RADIO STATION KDKA

Westinghouse Electric & Manufacturing Company East Pittsburgh, Pa.

Thank you so much for your commendation of our concert. Hearing from you and many others is our greatest incentive to arrange concerts and other features that will bring enjoyment into your home. We shall welcome any suggestions you may have.

Advance programs are published by the Pittsburgh Post, Pittsburgh, Pa., as a supplement to the Wednesday edition. The subscription price is \$1.00 per year.

WESTINGHOUSE RADIO STATION KDKA
"The Pioneer Radio Broadcasting Station of the World"



Broadcasting Schedule Station KDKA Eastern Standard Time 326 Meters

Daily

9:45 A.M.-Market Reports

11:55 A.M.—Time Signals

12:00 M. —Weather Forecast and Market Reports

12:10 P.M.—Noon Concert

6:15 P.M.—Dinner Concert
7:30 P.M.—Children's period, market reports,
addresses, etc.

8:30 P.M.—Concert

9:55 P.M.—Time Signals and Weather Forecast

Tuesday and Thursday

11:30 P.M.—Special Concerts

Sunday M and 7:45 P.M — Church

11:00 A.M., 4:45 P.M. and 7:45 P.M.—Church Services 2:45 P.M., 4:00 P.M. and 6:30 P.M.—Concerts Mr. David F. Thomas,
Twenty-Sixth St. Ferry Co
Proctorville, Ohio,

RADIO STATION KDKA

Westinghouse Electric & Manufacturing Company East Pittsburgh, Pa.

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Sunday

11:00 A.M., 4:45 P.M. and 7:45 P.M.-Church services

2:45 P.M., 4:00 P.M. and 6:30 P.M.-Concerts

David F. Thomas, Proctorville, Ohio.



Westinghouse Electric & Manufacturing Company



BELL TELEPHONE ATLANTIC 4854 1202 KEENAN BUILDING LIBERTY AVENUE & SEVENTH STREET PITTSBURGH, PENNSYLVANIA

Dear Sir:

We are very glad to have your letter commenting on our German program of Christmas night. We do not wish any of our listeners to think that this program was broadcast direct from Germany. On the contrary, the program was made up of records similar to phonograph records, these having been made in Germany and brought to us by Mr. Stanley McClatchie of Stuttgart.

The records were reproduced at our station on Christmas night, so that the program you were listening to was actually coming to you from Station KDKA. The German announcer and the German voices which you heard were a part of the records which were being used. Some of this recording was done on a piano wire, and some records were made on wax.

We have had a great many letters commenting on this program and we are glad to know that it was so favorably received throughout the country.

We trust you will continue to enjoy our programs, and that you will write us again when you have heard something which has been of particular interest to you.

Very truly yours,

Program Director, Station KDKA

G. Dare Fleck: IT

3. After Five Days Return To
WESTINGHOUSE RADIO STATION KDKA
1202 Keenan Building
Liberty Avenue and Seventh Street
Pittsburgh, Pennsylvania

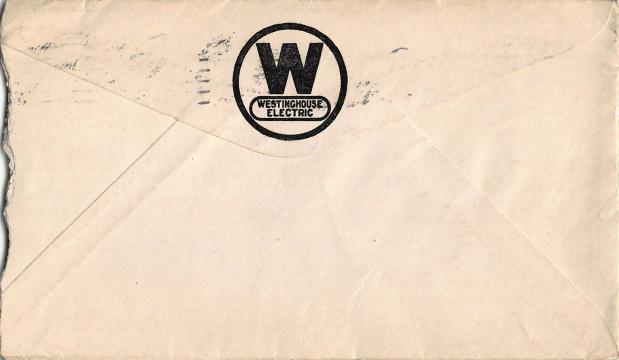




576 Form 997

Mr. David F. Thomas, Proctorville, O.

Twenty-Sixth St. Ferry Go.



RADIO ACKNOWLEDGMENT CARD

			Date_	Nov.	28-	192 4
Station -	KQ	V- begs to	acknowledge	your	ard	
Reporting	on Progra	m and Trans	smission of M	ay 9- 1	924	
	Our Artists	and the Person	nel of the Studio ; ear again from yo	greatly appre	ciate this	
205.2	Eveni	ng Programs—(e Monday—V	cept Sun.)10.30 xcept Sun.) 8.00 Vednesday and I t. and Sun Eve.	riday.	P.M. M.	
270 Meter	rs			East	ern Stand	lard Time
		JBLEDAY-	HILL ELEC			
/	Mis	i) Fra	719-21 Liber	The second second	+	burgh Pa. Director
STUDIO PHO	ONE	To the second		12	1	



RADIO STATION W. B. A. K. Pennsylvania State Police, Harrisburg, Penna.

Acknowledging receipt of your report of reception, you are advised that station is operating on 400 meter wave length

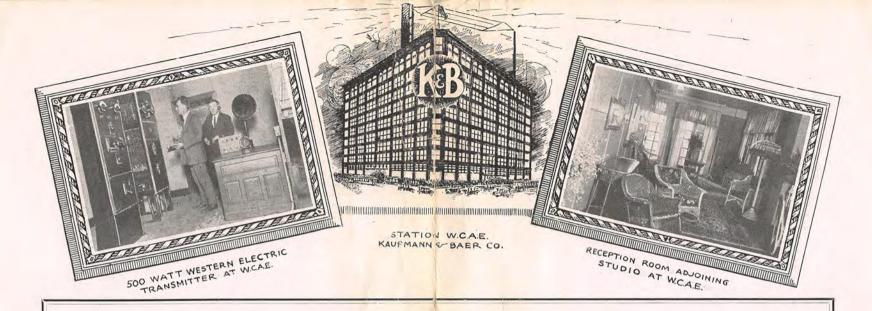
10:30 A.M.

