thru How to Listen is the Wart

C. Verman Hyson

NNRC

THE PIONEER DAYS

NNRC

By Carroll H. Weyrich 2411 Cider Mill Road, Baltımore, Md. 21234

From Steve Johnson, Havre de Grace, Md. comes word that this is his first report to the NNRC BCB column. Steve mentioned that during the summer of 1938 reception was good as he heard 123 stations between April 2 and August 26. Best were KGB, KPMC, KSAL, KFBK, KGA, HOY, KYA, KID, KWSC, KFAC, KRGV, CKY, CMBH, KWCS, WSYB, KATE, WCAX, KRIS, KLRA, KSOO, KSCJ, KGBX, WRDO, KVOX, KFFW, KNET, WBBZ, KRBC and CFCY. From September 2 on another 110 more have been heard. On Nov. 26, HJlABN on 1190kc. was heard with an R8 signal when they were not overpowered by WOAI. Steve also mentioned that CMX Havana is on 880kcs.with 900 watts announced power. On SW Steve has heard XGOY two mornings on 9.500mcs. signing off at about 0400.

Mrs. Grace L. and Frank Simpson, Montclair, N. J. report three new ones- KUTA and KYSM on December 9, and KVRS on December 10th......Jack Siringer, Lakewood, Ohio writes that he has a long way to go to hit 100 countries verified on SW as he has 81 to date. His VAC rating is 13. Jack prefers SW DXing, but on BCB he has a total of 625 stations verified. Reports out include YVIRF, YVIRE, LS2, LR3, LR_, HJ3CAD, XEBZ and KDON.

From Earl Roberts' High Frequencies, John May, Wilkinsburg, Pa. received a verification from Radio Hanoi II on 11.900mcs., 100 watts. The verification also stated that Radio Hanoi I operated on 9.510mcs. with 15 watts......Also John May reported that he had received a verification from the sister of VQ8AE at Phoenix on the Island of Mauritius, Indian Ocean. This is one of the rarest veries reported in the columns. John's VIC is 122 countries verified including 74 from Asia and 86 from Africa.

Bill Goff, Rutherford, N. J. reports that he has heard LRA on 750kc., Bordeaux on 1077 and Rennes on 1040kc. together with XEQ on 710kcs. Bill added that as you can see, I do DX once in a while despite what the hecklers say.

In High Frequencies, Leo Herz, Chicago reports reception of EASAE Las Palmas, Canary Islands 7.200mcs. at 2300-2330 working South and Central American stations and a QSL from XZ2DY who uses a V Beam antenna. In the latest Call Book, the following hams were listed as not replying to SWL reports- LU7AZ, LU4BC and VPlBA.

George Jacobs reported that W8XO, 700kcs., 500,000 watts was testing the past few days between 0500-0530.......Dick Daneker, Lansdale, Pa. reported CX18, 890 kcs., Montevideo, Uruguay 0230-0330 on 12/29/38 good on his 6 tube Grunow; also LRA on 750kcs. until 0330......Harold L. Hutton, Rome, N. Y. reported that CHSJ comes on the air at 0500 for about 3 minutes with a weather forecast, expecially for fisherman. Also that KANS and KWTN were asking for reports promising to verify.

Joe Lippincott, Vassalhoro, Maine wrote, "Don't think always that the high-power TAs are heard best. Recently a firend heard the 250 watt Dresden station R9 with the other Germans being weaker. A couple of 100 watt Belgians were heard the same morning. Sometimes the skip is right for the higher frequencies and sometimes for the lower. The morning I heard Bordeaux on 1366kc., TA reception wasn't very good. I heard Paris on 959 and Rennes on 1040 but came upon 1366 purely by chance as it was coming in R6 when I tuned and I had just heard Fecamp R8. Two minutes later Fecamp was R3 and all other TAs had faded out. I was lucky to hear 1366 since the skip just happened to change right there. Several times recently I have heard the TAs better at 0300 that at 0200 when I would expect them to be good. The best TAs here seem to be on 648,749,695,776,1040,1077 and 1411 with 785 the best German."

THE PIONEER DAYS and document of the PIONEER DAYS

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By Carroll H. Weyrich 2411 Cider Mill Road, Baltimore, Md. 21234

On December 31, 1938, Director and Mrs. Russell N. Johnson, Saskatoon, Sask. announced the arrival of young Sheila Barbara with the report that the father was doing as well as could be expected.

Radio Normandie was reported operating on 1095kcs. according to the International Broadcasting Co., 37 Portland Place, London, England and their schedule was from 2 to 6:30 AM Weekdays and 2 to 6:45 AM Sundays. The IBC stated that all reports would be welcome. The IBC also listed Post Parisien, 60KW, 959kcs. as transmitting daily from 2:15 to 6:15 AM. This information was submitted by A. L. Von Cannon, Richmond.

Chairman Joseph Smith of the DX Qualifocations Committee announced that Past Master Certificate #132 was issued to Frank Pytlak of Wallington, N. J. Frank also received Ace Cerificate #183.

From the columns of Earl Roberts' High Frequencies it was reported that a new high power radio station would be constructed at Dakar, French West Africa. This would be the third big French station in Africa and would be a link in the chain designed to offset Arabic broadcasts made by other powers.Earl also reported the following new stations heard in Indianapolis: OAXLA; GÓUS; K5AN; G2TW; LA4K; F3DY; and YV3RX (BC). Earl also reported that VK2AGP sends a nice light blue card with red call for 20 meter reception.

Bob Botzum, Reading, Pa. reported that the TSs were beginning to come through as he heard Toulouse(776) and Strasbourg on January 7 and again on the 10th together with Poste Parisien, Bordeaux, Rennes and another weak one on 749kcs. Poste Parisien was the strongest with Toulouse a close second. All were heard between 2 and 3 AM.

Bill Bauer of Baltimore listed XEL, XEN, XEDA, XEB, WCOU, KRIC, WSTP, and KITE as his latest catches. Verifications from KRIC and WCOU brought Bill's total to 655. He also has 100 verifications from amateur.

Jack Schneider, Garwood, N. J. reported that KRBC was his 1000th BCB station on the morning of January 9, 1939. Since a previous report, Jack has added CJBR, CMBF, CBV, WGAN, Toulouse, WCOU, KVGB, KPAB, KDNT and KRBC.

