

"American Ionospheric Propagation Association"

TV-DX

PRES. SECY.

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BUFFALO 20, N. Y.

Volume 4

Number 9

September 6, 1957

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AIPA Bulletin--Published first week of each month, 12 issues per year.
Membership--\$2.00 per year (entitles one to monthly bulletins, report sheets, membership card & miscellaneous items). Payable to secretary.
Editorial....

The month of August brought very little E skip, very good meteor skip on many occasions and near record tropo on a few occasions. There were times when DX in general reached a low point in August, but it did have its good peaks (tropo and M_s wise). September should bring some real good tropo, UHF and VHF...I hope!

Ray Escoffier of New Orleans, Louisiana has come up with a very fine idea on a column for the bulletin, which he himself would handle. It concerns a compilation and list of all low band stations (chs-2-6), with their test pattern schedule, type of test pattern they each use and if unusual, description, sketch of their test pattern. The purpose would be to aid DXers in finding M_s bursts or such. Now, of course, Ray needs member support; so please all who can, send the above mentioned info about stations which you are familiar with to Ray. A sketch or photograph of test patterns would be most helpful. Of course, all photos would be returned as soon as possible. Your prez has tried to supply Ray ~~enough~~ with enough info for his first column, which will be in this month's bulletin, or if not, then next month. Ray's address is: 230 Citrus Rd., Harehan Br., New Orleans. Without member support, he cannot compile his column.

Membership renewals of late include: Dave Miller, Evanston, Ill.; Leo Weiner, Erie, Penna.; Norris Doyle, Pittsburg, Calif.; John Battersworth, State College, Miss.; Joe Huber, Shakopee, Minn.; Bedford Brown, Hot Springs, Ark.; Frank Wheeler, Erie, Pa.; Bill Eckberg, Walnut, Ill. New members include: Maurice J. Eschay, Dept. of Parks, 64th & 5th Ave, New York 21, N.Y.; John Cody, 299 Cross St., Middletown, Conn.; Michael L. Evangelista, 124 5th St, Hamburg, Penna.; Walker Ray, 3843 Charles St., Baton Rouge, La.; Bill Meers, 108-5th St., LaGrange, Kentucky; Percy W. Flanagan, 1600 Constance St., New Orleans 13, La.; H.E. Apley, Girard St., Akron, Ohio. A big re-welcome and welcome to all!

Deadlines for next bulletin are: Longview, Wash.; Cardington, Ohio, Loma Linda, Calif; September 26th; Buffalo (FCC News), Sept. 27th; Austin, Texas (for Bedford Brown's column), Shelbyville, Ill, September 28th; Dunkirk, Eastern reports), Sept. 30th. Watch those deadlines!

That's it for this month. Best of DX to all and regards.

Bob Seybold

Last Minute Note...Word comes from Dennis Smith of Wasco, California, that "Operation Smokepuff", which is late, (due to delays at the firing range), has ionization tests planned for September 25th & 27th, with possible delays putting them off till Sept. 26 & 28. Also, the magazine, QST will have in their "stray" paragraphs, announcements concerning Smokepuff, as well as future articles on results of the tests.

Thanks Dennis.

"Barney's Data--Part 1"

Barney Rauch of Peoria, Illinois has sent in much well informed data for this column, and we will attempt this month to outline as much as possible.

Barney did not at all go along with me when a few columns back, I knocked the Winegard CL4X and other high gain broadband yagi antennas. At his Peoria location, two Winegard CL4X's are installed 5 1/2 ft. apart to favor the low highs and the high lows (7, 8, 9 & 5, 6). These units are mounted on a homemade fold over roof mounted tower, which brings the top CL4X up about 50' in height. He also has a Taco Super Trapper which is mounted 32' above the ground. Under the Trapper is a bank of 16 bow-ties for UHF DX. His line is Amphenol which he likes very much. JFD -pal insulators are used throughout. Speaking of insulators, Barney has made up a very useful one for jumping the lead around the rotor. A JFD-pal is connected to a rather stiff spring which in turn is mounted on a ~~1/8" x 1/8"~~ radiator hose clamp for attaching to the mast. The use of this device will prevent induction grounding and make the jump a easy job if installed properly. I might add, you can buy this type of insulator already made-up. I believe Allied Radio stocks them. Your local parts supplies should have them also.