Daily except Sunday
1:30 P.M. 5:45 P.M. 12 Midnight.
Eastern Standard Time

Yours truly
C. M. Wilhelm,
Director Wireless Communications
Pennsylvania State Police.

THIS SIDE OF CARD IS FOR ADDRESS

Mr. David Thomas, Proctorville, Ohio



Dear Radio Enthusiast:--

We thank you for writing us regarding the pleasure you receive from the "WCAE" Broadcasting Programs. We have received thousands of letters from every state in the country and abroad, all to the effect that people are receiving the program clearly. The high standard we have set will be steadily maintained. "WCAE" program is published daily and Sunday in the "Pittsburgh Press".

12:30 P. M.—Weather Forecast Latest News Bulletins Reading of Program for the Day

- * 3:30 P. M.--Latest News Bulletins
- * 4:30 P. M.—The Sunshine Girl Closing Stock Market Reports

6:30 P. M.—Dinner Concert

7:30 P. M.—Uncle Kay Bee for the Kiddies

8:00 P. M.—Special Features

8:30 P. M.—Musical Program

11:00 P. M.—Special Late Program (Mondays and Tuesdays)

SUNDAY

10:45 A. M.—Rodef Shalom Temple Services

3:00 P. M.—People's Radio Church Services 6:30 P. M.—Dinner Concert

*These two periods eliminated Saturdays. Results of Sporting Events or Musical Program. See daily PRESS for exact time.

SIXTH AVENUE

at Smithfield Street



Pittsburgh's Foremost Radio Store Fourth Floor AUFMANN & BAER (
PHITSBURGH'S GREATEST STORE
SIXTH AVE. at Smithfield St.
Pittsburgh, Pa.

MAILING CARD





Proof of Reception



SOUND-PROOF STUDIO SHOWING MICROPHONE - AT STATION W.C.A.E

WCAE

462 Meter Wave Length

Class B Station

Detailed Program of W C A E Appears in the Pittsburgh Press, Daily and Sunday

SIXTH AVENUE AT SMITHFIELD STREET



1936 MARKET STREET

WCAU gratefully acknowledges your recent communication favorably commenting on the broadcasting service. WCAU trusts that it may have your continued cooperation.

Durham and Company is gladly at the service of the public in broadcasting and engineering matters.



142.



Mr. David F. Thomas

Proctorville, Ohio

Universal Broadcasting Co.

Station W.C.A.U

(278 Meters)

HOTEL PENNSYLVANIA
39th AND CHESTNUT STREETS
PHILADELPHIA, PA.

WCAU gratefully acknowledges your recent communication favorably commenting on the broadcasting service. WCAU trusts that it may have your continued co-operation.

Universal Broadcasting Company is gladly at the service of the public in broadcasting matters and is always open to suggestions and novel ideas for programs from the radio audience.

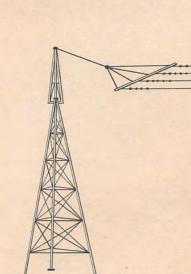
291





THIS SIDE OF CARD IS FOR ADDRESS

David F. Thomas Proctoville Ohio





LIT BROTHERS

RADIO BROADCASTING STATION WIDAR

MARKET EIGHTH FILBERT SEVENTH STS.
PHILADELPHIA

December 15, 1925.

D.F. Thomas Proctorville, Ohio.

Dear Sir;-

We wish to thank you for your kind comments on our Radio Programs, and we are pleased to know you enjoyed us.

We are enclosing our Broadcasting Schedule showing the days and time for our broadcasting, also a description of our Station.

Trusting that you will have the pleasure of listening to many of our future Radio Programs, which we hope will prove interesting and enjoyable, we are

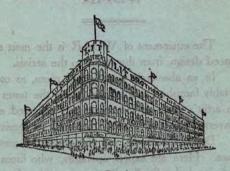
Very truly yours,

ATH: MC.

LIT BROTHERS

RADIO STATION - W D A R

WDAR BROADCASTING SCHEDULE



Daily
12.00 M. to 1 P. M.
2.00 P. M. to 3 P. M.
4.30 P. M. to 6 P. M.
7.30 P. M. to 8 P. M.

Evenings
STARTING AT 8 P. M.
MONDAY
WEDNESDAY
FRIDAY

LIT BROTHERS
PHILADELPHIA, U. S. A.

Filbert Seventh

Market Eighth

Radio Broadcasting Station WDAR

The equipment of WDAR is the most advanced design, from the studio to the aerials.

In an absolutely sound-proof room, as comfortably furnished as a private home, the tones of the artist's voice or instrument are collected and converted into the "waves" that your set receives.

Beside the Studio, out of sight, is the control room. Here are expert operators, who listen in and signal the Studio director, in order that he may keep the broadcasting always at its best. Our aerial masts rise 225 feet above the street level.