Back in February, 1939 the following German Short Wave Stations were broadcasting: For North America: DJL;DJB;DJD;DJZ; and DJM. For Asia:DJA;DJR;DJQ; and DJN. Also for Asia DJE and DJS. For Africa: DJL;DJX;DJD and DJC. For South America: DJJ; DJE; DJN and DJQ. For Central America: DJB and DJA.. Many old-timers will recall that the DJ- stations used nearly every letter of the alphabet and when they were used the prefix became DZ- with all of the letters. Your editor recalls those days and tried to obtain a verification from each one heard.

Really going back in time, September, 1926 to be explicit, following is a list of the stations broadcasting in Cuba at that time: 7SR Elia; 6BY Cienfuegos; 8BY in Santiago; 6JK and 6KW Tuinucu; with Habana having PWX; 2BB; 2BY; 2EP; 2HP; 2LR; 2MG; 2OK; 2OL; 2RK; 2TW and 2UF. The most consistently heard and reported were PWX and 6KW. PWX was owned by the Cuban Telephone Company and 6KW by popular Frank H. Jones. Mexico in that same year had FAM Guadalajara; CYR; Mexico City had CYA, CYB, CYH, CYL, CYO, CYX, CZE; also CYM Monterrey; CYF Oaxaca; CYU Puebla; CYQ Tampico; CYC Veracruz; and CYY Yucatan.

This about covers everything for this issue and we would like to hear from you old-timers from 15 years as a member and over. There are many names I now pick that are no longer members, but they had their experiences. Best wishes for a good DX year.

unspeakable (the FCC may be listening) adventure around the first of the year.

20 Mr. & Mrs. Richard Labate

WEST MEMBERS (Continued from page one)

THE PIONEER DAYS

By Carroll H. Weyrich 2411 Cider Mill Road, Baltimore, Md. 21234

Back in the February 6, 1939 issue, Don Hill, Broken Bow, Neb. wrote, "Purchased a new set just before the January FCC checks and DXing has really been good since ' then. The new receiver is amodel 62-651 Airline 6-tuber, one being the electric eye. Five of the tubes are glass and one is metal. With this set I stepped right out and got several stations I only thought about with the old receiver. The first night I brought in WCOU and WIP. Then during the checks I loggedKSAN, KVRS, KFAM, WDAN, KOCY, WJTN, WMBG, WSYB, KWJB, WGBB, KSAM, WGTM, WHMA, KPFA and on the morning of January 16 I picked up WCOV and KTSW to bring my total of heard stations to 961. Have received 16 veries so far to raise my verified log to 787. One was from XEFE verifying reception of March 5, 1938. Tried for those stations in 'The Parade Across Mexico' but with no success except for the ones I heard last year." 3 Mr. & Ars. Thomas M. Ray, Jr.

In Earl Roberts' High Frequencies column, a letter from Berlin, in reply to reports on DJA, DJN and DJX, brings information that DJX was formerly DZA..... Mrs. Mary Page, Tulsa, Okla. wrote that she had a card from K7FST Kotzebue, Alaska giving his location as 40 miles from East Cape, Siberia, 300 miles north of Nome.

Also during this period member were asked to be of service to one of the best friends of the Club, Jack R. Poppele, chief engineer of WOR. Two stations, XEQ and CMKS of Mexico City and Guantanamo, Cuba respectively were transmitting on the same frequency of WOR, 710 kcs. Jack desired to know the extent of interference that WOR is receiving in various parts of the country and asked that WOR be monitored for a while and then write him at WOR listing the results.

From High Frequencies, the Department of Commerce Bulletin listed a series of new prefixes recently assigned to Japan. This was due to a sharp increase in the number of private radio sets on fishing craft which has boosted the total number of public and privately owned stations to 3400. The new prefixes were EK, EM, EN, EO, ER, EU, EV, EW, EX, EY, HG and HN. Quite a departure from the familiar 'J' prefix.

Ben Feinstein, Newark, N. J. wrote, "Due to the fact that my job keeps me hustling from dark to dawn, I haven't done much DXing this season; however, I expect to be able to make up for it next year. Glad to see the UDXC has joined hands with us and hope its former members will stay with us a long time. I note in the bulletin that Ray Edge, our Buffalo copper, is sure going to town with his DXing but I will give Ray something to shoot at next season. My log includes 634 heard and 604 verified stations, while on SW I have heard 924 and verified 587 for grand totals of 1556 heard and 1191 verified." Little Neck, N.Y.

From High Frequencies, Joseph T. Lippincott, East Vassalboro, Me. using an HRO receiver has logged a number of Africans lately: ZS5BE, ZS6AJ, ZS6DY, ZS6DK, ZS6CN, VQ2PL, VQ2HC, ZS6S, ZS6BB, ZS5CL, and ZS2AZ, the latter one at 3:10 PM. Charles Lebceuf, Webster, Mass. has recently heard the following stations from 5-5:30 PM- TG9AA, ON4RI, G5YV, G5BY, F8GM, G3DH, G8WS, G8NX and G6WU; GM3TR in the Orkney Islands was heard from 7-8:30 AM..... Frank Macolly, Philadelphia, Pa. reported LA4A, FA3HC, F8QD, G5JL, G5ZG, G5Zk, G3II and G5YV. CY8J 2.345mcs. is a new police station at Port Arthur, Ontario. KYZS, KYZK, KYZG, KYZD, WIDP and WIDM were also logged Art Foerster, Indianapolis, Ind. claimed reception of ZL2BG, 28.180 mcs. at the unusual hour of 230- 2:40 PM on his SX-17.

From the September 1926 issue of the Citizens Radio Call Book station KDPM was a Westinghouse station located in Cleveland on 270 meters....AT-9 was the US Army station at Fort Bragg, N. C. on 434 meters and broadcast on Tuesdays, Thursdays and Saturdays from 8 to 9:55 PM..... NAA was the Naval Radio Station, Arlington, Va. and broadcast on 690kcs. Their Slogan "Where the Time Signals Originate".