In his house, Barney has constructed a control center for his DX work. This panel embraces three rotor motor control boxes, a booster, and a set of five switches which enable him to select any antenna or combination of antennas, and when these switches are in the off position, the antennas are automatically grounded, which is a very good feature indeed. At the input of the panel, there is located a pair of N.E.2 neon glow lights connected in parallel with the lead ins, with a gap to ground. These units are very effective for surges, and Barney noted he shuts down when they begin to glow from same, as before a storm. The comparative break-down point of this form of arrested is much below the standard carbon type used for most radio reception installations, so maybe we should all look into the possibility of applying this to our own setups.

Barney mentions that last July 8th while using his Winegard CL4X's, he had Cuban stations on channels 3, 4, 5 and WLAQ TV ch2 San Juan, Puerto Rico. He then switched over to the Taco Super Trappers (lower height), and all that could be detected on his CRT was the usual flutter which is produced by very weak stuff (skip). No audio or video as opposed to the other antennas. He did notice however, that he could beam the CL4X's, then cut in the Super-Trapper. He could off beam this one, and clear his video.

I must point out here as mentioned before, that reception of skip on high gain antennas in areas where low band stations are operating, and with these antennas mounted high up, is impossible. For ground wave, gain and height are important assets. For those of you who reside in open channel areas, the investment of a tower and one of the mentioned antennas, will be well worth the expense as far as your DX goes.

It should also be pointed out that DXers like Barney, don't build up their totals on equipment alone; they work darn hard for it, as you and I are all aware of.

Next month....Barney & UHF.

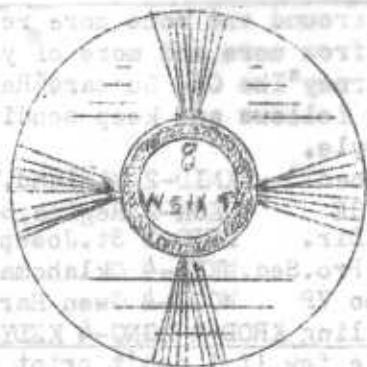
73's,

King Schafer

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Sept. 6, 1957

" FCC NEWS "



Compiled by Art Collins

NEW GRANTS

- Ch 2 North Platte, Neb.
- Ch 3 CKSO-TV-1 Sat. of CKSO-TV Sudbury, Ont ch 5 at Elliot Lake Ont.
- Ch 4 Pittsburg, Pa to KQV.
- Ch 4 Charleston, S.C. 58Kw-32Kw.
- Ch 4 Hays Springs, Neb. 100 Kw. Vis.
- Ch 7 Seattle, Wash. to KIRO 316Kw. 158Kw
- Ch 7 Amarillo, Tex. 46Kw. 23Kw.
- Ch 9 Monahans, Tex. 27.5Kw-13.8Kw.
- Ch 13 Sioux Falls, S.D. KOOS 29Kw-17Kw.
- Ch 13 Biloxi, Miss.
- Ch 25 Kennewick, Wash.
- Ch 56 Gulfport, Miss. 21Kw- 11.59Kw.

APPLICATIONS.

- Ch 5 Albuquerque, New Mexico.
- Ch 7 St. Cloud, Minn. 98.4Kw-49.2Kw.
- Ch 8 Idaho Falls, Idaho 38.48Kw.
- Ch 8 Moline, Ill. 316Kw-158Kw.
- Ch 10 Vails Mills, N.Y. 316Kw-158
- Ch 10 St. Petersburg, Fla. 316Kw-158
- Ch 10 Duluth, Minn. 316Kw-158Kw.
- Ch 12 Farmington, N.M. 31Kw-15.5Kw.
- Ch 13 Bemidji, Minn. 28Kw-14Kw.
- Ch 21 San Diego, Cal 43Kw. 21.5Kw.
- Ch 34 K-UHF (TV) Los Angeles, Cal.
- Ch 37 Delano, Cal.