We have received many letters indicating that our broadcasts are heard all over the United States, clearly in Los Angeles, Panama and Great Britain.

We are pleased to have radio enthusiasts visit our studio and watch the artists who are entertaining—any time during store hours, and there is ample "window" space for complete observation.

LIT BROTHERS

Market Eighth

PHILADELPHIA

Filbert Seventh

FIFTH FLOOR, EIGHTH STREET SIDE

174 RETURN IN ID DAYS

MARKET AND EIGHTH STREETS

PHILADELPHIA.PA.
RADIO STATION
WDAR





ID.F. Thomas Proctorville, Ohio.



SCHEDULE

Sundays—A. M. 10:30- 2:30 P. M. 5:30-10:30 Week Days—A. M. 8:00- 1:00 P. M. 3:30-10:30

P. M. 3:30-10:30
1420 KC—100 Watts
Mr. Thomas
WEDH, the Erie Dispatch Herald Broadcasting Corporation thanks you for your reception report of our Program of FEB 2 1 1932
appreciates your cooperation and is pleased to verify your report.
Remarks:
grant but the first
NECE per Joan. King
WEDH LAWRENCE HOTEL ERIE, PENNA. Will you mail this Card if you hear us again?
Gentlemen:
This is myreception report on WEDH.
Reception Proof
Date Time Weather Conditions
Signal StrengthSignal Quality
Interference from (1) Static(2) Other Stations
(3) Heterodyne
Comparison with (1) Former Reception
(2) Other Stations on at same time
Remarks:—
Suggestions for program improvement



Mr. David J. Thomas 26 th St. Ferry Co., Broctarville, Ohio Crystal Studio Gable Areade Altoona Tribune Studio Penn-Alto Hotel Altoona Junior High School Colonial Hotel Strand Theatre Victoria Theatre First Methodist Church Y. M. I. Home

.....

(Please check studio from which this concert, entertainment or lecture is to be given.)

Robert B. Gable, Chairman Advisory Board. Theodore Arter, Jr., Vice Chairman. Walter S. Greevy, Director and General Manager. Thomas Langan, Technical Director. William K. Aughenbaugh, Chief Operator.

> Mr. David F. Thomas, Proctorville, Ohio.

Dear sir: -

W-F-B-G

GABLE-TRIBUNE RADIO STATION

Altoona, Pennsylvania

Owned and operated by

The WILLIAM F. GABLE COMPANY and
The TIMES TRIBUNE COMPANY

October 29th, 1924.

The main studio is located on the second floor of The William F. Gable Company's Store and Arcade, on Eleventh and Twelfth Avenues, Altoona, Pennsylvania. After six o'clock in the evening, artists and guests must use the entrance through the Arcade, to the studio on the second floor, from Twelfth Avenue entrance. Admission by ticket and invitation only, during the evening.

HOURS FOR BROADCAST

11.45 A. M. to 1.15 P. M. 4.00 P. M. to 5.00 P. M. 6.00 P. M. to 7.30 P. M. 7.45 P. M. to 8.15 P. M. 8.30 P. M. to 11.00 P. M.

Special Midnight Entertainments, 11.00 P. M. to 1.00 A. M.

SUNDAY BROADCAST 10.45 A. M. to 12.00 Noon. 4.00 P. M. to 5.00 P. M. 7.30 P. M. to 9.00 P. M.

In acknowledging your postal card of the twenty seventh we wish to thank you on behalf of our station for your interest in writing and reporting reception of our afternoon concert of the twenty sixth.

In view of the fact that it is usually very difficult to obtain reception in daylight at such a great distance and in consideration of our transmitter which is of the 100 Watt type, we feel much gratification with the result and at the same time take this opportunity of congratulating you upon your receiving set which is surely giving you excellent service.

Our wave length is 261 meters and we will be glad to hear from you again in the future.

CHIEF ANNOUNCER,
GABLE-TRIBUNE RADIO STATION.

GABLE-TRIBUNE RADIO STATION

W-F-B-G

OWNED AND OPERATED BY THE
WILLIAM F. GABLE COMPANY
AND

THE TIMES TRIBUNE COMPANY
ALTOONA, PENNSYLVANIA

118

118.





Mr. David F. Thomas,

Proctorville, Ohio.

Crystal Studio Gable Arcade Altoona Tribune Studio Penn-Alto Hotel Altoona Junior High School Colonial Hotel Strand Theatre Victoria Theatre First Methodist Church Y. M. I. Home

...........

(Please check studio from which this concert, entertainment or lecture is to be given.)

Robert B. Gable, Chairman Advisory

Walter S. Greevy, Director and General Manager.

Thomas Langan, Technical Director.

Theodore Arter, Jr., Vice Chairman.

Board.

W-F-B-G

GABLE-TRIBUNE RADIO STATION

Altoona, Pennsylvania

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The TIMES TRIBUNE COMPANY

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SUNDAY BROADCAST 10.45 A. M. to 12.00 Noon. 4.00 P. M. to 5.00 P. M. 7.30 P. M. to 9.00 P. M.

William K. Aughenbaugh, Chief Operator. Dear Radio Friend:

Acknowledging your report of our concert of recent date, I wish to thank you very sincerely for your interest and courtesy in commenting so favorably upon our broadcasting. In confirming your reception, I wish to congratulate you upon the fine receiver which brought our wave to you in such fine fashion.