THE PIONEER DAYS

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By Carroll H. Weyrich odrew P. Hill, Red Bank, N.J. ers and one of its most 2411 Cider Mill Road, Baltimore, Md. 21234

still keeps abreast of what is being heard, and by whom, through continued membership Back in March, 1939, Steve Johnson, Havre de Grace, Md. wrote, "DX has been very goo the past few months. Since November, 1938, 145 stations have been heard including CMHI, CMOA, CMCU, CMHW, CMBG, CMJF, CMKW (830kc.), CMRT, CMKM, CMJW, CMCQ, all in Cuba; the Canadians CJBR, CKCH, CHLT, CJCA, CHSJ, CKPR, CFAC, CHRC and CBR; and these Mexicans XEDA, XEQ, XEJ, XEN, XEBZ, XEDH and XECL. The best catch of the period was KHBC, Hilo, Hawaii signing off at 0400 February 5. Three South Americans were also logged: LRA Buenos Aires on 750kcs.; CX18 Montevideo, Uruguay and PRF-3 with their NNRC-NRC program 1/22/39. Grand total of stations is now 632 heard and 79 verified with 32 of 46 states heard verified. The two states missing are Montana and Wyoming." shared water wer a railable addition to the pos

On the High Frequencies, Roger Legge, Binghamton, N. Y. said the most unusual station heard the past week was LU4EL, 28.15 mcs. operating portable in an Oldsmobile Sedan surrounded by buildings and trees. He stated a small piece of wire running from bumper to bumper was being used for an antenna. Others heard by Roger were: ZS6Q 28.15 at 1240; ZS2BB 14.07; ON4EJ 28.3; ON4NO 28.1; G6JL 28.1; VK2ALU 14.08.. Fred Alfred, London, Ont. reported veries in from VUM2; GM8MN; HClPM; OAX4J; HJ3CAX; YDB and CB970. VIC now at 63......John DeMyer, Lansing, Mich. says the latest cards are from ZS6BB, ZS6BR, ZS6DL, XTJ, CX2CO and OH2OI..... Birely Ross, Austin, Tex. reported that QST and Radio gave the following calls as unusual hams on the air: YM4AA, LF end of the band; VQ4CRE; ZC6EC; VQ3TOM; KG6NVJ; KA7EST; KA3DT; J8CA; CT2-AB; CT3AB; AR8VP; ZD4AB; VK9VG; VK9CL; and VK9XX.

Wilmington, Delaware thru 5-9 Magaz Bob Botzum, Reading, Pa. reported that the TA season was about over and that he was able to log only 5 Europeans- Toulouse, Marseilles, Alpes-Grenoble, Nice Cote d'Azm and Sottens. Reports were out to TIXD, HJlABN, 4AK, 3SR, 2GZ, LT-1, XEM, KVNU, KPPC, CHGB, CMKZ, CMJW and WJLS......John Tweedie, Oakhurst, N.J. reported the following new catches: KYSM, KDNT, KPAB, KWOC, KALB, KWNO, KDAL, KFAM, KTOK, KGFL, KBIX, KOBH, KITE, KGFW, KWJB, KSAM, KUTA, WSLI, WMRO, WGIL, WSAL, WBRY, WSGN, WDAN, WHMA, WHLS, WCOV, WHIP, WDWS, WSAY, WSTP, WHAI, WGAU, WKST, WJLS, WJMC, CMBF, CMRT, CMHJ, CMHM, CMJW, TG-1, CBM, XEDA and PRF-3. Mrs. Grace L. and Frank Simpson, Montclair, N. J. reported reception of WJHL and WJLS on their initial tests and WJMC testing the morning of March 5, 1939.

On High Frequencies, Jimmy Hart, Newark, N.J. advised that FZR3 answered his his request for a verification by stating that they were not on the air any morning at 1000 EST on 16.23 mcs. The station heard used a peculiar 5 note signal and the announcer called France intil 1015. Jimmy would like help on this one. Verifications were received from HRN; XTJ; SUV; LKC; Salamanca, Spain; VP3BG; CB1180; FNSK and two from VPD2 Suva, Fijis, one direct from Suva and the other from the main office in Australia......Charles Leboeuf, Webster, Mass. logged the following 20 meter hams PAØDR, F8TU, FA8QC, FA8CF, FA3QV, CN8DD, CN8AB, VPLWB, G3QO, GW5PH, VP9X, YN1-IP, HK3CL, HK3CW, CT1PW, LU8AG, LU1DA, and EK1AF, the new prefix for Tangier.

From Who's Who In the NNRC by Harry Varrelman in the March 27, 1939 issue of the bulletin we read about Frank Pytlak, Wallington, N. J. Some of the excerpts on Frank are that he was born in Ludlow, Mass. and lived in and near Chicopee until 1929 when he and his family moved to New Britain, Conn. Eventually Frank moved to Passaic and in the ensuing 4 years worked at Garfield, N. J., White Plains, N. Y. Cold Spring, N. Y. and back to Chicopee and Holyoke, Mass. He finally returned to N. J. and landed a position with the U. S. Rubber Co. Frank has lived in many towns had many jobs and has done about everything there is to do. He used to be quite an athlete- a marathon runner and boxer. He boxed as an amateur for three years in New England, had 81 fights and won 39 by KOs. As a pro, Frank fought 70 battles in two years and after an up and down career decided to retire when he discovered that his several managers were rushing him too fast and using him for a meal ticket. Frank became interested in radio back in 1923 and one of his biggest thrills was tuning in his first station on a homemade set and an old telephone headpiece. He joined the NNRC in 1934 and has never regretted it Best to everyone and good DXing

THE PIONEER DAYS

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From the pages of the April 3, 1939 issue, John T. Tweedie, Oakhurst, N. J. listed his recent additions as KOME, KWEW, WPIC, WGRM, WEMP, CJBR (at 1830), WGAN, KLBM, KSAN, WCLE, WJHL, KHQ, WRAL and XEMX. Also heard was WEST at 0200 on 3/18 with an FC.

On High Frequencies, Birely Ross, Austin Texas listed K60JI and K6ACG on 75 meter fone and quite often hears KF6DHW Canton Island 8.100 mcs. at 4AM with heavy fading. Best Africans heard lately included ZS5CJ, ZS5CM, ZS6DW, ZS4H, and ZS6S but they are starting to fade out now......Earl Roberts, Indianapolis, Ind. was quite surprised to tune in VU2CQ, 13.990 mcs. Bombay, India at the very unusual hour of 4:51-4:56 PM while the operator gave two CQ calls with no results. Earl commented that the call was so loud that he suspected the call may have been pirated.

Don Hill, Broken Bow, Neb. wrote that DXing was swell the night of March 13 when 5 new ones were logged- KLBM, CKTB, WJHL, WMFR and WLOK. Hoped he would hit the 1000 mark any day....... Howard Kemp, Waterbury, Conn. reported his latest veries from PRF3 with a view of Sao Paulo, a travel booklet of Brazil and clippings about the program of 1/22/39; and KORE another 2,000 miler. Latest catch reported HJ1ABN on 1190kcs.......Dick Daneker, Lansdale, Pa. reported that he had letters to 22 new countries on the High Frequencies and that he hoped to raise his VIC as soon as they start coming back. Amateurs reported were: G3PS, VP6YB, SV1KE, EI2L, SU1MW, VK4JP, CN8AU, VP7NS, Gm2UU, VP1WB, YN1IP and CX2CO.

