

KALW



REMOVABLE LABEL GUIDE

Cat. No. 4550L

Patent No. 1390199

## BROADCASTING STATION LICENSE RECORD

N.S. #4

Card #1

Date first licensed 9-18-41

Call letters K A L W  
LOCATION: SAN FRANCISCO, CALIFORNIAName of licensee ~~BOARD OF EDUCATION OF THE~~ SAN FRANCISCO UNIFIED SCHOOL DISTRICT (per renewal gr. 11-4-59)

redes: Christmas Tree Point, San Francisco, CA (LH 11-22-77)

x Twin Peaks, San Francisco, California (PED-10-4-73)

X 21st and Harrison Streets

X 22nd &amp; Bartlett St., San Francisco, California

x Palo Alto Avenue, San Francisco, California

Transmitter location X 22nd and Bartlett Sts., San Francisco, California (C.P. 8-14-40)

2905-21st Street, San Francisco, California (PED-10-4-73)

X 21st &amp; Harrison Streets, San Francisco (Ltr. 1-8-53)

Main studio location

x 22nd &amp; Bartlett Streets, San Francisco, Calif.

## CONSTRUCTION PERMIT AND LICENSE RECORD

APPL. No.	DATE ISSUED	FREQ.	POWER	TIME Div.	PERIOD		
					From—	To—	
B5-PED-14	8-14-40	42100	1000w Special emission	U	10-14	4-14-41	
C.P. for new Non-Commercial Educational Broadcast Station							
B5-MPED-3	2-27-41	same	same Special Emission	same	10-14	4-14-41	
Mod. of C.P. B5-PED-14 to install new transmitter							
B5-MPED-4	3-27-41	same	same	same	10-14	5-14-41	
Mod. of C.P. B5-PED-14, as modified for extension of completion date to 5-14-41.							
B5-MPED-5	5-14-41	same	same	same	10-14	8-14-41	
Mod. of C.P. (B5-PED-41, as modified) for extension of completion date to 8-14-41.							
B5-LED-6	9-18-41	42100	1000w Special	U	9-18	5-1-42	
Lic. to cover C.P. (B5-PED-14) for new non-commercial educational station at San Francisco, Calif.							
B5-RED-4	4-21-42	42100	1000w Special	U	5-1	5-1-43	
Renewal of license.							
B5-SED-4	4-20-43	Extension of license			5-1	6-1-43	
B5-RED-4	5-11-43	42100kcs	1000w Special emiss.	U	5-11	5-1-44	
Ren. of license.							
B5-RED-4	4-18-44	Same	Same Special emission	U	5-1	5-1-45	
Renewal of License.							
B5-SED-4	4-24-45	Extension of license			5-1-	7-1-45	
B5-SED-4	6-26-45	Extension of license			7-1	9-1-45	
B5-RED-4	8-28-45	Renewal of license			8-28	5-1-46	
Letter	4-4-46	Assigned frequency 91.3 mcs. (Ch. #217)					
B5-SED-4	4-26-46	Extension of license			5-1	7-1-46	
B5-SED-4	6-20-46	Extension of license			7-1	9-1-46	
B5-RED-4	8-29-46	Renewal of license			8-29	5-1-47	
B5-RED-64	9-10-46	Construction permit to change frequency, transmitter location and make changes in antenna system.				9-10	5-10-47
BRED-4	4-23-47	Renewal of license			5-1-48		

B.S.