W.F.B.G. the Gable-Tribune Radio Station transmits on a wave length of 277 8.10 meters, using a Western Electric machine of 100 Watts.

In addition to the broadcast schedule printed in the upper corner of this letter, we have special concerts, which begin at 11:15 o'clock each Tuesday and Friday night. The late Tuesday program is made up of old time barn dance music, which has been so well received by thousands of radio listeners and the Friday night concert is known as the Happy Hour, which is furnished by the "Happy Hour Gang" of the Crystal Studio.

Altoona, the home of W.F.B.G., is situated in the Allegheny mountains of Pa., near the famous Horse Shoe Curve, on the Pennsylvania Railroad. The world's largest railroad shops as well as one of the fastest motor speedways in the country are located in our city. Two world classics are held at the Altoona Speedway each year, one in June, the other in September. These races bring more than 60,000 visitors to Altoona.

In establishing a broadcasting station, it was the intention of the William F. Gable Company to render a public service to the people of this community and judging by the vast amount of mail received daily, the management believes this purpose is being fulfilled.

Our invisible listeners are always welcome to visit the Crystal Studio and letters, cards, telegrams or telephone calls receive prompt attention. Suggestions and constructive criticism will be appreciated.

While our station is not the largest, it is the sincere endeavor of all those connected in any way with it, to make it second to none, in point of quality and service. Anticipating further correspondence and again thanking you, I beg to remain

Yours very truly,

CHIEF ANNOUNCER.

GABLE-TRIBUNE RADIO STATION

97. W - F - B - G

OWNED AND OPERATED BY THE

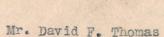
WILLIAM F. GABLE COMPANY

AND

THE TIMES TRIBUNE COMPANY

ALTOONA, PENNSYLVANIA





PROCTORVILLE

Ohio



STUDIOS AND REMOTE CONTROLS BELONGING TO THIS SYSTEM:

CRYSTAL STUDIO IN THE WM. F. GABLE CO. STORE
ARCADE STUDIO IN THE WM. F. GABLE CO. STORE
ALTOONA TIMES-TRIBUNE STUDIO
PENN ALTO HOTEL
COLONIAL HOTEL
JAFFA TEMPLE
ALTOONA JUNIOR HIGH SCHOOL
ST. MARY'S SCHOOL AND CHURCH
FIRST METHODIST CHURCH
CATHEDRAL OF THE BLESSED SACRAMENT
ST. LUKE'S EPISCOPAL CHURCH
GRACE LUTHERAN CHURCH
MISHLER THEATRE
STATE THEATRE
STATE THEATRE
STATE THEATRE
STATE ARMORY N. G. P.
LAKEMONT PARK
THEATRE
DANCE PAVILION
CASINO
MERRY-GO-ROUND
R. B. GABLE'S PRIVATE RESIDENCE
(PLEASE CHECK FROM WHICH STUDIO THIS CONCERT
ENTERTAINMENT OR LECTURE IS TO BE GIVEN)

WALTER S. GREEVY, "UNCLE WALT"
DIRECTOR AND GENERAL MANAGER
M. G. MCCORMICK
ASSISTANT TO DIRECTOR AND GENERAL MANAGER
ROY F. THOMPSON
CHIEF ANNOUNCER
WM. K. AUGHENBAUGH
CHIEF OPERATOR
GEORGE F. CORNET
IN CHARGE OF REMOTE CONTROL SYSTEM

RADIO BROADCASTING STATION



MEMBER NATIONAL ASSOCIATION OF BROADCASTERS

ROBERT B. GABLE
CHAIRMAN ADVISORY BOARD

THEODORE ARTER, JR.

OWNED AND OPERATED DY

The William F. Cable Company

The Times-Tribune Company

VISITORS ARE ALWAYS WELCOME

THE MAIN STUDIO IS LOCATED ON THE SECOND FLOOR OF THE WILLIAM F. GABLE COMPANY'S STORE AND ARCADE, ELEVENTH AND TWELFTH AVENUES, ALTOONA, PENNA AFTER SIX O'CLOCK IN THE EVENING ARTISTS AND GUESTS MUST USE THE ENTRANCE THROUGH THE ARCADE TO THE STUDIO ON THE SECOND FLOOR, FROM TWELFTH AVENUE ENTRANCE.

HOURS FOR BROADCAST

11:45 A. M. TO 12:45 P. M.
3:30 P. M. TO 4:15 P. M.
6:30 P. M. TO 7:30 P. M.
BEDTIME STORIES AT 7:30 P. M.
LECTURE HOUR 7:45 P. M.
PRINCIPAL CONCERT 8:30 P. M.
MIRTHFUL MOMENTS, TUESDAY EVENINGS
11:15 P. M.
HAPPY HOUR, FRIDAY EVENINGS, 11:15 P. M.

SUNDAY BROADCAST

10:45 A. M., FIRST METHODIST CHURCH 4:00 P. M., CHAPEL SERVICES FROM THE CRYSTAL STUDIO 6:00 TO 7:00 P. M., DINNER MUSIC 7:30 P. M., ST. LUKE'S EPISCOPAL CHURCH 9:15 P. M., ORGAN RECITAL

ALTOONA, PENNSYLVANIA Nov. 12th, 1925.

Mr. David F. Thomas, Proctorville, Ohio.