An announcement was made in the April 24, 1939 issue regarding a DX program to be broadcast by WKRC, 550kcs. Cincinnati, Ohio from 0300-0500 on May 21. This coming program attracted the attention of Eddie Cantor who asked that his theme song be played and dedicated to him. Additionally, a composer of several late song hits has given his song "Talking To The Moon" to be introduced to listeners on this program. WKRC will use 5000 watts power instead of its usual 1000. The program was going to be sponsored by the Cincinnati Chapter of the NNRC.

In High Frequencies, Jesse F. Smith, Philadelphia, Pa. was the first to report a new Navy prefix for Cuba. NY4AB, the U. S. Naval Station, Guantanamo Bay, was heard on the HF of the American band at 0710. Another new station HK8HA, the first HK8 to be reported was heard on April 11. Other stations logged by Jesse were HP1A, EK1AF, TG5JG, CW 5PH, VP3CO, K4MEG, TG9AA, F3CA, NY1AA, VP5GR and VP5RS.

THE PIONEER DAYS ON GOR TOWN AND WINGS ON THE PIONEER DAYS

NNRC

By Carroll H. Weyrich 2411 Cider Mill Road, Baltimore, Md. 21234

From the pages of the June 15, 1939 issue, we note that the Board of Directors held its June meeting at the home of Vice President and Mrs. Lloyd S. Hahn of Baltimore on Saturday, June 3. In attendance were President Irving R. Potts; Vice President Lester Kraemer; Secretaries Peter J. McKenna, Joseph F. Smith and John Sanderson; Treasurer Bill Schweitzer; Directors John W. Reichert, Jack B. Schneider, Al Stansfield, Milton W. Fleischman, all of New Jersey; George Nahas, Brooklyn and a Monumental City delegation including Publicity Director Barney W. Ahman, Phil Hahn, Dixon Russell and your editor.

Director Ray E. Everly, Newton, Ill. reported that he wound up his DX season with KELA, WCOV, WJLS, WSNJ, KLBM, KOWH, WRAL and WLOK......Tom Denny in Indianapolis wrote that he expected to move and hoped it would be a better location, although Tommy did not do badly at the present one.

On High Frequencies it was reported that a new series of calls were assigned to the Daventry stations starting with GRZ, 21.640mcs.; GRY, 9.600mcs; and GRX, 9.690 mc. MTCY 13.53 and 15.200 mcs. Hsingking, Manchukuo was heard testing between 0400-0500. HNF Baghdad, Iraq shifted frequency to 9.690mcs. amd is heard between 1000-1500. CR6RC 11.740mcs. Loanda, Angola heard on Tuesdays from 1445 to 1530 signoff. CRY9 6.080 mcs., Macao, Portuguese China operates Mondays only from 0830-1000.....Also, on High Frequencies WCBN, 17.310mcs. Aboard the Atlantic Clipper was logged by Nick Hock on 6/18 from 1008-1026 while making its first Trans-Atlantic flight. This station was also logged by Earl Roberts at 1937 while 850 miles from New York in contact with WKD and WEL.

Other unusual stations during this period were WlOXDA aboard the ship Effie M. Morrissey has been granted permission to use frequencies 6.425, 8.655,9.135,12.8625, and 17.310 mcs. with 100 watts power.....KBKC Columbia Broadcasting System aboard the yacht "Geoanna" granted permission to use 4.7975, 6.425 and 8.655 mcs., 175 watts. for the period July 1-25 for relay broadcast of a series of special programs incident to the Honolulu Yacht Regatta to be broadcast by KNX. Amateur station W6LS was licensed to operate for the Columbia Broadcasting System as a relay broadcast station on 4.7975, 6.425 and 8.655 mcs. with the call KAAC for the period July 1-25 for the purpose of establishing the necessary cue circuit for a series of program incident to the Honolulu Yacht Regatta.

Frank Pytlak, Wallington, N. J. reported that he had logged the following stations; HJlabn, WCOV, KSAL, WSTP, WHIP, CEDH, WMFG, KFAB, WGAU, KUSD, KVNU, LR3, CMC, WJLS, XEM, KOM E, WEMP, KUTA, WEAU, KPAC, WHMA, KLPM, KYSM, WBRK, WSJS, KFAM, WRAL, WATR, WBTH, KGB, KID, CBA, KOAM, WLOK, WJRD, WPRA, KWJB, WCOP and WJAX. Also added was YV5RA on 960kc......

Clair Stahler, Richlandtown, Pa. wrote this was his first report and that DXing had dropped to a new low. Stations heard were SBP, Sweden, KZRM, Philippines, XEXA and W6XDE at the California Exposition all on short waves. On BCB- KFXJ, WRGA, KFNF, KTSW, KSAL, KWKH, WTAG, KFAM, WRAL, KOCY, KLBM, WNAX, KSVB, KIRO, WJMC, KVRS, LRA, CKTB and Poste Parisien.

From the September, 1926 issue of Citizens Radio Call Book the following stations were listed for New York City- WBAY, WBNY, WDBX, WEAF, WEBJ, WEBL, WEBM, WFBH, WFBM, WGBS, WGMU, WHN, WHAP, WIBT, WGCP, WJY, WJZ, WKBK, WLWL, WMCA, WMSG, WNYC, WOKO, WQAO, WRMU, WRNY, WSAP, and WSDA. This was more stations than Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut and Delaware combined had on the air.

In closing, we wish Roy Waite a speedy recovery to good health again and we were truly sorry to learn of his illness.

Richard W. Britain

THE PIONEER DAYS

NNRC

to be commended for its keen By Carroll H. Weyrich 2411 Cider Mill Road, Baltimore, Md. 21234

During the month, stations reported to the High Frequencies' column of Earl Roberts included HAD 21.680, Budapest, Hungary from 1100-1300 by Roger Legge; HS6PJ 19.020 Bangkok, Siam Mondays 0800-100 by the Australian DX Club; DFB 17.520 Nauen, Germany by Earl Roberts; VUD4 15.290 Delhi, India evenings at 2103 by Earl Roberts; OLR5A 15.230 Prague, Bohemia at 0930 and again at 2000; TAQ 15.195 Ankara, Turkey 0530-0700; LKV 15.170 Oslo, Norway 0640-1000 by George Jacobs; SBT 15.155 Motala, Sweden in parallel with SBP 11.705 daily 1300-1715 by R. B. Oxreider, Canal Zone.