CALL LETTER CHANGE---- WAAM(TV) ch 13 Baltimore to WJZ-TV.....

AFFILIATES---- WFAA-TV ch 8 Dallas, Tex. ABC-TV in Sept 1957.
WEAP -TV ch 5 Fort Worth, Tex. NBC Basic outlet.

MIS'L NEWS.

- CHBC Ch 2 Kelowna, B.C. begins testing on or about Sept 1st.
- CKVR-TV ch 3 Barrie, Ont. Can. doubled power--27Kw-13.5Kw.
- WTIC-TV ch 3 Hartford, Conn. now on tests pattern and tone 9-12 AM & 7-9 PM Mon thru Fri. till Aug. 23rd. Programing to start Sept 23rd. 7:00PM to midnite... per H.D. Taylor-Olant Mgr. (wants reports)
- WOAI-TV ch 4 and KENS-TV in San Antonio, Tex. will share one 1,500 ft tower.
- CHAT-TV ch 6 Medicine Hat, Alta. Can. due on air Sept 1st.
- WMAL-TV ch 7 Washington, D.C. went to full power, 316Kw Aug 1st.
- CPSN-TV ch 8 Stephenville, Nfld. Can. went to 490ERP Power & 181.25 Kw Aur.
- KIRO-TV ch 7 Seattle, Wash. new CBS Station will test in late Dec. on Feb. 8.
- KSPS(TV) ch 9 Hot Springs, Ark. deleted call letters and CP. (Bedford Brown just can't get a local Hi!)
- WPST-TV ch 10 Miami, Fla. now on the air with full power of 316 Kw.
- WAVY-TV ch 10 Portsmouth, Va. due on the air Sept. 1st.
- KLSE(TV) ch 13 Baton Rouge, La. testing 1000-1300 CST daily Mon -Fri. until Sept 1st. Is a Educational Station.
- KTVW ch 13 of Tacoma, Wash wants to move their TranX and tower to Seattle. Thanks to Gene Webb for the info, and on KIRO-TV there. Gene sends note that ZEM-TV in Pembroke, Bermu a--CBS-TV Nov.
- WBUF ch 17 Buffalo's NBC UHF soon to be on one million watts.
- WEEK-TV ch 43 Peoria, Ill Ok'ed for 371Kw-186Kw and 710 foot Ant. (NBC-TV) Sylvania has announced a new process for producing electrical images on FLAT glass panels, this will be our future TV screens. The glass will be only one eighth inch thick. Images are produced by electrical and optical signals. (Called "Sylvatron") ---OH ME !
- * The Military has it's eye on Ch 2 to 6 again !!! OH MY ! Art....

Well a nother month has rolled around and some more reports to report to you. Am very please to be able to hear from more and more of you fellows. Been receiving some reports from Bedford Brown, Barney "The Old Suzzard" Rauch, John Parillo, Ed Hepp, Norris Doyle, And a few more. Thanks fellows and keep sending your reports.

Some veries signers from Norris Doyle.

CHOT-2 Canada Box 550, 955 Rideau Road KMLD-2 Midland, Tex. Box 2758 Jerry Blair PD
 KOKT 2 Great Bend Kan. H.G. Haefele OE OKOK-2 Regina, Sask. G.A. Strong OE
 KIBD-2 Tulsa, Okla. Bill Sadler Pro. Dir. KFEG-2 St. Joseph, Mo. Gene Kilsteen Pro. Dir.
 KARD-3 Wichita, Kan. Miss B. Kersten Pro. Sec. WKY -4 Oklahoma City, Okla. Gene Lyons CE
 KXJB-4 Valley City, N.D. Lloyd R. Amoo VP WOCO-4 Gwen Harvey P.D. Minneapolis 2, Minn.