Dear Radio Friend: -

Acknowledging your card of the ninth, reporting reception of our broadcast of that date, I wish to thank you very sincerely for your interest and courtesy in commenting so favorably upon it. The Snyder Brothers, who presented the entertainment were pleased to know that were heard in Ohio.

You will observe our schedule in the upper corner of this letter and in addition to that we have special concerts each Sunday night at 9:15 and 11:15 oclock. I am enclosing an annual pass for our Happy Hour train, which entitles you to free transportation on the Air Line Express which arrives at the Crystla Studio each Friday night at 11:15 oclock.

The only requirement for membership in this organization is that you wear a big S M I L E.

Anticipating further reports when you again hear us, I beg to remain,

Yours very truly,

CHIEF ANNOUNCER.



MEMBER NATIONAL ASSOCIATION OF BROADCASTERS

PRINCIPAL STUDIOS LOCATED IN CENTRAL PENNSLYLVANIA'S GREATEST DEPARTMENT STORE

The William F. Gable Company

ELEVENTH AND TWELFTH AVENUES
ALTOONA - - - PENNSYLVANIA

RT.



1



Mr. David F. Thomas,

PROCTORVILLE, OHIO.



TO ALL OUR FRIENDS WE EXTEND

LTRESTINGS

FOR THE YULETIDE SEASON AND, IN SINCERE APPRECIATION OF YOUR LOYALTY IN THE PAST, ACCEPT OUR BEST WISHES FOR PEACE, HAPPINESS AND PROSPERITY THROUGHOUT THE COMING YEAR.

WALTER S. GREEVY "UNCLE WALT"

DIRECTOR AND GENERAL MANAGER

ROY F. THOMPSON "R.T."

CRYSTAL STUDIO LOCATED IN
THE WILLIAM F. GABLE COMPANY DEPARTMENT STORE

No.451

ANNUAL PASS

GABLE-TRIBUNE RADIO STATION

ALTOONA, PENNA.

The bearer having met all requirements of the Trans-Continental Air Line Express, is entitled to free entertainment and exceptional midnight ride each Friday night at 11:15 o'clock.

This privilege expires on Friday, May 28th, 1926.

R. T.", Chief Announcer and Conductor of the Happy Hour Tr

The bearer of this pass has complied with the requirements, is an ardent radio fan and comments by letter or post card to the Crystal Studio of W-F-B-G in the William F. Gable Company Store, Altoona, Pennsylvania, on each broadcast of the Happy Hour entertainers. Failure to report on a broadcast heard automatically cancels this privilege.

are the second David F. Thomas, Proctomely, Ohio

YOUR recent report on our broadcasting is greatly appreciated.

It is encouraging to our broadcasting staff, as well as to those who entertain, to receive frequent comments on the programs and transmission.

We thank you.

Broadcasting Station WFI
STRAWBRIDGE & CLOTHIER
Philadelphia

BROADCASTING STATION WFI STRAWBRIDGE & CLOTHIER, PHILADELPHIA

REGULAR SCHEDULE

(500 Watts—395 Meters—760 Kilocycles) Eastern Standard Time

Daily

10:15 A. M. - Produce Market and Live Stock Reports. 1:00 P. M.—Meyer Davis Bellevue Stratford Hotel Concert Ocrhestra. 1:50 P. M.—Agricultural Reports. (except Saturdays) 3:00 P. M.—Closing prices of the Chicago Grain Market. (except Saturdays) 3:05 P. M.-Concert. 6:30 P. M.—Meyer Davis Bellevue Stratford Hotel Concert Orchestra. 7:00 P. M.-"Sunny Jim-Kiddies' Pal." TUESDAY 8:00-11:30 P. M.-Special Features. THURSDAY . . . 8:00 P. M.-Boy Scout Radio Corps. 8:30-10:00 P. M.-Special Features. SATURDAY . . . 10:00—11:00 P. M.—Special Features SUNDAY 10:30 A. M.—Services of the Arch Street M. E. Church, every other Sunday. 4:30 P. M.—Chapel Services 7:30 P. M.—Services of the Arch Street Presbyterian Church, every other Sunday.

RETURN IN FIVE DAYS

STRAWBRIDGE & CLOTHIER MARKET, EIGHTH & FILBERT STS. PHILADELPHIA, PA.

31.



219.

U.S.POSTAGE

PAID CENTS

PERMIT 6

Mr. David F. Thomas Proctorville Ohio



Date / / x s
MN. D. D. Thomas
Roctorvilee O.
Thank you very much for your comment on our program of
Jav. /16/21

We welcome suggestion and criticism of our transmission and programs.

Your communications are the only means our artists or ourselves have of knowing how our efforts are pleasing you.

Very truly yours,

Johnstown Autombile Company

.Program Director





THIS SIDE OF CARD IS FOR ADDRESS

Broadcasting Station W-H-B-P

Johnstown Automobile Co. JOHNSTOWN, PA.

Wholesale Distributors

Atwater Kent, Crosley and other
leading lines in Radio Sets
and Supplies

Mr. David J. Thomas

Proctorville



POST CARD





Johnstown Automoble Co.