In the DX Tips column stations and tips included KECA 780 as changing to this frequency from 1430kc. taking over station KEHE and announcing as "KEHE the new KECA station on 780kcs. This reported by Jake Field, San Diego; WELI 930 as changing to this frequency from 900kc. by Stan Chrznowski, Waterbury and Frank Wayse; WCFL 970 heard testing in conjunction with KJR at 0410 by Frank Wayse; HRN La Voz de Honduras Tegucigalpa on daily from 1900 to 2200 by Art Parfitt, Cleveland; WNOE as the new call for WBNO by Dick Daneker; and WNYF 1630 testing with fireboats in New York Harbor at 1500 by Frank Wayse.

Also reported in Earl Roberts' column was that should you hear and log an LB call do not think it is a phoney as that is the prefix for portable stations in Norway. LB1BG, portable LA1G is reported in a British magazine. During August, 1939 station HB9CE will be operating portable in the small principality of Liechtenstein under the call of HBlCE, HBl being the Swiss portable prefix. Frequency to be around 14.400. A second Tangier station, EKLAA is operating with a 30 watt phone station irregularly.

A note from George Jacobs, Cincinnati, Ohio stated that the Cincinnati Times-Star in order to obtain war news and views that would be authentic, called upon the Cincinnati Chapter of the NNRC on Saturday, September 9, to help them determine if,-(A) Warsaw had fallen; (B) Germany had captured a Warsaw radio Station; (C) Germany had a new station on Polish frequencies. The members got busy and inside of an hour, the radio editor of the Times-Star had the report he was waiting for and were pleased with the results obtained. Waterford, New York

Robert M. Frieden Norfolk, Virginia A paragraph in Earl Roberts' column in the September 15 issue back in 1939 is quoted "With the opening of the new war on Septemberl, the SWL's will greatly miss the long familiar G, F and VK Calls that are now off the air. A large majority of the other British and French colonies may be expected to follow suit at any time. The South Africans were on the air for several days after the last VK QSO was heard but the past few days no ZS calls have been heard and we believe that they are also off now. VE's are expecting orders to dismantle equipment from the Government almost any day. Even the W's have been warned by the ARRL to be strictly neutral in mentioning news of the war." Bremerton, Washington

Marion, Kansas Dick Wright, Swarthmore College, Pa. wrote that On September 1 the BBC changed broadcastingin England and there it stands as when I left the country. All stations shut down except North Regional and Scottish Regional which broadcast simultaneously as the Home Service Program. The three Nationals on the broadcast band are still on. They relay Daventry SW for European listeners and constitute the Empire Service station. The long wave station is off but Daventry is going full blast."

From the High Frequencies column it was reported that XGX 11.900 Yunnan, China has now replaced XGOY bombed by the Japanese on September 3. English News read at o615 and 0900. This item by Charles Leboeuf. Also by Charles Lebeouf 'The German Freedon Sender: 10.052 heard around 1600. This station reported by Jimmy Hart on 9.921 from 1615 to 1652 saying "Down with the Gestapo and down with Hitler".

This about does it for this issue. We wish everyone a pleasant summer and hope you enjoy your vacation. This is the time for relaxation to open a new season later.

NNRC THE PIONEER DAYS

NNRC

ed not nedmen benonch aus as By Carroll H. Weyrich benon need 2411 Cider Mill Road, Baltimore, Md. 21234

Willerin, dill was right ready when we needed someone to handle both From the October 15, 1939 issue, Art Parfitt, Cleveland received a message from a correspondent, Bill Cooper in England saying that the war had made many things change. Radio being dead with the amateurs all off the air meaning that DX will not be worth looking for Phil Nichols, Hartford, Conn. forwarded a clipping describing the new system of 'frequency modulated broadcasting' as a great radio discovery. This system was instituted in WDRC's Meriden unit. The call of the station is W-lXFW. Ordinary radio receivers will be unable to pick up the station, but a special type is to be available at a future date. This new type of broadcasting will reduce static and distortion. The frequency used is 43.4 mcs. (Note: This is the forerunner of our FM broadcasting today) to Philip E. DeSilve

In the DX Tips column the following stations were reported: 160 - Netherlands heard at 1720; 172 - Moscow heard at 1820 by Joe Lippincott; 182 - Paris heard at 1746 by Joe Lippincott; 191 - Berlin heard at 1825 by Joe Lippincott. These are all long wave stations....On 1310 WMMI Huntington, W. Va. reported by Dave Thomas as on the air from 0630-2400 with news every hour on the half-hour.

James E. (Ed) Hill, Toronto reported that he had good success the last season adding 84 verifications to bring the total to 1013. Best of these were KHBC, KWLK, KSAN, KRRM, PRG2, KHUB, LRA, CJOR, KPPC, XEAA, Milan 814, Rome 1222, TG1, and KIBM..... Joe Lippincott, East Vassalboro, Mass. using a new Scott receiver heard KGU as early as 0200 on October 30 together with 16 TPs of which 1YA was the best reaching R6-7 at times. Joe also heard CKCK on 1010kc. sign-off at 0200 and logged what apparently were South or Central American stations on 625, 854, 882 and 1104kcs.

On High Frequencies by Earl R. Roberts it was mentioned that the NY4 district of Cuba at Guantanamo Bay could be counted as a separate country from Cuba. The Cuban Government refused to renew the license of amateur COSYB and he was assigned the new prefix NY4 and is now NY4AB licensed under the FCC.

#885 to Ross & Roberta Wheeler for 50 States, Am Art Parfitt, Cleveland reported that WNOE 1420 New Orleans, La. stated in their verification that, as far as they knew, they were the only station having the name of its owner in the call letters. Governor James A. Noe of Monroe, La. is the owner and operator of WNOE......Bob Botzum, Reading, Pa. reported that LR-6 and LR-3 carried the same program after 0300 on October 29, 1939

to Warren S. Studebaker for 50 Countries, SWEK In Earl Roberts' High Frequencies column it was reported that all of the South Africans were off the air having had their licenses recalled as of midnight, local time on October 29, 1939. This made the entire British Empire silent. Earl reported that all day he could hear the ZS stations making their final contacts with friends throughout the world. One chap put it that they were lucky for being on the air two months after the rest of the Empire had gone silent. Another chap mentioned that he had sort of felt guilty calling CQ while knowing that the rest of the Empire could not do the same.

