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Issued Weekly

VOL. 5 No. 6

Headquarters
317 EAST 10th STREET
ERIE, PENNA.

Issued Weekly

NOVEMBER 16 1937

We welcome the following new members—Harold Birstrom—Cleveland Ohio,
John Longer—Cleveland Ohio— Boris Kozel—Cleveland Ohio—

KPDN-1310 Kc's Pampa Texas, dedicated a Special Dx program for the NRC
on Nov. 14, from 3:00-3:30 A.M. E.S.T. This tip arrived to late for the
bulletin.

Some very good tips have been sent in from our Secy. Carl Eder.

KWNO-1200 Kc, -100 Watts—Winonna Minn. Writes that they will not be on
the air until the first of the year. Their time on the air will be
from 6 A.M. to local sunset.

KVOX-1500 Kc. Moorehead Minn. Writes that they will start broadcasting
on Thanksgiving Day.

KFAM—St Cloud Minn—Writes that they have not yet been constructed. But
will cooperate with the club in the near future.

***** NOTICE *****

Mr. Boris Kozel-15412 Waterloo Road, Cleveland Ohio. (W8MMQ) has accepted
the position of Amateur Editor for the NRC. Mr. Kozel was in charge of
the amateur transmitter at the Cleveland Great Lakes Expo in 1936 and
in also Secretary and Treasurer of the East Cleveland Amateur Associa-
tion and brings to the NRC a vast knowledge of Amateur Lore. We feel
that in accepting Mr. Kozel's appointment we are bringing our members
the best Editor available. We sincerely hope that the members will
report often and very lengthly, and help Mr. Kozel to make the NRC Ama-
teur Section the best and most informative Department of any Dx Club.
Mr. Kozel's first write up will be in NEXT WEEKS NRC Bulletin.

SPECIAL-WICA-940 Kc—Will start their equipment test Tuesday Morn.
Nov. 16th thru Nov. 18—All test will be dedicated to the NRC

On the last page of the bulletin you will find a notice of our Mem-
bership contest, which starts with this issue. Sorry this page did not
turn out so good but from lack of ink at HQ tonight it could not be
helped. So we will repeat this contest next week.

NOTICE TO THE CLEVELAND MEMBERS—We would like to have all the mem-
in and around Cleveland drop a card or letter to Headquarters as we
are planning a trip to Cleveland in about TWO weeks from Sunday (Dec)
5, and would like meet all those that care to attend our little gather-
ing. Arrangements will be made by letter or card.

Singletons held:-

Criswell:- KBIX KFXJ KGAR KGKB KGVO KLRA KNOW KPDN KRGV KRLH WABY WBCM
WDNC WEMP WEVD WEW WPAS WFBR WGNY WHN WJSV WMBD WMFF WMFO
WMFR WNEW WOKO WTAQ WTNJ XEU. - Pa. - 68 points.

Eder:- CJCJ CKUA KEEN KGA KGB KGBX KGFI KGU KGY KHBG KHSL KMMJ KOAM
KRMC K TSA KNG KYOS WDOD WGTM WKEU WRR WTAL XEL. - Minn. - 40 1/2 "

Forestieri:- CMQ KMPC WBIL WRBL WSAY WTRC XEB LR6 PRF3 PRA9 Paris 695;
(N.Y.) Marseilles 749; Lyon-la Doua 648; Lille 1213; 5CK 5CL - 67"

Routzahn:- KFVD KLUF KTUL WAIM WBAX WBNY WDAS WEBR WFBG WFIL WFMD WGBB
WHA WMFJ WMPS WOI WPAD WSMB. - Pa. - 31 points.

Snyder:- CFCN CKLW CKOC KALB KARK KDLR KDYL KFBI KFJB KFJM KGIR KNX KOA
(Mich.) KSCJ KSTP KTRH KVOA KVOO KVK KWSC KYA WBNS WCAZ WCBD WDBO WDSU
WELL WFBC WFBM WGAR WGES WGN WHBL WHDH WHIO WIBM WJAS WJR WLB
WMAQ WMBH WMT WNBX WQAM WQBC WRVA WSPA WSPD WSVS - 63 1/2 points.