BROADCASTING STATION LICENSE RECORD

FOR COMMERCIAL EDUCATIONAL

CARD# 3:

Date first licensed 9-18-41

Call letters KALW

Name of licensee BOARD OF EDUCATION OF THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT

22nd & Bartlett St. San Francisco, Calif.  
x Palo Alto Avenue, San Francisco, California

Transmitter location x 22ND AND Bartlett Sts., San Francisco, Calif. (CP 8-14-40)

21st & Harrison Streets, San Francisco  
Main studio location x 22nd & Bartlett Streets, San Francisco, California

# CONSTRUCTION PERMIT AND LICENSE RECORD

CARD #2 :

Appl. No.	Date Issued	Freq.	Power	Time Div.	Period From-- To--
Telegram	<del>12-20-46</del>	Temporary assignment effective 1-1-47, or as soon thereafter, as equipment may be modified, in no event later than 3-1-47.			
Telegram	1-14-47	Relet 1-9-47-Authority granted to operate without frequency monitor while monitor being calibrated for 44.5mcs.			
BMPED-56 CP issued	4-17-47	91.7mcs No. 219	1.5 kw ERP	U Terr. 970'	By 11-10-46 To 11-10-47
	Modified CP to change date of construction completion. GRANTED 4-17-47				
	6-26-47	91.7 (No. 219) Freq. assignment accord. Do 6768			
BMPED-91 Ext. of BRED-4	2-9-48  4-28-48	91.7 date	1.5 kw. Aver. Terr	970 ft. -----	By 11-10-46 To 5-10-48 5-1-48 to 9-1-50
Telegram	8-23-48	Retel 19. Auth. granted period ending Nov. 10, 1948 operate 91.7 Mcs. using RCA trans. FM-1B mod. and single section RCA pylon antenna at 22nd and Bartlett Sts., for purpose FM program service.			
BMPED-122	5-6-48	Ext. of completion date to 11-10-48			
BMPED-147	10-18-48	Ext. of completion date to 5-10-49			
BMPED-174	4-27-49	Ext. of completion date to 11-10-49.			
BMPED-192	2-1-50	Ext. of completion date to 5-10-50.			
BMPED-209	3-14-50	Mod. of CP (BMPED-64 as mod.) to chg. ERP and trans. site. 91.7 1.25 kw. U. Terr: 160 ft.			
BLED-73	7-6-50	License to cover BMPED-192 7-6 - 9-1-50			
BRED-4	8-31-50	Renewal of license to 9-1 -9-1-53.			
BRED-4	8-19-53	Renewal of license to 9-1-56			
BMPED-251	4-28-54	CP to change tr & studio location ERP & type Ant ERP 3.5 Terr 70' 6-28-54 12-28-54			

Form BC-126#3  
June 1954

NON COMMERCIAL EDUCATIONAL FM

# BROADCASTING STATION LICENSE RECORD

Date first licensed 10-6-54

Call letters KALW

Name of licensee ~~BOARD OF EDUCATION OF THE~~ SAN FRANCISCO UNIFIED SCHOOL DISTRICT

Transmitter location \_\_\_\_\_

Main studio location \_\_\_\_\_

# CONSTRUCTION PERMIT AND LICENSE RECORD

Appl. No.	Date Issued	Freq.	Power	Time Div.	Period From- To-
WIRE 9-24-54					Auth. to oper. facil accord. BPED-251 for Period 30 days. pending receipt & action license appl.
BLED-157	10-6-54				Lic. to cover CP (BLED-251) 3.3 kw, 91.7 mcs., 70 feet to 12-1-56
WIRE 10-1-54					Auth. conduct prog. test accord. BPED-251
BRED-4	11-14-56				Renewal of license to 12-1-59 (S)
BRED-4	11-4-59				Renewal of license to 12-1-62
	11-28-62				Commission deferred action on renewal pending further consideration.
BRED-4	1-31-63				Renewal of license 1-31 12-1-65
BRED-4	11-30-65				Renewal of License 12-1 12-1-68
BRED-4(S)	11-26-68				Renewal of license 12-1-71
ltr.	3-17-69				trans now Gates FM-1-H
EBSA	5-15-72				
BRED-4(S)	2-28-73				RENEWAL 12-1-74
BPED-1512	10-4-73				91.7mhz, ERP: 1.80kw(H&V) 10-4-74
HAAT: 940' (H&V)					#219 Class E (RC) CP chg. TL,SL., install new trans., ant. chg. TPO, ERP, HAAT.
BMPED-1166	10-10-74				MP(BPED-1512) ext. time to 4-4-75
(1)					
BRED-4(S)	11-18-74				Renewal of License 12-1-77
BRCED-144	2-24-75				Mod of Lic to operate by RC from SL
(1)					
BMPED-1227	2-24-75				MP(BPED-1512, as mod) operate by RC from SL
(2)					
BMPED-1236	4-25-75				MP(BPED-1512, as mod) ext to 10-4-75
(3)					
BMPED-1265	6-30-75				MP(BPED-1512, as mod) chg ant & TPO chg. ERP: 2.5kw(h&v) HAAT: 800' (h&v).
(4)					
BLED-1483	3-9-76				Lic.(BPED-1512, as mod.)-Changes-12-1-77
(L)					ERP: 2.5kw(H&V)-HAAT: 800' (H&V) RC
BPED-2389	12-30-76				91.7 mhz ERP 2.9 kw (H&V) 2-28-77
HAAT: 920 ft.(HV)					12-30-77
					CP to make chgs. in antenna sys.

