

# HEINL RADIO BUSINESS LETTER

2400 CALIFORNIA STREET

WASHINGTON, D. C.

**CONFIDENTIAL — Not for Publication**

INDEX TO ISSUE OF APRIL 24, 1934.

Radio Savants To Gather In Capital.....	2
Editors Foresee Censorship In Communications Commission.....	3
Code Authority To Meet May 2.....	4
Communications Commission Legislation Stymied.....	5
Marconi Plans "Surprise" In Radio In Year Or Two.....	5
Public Appealed To In Coast Radio-Newspaper Quarrel.....	6
Ohio To Discuss Radio Education.....	7
Radio Wholesale Trade Code Approved.....	7
Business Letter Notes.....	8
J. Leslie Fox New WMCA V-P.....	9
NAB Reports Record Breaking Membership.....	9
Grigsby-Grunow Sale Postponed Account Of Low Bids.....	9
Sees American Plot To Capture British Radio.....	10
Decisions Of The Federal Radio Commission.....	11

No. 718

*422  
S. G. H. Jones*

April 24, 1934.

## RADIO SAVANTS TO GATHER IN CAPITAL

A final draft of the program of the joint meeting in Washington Friday (April 27) of the Institute of Radio Engineers and the American Section, International Scientific Radio Union, embraces the latest field of scientific endeavor. Scientists are necessarily leisurely but this meeting will last but a day and each paper will be limited to twelve minutes, to allow time for discussion.

There will be two sessions, beginning at 10 o'clock in the morning and 2 o'clock in the afternoon to be held at the National Academy of Sciences.

The program follows:

The Development and Characteristics of 9 cm Radiation, C. R. Kilgore (Westinghouse Company); Notes on Propagation At A Wavelength of 73 Centimeters, B. Trevor and R. W. George (RCA Communications, Inc.); Vacuum Tubes For Generating Frequencies Above One Hundred Megacycles, C. E. Fay and A. L. Samuel (Bell Telephone Laboratories); The 1932 Eclipse Observed by Radio Facsimile, E. F. W. Alexanderson (General Electric Co.); Some Recent Work on the Ionosphere in Canada, J. T. Henderson (Canadian National Research Council); Studies of the Ionosphere by Multi-frequency Automatic Recording, T. R. Gilliland, (Bureau of Standards).

Also, Ionosphere Measurements at Low Latitudes, L. V. Berkner and H. W. Wells (Carnegie Institution of Washington); A High Frequency Electrodynamic Ammeter, H. M. Turner and P. C. Michel (Yale University); Some Thermal Methods of Measuring Power Loss In Vacuum Tubes, F. P. Cowan (Harvard University); The Frequency Standard and Monitor Station of the Canadian Radio Broadcasting Commission, W. A. Steel and K. A. Mackinnon (Canadian Radio Broadcasting Commission); A Method of Measuring Noise Levels on Short-Wave Radio Telegraph Circuits, H. O. Peterson (RCA Communications, Inc.); Frequency Distribution of the Intensities of Radio Atmospherics, K. A. Norton (Bureau of Standards); Developments in Automatic Sensitivity Control, G. E. Pray (Signal Corps Laboratories); Phase Angle of Vacuum Tube Transconductance at Very High Frequencies, F. B. Llewellyn (Bell Telephone Laboratories).

Also, A New Method of Determining the Operating Characteristics of Power Oscillators, C. N. Kimball and E. L. Chaffee (Harvard University); Grid Circuit Losses in Vacuum Tubes at Very High Frequencies, B. J. Thompson and W. R. Ferris (RCA Radiotron Co. Inc.)

17/21/51  
A Short-Cut Method for Calculation of Harmonic Distortion of Modulated Radio Waves, I. E. Mouromtseff and H. N. Kozanowski (Westinghouse Co.); Space-Charge Effects in Piezo-Electric Resonators, W. G. Cady (Wesleyan University).

Supplementary Program - Low-Frequency Transmission Over Transatlantic Paths, H. H. Beverage (RCA Communications, Inc.); and G. W. Kenrick (Tufts College); Input Impedance of Vacuum Tube Detectors at Ultra Short Waves, A. B. Crawford (Bell Telephone Laboratories); Ionosphere Studies at Fairbanks, Alaska, H. B. Maris (Naval Research Laboratory).