Stone:- CFCY CFPL CHSJ CJOB CJCS CBW CJRM CKCL CKOV CMCY CMGH CMOX CRCK
CRCT KADA KBTM KCMO KELD KEX KFAC KFBK KFEL KFIZ KFJZ KFPW KFPY
KFRO KFSK KGCX KGFF KGGM KGIH KGNO KHJ KJBS KMLB KMOX KOIL KOL
(Ont.) KOTN KPLC KPO KQW KROC KUSD KVSQ KWOS KWTN KWTO KXYZ KYW WACO
WAGF WASH WBBC WBEN WBLK WBRB WBRF WCAD WCAO WCKY WCLS WDAE WDGW
WDRC WEAN WEED WESG WGH WGPC WGR WGST WGY WHBQ WHEF WHFC WIBU
WICC WIP WJAX WJBY WJJD WJMS WKAQ WKAR WKBH WKBZ WLBC WLBL WMAS
WMBC WMFG WMPC WMSD WNAC WNBC WNBK WNOX WOOD WOPE WPG WRDW WREC
WRJN WROL WSAI WSAJ WSIX WSJS WTAM W8XO XELO XERA. - 154 points.

Weaver:- KPMC KRLC KTSM WTCN. - Pa. - 11 1/2 points.

Eliminators:-

Forestieri:- Eliminated Stone's CFCY.
Routzahn:- " Criswell's KAND WAAB WCAP WHBB WNYC WRAK WRRL.
Forestieri's WBRY WFTC WOR. Eder's KTOK WBHP.
Snyder:- " Criswell's KFYO KLS KMA WHLB WRGA WSMK WSOC.
Eder's KGHF WAAF. Routzahn's WIND WJBK WMFD WWJ.
Stone's CKX KFPL KFXR WBAL WBAP WBEO WCNW WDAF
WENR WFEA WHBC WHKC WNZO WOAI WPEC WSBT.
Stone:- " Criswell's KABR KMAC KNEL KPAC KWJJ KWKH KWYO
WCAX WCBS WEOA WEST WDFE WERC WHAT WHBI WILL
WISN WJBL WJZ WKBV WLAK WRAW WTHT WTMV. Forest-
ieri's KCKN KXBY WAPO WBLV WNEL WFRP WSAU LRL.
Eder's CKY CMCJ KFVB KFXD WBBM WCOC WMBR WQDM
XEFO. Routzahn's KVOL WBBL WBTM WJBO WJTN WMBO
WMBS WMCA WRNL. Weaver's KCMC.

Complete list of stations that have thus far been Eliminated:-

CKX CKY CMBX CMCD CMCJ CMHJ CRCY KABR KAND KANS KATE KBST KCKN KCMC KDAL
KEUB KFNF KFPL KFVB KFXD KFXR KFYO KGHF KGLO KHUB KID KLAH KLS KMA KMAC
KNEL KOCA KORE KOVC KPAC KPLT KRBC KRIS KRKO KRNR KRRV KRSC KTEM KTOE
KUGB KVOL KWJJ KWKH KWYO KXBY WAAB WAAF WAIR WAPO WAYX WBAL WBAP WEBL
WBBM WBEO WBHP WBLV WBRY WBTM WCAP WCAX WCBS WCLE WCNW WCOC WCPO WDAF
WDWS WEAU WENR WEOA WESG WEST WDFE WFEA WFOR WFOY WFTC WERC WHAT WBBB
WHBC WHBI WHKC WHLB WILL WIND WISN WJBK WJBL WJBO WJNO WJRD WJTN WJZ
WKBV WKZO WLAK WMBO WMBR WMBS WMCA WMFD WMIN WNEL WNLC WNYC WOAI WOR
WPRO WFRP WQDM WQXR WRAK WRAW WRGA WRNL WRTD WSAN WSAU WSAZ WSBT WSMK
WSOC WTEL WTHT WTMJ WTMV WWJ WRRL XEBG XEFO XEMO XEF XET LRL Belfast.

Please remember only verifs received since Jan. 1, 37 are eligible!!!

The following letter was received from the Department of Commerce, National Bureau of Standards, Washington, D. C.

"Replying to your letter of October 28, no definite arrangements have yet been made for special test programs from foreign broadcasting stations during the coming winter. We have just sent a letter requesting special transmissions from Station LR-1, 1070 kcs., Buenos Aires. We do not plan to ask for any special transmissions from European stations because we can record some of the French stations on their regular morning transmissions. We shall inform you of the special transmissions from LR-1 when definite arrangements have been made."

Mr. H. H. Hohenstein, Director of station KFUC, 550 kcs., St. Louis, Mo., advises us that that station will broadcast a special DX program on Saturday morning, December 4 from 2:00 to 4:00 A.M., E.S.T. All are urged to listen in and send them a report on this broadcast.