On BCB, Phil Nichols, East Hartford, Conn. reported that Lyons la Doua on 648 and Rennes, France on 1040 were heard with a good signal November 12....LS10 Buenos Aires, Argentina on 1310 came through R6 on October 29 0300-0500....Phil Nichols reported that English stations on 668, 767 and 1149 all were good the morning og November 12, 1939. to Kevin Slater

#900 to Fred C. Chu

Ray Edge, Buffalo, N. Y. reported that he had sent reports to WGRM, WAAB, WFBL, KWK, CMBD, CFPL, WMIN, WOWO, CFCF, WDAY, WBBR, XEDH, TGW, KWSC, and WOWO. Total verifications now number 295 with 46 reports out. Ray uses a Scott which is selective enough to cut through locals and get stations on adjacent frequencies.

Yor 25 Zones, SWBC

for 6 Continents, SWBC

לא בואם בישתאל לוכים היום יום יום מעודה ומתונותם נוסד מחם מחם מחם בישת All for now and we wish everyone a pleasant summer.

NNRC THE PIONEER DAYS

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boowerdpinW to proof Was By Carroll H. Weyrich was abased 2411 Cider Mill Rpad, Baltimore, Md. 21234

to the Amateur Section of the Bulletin, Jim was recommended for this citation by our On the Ham Bands in November, 1939, Norman Kriebler, Ambler, Pa. listed his new DX as XULB 0745-0845; XU5CH; ZS4AA; K7HCX; HB9PC; KA4RP; XU8AM; PKLVM; CPLAA; and EA7BB......Roger Legge, Binghamton, N. Y reported that he heard 52 'ZS' stations on 10 and 20 meters the last weekend they were on the air. Roger also reported that a total of 209 'ZS' stations have been logged. Others logged were IlOA, HALK, OS5D, PYINC, KALBB and on SW VUD2 and VUD3.

regain some use of his right hand. He writes that he is now able to use both hands On the BCB the following were reported: CMHI-830 completely blanketing KOA and CMKG-1150 Santiago, Cuba logged through WHAM by Art Parfitt, Cleveland, Ohio..... LR-6 870 Buenos Aires carrying the same program as LS-2 Buenos Aires 1190 on 11/5 between 0300 and 0410......Howard Kemp reported LS-11 1310 Buenos Aires at 0105. TG-1 1310 Guatemala City on November 5 with a DX program reported by Art Parfitt. Frank Pytlak reported KGMB 1320 Homolulu with a fair signal 11/6.

Steve Johnson, Havre de Grace, Md. reported that CBR-1100 is good every day until sign-off at 0300......Remote Canadian points, inaccessible to mail facilities, once again were being served by KDKA Pittsburgh. Every Saturday night from OlOO to 0130 EST programs are transmitted on KDKA and its short wave station WPIT. This year (1939) is the 15th that this service has been maintained by those stations for those who have friends and relatives in the far regions of the North. Paul F. Sojka, Jr.

Jim Bruns, Baltimore, Md. remitting for his dues, stated that from ARRL Headquarters comes word that the calls, KC4USA, KC4USB and KC4USC will be used by Admiral Byrd to contact amateurs here in the United States for the purpose of handling messages. The traffic handling will be done on the 7, 14 and 28mc. bands.

On the High Frequencies by Earl Roberts the following were reported: RIM 15.250 Taskent, Turkestan on 11/12 by Earl Roberts; TAQ 15.195 Radio Ankara, Turkey was suspending operations on the frequency due to interference from other Europeans stations and the programs will be broadcast on TAP 9.465. Reported by George Trisdorfer, Brooklyn and Norman F. Kriebel, Ambler, Pa....XGOY China reported by Jimmy Hart with Oriental programs at 1810; also by Earl Roberts at 1730..... Charles M. Robinson in Iowa reported TPB-11 Paris in parallel with TPA-4 11.718broadcasting "The Listeners Letter Box each Thursday from 2015-2030. Many reporters' names are read and the station said all would be answered. On 9.510 Jimmy Hart reported HS8PJ Bangkok, Thailand at 0700......Earl Roberts reported that MTCY 6.125 and 11.775 mcs. Hsinking, Manchukuo is now verifying with a four-page pamphlet having a design in red and tan with a one-half inch black call on the front page and verification material in English inside......John DeMyer, Lansing, Mich. made a good catch in OQ5AB, Belgian Congo on 14.295 at midnight. Brooklyn, New York

David Thomas, Proctorville, Ohio reported that WUMS 1560 is never on the air either as a broadcasting or an amateur station, except during flood conditions or when a state emergency exists and then it is on 24-hours a day until the emergency is no longer. The only other time WUMS is on the air is the 2nd Wednesday of every month from 0555 to 0610 with special equipment tests. Radiotelephone emergency communications are transmitted on 2004 kcs. Government reports, information, schedules, etc. are on 1560 kcs.v bluew doid another antip evitoments ene garaged to

a fat loobook? Joe Lippincott reported that England-1149 is relaying Daventry at OlOO; Rennes, France-1040 is also heard at the same time. Other stations heard on 10/31 include Hamburg-904; Bordeaux-1077; Cologne-658; Lepizig-785; and Munich-740. During the evening the best bets were Toulousse-776 and Tripoli-1104 signing off at 1740. Two British stations seem to be on 668 and 767 after 0200. for the Two Guys outlet and

This about does it for this time and we hope everyone enjoys the balance of the summer in order to get started on a new DX season in September.

THE PIONEER DAYS

NNRC

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In the November, 1939 issue of the bulletin it was noted that the FCC released a bulletin - one that if carried out would probably mean a new era in radio reception in the country. The FCC granted applications of KTUL, WIRE and KLO for increased power facilities. The stations were located in Tulsa, Okla., Indianapolis, Ind. and Ogden, Utah respectively. The 3 stations were each operating with 5kw day and 1kw night. Each wanted to increase power to 5kw night but could not do it independently without interfering with one another. So they got together and worked out the technical details whereby through the use of directional antenna they will minimize the interference problem, and, at the same time be able to extend their respective services. When the joint arrangement was presented to the FCC, it was approved without delay..... A note at the end of the article stated that should this experiment prove successful, it will mean the use of 5kw transmitters on virtually all of the regional channels.

Steve Johnson, Havre de Grace, Md. reported that on 2/12/39 his log stood at 633 and with the logging of a number of stations during the season it now stands at 696 heard with 157 verified. Also on 11/12 Steve reports that weak stations were heard on 850,767,1149,668,830,730 and 700 kcs. The stations on 767,1149 and 668 were the Home Service of the BBC. and London Calling. The one on 830 may have been LR5 as Spanish was spoken. The one on 730 may have been CJCA. At 3 AM CBR on 1100kcs. proves to be a good catch.