X X X X X X X X X

#### EDITORS FORESEE CENSORSHIP IN COMMUNICATIONS COMMISSION

The possibility of censorship as an outcome of the Federal Communications Commission was a subject of vigorous consideration by the American Society of Newspaper Editors in Washington last week. In opposing the large grant of powers that have been proposed the mission in Washington, added:

"Despite all safeguards hereinbefore mentioned, the likelihood that such a Federal Communications Commission might try to inflict a measure of censorship on the press, along with its domination of the telephone and radio business, is not too remote."

Foreign censorship of control of news destined for the United States was another object of attack.

There was a warning by Col. Frank Knox, publisher of the Chicago Daily News:

"The bureaucratic Federal control of all means of communication can readily be converted into an efficient machine for censorship overnight. That the desire exists to exercise such a censorship can no longer be doubted. It has shown itself in a dozen different directions."

In his address to the editors, General Johnson said that were he "as competent as some of the newspaper articles have charged, or were I the blustering jackass of some verbal and pictorial cartoon, s you may be sure I would not have lasted a month.

"We have been accused of a diabolical desire to impose a censorship on the press and on the radio", he added. "Considering the articles and speeches in opposition to the President's program, we certainly have made the poorest kind of fist if control of the agencies of publicity was one of our sub-objects.

"As a matter of fact, the constitutional prohibition against interference with the press has been taken into account with every draft of the newspaper code since the first appearance of the publishers' committee in the matter.



"Although I could see no more reason for reasserting the sanctity of liberty of expression in the newspaper code and in reaffirming the whole Constitution of the United States, we have all along reiterated that provision because the publishers wanted it inserted.

"As to the radio, let me give you my personal assurance that never at any time have we asked that a critic be kept off the air or have we sought in any way to trammel the broadcasts of such gentlemen as Colonel McCormick, Mr. Hearst, Mr. Sanders, Senator Dickinson or any of the others who were minded to tell the people how monstrous was what we were trying to do and how wicked were the people who were trying to do it."

X X X X X X X X X X

#### CODE AUTHORITY TO MEET MAY 2

A busy day is anticipated at the meeting of the Broadcasters' Code Authority in Washington, Wednesday, May 2. It has been explained by Division Administrator Sol A. Rosenblatt that the letter to which the Broadcasters took such exception to, suggesting a 30-hour week with a 10 percent pay increase, was a form letter sent to all Code Authorities operating in his division and that the radio industry had not been singled out to the exclusion of others. Mr. Rosenblatt's division includes, in addition to broadcasting, the amusement, transportation, advertising and apparel industries.

Nevertheless, the letter is expected to be the basis of animated discussion as many broadcasters feel that it would be impossible for the industry to comply with this provision and have registered a strong protest against it.

The Code Authority at the forthcoming meeting will also take up complaints arising out of alleged trade practice provisions. Guy Earl, of Station KNX, of Los Angeles, has brought the conflict between the Los Angeles newspapers and KNX to the attention of the Code Authority. KNX has asked the Code Authority officials to sustain its interpretation that it is an unfair trade practice, and therefore a violation of the code, for any radio station to broadcast news programs for newspapers without charge, receiving their return in the form of free publicity.

Doubt was expressed as to whether the Code people would consider this complaint.

"It looks to me as if Earle had gotten himself into a jam with the newspapers in Los Angeles and expected the Code Authority to pull him out", an observer remarked. "I don't see why the Code Authority should get mixed up in the press-radio row or a phase of it, such as this appears to be, and it would greatly surprise me if the Code officials took any action in the matter."

X X X X X X



4/24/34

## COMMUNICATIONS COMMISSION LEGISLATION STYMIED

Because it was necessary to give his undivided attention to the stock market control legislation, Chairman Sam Rayburn, of Texas, last Monday (yesterday) indefinitely postponed the hearings before the House Interstate Commerce Committee on the Dill-Rayburn Communications Commission Bill. Chairman Rayburn said he hoped to take up the Communications Commission Bill the latter part of the week but that it all depended upon whether or not the Securities Control Bill had been disposed of.