Wholesale Distributors
RADIO SETS AND APPARATUS

Atwater Kent—Crosley Cunningham Tubes Exide—Eveready Batteries And Other Good Accessories

Care	of	Rad	io	Stat	ion	 	 	
						 		0.00

м		Date	
Care of Station			
Your program of		at	o'clock
was greatly enjoyed by			
The following numbers are			
6 6 6 6	Name		
00000	Address		

Atwater Kent Model 20, \$100

After 5 Days, return to

JOHNSTOWN AUTOMOBILE CO.

101-111 Main Street

JOHNSTOWN, PENNA.





Mr. David F. Thomas, Proctorville, Ohio.

The Voice from the Birthplace of Liberty

WIAD

WAVE 254 METERS

POWER 100 WATTS

HOWARD MILLER

6318 N. PARK AVENUE PHILADELPHIA, PA.

Many thanks for your recent communication reporting reception of the program from WIAD.

Your message has been given to the artists and I wish to assure you that they, as well as myself, appreciate your report very much.

Yours very truly,

Owner, Operator and Announcer.

115



115.



his David of Thomas.

Proctorville.

Ohis.

GIMBEL BROTHERS

RADIO BROADCASTING - WIP, 509 METERS



19/10, 1924

We are glad to get your letter regarding WIP broadcasting.

WIP broadcasts now on 509 meters,

as doubtless you know.

We shall be pleased to have your suggestions and shall appreciate your continued interest in WIP.

Yours truly,

The Gimbel Radio Station (WIP) is enclosed in glass to be seen and enjoyed by all.

Kichard

Gimbel

96





THIS SIDE OF CARD IS FOR ADDRESS

Mr. David F. Thomas Proctorville, Ohio.



June 5th, 1924.

Mr. David F. Thomas, Proctorville, Ohio.

Dear Sir:

We wish to thank you for notifying us of reception of the program broad-cast from Station WJAS. We greatly appreciate such interest and would be more than pleased to hear from you from time to time.

At present we are broadcasting every evening, except Saturday and Sunday, from 7:30 to 10:00. Broadcasting at 286 Meters.

All concerts are broadcast from the studio of the Pickering Furniture Co., which is located at 10th. Street & Penn Avenue, Pittsburgh, Pa., where all correspondence should be addressed.

Yours very truly,

M. H. PICKERING COMPANY

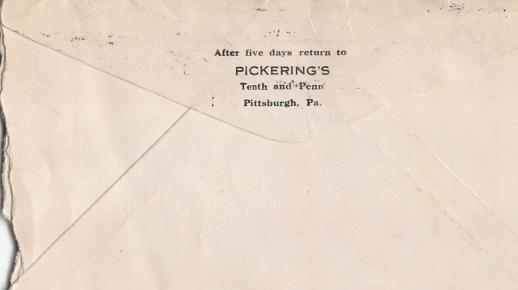
JM:LB

W.J.A.S.





Mr. David F. Thomas, Proctorville, Ohio.





Station WKBI — Elk Cameron Broadcasting Co., St. Marys, Pa. U. S. A.

This will verify your report of received tion of radio station WKBI, operating on 1400 kilocycles, on JRN. 19, 12.5-3. We have checked your report with our station log and find it is correct.

Thank you for your report of reception, and please let us know the next time you hear us on the air.

Winner of the Pen and Pencil set for the report from the longest distance was Ken A. Mackey, 2 Dornoch Street, Dunedin, New Zealand.



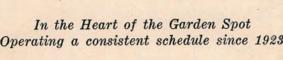
PROCTORVILLE,
Ohio

Your Own Station



16 West King Street LANCASTER, 'PA

In the Heart of the Garden Spot Operating a consistent schedule since 1923





1200 K. C.



"Paul"

PAUL HOFFER Program Supervisor

L. H. BAILEY

"Bill"

General Manager

April 27, 1931 .

David F. Thomas, 26th Street Ferry Co., Proctorville, O.

Dear Mr. Thomas:

Thank you for your card of April 25, advising reception of our early morning test, April 25, at 4:05 A.M. EST.

From the information submitted in your card we were able to check your reception with our station log.

If you will forward the customary log we will be glad to send you our EKKO Stamp.

Our program was merely a service test of our new transmitter in process of construction. We are very glad to have received your comments. We hope in a week or so, early some Saturday morning, to present a regular DX program on this transmitter.

We will drop you a card when we are ready.

Very truly yours,

Manager

LHB: VMW

Your Own Station
WKJC
LANCASTER, PA.



David F. Thomas, 26th Street Ferry Co., Proctorville, O.

NORTHWESTERN PENNSYLVANIA BROADCAST STATION

272.6 Meters 1100 Kilocycles



Post Office Box 163 Telephone 3900

We are always glad to hear from our "listeners in," as this is our only way of knowing when we please.

Any suggestions or comments on our programs, and their reception, that you may care to make from time to time, will be welcome.

Thanking you for your interest in WLBW, I am,

Cordially yours,

Studio Directress, WLBW

WLBW
Oil City, Pennsylvania





Mr. David r. Thomas

Box #264

Proctorville, Ohio

P.N.C. 5898

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W. N. A. U.

Acknowledges with greatful appeciation pour communication regarding Our Broadcasting We extend to you a most cordial Invitation to bisit Our Station any day between 9 A. M. and 6 P. M. excepting Sunday

Very glad to hear from Lenning Brothers Co. You For Thomas Fleasure of entertaining you again.