On the High Frequencies by Earl Roberts the following were reported: I2RO14 on 15.23 heard as early as 0630 by Dick Daneker; XGOX 15.20 Kunming, China coming thru regularly at 2100 by Roger Legge; XGOY 11.90 Kunming, China s/off at 1620 and resuming at 1630 and signing at 1820 by M. W. Soplop; TP-Paris Mondial 11.843 a new frequency used in the afternoons by Desmond Callan; I2AA Addis Ababa, Italian East Africa 9.65 signing at 1430 with the playing of two Italian National Anthems by M. W. Soplop; I2RO3 9.635 conducting experimental programs daily 0100-0200 with all announcements in English and asking for reports by Bernard and Michael Wozniak.

Also on the High Frequencies VUD2 9.59 Delhi, India 2130-2300 strong but heterodyned by WCAB. English news nightly 2121-2130 reported by Roger Legge; VUB2 9.55 Bombay, India at 2130 with QRM from a Latin-American by Roger Legge; ZBW3 9.525 Hong Kong with a Chinese program daily 0500-0700 with English used on Sundays only by Desmond in California; ZRK 6.097 Klipheuval, South Africa heard signing at 1600 by M. W. Soplop and PLP 11.00 Bandoeng, Java being heard on the transmission at 1800 together with PMN 10.26 and YDC 15.15 by M. W. Soplop.

On the Ham Bands, Tommy Denny, Indianapolis submitted the following news as received from amateur WLAW - The new Byrd Expedition will use the calls KC4USA, KC4USB, and KC4USC on the 7, 14 and 28 mcs. bands. This will probably be the call aboard ship as the base station at Little America is not expected to open until Feb. 1940.

Desmond Callan, Readville, Mass. reported the following as all night stations in November, 1939: WIP-610 except Thursdays; XENT-910; XEAW-960; KFVD-1000; KWJJ-1040; XEL-1150; WJBW-1200; WEDC-1210; KFJZ-1240; WNEW-1250 except Mondays; KLS-1280; KFAC-1300; CMKR-1400; WNOE-1420; KXYZ-1440 and WJBK-1500 (signs on at 0500 during frequency checks and all night other days,

Joseph Lippincott sent a list of TA stations with the best times heard: Prague 638 at 0040; Lyons-648 0119; England-668 0210; Netherlands 772 at 0300; Munich-740 at 0125; Marseilles-749 at 0230; England 767 at 0212; Toulousse-776 at 0121; Leipzig 785 at 0117 and 1651; Milan-814 at 1750; Berlin 841 at 0148; Stavanger-850 at 0200; Sofia 850 0100-0200; Poznan-868 0210; Holland 995 at 0350 and Koenigsburg-1031 0318.

THE PIONEER DAYS

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On the High Frequencies the following were reported: Radio Katmandu Nepal on 14.78 heard on 11/20 at 2200 by Elmer Wokaty; XGOX 15.20 Szechwan, China at 2100 with R8 signals by Callan. Mass.; JZJ 11/80 Tokyo at 0015 with English announcements by Tom Denny; on 10.043 a new station announcing as 'Radio Propragrand' giving news in Italian, English, French and Spanish from 1455-1531. English at 1500. No call was given but from the way they rapped the British the station may have been the German DZB assigned to this frequency reported by Jimmy Hart; KZRH 9.635 Manila heard R9 from 0600 on by Hart and Callan; XBC Observatorio Meteorologoico, Vera Cruz, Mexico 150 watts verified promptly for Roger Legge; and EAQ 9.860 Radio Nacional, Madrid, Spain heard 11/17 1945-2045 by Dick Daneker.

On the BCB the following were reported: Rome-1 713 1638 on 11/5 weak and with QRM from WGN and WOR by Art Parfitt; OAX4A Lima, Peru-854 with a weak signal 2050-2103 by Art Parfitt; KYUM-1210 Yuma reported testing at 0217 on 11/19 by John Tate; TG-1 1310 Guatemala City 11/19 after 0300 by Dick Daneker; and CMKR-1400 Santiago de Cuba reported by C. Weyrich on the air from 0100-0500.

In the station news of December 11, 1939 offers an excellent reason for verifying all stations as quickly as possible. Three calls were changed- WMFO to WMSL; WALR to WHIZ and WJBL to WSOY. (Note this applies even with today's DXing)......New stations to hit the air lanes recently included KXOX, WFTL, WMOB, WMCA, KVAN and WTSP.

On the High Frequencies the following were reported: DFA 19.235 DFA Nauen, Germany contacting WKK New York at noon and then switching to inverted modulation by Roger Legge; RW-100 Tashkent, USSR 15.170 contacting RKI daily 0700-1000 by Norman Kriebel; HVJ Vatican City 15.12 on daily 2000 by George Trisdorfer; Radio Saigon, Indo-China 11.78 relaying BBC news bulletins at 0630 and 1100 and at 1845-1900 the French bulletin is broadcast by M. W. Soplop; I2RO-15 Rome 11/76 from 0600 and at 1230 by Jimmy Hart and Norm Kriebel; KZRH Manila 9.635 heard from 0600-0900 by Norm Kriebel, Jimmy Hart and Charles Robinson, Iowa; TAP Ankara, Turkey 9.465 from 2100 to 2145 in German, French English and Turkish by Sergio Gonzalez, Havana, Cuba; HAD Budapest, Hungary 7.22 at 2200 by Roger Legge; VIW Perth, W. Australia 6.130 heard 0600-0645 R6-7 by Jimmy Hart and Earl Roberts; and KHFJJ 3.105 a Boeing 247-D plane, NC-11 with 100 watts heard at 1802 by Leboeuf.

Bill Bauer, Baltimore, Md. reported that he had reports out to WFPL,WMRO,WTSP, TGX,CBK,HJ3CAC, and YVlRF. Veries included CMKR,WNOE,WING and one from a year back KMAC. Total veries in the neighborhood of 780......Frank Waysse, New York reported verifications from KWSC,KID,WHAM,WJBW,WJAR,WTNJ,WSAN,WCHS,WRVA,WJBC,WENR,WXYZ,KFI,KPO, and WGR...... Joseph Lippincott, East Vassalboro, Mass. reported that PRB9 1000kc. was heard with good volume from 1730 to 1930. Joe also reported ZNS-790, TIPG and Bogota, Colombia On 1104kc. and OAX4A fair on 854kcs.