This further delay in considering the Communications Bill caused considerable speculation as to whether or not the measure had a chance of becoming a law this session. The odds seemed to be about 10 to 1 that it would not, because of the short time between now and the tentative date of adjournment, June 1st.

Nevertheless, this should not be construed to mean that the Bill is dead. Far from it. The legislation is simply sidetracked for the moment and as soon as other legislation, which is considered of an emergency nature, is out of the way, the Communications Bill will be expedited if it is the desire of President Roosevelt to do so.

"You know how they are on the Hill", a veteran observed, "they can stall around interminably but if they really want to pass a Bill, they can sometimes do it in a couple of days."

X X X X X X X X

## MARCONI PLANS "SURPRISE" IN RADIO IN YEAR OR TWO

A message sent by Senator Guglielmo Marconi to associates in London has aroused considerable speculation as to whether the inventor is near another important radio discovery, according to the New York Times.

"I hope to surprise you in a year or two as I surprised you in 1901 with transmission across the Atlantic", was the wording of the dispatch.

X X X X X X X X

## PUBLIC APPEALED TO IN COAST RADIO-NEWSPAPER QUARREL

The radio news situation in Los Angeles flared into the open following adoption by local publishers of a policy of omitting from radio column listings those stations which have declined to cooperate in the matter of news broadcasts. according to Editor & Publisher.

This action resulted in the complete elimination of mention of KNX, independent station operated by Guy C. Earl, Jr., and partial elimination of KFI programs. Each of these stations broadcasts news gathered by its own organization. KFI is a member of NBC, and local papers are listing only the chain programs it broadcasts and the Press Radio News period of the Los Angeles Post Record, read over this station.

The Los Angeles Times in "A Plain Statement" explained to its readers, its action and the reasons therefor, asserting that the Press Radio Bureau "is directly in line with the expressed desires and policy of the Federal Radio Commission to protect the listening public from irresponsible and often highly damaging broadcasts of wild rumors, 'grapevine' reports, and not infrequently purely imaginary 'news.'"

In answer KNX included in all its news broadcasts a statement of its position, terming the creation of the Press Radio Bureau an attempt of the American Newspaper Publishers' Association to dictate to radio stations, and describing the Press Radio reports as "censored set-ups."

KNX added to its statement that to all listeners interested the station would send weekly listings of their programs for six months, on receipt of \$1.

Meanwhile the working agreement between KFI and KNX for local news coverage has been terminated. Each has arranged for its own local coverage, and is buying foreign and national news from eastern bureaus. KFI is served by the American Radio News Association Earle Building, Washington, D. C., and KNX by the Radio News Association, 342 Madison Avenue, New York City.

The American Radio News Bureau is said to be staffed chiefly by the same men who comprised the Columbia Broadcasting System news service, Frank Connor, Jr., Cecil Owen, and Wallace Werble.

After CBS discontinued its news broadcast service, the Buffalo Evening News retained Mr. Connor and his associates to bulletin Washington events for its radio programs. From this start the service has branched out to embrace a considerable number of stations not parties to the agreement formed by the four large press associations, the newspaper-operated radio stations, large newspapers and many commercial stations.

The principal federal buildings are covered in Washington but Congressional doings are being reported from the public galleries, since the radio correspondents do not qualify for membership in the press gallery under existing rules. White House happenings are being received through various channels other than direct coverage. None but accredited correspondents for newspapers are allowed White House press privileges.

The Washington office of the American Radio News Bureau is one of a number operated through the country on the same principle. Assessments are made on the stations served, these being based on population and telegraph tolls are paid by the stations. News is bulletined for three daily broadcasts.

X X X X X X X

#### OHIO TO DISCUSS RADIO EDUCATION

Plans have been completed for the Fifth Annual Institute, Education by Radio, which will be held at Columbus, Ohio, April 30.