Form BC 126  
June 1954

#4

NON-COMMERCIAL EDUC FM

# BROADCASTING STATION LICENSE RECORD

Date first licensed .....

Call letters KALW

Station location .....

Name of licensee SEE CARD #1

Transmitter location .....

Main studio location .....



# CONSTRUCTION PERMIT AND LICENSE RECORD

Appl. No.	Date Issued	Freq.	Power	Time Div.	Period From- To-
BRED-4(S)	11-16-77	RENEWAL	of LICENSE		12-1-80
-----					
BLED-1644(L)	11-22-77	Lic(BPED-2389)	chgs		12-1-80
91.7MHz ERP: 1.9kw		(H&V) HAAT: 920'	(H&V)	(RC)	

## APPLICATION RECORD—BROADCASTING

K A L W

Call letters XNEWName BOARD OF EDUCATION OF THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT ~~P.O. Civic Auditor~~22nd & Bartlett Streets, San Francisco 10, Calif.~~1000 Bldg. San Francisco~~  
~~ACTIONSCO, Calif.~~

FILE No.	DATED	APPLICATION FOR—	ACTIONS	
			NATURE	DATE
B5-PED-14	5-24-40	Construction permit for new non-commercial educational broadcast station. Frequency: 42100 kc. Power: 1000 watts. Emission: Special for frequency modulation Location: 22nd and Bartlett Streets, San Francisco, California.	Granted	8-14-40
B5-MPED-3 Rec'd	1-20-41 1-24-41	Modification of C.P. (B5-PED-14) to make change in equipment. Change transmitter from G.E. 4GF1A1 and 4AF1A1 to RCA FM-1-B. All other terms of construction permit to remain unchanged.	GRANTED	2-27-41
B5-MPED-4 Rec'd	2-24-41 3-3-41	Mod. of C.P. (B5-PED-14 as modified) to extend completion date from 4-14-41 to 5-14-41. All other terms remain unchanged.	GRANTED	3-27-41

Form 94

## APPLICATION RECORD - BROADCASTING

Call

Letters K A L WName BOARD OF EDUCATION OF THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT

File No.	Dated	Application for	Nature	Action
				Date
B5-LED-6 Rec'd	3-12-41 3-21-41	License to cover construction permit (B5-PED-14, as modified) for new non-commercial educational broadcast station.	GRANTED	9-18-41
B5-MPED-5 Rec'd	4-2-41 4-5-41	Mod. of C.P. (B5-PED-14, as modified) to extend completion date from 5-14-41 to 8-14-41. All other terms remain unchanged.	GRANTED	5-14-41
B5-RED-4	2-17-42	Renewal of license	GRANTED	4-21-42
B5-RED-4 Rec'd	3-30-43 4-10-43	Renewal of license	GRANTED	5-11-43
B5-RED-4 Rec'd	3-22-44 3-29-44	Renewal of license.	GRANTED	4-18-44