The following letters have been received from stations in response to the request of the Clearing House Manager for some period during which time the All Night Broadcasters might stand by in order that the various clubs can sponsor DX programs on their respective frequencies.

From WNEW, "This will acknowledge your letter of November 1.

Please be advised that due to sharing time with Station WHBI of Newark, New Jersey, we do not maintain an actual 24-hour broadcast schedule for the full week.

We sign off as follows:-

Sunday: 12:30 P.M. to 6:30 P.M. and 9:00 P.M. to 7:00 A.M. Mon-

days: 2:00 P.M. to 5 P.M. and 8:00 P.M. to 10:00 P.M.

In addition, we are required to sign off by the Federal Communications Commission for monitoring purposes the second Wednesday morning of each month from 4:10 to 4:30 A.M. Actually, we sign off for the full hour from 4:00 to 5:00 A.M.

Trusting that this information will be helpful to you,"

From WABY, "This will acknowledge receipt of your letter of October 29th.

WABY is silent from the 8th through the 14th of each month.

This schedule will undoubtedly enable you to arrange your DX programs."

All time E.S.T.

DX GLEAMINGS

By Bob Weaver

IT'S IN THE NEWS that...KELA, 1440 kcs., Centralia, Wash. has been testing between 4:00 and 6:00 A.M....Calvin S. Hall, Esq., Judge of Superior Court at Seattle, recently forbid a jury to listen to any radio broadcasts, particularly news broadcasts connected with a graft trial. He said it might affect their decision were they to hear any such programs. ...the Don Lee-Mutual may build their own studio in Hollywood, if present plans fall through...On Nov. 2, WPEN, 920 kcs., Philadelphia, discontinued the use of its WRAX outlet. At the same time WPEN jumped its daytime power from 500 to 1000 watts...CKNX, 1200 kcs., Wingham, Ont., increased from 50 to 100 watts last week...CJGX, 1390 kcs., Yorkton, Sask., are now operating on full time sked...Owing to inclement weather construction on the new 50,000 watt, CBL, has been delayed and the station won't be able to take the air before Dec. 1...Three television

(Continued from third Page)

stations have been promised for Germany, to be in operating in 1938...

All time E.S.T. CALL FREQ LOCATION	DX CALENDAR FROM TO CLUB CALL FREQ LOCATION	All time E.S.T. FROM TO CLUB
	<u>SATURDAY, NOVEMBER 20.</u>	
KRLC 1390 Lewiston	3-4	
	<u>SUNDAY, NOVEMBER 21.</u>	
KVOR 1270 Colorado Spgs.	3-4 IDA WGTM 1310 Wilson	4-5 NNRC
	<u>TUESDAY, NOVEMBER 23.</u>	
KBIX 1500 Muskogee	5:30-6	
	<u>THURSDAY, NOVEMBER 25.</u>	
KADA 1200 Ada	2:45-3:15 KOKO 1370 La Juanta	3-4 NNRC
	<u>SATURDAY, NOVEMBER 27.</u>	
KRLC 1390 Lewiston	3-4 KWSC 1220 Pullman	3-5
	<u>SUNDAY, NOVEMBER 28.</u>	
WJBO 1120 Baton Rouge	2-4 KOH 1380 Reno	3-6 UDXC
FEAA 750 Mexicali	3-5 IDA	
WEWU DX TIP PERIOD EACH SATURDAY MORNING, 10:30 A.M. LISTEN IN!!!!		

NATIONAL POST OBSERVER REPORTS.

CARL FORESTIERI, Bronx, N. Y. - Reports that prevailing conditions have been very poor. He says he hasn't heard any new stations in over a week. WSAY have been testing frequently. WCOA in Pensacola were also on asking for reports. Carl also states that WAGA are on daily till 2 A.M., E.S.T.

HARRY F. HAWKINS, Manchester, N. H. - Philco 77 - CRCY heard on 960 kc. on the evening of Nov. 2, actually coming in better than XEAW. CRCY could not be heard on 1420 kcs., on regular sked. WJRD has stated in their verif that they now use 250 watts, but according to the FCC Bulletins they are only licensed for 100. The Cuban on 710 kcs. is CMBL, according to recent IDA Bulletin, and is old CMQ's xmtr under new call and on new frequency.