Among the speakers are Governor White, of Ohio; Dr. George W. Rightmire, Ohio State; H. V. Kaltenborn, news commentator; E. A. Corbett, University of Alberta, Canada; Miss Judith C. Waller, educational Director NBC; James E. Pollard, Ohio State; C. H. Milan, American Library Association; Eugene J. Coltrane, National Committee on Education by Radio; A. Lee Henderson, Ohio Emergency Junior Radio College; Joseph F. Wright, President, Association of College and University Broadcasting Stations; Dr. Herman S. Hettinger, University of Pennsylvania; Frederic A. Willis, Educational Director, CBS; H. B. McCarty, Station WHA; W. I. Griffith, Station WOI; Allen Miller, University of Chicago; H. M. Buckley, Cleveland, Ohio; Annas Higgins, Chicago, Ill.; Luther Meyer, San Francisco; Helen Johnson, American School of the Air; Philip G. Loucks, NAB; Grazella P. Shepherd, Cleveland College; Elmer G. Sulzer, University of Kentucky; E. B. Kurtz, University of Iowa.

X X X X X X X X

#### RADIO WHOLESALE TRADE CODE APPROVED

The National Recovery Administration has approved the supplementary code of the radio wholesaling trade, a division of the wholesaling or distributing trade, effective May 1st.

This Code covers approximately 500 concerns whose total annual sales in 1929 amounted to approximately \$425,000,000. The trade employs about 4,500 persons.

X X X X X X X



::  
 ::BUSINESS LETTER NOTES::  
 ::

An equity complaint charging infringements of patents was filed in the United States Court in Brooklyn by the Radio Corporation of America against the Mackay Radio and Telegraph Company, Inc.

The complaint charges illegal use of four patents issued to Nils E. Lindenblad and Philip S. Carter and assigned by them to the Radio Corporation of America. The patents are for improvements in radio antennas and electric circuit improvements.

-----

The Institute of Radio Engineers will be among the engineering societies sponsoring the All-Engineers joint banquet at the Mayflower Hotel in Washington, Friday night.

-----

The Crosley WLW 500,000 watt transmitter at Cincinnati will be dedicated Wednesday, May 2. Thereafter WLW will operate on this power full time day and night until August when, if no interference develops, it is expected authority will be given by the Federal Radio Commission to continue with this power indefinitely.

-----

A report from Havana is to the effect that Dr. J. R. Brinkley, late of Kansas and Mexico, will begin the operation there of a 1,000,000 watt station.

-----

Frederic R. Huber, Municipal Music Director of Baltimore, and director of Station WBAL, was the chief speaker at a symposium which opened last evening at the Greenwich House Music School in New York City.

-----

Senator Copeland, of New York, has served notice that he expects to call up the "food and drug bill" for consideration of the Senate early this week.

-----

Portland, Oregon, schools, in addition to numerous broadcasts from their own station, KBPS, are using dramatized news events broadcast by radio stations KGW and KEX. These broadcasts are especially designed for school use; contain no advertising matter; and are suited in vocabulary and subject-matter to the needs of elementary school pupils.

X X X X X X X X

4/24/34

## J. LESLIE FOX NEW WMCA V-P

J. Leslie Fox, former manager of WSM, Nashville, has been appointed Vice-President of WMCA, in charge of sales. Jack Adams, is reported to have resigned as Executive Vice-President. Also Capt. R. S. Woods, in charge of publicity. Herbert Glover, formerly of Columbia, has succeeded Woods and C. A. Kracht has been made WMCA's Director of Sales.

X X X X X X X X

## NAB REPORTS RECORD BREAKING MEMBERSHIP

As the result of an intensive membership drive, the National Association of Broadcasters has now 324 active members at this date, according to Philip G. Loucks, Managing Director. The aim is to have 400 members enrolled by May 1st.

X X X X X X X X X

## GRIGSBY-GRUNOW SALE POSTPONED ACCOUNT OF LOW BIDS

When the assets of the Grigsby-Grunow Company in Chicago were offered for sale following bankruptcy proceedings, the only sales which were made consisted of the stock which Grigsby-Grunow held in the Columbia Phonograph Co., \$70,500, and in the Majestic Co. of England, \$35,000.

Bids were submitted on the replacement parts for Majestic radios and refrigerators, also on the radios and refrigerators which are completed ready for shipment. The Receiver recommended that the bids be rejected, because in his opinion they could be sold for a larger amount. There was also a bid of \$650,000 submitted for a large number of items of refrigerator machinery equipment covering 24 typewritten pages, which it was necessary to analyze carefully to determine whether or not it was sufficient to warrant consideration.

