRANTED	7-16-71

RTA-12-29-71

F.C.C. - WASHINGTON, D. C.

AMENDED: 2-19-71 Ltr. with reference to fiancial Infor.

AMENDED: 5-14-71 chg. TPO: 15.79kw; ERP: 100kw(h&v);
PRESS: HAAT: 479ft. & chg. Tower. hght.
7 JUN 1971

#5

Form BC-121
September 1969

APPLICATION RECORD - BROADCASTING

91.1mc.

Call Letters WGGL-FM

Name Michigan Technological University
Houghton, Michigan

File No.	Dated	Application for	Action Nature	Action Date
BPED-1,226 R & F NO FEE REQUIRED: PRESS: FEB 10 1971	1-21-71 1-29-71	CP to increase presently licensed ERP: to 650Watts, TPO: 250 Watts and HAAT: to 570 feet. Atty---	GRANTED	2-16-71
BLED-876 R & F PTA PRESS APR 7 1971	3-8-71 3-11-71 3-19-71	Lic.(BPED-1,226) for changes. Studio loc. redes. as : College Avenue.	GRANTED	4-9-71
BMPED-816 R & F NO FEE REQUIRED PRESS: 31 AUG 1971	8-9-71 8-12-71	MP(BPED-1164) chg. trans. loc. to SW of Painesdale, Michigan; 0.35 mi. from State Rte. 26 and 1.35 mi. due W. of Champion Mine, Adams-Township, Michigan; chg. TPO: 17.32kw; HAAT: 856 ft. 47° 02' 08" - 88° 41' 43" Atty-- Engr- Ralph E. Dippell, Jr.	GRANTED	9-16-71

F.C.C. - WASHINGTON, D. C.

#6

Form BC-121
September 1969

APPLICATION RECORD - BROADCASTING

Call Letters WGGL-FM

Name MICHIGAN TECHNOLOGICAL UNIVERSITY
Houghton, Michigan

File No.	Dated	Application for	Action Nature	Action Date
BLED-937 R & F PTA PRESS	12-14-71 12-20-71 12-27-71 FEB 2 1972	Lic.(BPED-1164, as mod.) for changes.	GRANTED	2-10-72
BRED-369 BRSCA-951 R & F PN Recd. PRESS	6-26-73 " 7-2-73 " 6 AUG 1973	RENEWAL OF LICENSE RENEWAL OF SCA	GRANTED	9-27-73
BMSCA-372 R & F No Fee Required Press	5-1-74 5-6-74 JUN 11 1974	Mod. of Subsidiary Communications Authorization to change equipment, programming and add 41KHZ and retain 67KHZ.	GRANTED	7-5-74
BMSCA-410 R & F NO FEE REQUIRED PRESS	7-15-75 7-21-75 AUG 6 - 1975	Modification of Subsidiary Communications Authorization to make changes in equipment and programming.	GRANTED	8-25-75

F.C.C. - WASHINGTON, D. C.

#7

Form BC-121
September 1969

APPLICATION RECORD - BROADCASTING

Call Letters W C G L-FM

Name MICHIGAN TECHNOLOGICAL UNIVERSITY
Houghton, Michigan

File No.	Dated	Application for	Action Nature	Action Date
BRED-369	5-21-76	RENEWAL OF LICENSE	GRANTED	9-15-76
BRSCA-951	5-21-76	RENEWAL OF SCA		
R & F	5-26-76			
P.N.	5-26-76			
Press	JUN 24 1976			
BRED 790521 UN		RENEWAL OF LICENSE	GRANTED 9-21-79	
BRSCA "	AUG 20 1979	RENEWAL OF SCA		
BALED810406GU		Vol AL to Minnesota Public Radio, Inc.		
Form 314				
PRESS JUN 03 1981		Atty Wayne Coy		
PN filed 6-15-81				

About the History Cards …

History Cards were first used by the Department of Commerce to keep track of applications filed by, and changes to, the earliest AM broadcast stations in the early 1920s. The records were subsequently transferred to the Federal Radio Commission in 1927, and after that to the Federal Communications Commission when that agency was created in 1934. These cards gradually grew into a large card file.

FM History Cards were initiated in the early 1940s, with the authorization of the earliest FM stations in the FM band, then at 42 to 50 MHz. (The band was shifted to its present location, 88 to 108 MHz, in 1946.) History Cards remained in use until the creation of the first computerized database in 1980 to track broadcast applications, the Broadcast Application Processing System (BAPS). However, the Commission did not transfer the data from the History Cards to the new system. Instead, it retained the History Cards in their original form for reference.

In 1999, the Commission moved to a new location (445 12th Street SW), and also at that time created the successor database to BAPS, the Consolidated DataBase System (CDBS). Prior to that move, the History Cards were transferred to microfiche by a contractor (only a few sets of microfiche exist), and the original paper cards were destroyed. The History Cards were stored on the microfiche as negative images, like those you see above.

History Cards contain very brief entries and notes about station facilities, applications, and ownership. They are not, and never were intended to be, a comprehensive record of a station's operations. Nevertheless, they can be useful to help determine, for example, when a station first went on the air and its call letters at that time. History Card comments were generally typed onto the cards, and thus some records will show more faintly or with more smudging than others, depending on the quality of typewriter and ribbon then used. Occasional handwritten comments, corrections, and strikeouts may also be found. Cards may be incomplete, missing, or occasionally out of sequence.

The History Cards are presented here as they were copied to microfiche, to preserve this record for public use, and with the hope that they will be of value to future researchers of radio station history.