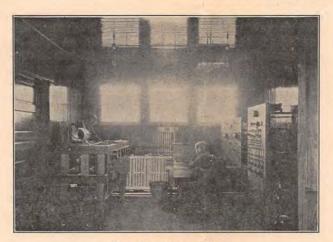
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Proctovelle Ohin

The Pennsylvania State College Radio Station 8XE and WPAB

GILBERT L. CROSSLEY, "RX", Chief Operator



The Operating Room

The Radiophone Broadcasting station at the Pennsylvania State College, WPAB, at State College, Centre County, Pa., is now operating on a 283 meter wave length.

Programs are given until further notice on a tri-weekly schedule, each Monday, Wednesday and Friday night at 8 o'clock, Eastern Standard Time.

The Radio Station at the Pennsylvania State College is a part of and is operated as one of the specialized branches of the Department of Electrical Engineering. When first re-opened after the war, in the fall of 1920, it was in a rather old-fashioned state with its large 208-foot steel tower used to support one end of the 4 wire vertical flat top antenna. Its 2 K. W. non-synchronous spark transmitter, and the crystal and non-regenerative tube receiver were practically its complete equipment. With this as a foundation, the equipment was gradually put in first class condition and as far as possible was brought up to date. By the end of the 1920-21 season this station had put itself on the map as one of the best Amateur Relay Stations of the country. During this season some experiments had been carried on with several other experimental stations on radiophone transmission and reception, this being just about the time when radiophone experimenting was coming in over the country.

Some experimental work was carried on in the old station, after this first successful season, but news came in the beginning of the fall season of 1922 that the long desire for a new and better equipped station was actually to be realized and things soon began to show themselves in the form of the present station. By Christmas of 1922 the "shack" was nearly completed and the three 90-feet high wood towers were finished. Soon afterwards work was started on the station equipment and apparatus in general.

Well Known Relay Station

The station was primarily and specially licensed for experimental work, as 8XE signifies, and along this line it is now carrying on experimental projects of all kinds. In helping to carry on this work it is an Official Relay Station of the American Radio Relay League, and every night operators are on watch. As an experimental station, in tests carried on last December this station was heard in France, English Channel, Panama and Hawaii. Communication is now carried on direct with the Pacific Coast, as well as the majority of the larger stations in the United States and Canada. This station, among the experimenters and amateurs, has become widely known as one of the best.

Since being established in the new station attention has been directed to another field. Even Radiophone Broadcast by WPAB is carried on experimentally as well as for the purpose of education and entertainment. The station reopened with the resumption of regular broadcasting programs on January 7, and the results have been very satisfactory in all phases of the work.

The station is located on the Campus near the University Club. The aerial or antenna used for reception is of the "T" type, composed of two 8 wire cages 4 feet in diameter and 40 feet long, suspended about 50 feet up between two of the towers. It has a 4-wire cage lead in about 4 inches in diameter, coming directly into the "shack" to the receiver.

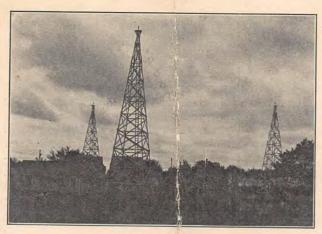
The receiver used here for regular work is at present the simple detector and two stage audio frequency amplifier, three circuit regenerative, having a wave length of from 80 to 15,000 meters. A Magnavox and Western Electric power amplifier are a part of the equipment when needed.

For carrying on the regular relay work a transmitter of a very flexible nature is used. Although it is of permanent construction the power output can very easily be changed by the manipulation of several switches, switching readily to either 5, 10, 50, or 250 watts. This transmitter employs the Hartley circuit, with the tuned plate, using Western Electric tubes throughout. The filaments are heated by A. C. from a transformer, the adjustment being in the primary side of the line. The plate current furnished by a high voltage D. C. generator is filtered before it reaches the tube, different sized tubes taking different voltages.

The Transmitting Set

The radiophone transmitter employs the Heising System of modulation, having two 250-watt tubes as oscillators, three 250-watt tubes as modulators, and one 50-watt tube as the speech amplifier. The oscillators employ the Hartley circuit with the tuned plate. The filaments are also heated by A. C. This set is at present used entirely for radiophone work but it can very easily be changed over to be used with the key using all tubes as oscillators if needed.

The high voltages for the tube transmitters are supplied by two high voltage generators. Each



Antenna System

has its own A. C. motor to drive it and is easily controlled in the main operating room from a switchboard. The armature for the small generator has a double winding and two commutators having 500 volts on one end and 1,000 volts at the other end. This machine is compounded. The field of this machine is excited from the 500-volt side. The other machine is also double wound with each commutator supplying 1,000 volts. The field of this machine is excited by means of a separate excitor in the form of a low voltage generator of about 150 volts. This generator is mounted on the same base as the main machine and driven by the same motor. The field rheostats for the two high voltage generators and the exciter are mounted or the same switchboard as the A. C. motor controls in the operating room. A high range voltmeter is also mounted on the top of this switchboard which may be used to indicate the voltage generated by either machine. The A. C. for the transmitters is also connected at this panel, as well as lines for the high voltage going to the sets. By means of short leads with plug connectors any desired voltage can be delivered to either transmitter, making it, even though permanent, a very flexible installation for experimental as well as for instructional work.