The sale was postponed for two weeks and in the meantime negotiations for the purchase of various items of the assets will be considered by the Receiver.

There are several groups who are trying to form a reorganization and a proposition from one of these groups at least will be submitted to the Receiver before the date of the next sale.

X X X X X X

## SEES AMERICAN PLOT TO CAPTURE BRITISH RADIO

A conspiracy to extend the American system of broadcasting to England is seen by the London Daily Sketch, which tells its readers:

"There has been a suspicious lull in the baiting of the B.B.C. during the Easter recess. Mr. Samuel L. Rothafel - "Roxy", of New York - has gone home after his flying visit to London. On the fact of it, the latest attempt to capture wireless in Great Britain for American advertisers and exploiters has failed.

"It is by no means certain that the danger is past. It is a very real danger. For months the assault on the B.B.C. has been pursued with a relentless subtlety that has sometimes won to its support influences which were unaware of the purpose behind it. Watch for a renewal of the campaign when Parliament reassembles.

"Criticism of the B.B.C. is inevitable, and is, of course, thoroughly legitimate, in so far as those who provide it with its revenue through license fees are entitled to express their views about programmes.

"Not one in a thousand of these critics would wish to see the chaos of American broadcasting conditions reproduced over here by the setting up of a wireless station in rivalry or in conjunction with a defeated B.B.C. for the broadcasting of advertisement programmes. That, however, is the definite objective.

"It is on the American side that the campaign is being waged most hotly.

"The Daily Sketch learns that one American syndicate has agreed to defray the cost of cabling from New York to England to facilitate the putting over of American 'advertising' programmes.

"Behind the whole plot stands one of the big American corporations with £1,000,000 of capital waiting for investment in what it foresees to be a rich new field for exploitation. British advertisers who fell into such a trap would be the first to rue the consequences.

"Cautiously as the project has been engineered, the arrival one after another of powerful emissaries on exploratory missions has at last robbed the scheme of disguise, though some inside the House of Commons and outside are not yet aware of the extent to which it had been hoped to make use of them. They have been approached by the most plausible arguments through apparently disinterested third parties.

"Some of the B.B.C. methods have paved the way for the attack. The autocratic atmosphere which prevails at Broadcasting House to a greater degree than in any Whitehall department has irritated even those who recognize that with all its faults broadcasting in Britain is infinitely better than in any other country.



"People are constantly being told how much brighter are some of the Continental broadcasts. The proof is within the reach of the owner of the most modest receiving set. How often do you tune in to a foreign station and find it more satisfying than your National, Regional or Daventry programmes?

"There may be ground before the Corporation's present contract expires for a full inquiry into the future control of British wireless.

"The worst thing that could happen would be that M.P.s should allow themselves to be hustled into a policy of carping criticism or into doing something that would deliver control to a far more dangerous body than the present corporation.

X X X X X X X

## DECISIONS OF THE FEDERAL RADIO COMMISSION

### Applications Granted (April 24, 1934)

WNBX, WNBC Broadcasting Corp., Springfield, Vt., C.P. to make changes in equipment and increase power from 250 to 500 watts; no change in frequency (1260) or hours of operation (day-time); KGBU, Alaska Radio & Service Co., Inc., Ketchikan, Alaska, C.P. to move transmitter and studio locally in Ketchikan; WDBO, Orlando Broadcasting Co., Inc., Orlando, Fla., special experimental authority to increase day power to 1 KW, and set for hearing the application to increase night power to 500 w.; KSTP, National Battery Broadcasting Co., St. Paul, Minn., extension of special experimental authority to 11/1/34, to operate with 25 KW daytime only; also license covering changes in equipment 1460 kc., 10 KW, unlimited time; WHBL, Press Publishing Co., Sheboygan, Wis., license covering changes in equipment 1410 kc., 500 watts, SOWROK.