WALTER C. SNYDER, Grand Rapids, Mich. - Reports that on Nov. 6, the only station heard at 5:15 A.M. outside of the all nighters was WSUI R7.

J. WARREN ROUTZAHN, York, Pa. - Reports latest catches are; KLAH, KWOS, KSAL and KVGB. Nov. 2. KLAH heard with fair signal at 5 A.M. Nov. 3. KWOS heard at 2:04 A.M. WADC at 2:15; WNLC at 2:30; WJW at 2:31 and WALR at 2:35. Nov. 6. KSAL heard at 2:30; KVGB at 3:00 A.M. Nov. 7. KFI DX very good from 3:00 to 3:30. KGU good at 4:03; KIRO at 3:45 very good.

LAWRENCE LUNDBERG, Minneapolis, Minn. - Reports that he has been concentrating on the TP's and that thus far he has heard 3 Zedders and 4 Aussies. Thus far he heard 2YA on Aug. 23. 1YA on Oct. 5. Oct. 22 he was able to get a 1 hour report off to 2NR; 2BL were R3-6; 3LO at 5:15 A.M. but very poor. 2CO on 670 kcs., logged at 5:30 with an R1-3 signal. KGU heard at 3:10 R6-7. WISN broadcasting special test on the 22nd at 3:25 A.M. R9. Oct. 28 - from 4 to 4:45 A.M. heard 3YA and they were from R1-5. This was my third Zedder reported this season. WRNL heard on 880 kcs., testing their new station, formerly WFHR at Petersburg. KEHE R6-8; KFRC R6-9; KFSD R6-7; KHQ R7-8; KMJ R7-8; KMTR R6-7; KXA R4-5; KFI R9; KFO R9. WISN again heard testing at 3 A.M. KGU R7-8; 4YA on 790 kc. logged at 4 A.M. R3. Oct. 29 - KVI testing at 3:55 A.M. KGU heard R6-7 at 4:00 A.M. Lawrence reports that his latest verifs are; WSIX, KWOS, KTEM, WCLE, WHK 2YA, KNET and XELO. He also reports that XELO use 50,000 watts power.

A. LEE ROULSTON, Plymouth, Mass. - Tells us that he is being bitten by the DX Bug all over again. Lee says that after the arrival of the baby daughter, he gave up DXing, but of late has been twisting the dials quite a bit. We want to thank Lee for having sent us the notice that he received from KFUD pertaining to their DX program on Dec. 4, and we do hope that Lee will soon resume his DXing activities in all their glory from where he left off about a year ago.

Part 1.

SW STATION LIST

Part 1.