Unique Antenna

The antenna used for the transmitting is different than the one used for reception. The system used is very unique in that it is balanced symmetrically. There are three 8-wire cages 4 feet in diameter, 70 feet long, "Y" connected, and the far ends

held by wooden towers 90 feet high. The counterpoise, which is used in the transmission instead of a ground, is composed of three 4-wire flat tops, 12 feet wide and 90 feet long, directly under the antenna and also connected in "Y." From the center of the antenna "Y" an 8-wire cage one foot in diameter leads directly to a box above the center of the counterpoise. Leads from the counterpoise as well as the antenna come directly into this box, which contains the inductance and capacity for tuning the antenna system. This box also contains a thermocouple ammeter connected in the antenna circuit to read the antenna amperes.

Something also of the latest in use is the method of exciting the antenna system. This is accomplished by what is known as the driver system, capacity coupled. It is a single wire connecting the antenna-counterpoise junction to the transmitter through a coupling condenser. The transmitter itself is grounded. When the transmitter is in tune with the antenna system, the antenna current is a maximum, even though the driver current may be very low, and not even near the high value of that in the antenna. No other wire than this driver wire is brought into the station from either the counterpoise or antenna.

Students Operate Station

All wiring in the station is in conduit, and the generator room is well screened with copper screening outside the walls, this preventing any stray radiation from the generators reaching the apparatus in the operating room. The studio for the broadcast is at one end of the station, having curtains all around to prevent any reverberation of sound as well as other extra noises not wanted.

The Radio Station is one of the things about the campus of which the college can be proud. It ranks high in the experimental and amateur field. It is an Official Relay Station of the American Radio Relay League, being one of the most important stations on Trunk Line "B." It also is of service to the people of Pennsylvania as well as those in other states in helping them to solve their problems in radio work. But one of the big points of this station is that it was made possible through the work of the student operators connected with 8XE and WPAB working under the direction of those in charge of Radio work in the Department of Electrical Engineering of the Pennsylvania State College.

After 5 days, return to
THE PENNSYLVANIA STATE COLLEGE,
Department of Electrical Engineering,
Engineering Building D,
STATE COLLEGE, PA.





David Thomas,

Procterville, Ohio.



Philadelphia, Pa.

December 27th,

1 9 2 9.

Mr. David F. Thomas, Proctorville, Ohio.

Dear Sir:

We thank you for your card of the 22nd, commenting on our program.

If you are interested and will send one dime, we will send you one of our station stamps.

Yours very truly,

W P E N BROADCASTING CO.

HFM

W P E N
PHILADELPHIA





Mr. David F. Thomas,

Proctorville, Ohio.

WPME



1000 WATTS 1540 KCS.

PUNXSUTAWNEY, PENNSYLVANIA

Thanks, mr. David F. Thomas

We quite agree . . . WPME Was heard at your location; And by reply, we verify In tune to our vocation!

-- Carroll N. R. C. Seth

Joe Pelletier DHIEF ENGINEER





Mr. David F. Thomas Proctorville, Ohio



A STUDIO OF WRAK, WILLIAMSPORT, PENNA.

Reception reported by you covering our Program on December 20 This Card will verify

Thanking you for your Report and assuring you that Programs we will be very glad to have you Report Our now and then, we are

RADIO STATION "WRAK" Yours very truly,







David Thomas, Proctorville, Ohio.



December 31, 1931 C. M. CHAFEY, Director

Office and Studios - Pomeroy Building

David F. Thomas, 26th St. Ferry Co. Proctorville, O.

Dear Sir:

We very much appreciate your communication relative to the test program conducted from this station, 3:00 A.M. December 15th, 1931, for the United States Supervisor of Radio, District #3.

This will verify your reception and we trust that you will enjoy many more programs from W R A W.

Very truly yours,

READING BROADCASTING CO. INC.

CMC: ML

President







David F. Thomas, 26th St. Ferry Co. Proctorville, O.





WRIGHT & WRIGHT, INC.

BROADCASTING STATION

WWAD

F. L. MAYTAG AT THE TRANSMITTER

2215 N. BROAD STREET

PHILADELPHIA

Dear Friend:

We certainly thank you for your favor of recent date in reference to your reception of this Station.

We take this opportunity to thank you for writing, as it is only by your kind letters and cards that we are able to keep WWAD up to the standard which we know you desire.

Our Artists also extend their thanks, and this Station assures you that those who perform over our microphone welcome your applause and appreciate it highly.

Our Programs, selected to give the greatest satisfaction, are broadcast on a wavelength of 250 meters, through a Transmitter and Power Amplifier built entirely by ourselves.

This Station is owned and operated by

WRIGHT & WRIGHT, Inc.

Distributors of the

MAYTAG WASHING MACHINES

2215 North Broad Street Philadelphia

Under the personal direction of

Mr. Walter Wright

Our scheduled programs are broadcast Monday and Thursday evenings.

We also extend to you an invitation to visit our Studio, located at our Home Office mentioned above, where you will find nothing has been overlooked in order that our artists may render their best efforts for you.

Trusting we may continue to entertain you, we are Most sincerely yours,

Walter Wright

President.



2215 N. BROAD STREET
PHILADELPHIA

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David F. Thomas,

Proctorville, Ohio.

c/o Twenty-sixth St. Ferry Co.

BROADCASTING STATION

WWAD