Also, KPJM, Scott & Strum, Prescott, Ariz., license covering changes in equipment and move of transmitter and studio locally, 1500 kc., 100 w., unlimited; KTFI, Radio Broadcasting Corp., Twin Falls, Idaho, license covering local move of transmitter, and studio, 1240 kc., 500 w., night, 1 KW day, unlimited; WBRG, Birmingham Broadcasting Co., Inc., Birmingham, Ala., authority to determine operating power by direct antenna measurement; WDAF, Kansas City Star Company, Kansas City, Mo., authority to determine operating power by direct antenna measurement.

Also, H. B. DuPont, NC-500, Aviation-Aircraft license, 3105 kc., 10 watts; KGZD, City of San Diego, Cal., Police Dept., C.P. to move transmitter locally, install new transmitter, increase power from 100 to 500 watts, and change frequency from 2430 to 2490 kc.; City of Quincy, Mass., Police Dept., C.P. 30100, 33100, 37100, 40100, 86000-400000, 401000 kc. and above, 50 watts; Same, Portable and Mobile, 6 C.P.s same as above

except 4.5 watts power; Sun Oil Co., Portable (Shooting Station), C.P. for geophysical service, 1652 kc., 50 watts; National Broadcasting Co., Inc., Portable & Mobile, C.P. (General Experimental) 1614, 2398, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 23100, 25700, 26000, 27100 kc., 250 watts; also granted license covering same; Same Co., Seth Parker (Ex-Georgette), Special experimental license, same as above except 55 watts, location: Schooner Seth Parker; W3XF, City of Ventnor City, N. J., Police Dept., license (general experimental), 30100, 33100, 37100, 40100, 86000-400000, 401000 kc. and above, 25 watts power; KGHP, City of Lawton, Okla., Police, Dept., license, 2466 kc., 50 watts; KGHN, City of Hutchinson, Kans., license 2450 kc., 50 watts, licensed operator at control point only; WLOXAG, State of New York, Conservation Dept., Portable and Mobile, modification of license to change frequencies from 60000-80000 kc. to 31600, 35600, 38600, 41000 kc.

Also, WLOXBE, State of New York Conservation Dept. Portable in New York State only, modification of license to change frequencies from 60000-80000 kc. to 31600, 35600, 38600, 41000 kc.; Tropical Radio Telg. Co.; WFB, WFC, WFD, WFT, WFL, New Orleans, La., modification of license to add Belize, British Honduras as an additional point of communication, and delete San Salvador as a point of communication; WFF, modification of license to add Belize, British Honduras as an additional point of communication; The Northrop Corp., Portable mobile in any aircraft, special experimental license, 3125, 5690 kc., 50 watts;

### Miscellaneous

WGES, Oak Leaves Broadcasting Station, Inc., Chicago, Ill., granted special temporary authority to operate the following specified hours, instead of sharing with WJKS: Mon., Tues. Wed., Thurs. and Fri. 6 A.M. to 11 A.M. and 5 to 8 P.M.; Sat. 6 to 11 A.M.; 5 to 7 P.M.; 11 P.M. to 2 A.M.; Sunday, 7:30 A.M. to 1 P.M.; 3:30 P.M. to 7 P.M.; 11 P.M. to 2 A.M. CST, for period May 1 to Nov. 1, 1934; Virgil Evans, Spartanburg, S. C., application for radio station at Greenwood, S. C., remanded to Examiner for additional testimony; W6AEF, Kenneth S. Kneedler, El Monte, Cal., renewal of amateur license, heretofore designated for hearing, was denied because applicant failed to enter appearance with time allowed; WPFB, Otis P. Eure, C.P. to move transmitter and studio, change frequency and time, heretofore designated for hearing, was dismissed at request of application.

### Ratifications

Action taken April 19: KIZP, Radiomarine Corp. of America, New York, granted 60 day authority to replace ET-3628 with ET-8004 aboard "Shickshinny", 50 watts, frequency 5500 to 17000 kc.; WCEL, M. Crivello, San Diego, Cal., granted 60 day authority to operate station aboard vessel "Europa", pending action on formal application; Action taken April 30: KVOS, KVOS, Inc., Bellingham, Wash., C.P. to move station locally, granted; Alamo Broadcasting Co., San Antonio, Tex., granted 30 day authority to operate portable-mobile gen. exp. station, frequencies 31100, 34600, 37600 and 40600 kc., 3 watts.

X X X X X X X X