## APPLICATION RECORD—BROADCASTING

Call letters KALWName BOARD OF EDUCATION OF THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT

FILE No.	DATED	APPLICATION FOR—	ACTION	
			NATURE	DATE
B5-RED-4 Rec'd. Filed	3-29-45 4-16-45 4-16-45	Renewal of license	GRANTED	8-28-45
B5-PED-64 Rec'd Filed See amendment below	2-14-46 2-19-46 2-19-46	Construction Permit to change frequency from <del>42.1 mcs. to 91.9 mcs.</del> , transmitter location from 22nd & Bartlett Streets, San Francisco, California to Palo Alto Avenue, San Francisco, California and make changes in antenna system.		
B5-RED-4 Rec'd Filed	2-19-46 4-22-46 4-22-46	Renewal of license	GRANTED	8-29-46
Amended Rec'd Filed	4-24-46 5-3-46 5-3-46	Amended to change frequency from 91.9 mcs. to Ch. #219, 91.7 mcs., and to make changes in antenna system	GRANTED	9-10-46

## APPLICATION RECORD - BROADCASTING

CARD #2

Call

Letters

K A L WName BOARD OF EDUCATION OF THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT

File No.	Dated	Application for	Action	
			Nature	Date
BMPED-56 Rec'd Filed	4-2-47 4-11-47 4-11-47	Mod. of C. P. (B5-PED-64) for extension of completion date from 5-10-47 to 11-10-47.	GRANTED	4-17-47
BRED-4 Rec'd Filed	4-2-47 4-11-47 4-11-47	Renewal of license	GRANTED	4-23-47
BMPED-91 Rec'd Filed	10-22-47 10-28-47 10-28-47	Mod. of C. P. (B5-PED-64 as modified) which authorized changes in noncommercial educational broadcast station for extension of completion date from 11-10-47 to 11-10-48.	GRANTED Compl. date	2-9-48 5-10-48
BRED-4 Rec'd Filed	3-25-48 4-5-48 4-5-48	Renewal of License	GRANTED	4-28-48
BMPED-122 Rec'd Filed	3-26-48 4-27-48 4-27-48	Mod. of C. P. (B5-PED-64 as modified) which authorized <sup>changes</sup> <del>a new</del> noncommercial educational FM broadcast station for extension of completion date from 5-10-48 to 11-10-48.	GRANTED	5-6-48

FCC Form 94  
CARD #5

APPLICATION RECORD - BROADCASTING

Call Letters KALW

Name BOARD OF EDUCATION OF THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT

File No.	Dated	Application for	Action	
			Nature	Date
BMPED-147 Recd. Filed	10-4-48 10-8-48 10-8-48	Mod. of C. P. (B5-Ped-64 as modified) which authorized <sup>changes</sup> a new non-commercial educational FM broadcast station for extension of completion date from 11-10-48 to 5-10-49.	GRANTED	10-18-48
BMPED-174 Recd. Filed	4-13-49 4-18-49 4-18-49	Mod. of C. P. (B5-PED-64 as modified) which authorized <sup>changes in</sup> a new non-commercial educational FM broadcast station for extension of completion date from 5-10-49 to 11-10-49.	GRANTED	4-27-49
BMPED -192 Recd. Filed	11-7-49 11-9-49 11-9-49	Mod. of C. P. (BPED-64 as modified) which authorized changes in non-commercial educational FM broadcast station for extension of completion date from 11-10-49 to 5-10-50.	GRANTED	2-1-50 to 5-10-50
BMPED-209 Recd & Filed	2-15-50 2-20-50	Mod. of C.P. (BPED-64 as mod. which authorized changes in non-comm. educa. FM b/c sta.) to change ERP from 1.5 kw. to 1.275 kw.; transmitter site from Palo Alto Ave., San Francisco to 22nd & Bartlett, San Francisco; and make changes in antenna system.	GRANTED	3-14-50