Megs:	CALL	LOCATION	DIAL	SKED
26.40	W9XAZ	Milwaukee, Wis	_____	1.00 pm to Midnight
21.55	GCT	Deventry, England	_____	Irregularly
21.54	W8XK	Pittsburg Penna	_____	6.45 am to 9.00 am
21.53	GCSJ	Deventry, England	_____	6.00 am to noon
21.52	W2XE	Wayne, N.J.	_____	8.00 am to 10.00 am Sundays
21.47	GSH	Deventry, England	_____	6.00 am to noon
19.355	PMA	Bandoeng, Java	_____	Irregular
19.02	HC8PJ	Bangkok, Siam	_____	8.00 am to 10.00 am MONDAYS.
18.83	PLE	Bandoeng, Java	_____	Irregular
17.79	GCG	Deventry, England	_____	6.am to 6.pm - 9.pm - 11.00 pm.
17.78	JZL	Nazaki, Japan	_____	Irregular Testing.
17.78	W3XAL	Bound Brook, N.J.	_____	9. am to 9.00 pm.
17.77	PHI	Huizen, Holland	_____	8.30 - 9.30 am except Tue & Wed.
17.76	DJE	Zessen, Germany	_____	Midnight to 11.00 am,-
17.76	W2XE	Wayne, N.J.	_____	6.30 pm to 8.00 pm.
17.31	W2XGB	Hicksville N.Y.	_____	Experimental - am & pm.
15.44	XEBM	Mazatlan, Mexico	_____	Irregular (8-11 pm)
15.37	HAS-3	Budapest, Hungary	_____	Sundays 9. - 10.00 am
15.34	DJR	Zessen, Germany	_____	8. - 9.00 am --- 5.45 pm - 10.45 pm.
15.33	W2XAD	Schenectady N.Y.	_____	11.00 am - 9.00 pm.
15.31	GSP	Deventry, England	_____	4. -6.30 pm. ---- 9. - 11.00 pm
15.29	LRU	Buenos Aires, Argentina	_____	7. - 9.00 am
15.28	DJQ	Zessen, Germany	_____	m.night - 5.30 am - 8.45 - 11 am 4.45 pm -10.45pm
15.27	HI3X	Trujillo - Rep Dom.	_____	7.45 am to 11.00 am SUNDAYS.
15.26	GCI	Deventry, England	_____	noon - 4.pm - 9.- 11.00 pm.
15.24	TPA-2	Paris, France	_____	6. am - 11.00 am
15.24	W1XAL	Boston, Mass.	_____	10.30 am - noon, Sun. Irreg Tue & Thu.
15.23	OLR-5A	Prague, Czechoslov.	_____	9.30 - 11.30 am --- 2.15 -2.30 pm.
15.22	PCJ	Huizen, Holland	_____	Sun: 7-8am, Tue: 4.30-6am Wed: 8-11 am
15.21	W8XK	Pittsburg, Penna	_____	9.00 am -- 7.00 pm.
15.20	DJB	Zessen, Germany	_____	M.night - 11.am - 4.45 - 10.45 pm. -
15.19	VE9HS	RMS Nascopie	_____	Irregular (3. - 7.00 pm)
15.18	GSO	Deventry, England	_____	4. - 6.15 pm --- 11.30 pm. - 1.45 am
15.16	XEWV	Mexico City, Mexico	_____	Irregular (9.am - 6.00 pm.)
15.16	JZK	Tokyo, Japan	_____	8. - 9.am, 3. -5. pm. 12.30 am -1.30am
15.16	SBG	Motala, Sweden,	_____	Irregular , (try about 4-5 pm.) off
15.155	SM5SX	Stockholm, Sweden	_____	11.00 am to 5.00 pm Irregular.
15.15	YDC	Bandoeng, Java	_____	5.30 am - 10.00 am, 10.15 pm. - 2.00am
15.14	GSF	Deventry England	_____	9.30 am - noon. -- 4.- - 8.30 pm. -
15.21	HVJ	Vatican City Italy	_____	Off air at present,-
15.11	DJL	Zessen, Germany	_____	8. - 9.am, 11.30 am - 4.30 pm Sun 6-8am
14.97	LZA	Sofia, Bulgaria	_____	5.- 6.30 am,- Sun: M.night to 5.00 pm.
14.93	PSE	Rio de Janeiro Brazil	_____	WED. 3.45 - 4.15 pm.- only.
14.355	HBJ	Geneva, Switzerland	_____	Sat. 6.45 pm - 8.00 pm.- Urtil Dec 12th
14.16	HI-1J	Dortrecht, Holland	_____	Irregular (3.pm)
14.03	EA9AH	Tetuan. Span Marocco	_____	English: 4.45 pm 8 pm 10pm ab late MN.
13.635	SPW	Warsaw, Poland	_____	6. -7.pm. Sun: 6 - 8.00 pm.
12.485	HIN	Trujillo City, D.R.	_____	Irregular,-
12.30	CEB	Santiago, Chile	_____	5.00 pm - 10.00 pm. -
12.23	TFJ	Reykjavik, Iceland	_____	1.45 pm - 2.30 pm. Sun on.
12.07	RNE	Moscow, U.S.S.R.	_____	Su, Mo, W, F. - 4.-5.00 pm. SU: 6-7, 10-11.
11.97	HI-2X	Trujillo City, D.R.	_____	8.00 - 9.15 pm. Tue & Fri.
11.90	HP5I	Agudulce, Panama	_____	7.3- - 8.30 pm. .

To be Continued : Nov 24th. 1937

Send your reports on reception to: Mrs Carl Eder, Pouch A; Willmar, Minn, U.S.A.

SW NOTES OF INTEREST

Page 6

By: Anne Eder, Pouch A; Willmar, Minn, Short Wave Editor - - - November 13

Klipheuwel - is still one of the outstanding stations received with very good signal Comes on the air at 11.45 pm EST on 9.61 Mc. you can hear the carrier a few minutes - before that, Bugle call opens the program which is followed by setting up exercises. a short intermission takes place shortly before midnight exactly at 12, bells are heard and a chimes strikes 7, 7am there, setting up exercises alternate with musical selection and later market reports on produce ets are given, the program winds up with another bugle call at 12.45 am.- Send your reports to : South African Broadcasting Co Ltd, Box 4559, Johannesburg, South Africa.- (They are not on on Saturdays).