On the High Frequencies HAD-21.68 Budapest heard 1200-1500 by Desmond Callan and Roger Legge with rapid fades; FZE8 Djibouti, French Somaliland heard 12/7/39 on fone and CW by M. W. Soplop. Frequency 17.28; JLT3 Tokyo operates from 2100-2230 by the IDA; VLW-3 on 11.83 Perth, W. Australia heard until 0624 12/3 by Jimmy Hart; CR6RC 11.74 Radio Club de Angola with 50 watts operating daily 0630-0745 by the IDA; PCJ 11/73 Hilversum, Netherlands 12/2 1710-1750 by Andy Hill; I2AA 9.65 Addis Ababa, Italian East Africa 10gged 12/2 1355 to 1415 s/off by Andy Hill; Athlone, Eire 9.595 signing on 1230. This station transmits on this frequency on the odd dates and on 17.84 on the even dates by Callan and Roberts.

On the Ham Bands, Harold Tucker reported PY2AK, PY2HT, PY2ER, LU3AW, XE2Y, XELDQ, XELCJ, HH2PB, PY2AC and PY2It. F8GO was heard in the middle of the American Bank 11/8.

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to end montabaut . A apmont not By CarrolleH. Weyrich add allot 2411 Cider Mill Road, Baltimore, Md. 21234 several of its many raceis. Tom has Oxed on BCB, SMBC, Amateur, FM and TV, and is

In the December 25, 1939 issue it was stated that station KFKU, the University of Kansas station in Lawrence, Kansas would broadcast a DX program in honor of the 15th anniversary of the station. The broadcast was to run from 2330 January 8 until OlOO January 9, 1940 Back in these days this station was a very elusive one only broadcasting in the early evening hours for a short time.

The following stations were reported on the High Frequencies:: VLW-3 Perth, Australia 11.83 mc. at 0500 by M. W. Soplop; ZRO Durban, S. A. 9.750mcs. at 1541 by Earl Roberts; EQC Teheran, Persia 9.680 mcs. believed to be the station heard at 0715 by Desmond Callan; CR7BE Lourenco Marques, Mozambique 9.640 mcs. early afternoons by M. W. Soplop and Earl Roberts; ZAA Tirana, Albania 7.850 mcs. s/off at 1530 by M. W. Soplop; on 3.410 mcs. WWDL Lighthouse Tender Mistletoe at 2035, WWBO Smith Point Lighthouse, Va. at 2035 and WWXL Relief Lighthouse Ship #91 at 2035 by Charles Leboeuf; 2.738 mcs. WMDT Trawler Notre Dame, WPUC Trawler Villa Nova and WFFG the Trawler Maris Stella logged at 1945 while fishing the Georgia Banks by Charles Leboeuf; 2.698 NRLP Patrol Boat Agassiz in contact with Princess Anne Radio at 1814 by Charles Leboeuf; 2.670 mcs. NRJP CG- 159 working Cape May Radio at 1812 and LHT Magnolia contacting Mobile Radio at 1814 by Charles Leboeuf; and on 2.350 mcs. WZBA Buzzards Bay, Mass. on Cape Cod Canal working KFGA the SS Allegany at 2050, WZAF Chesapeake City, Del. on the Delaware and Chesapeake Canal at 2110 working the SS Dorchester, WZAB Canal Delaware and WZAN St. Geotge, Del. at 1805 by Charles Leboeuf.

In DX Tips, the following were reported: KFUD 550kc. St. Louis with a DX program to 0300 by Desmond Callan; KWTO 560kc. Springfield, Mo. s/on at 0600 by Nancy Saxton; KMTR 570kc. Hollywood, Cal. 0300-0330 with new and interviews by Dick Daneker; HOK 640 Colon, Panama 0315-0415 on 12/16 by Dick Daneker; WOI 640kc. Ames, Iowa DXed on 12/17 by Frank Wayse; KOWH 660 Omaha, Neb. s/on daily at 0700 by Art Parfitt; CMQ 690kc. Havana, Cuba on this frequency blanketing CFRB most of the time by Howard Kemp and Steve Johnson; KGU 750kc. Honolulu 12/15 0400 with news by Dick Daneker; CMBL 750 kc. Havana testing 0100-0300 12/16 and XEAM Matamoros also testing 0100-0300 by Art Parfitt; CMBC 780kc. Havana now here from 690kc. by Steve Johnson; LR-6 870 kc. Buenos Aires, Argentina from 0330-0400 on 12/9 by Nancy Lee Saxton; HJLABN 1190 kc. Barranquilla s/off at 2300 12/9 by Desmond Callan; LS-2 1190 Buenos Aires heard 12/9 at s/off 0330 by Desmond Callan and Dick Daneker; LS9 1270kc. Buenos Aires on until 2100 daily by Art Parfitt; KGMB 1320kc. Honolulu until 0500 by Art Parfitt; KORN 1370kc. Fremont, Neb. to go on the air 12/19 at 0730 by Don Hill.

From High Frequencies January 1, 1940 the following stations were reported: I2RO-14 15.230 Rome, Italy from 1500-1600 by Barney Ahman; XGOX 15.200 Szechwan, China 2100-2300 directed to N. A. and Japan and on 11.900 0530-1150,1400-1820 by Earl Roberts; I2RO-13 11.900 heard 1830-1900 by Barney Ahman; I2RO-15 11.760 Rome, Italy from 1830-1900 by Barney Ahman; Eire 11.740 Athlone, Eire 1800-1900 by Barney Ahman; Radio Center 9.603 Moscow heard at 1800 by R. B. Oxreider; VLQ 9.615 Sydney, Australia 0700 with direction antenna to North America by Desmond Callan and Roger Legge; VUB 9.550 Bombay, India 2130 by R. B. Oxreider; FOSAA 7.100 Papeete, Tahiti verified after 2 years a 5 reports with a reply card by Roger Legge and verified for Jummi Hart with a small white card in French and 3/4" red letters; WWCL 3.410 the Light House Tender Oak in contact with WWXW Light House Depot at St. George, Staten Island by Charle's Leboeuf; 2.770 Immigration Border Patrol Cars #38 and #22 at Beacher Falls, N. H. on the Canadian Border by Charles Leboeuf; 2.738 KLHM Tug PeJepscot, WNQZ the Yacht Jackpau III, WGOS Yacht Happy Days, WTJO the SS Panama, Pier 65 North River all by Charles Leboeuf and the last one by Roger Legge.

This about covers everything for this issue and we wish to close by extending a Very Merry Christmas and a Healthful Happy New Year to one and all. May 1970 bring all the joys that you could wish for.