## APPLICATION RECORD - BROADCASTING

Call  
Letters KALWName SAN FRANCISCO UNIFIED SCHOOL DISTRICT

File No.	Dated	Application for	Action	
			Nature	Date
BLED-73 Rec'd & Filed	5-15-50 5-22-50	License to cover C.P. (HPED-64 as mod.) which authorized changes in Non-Comm. Educa. FM b/c station.	GRANTED	7-3-50
BRED-4 Rec'd Filed	8-18-50 8-21-50 8-21-50	Renewal of license	GRANTED	8-31-50
BRED-4 Rec'd. & Filed	5-29-53 6- 2-53 6- 2-53	Renewal of license.	GRANTED	8-19-53
BPED -251 Rec'd. & Filed	4-7-54 4-12-54	C. P. to make changes in licensed station - to change ERP to 3.495 kw; antenna ht. above average terr: to 97.8 ft., T-L & S-L: to 21st & Harrison Sts, San Francisco, Calif. & change antenna system.	GRANTED	4-28-54 Terr 70 ft

FORM A-170

## APPLICATION RECORD - BROADCASTING

FORMERLY FCC FORM 94

Call  
Letters KALWName SAN FRANCISCO UNIFIED SCHOOL DISTRICT  
SAN FRANCISCO, CALIFORNIA

File No.	Dated	Application for	Action	
			Nature	Date
BLED-157 Recd. & Filed	9-27-54 9-29-54	License to cover C.P. (BPED-251 which authorized changes in <sup>licensed</sup> Non-Comm. Ed. FM B/c station).	GRANTED	10-6-54
BRED-4 Recd & filed	9-5-56 9-7-56	Renewal of license	GRANTED	11-14-56
BRED-4 Rec'd Filed	6-16-59 6-22-59 6-22-59	Renewal of license	GRANTED	11-4-59
BRED-4 Rec'd & Filed	10-29-62 10-31-62 10-31-62	RENEWAL OF LICENSE	GRANTED	1-31-63
BRED-4 R & F	10-18-65 10-22-65	Renewal of license	GRANTED	11-30-65
BRED-4 R. & F.	5-14-68 5-17-68	RENEWAL OF LICENSE	GRANTED	11-26-68

SEP 16 1968



RE BRED-4 Form ltr. sent 9-13-68 re nec. to file Owner-  
ship report 323E

Form BC-121  
September 1969

#8

## APPLICATION RECORD - BROADCASTING

Call  
Letters ..... K A L WName SAN FRANCISCO UNIFIED SCHOOL DISTRICT  
San Francisco, California

File No.	Dated	Application for	Action	
			Nature	Date
		PETITION TO DENY RENEWAL OF LICENSE filed 3-4-71 by Poor Peoples's Radio, Inc. (filed by Meyer Gottesman, Treasurer and Chief Engineer of KFPR) Letter 3-25-71 to Petitioner requesting additional data, etc.	(No response)	
BRED-4 R & F PN Press SEP 14 1971	8-16-71 8-30-71 8-30-71	Renewal of License	GRANTED	2-28-73
BPED-1,512 R & F NO FEE REQUIRED PRESS: OCT 20 1972	9-12-72 9-15-72	-----location to Twin Peaks, San Fran, Calif CP chg. trans/ & studio loc. to: 2905-21st St., San Francisco, Calif.; operate by RC from the proposed trans.-studio site; install new trans(RCA-BTF-3E1); new Ant. (RCA-BFC-2B, 2 sects); make chgs. in Ant. System; chg. TPO; ERP: 1.80kw(h&v); HAAT: 930 ft. REQUEST WAIVER OF SECTION 1.573 COMMISSION RULES. 37° 45' 17" - 122° 26' 44" Atty--- Engr---	10-15-72, Request for Waiver granted and application ACCEPTED. GRANTED	10-4-73

APPLICATION RECORD - BROADCASTING

NON-Comm. ED.