TGWA - Guatemala City, Guatemala,- is now heard mornings on 11.76 mc, and evenings on 9.685 mc, signals are much better on the later frequency than they used to be on 9.45 mc. They are not broadcasting on both waves at the same time, so if you dont hear them on one, try the other. Reception is good here, and so are the programs, asking for reports.

HJ7ABD - Bucaramanga, Colombia, 9.63 mc announced that beginning with Monday Nov 8th. they would aknowledge reports over the air, at 10.30 pm. but did not come on with them until 11 pm. Our Member Lawrence Lundbergs name was mentioned at 11.32 pm. Morday night. Verifications have been allready sent out to some listeners. reception is much improved now.

EAJ43 - Radio Club de Tenerife, Apardao 225, Santa Cruz de Tenerife, Canary Islands, 10.37 mc, transmits in english at 0020 to 0100 GMT.- a letter accompaning verification reads as follows : We have the pleasure in sending you our verification card herewith, in reply to your steemed control of transmissions made by this station, serving the National Cause of Spain under the orders of Generalissimo Franco. We hope you will contuine hearing us daily and receiving from us the authentic news about the situation in our contry. Long live Franco, God bless Spain, - yours faithfully ----- . Some DX'ers claim this is same as Radio Salamanca, no mention has been made, on an earlier broadcast of the later it was announced , as Radio Salamanca . at Salamanca , Spain.-

XOGX * ; has been located on Ma.9.80 ; it was heard on November 7th ; 6.50 am speaking in chinese, 6.55 - am Native musical selection - 7.32 Gent speaking in english, this is right between CQCQ 9.78 and COOM 9.83, the later was hetherdining Nanking badly, reception was not good enough for a report.-

CXA-8 - Colonia, Uruguay, relays LR-3, Buenos Aires, up till midnight,- was heard here 6.30 - 7.00 pm. Reports should be sent : Radio Belgrano,- 1841, Buenos Aires, Argentina. IRC are no good in Argentina, and we suggest that you send a dime instead.-

Radio Liberte , 9.52 mc, is on irregularly evenings around 7 pm.- they appreciate reports and verifications come promptly.- No call letters are given over the air, but on verie they are shown,- it is a unusual card, and the letter we received was postmarked " CHICAGO", Adress your reports . Radio Liberte, 10. Avenue de Liberte, Becon les Bryeres France, - Owner states he collects stamps and Hotel labels. - and is pleased to hear from listeners in the U.S.A. -

ANNOUNCEMENT :

Until we have more reports from our members, we will alternately change off with the ROUND-UP and - SW Notes of Interest. A station list also will be on installments. Dont forget your reception reports, Your CO-OPERATION and Interest are appreciated.

* Interesting Articles

By Arthur J. Parfitt *

* From Members Letters

OUR MEMBERS' TELL ME

2067 P83 Cleveland O *

More than 44,000 thunderstorms occur throughout the world each day.
(What not even one day off? Ed.) - Olive Johnson

The coldest temperature ever recorded was 90 degrees below Zero at
Verchojansk, Yakutsk, U.S.S.R. (Siberia) February 5th to 7th 1892. - H. Burstrom

It has been stated that the temperature in our own United States
reached the all time low of 66 degrees below Zero at Riverside, Yellowstone
National Park, Wyoming on February 9th 1933.

- Harold Burstrom

Many lightning strokes are multiple in character, discharges fol-
lowing in the paths of their predecessors in rapid succession.

- Olive Johnson

A new method of protecting the airplane pilot's direction-finding
"radio loop" from rain, snow and the hazards of temperature variation has just
been announced by the research department of the Western Electric Company.

It was said, New tubing obviates the chance of the loop's being
effected by the elements or developing leaks in temperature variation.

- Art Parfitt.

We are told that the average flash of lightning has a duration of
approximately Five Millionths of a second and the average horse power is around
25,000,000.

- W. Ferguson

Scientists believe that Birds often sing many notes that are too
high in the scale for the human ear to hear.

- Olive Johnson

We have also been advised that the National Broadcasting Company
has just obtained the following Canadian outlets CBM 1050 Kcs 5,000 Watts,
CFCF 600 Kcs 500 Watts and last but not least the ALL FRENCH brand new
Canadian Station CBL at Hornby 910 Kcs 50,000 watts. This will give the NBC
the best possible outlets in the most densely populated area of Canada.