91.7 mc

Call  
Letters K A L W

Name SAN FRANCISCO UNIFIED SCHOOL DISTRICT  
SAN FRANCISCO, CALIFORNIA

File No.	Dated	Application for	Action	
			Nature	Date
BRED-4 R & F PN Recd. PRESS	6-21-74 6-27-74 " <b>JUL 29 1974</b>	RENEWAL OF LICENSE	GRANTED	11-18-74
BMPED-1,166 R & F No Fee Required Press	9-5-74 9-10-74 <b>SEP 27 1974</b>	MP (BPED-1,512) ext. time to _____ (For Changes)	GRANTED  TO	10-10-74  4-4-75
BMPED-1227 R & F NO FEE REQUIRED PRESS	2-4-75 2-10-75 <b>FEB 24 1975</b>	MP (BPED-1512, as mod.) to operate by remote control from: 2905 21st Street, San Francisco, California.	GRANTED	2-24-75
BRCED-144 R & F NO FEE REQUIRED PRESS	2-4-75 2-10-75 <b>FEB 24 1975</b>	Modification of license to operate by remote control from: 2905 21st Street, San Francisco, California.	GRANTED	2-24-75

#10

## APPLICATION RECORD - BROADCASTING

Form BC-121  
September 1969Call  
Letters K A L WName San Francisco Unified School District  
San Francisco, California

File No.	Dated	Application for	Action	
			Nature	Date
BMPED-1236 R & F NO FEE REQUIRED PRESS	3-21-75 3-21-75 APR 4 - 1975	MP(BPED-1512, as mod.) for ext. of time to 10-4-75. (Changes)	GRANTED TO	<del>4-25-75</del> 10-4-75
BMPED-1265 R & F NO FEE REQUIRED PRESS	4-11-75 4-14-75 JUN 20 1975	MP(BPED-1512, as mod.) to change trans. (AEL FM 3KB); change ant. (JAMPRO JSCP-2, 2 sections); make changes in ant. sys. (incr. hght.); change TPO; chg. ERP: 2.5kw(h&v); chg. HAAT: 800' (h&v).	GRANTED	6-30-75
BMPED- Rec'd:	10-1-75 10-1-75	MP(BPED-1512 as mod.) ext. time to 12-4-75	CONSIDERED MOOT PROGRAM TEST AUTHORIZED	11-28-75
BLKD-1483 R & F PTA PRESS Amended	11-20-75 11-24-75 12-3-75 DEC 22 1975 1-9-76	Lic.(BPED-1227, as mod.) - Changes. Transmitter <sup>1512</sup> AEL, FM 3/5 KB. TL redes: Christmas Tree Point, S.F., Calif. cor. trans: AML, FM3KB & CP BPED-1512, as mod.	GRANTED	3-9-76

Name San Francisco Unified School District  
San Francisco, California

File No.	Dated	Application for	Action	
			Nature	Date
BPED-2389 R & F NO FEE REQUIRED PRESS DEC 23 1976	11-15-76 11-17-76	CP make changes in antenna system: incr hght; chg TPO; ERP {0.22kw} & HAAT {915 feet}  Atty-- Engr. Mammet & Edison, Inc.	GRANTED	12-30-76
BLED-1644 R & F PRESS PTA MAY 27 1977	3-30-77 4-1-77 4-12-77	Lic. (BPED-2389) for changes. TL redes. as: Christmas Tree Point, San Francisco, Calif.	GRANTED	11-22-77
BRED-4 R & F PN Recd. PRESS AUG 11 1977	7-1-77 7-7-77 "	RENEWAL OF LICENSE	GRANTED	11-16-77

Name: SAN FRANCISCO UNIFIED SCHOOL DISTRICT

Station Location: SAN FRANCISCO, CALIFORNIA

File No.	Date	Description	Action and Date
BRED 800707 UA PRESS	AUG 11 1980	RENEWAL OF LICENSE AMENDED 10-20-80 re: ascert. of comm. needs & problems	Grtd. 11-24-80

## 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 12<sup>th</sup> 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.