- Art Parfitt

The Sun's energy which is received by each square foot of the
earth's surface in a year, if used in a perfect solar engine, would hoist a 100
ton weight to a height of almost a mile !

- Harry M. Gordon

IF YOU enjoy reading these little items on Radio, Electricity, and
weather odities we shall be more than happy to continue this feature for you.

Won't you NPC Members help me keep this Department going by sending
in all the articles of interest you run across in your daily reading and corres-
ponding ? I will give you full credit for all items published. Let's see how
many names we can find in Next Week's Issue of the NRC DX News, Come on who's
first? I'll write 'em up as they come in. Send all material to above address.

A. J. PARFIT T

THE BUCKEYE OBSERVER

CLEVELAND OHIO

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All other Countries which
are not in above lists.

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- Bolivia
- Brazil
- Canada
- Canary Islands
- Chile
- Columbia
- Costa Rica
- Cuba
- Haiti
- Honduras
- Labrador
- Mexico
- Morocco (Spanish)
- Newfoundland
- Nicaragua
- Panama
- Paraguay
- Peru
- Salvador
- Spain & Colonies
- United States
- All Possessions
- Uruguay
- Venezuela

LETTERS

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POSTAL CARDS

TWO CENTS

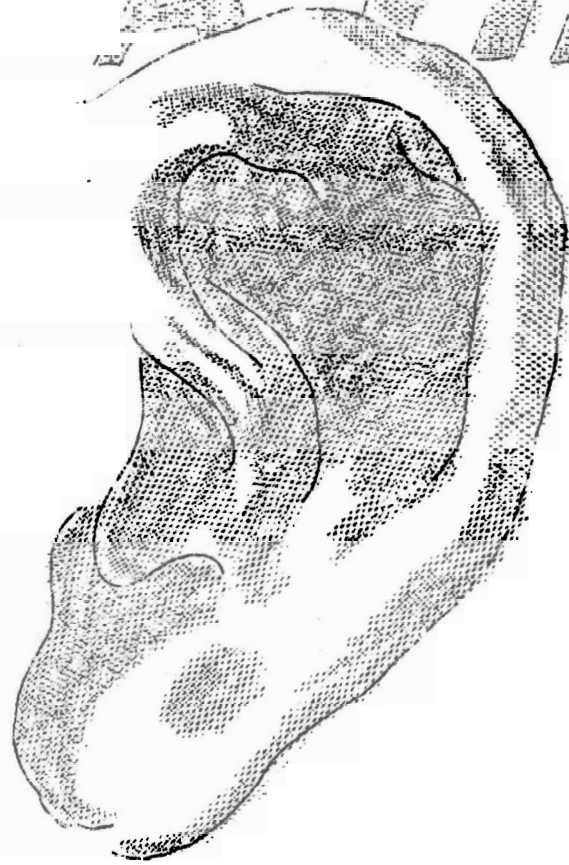
All Countries taking the 3¢
letter rate.

POSTAL CARDS

THREE CENTS

To All other Foreign
Countries.

A TIP!



Y E S S I R : H E R E I T I S

Our 1937/38 Membership Drive Contest
starts with.
November 17th-1937

***** R E W A R D S *****

FIRST PRIZE : FIVE DOLLARS IN CASH:
to the member securing the largest
numbers of new Members,

SECOND PRIZE : Two fifty in cash for
the second highest number of new
members,

THIRD PRIZE : One fifty in cash,

FOURTH PRIZE : and FIFTH PRIZE ; one
year extension of your membership
free.

YOU- HAVE THE OPPORTUNITY to be one of the lucky winners, get
that early start, closing dates will be announced later, -As the prizes
put up by the officers, they are not eligible for prize awards.
The chance is in your favor if you act NOW. Drop us a postcard of your
intentions to enter the contest, we immediately will send you special
application blanks for the contest. That's all that is necessary to get
you started, Sign your name on them and pass them out to your friends
and DX pals. Sample bulletins of course will be mailed to all prospects
free of charge, we will assist you in every way to help you win one of
the prizes. We are trying to give you the very best a DX club can offer,
all we ask of you is a little cooperation. Let that Club Spirit lead
you to success, Dont forget to drop us that card with your entry in the
contest so you will have the application blanks for an early start.
Best of luck to you all, Are Y O U going to do your bit.

Sincerely yours.

Harry Gordon-