He needs veris signers for the folling KROD-4 KGNC-4 KEDY-4 KGEO-5 OBFT-2 .

B.H. Rauch from Ill. sends in quite a few, if I don't print them all will next month.
 WTVW-7 Indiana Edward P. Welcome CE KMBC-9 Mo. Henry Golcenberg CE
 KEYT-3 Calif. Lloyd Jones Dir. Eng. KTTS-10 Missouri G.P. Ward Mgr.
 WRC -4 Wash. D.C. L.A. McClelland Dir. Operations WAVE-3 (Form no signer.)
 WSIX-8 Tenn. Charles Duke KTHV-11 Ark. Cecil Suitt CE.
 KPRC-2 Texas Jack Harris WBAY-2 Wisconsin (Card no signer)
 OJBR-3 Canada Andre Descombe Mgr. KID -3 Idaho A.W. Schmeder ?
 KOOK-2 Montana B. Zuck ? KFDX-3 Texas Darrold A. Cannon Jr. VP
 WFAM-59 Indiana C.E. Richardson Pres. WTVS-56 Michigan Dean C. Cook CE
 WTVO-39 Illinois John J. Kelin Jr. Mgr. WXIX-19 Wisconsin Arthur F. Schoenfuss
 WISN-12 Wisconsin I. S. Showerman VP KTVW-13 Washington Charles R. Morris CE
 KELO-11 South Dakota Evans A. Nord Gen. Mgr. KTTV-11 California Edward E. Benham CE
 WNCT-9 North Carolina H.R. Adams CE KTBC-7 ~~Missouri~~ Paul Bolton Texas
 WKBT-8 Wisconsin -- Alvin Leeman CE WEAP-5 Texas -- Margaret K. McDonald
 WDSU-6 Louisiana -- (Form no signer) KEXT-3 Texas -- W.B. Cox CE
 KRON-4 California -- J.L. Berryhill CE KRLD-4 Texas -- B.B. Honeycutt CE
 KWK -4 Missouri -- N.J. Zehr CE KHQA-7 Missouri -- Merritt Lilligan
 WGN- 9 Illinois -- Carl J. Meyers Eng. KOVA-4 Arizona -- R.H. Holsclaw CE
 WEHT-50 Kentucky -- Anita Cook KROC-10 Minnesota -- Robert W. Cross CE
 WOR -9 New York -- (Form no signer) WROA-4 New York -- Lester A. Looney
 OBWT-4 Canada -- J.S. Brickenden WMBR-4 Florida -- Dorothy M. Pape
 WREX-13 Illinois -- Joe Baisch KCRG-9 Iowa -- Carl R. Rollert CE
 WHO -13 Iowa -- Reed E. Snyder CE WGEN-10 Illinois -- Joe Bonansinga Gen. Mgr
 WNDU-46 Indiana -- Bazil O'Hagan CE CMQ 6 Cuba -- (He Can't Deciper name)

Bedford Brown Jr. got some more reports this month and Thanks to you and send more.

Test pattern for KARK-4 Little Rock Ark. KTHV-11 Little Rock, Ark.
 Monday 0045-0100 0730-0745 EST Monday 2350-0015 0630-0655
 Tuesday 0100-0115 0730-0745 Tuesday 2350-0015 0630-0655
 Wednesday 0100-0115 0730-0745 Wednesday 2350-0015 0630-0655
 Thursday 0100-0115 0730-0745 Thursday 2350-0015 0630-0655
 Friday 0100-0115 0730-0745 Friday 2350-0015 0630-0655
 Saturday 0100-0115 0830-0845 Saturday 0115-0130 0800-0825
 Sunday 0100-0115 1145-1215 Sunday 0115-0130 1130-1155

KATV-7 Little Rock-Pine Bluff, Ark. Monday-Friday daily 1600-1630 Accompanied by classical music sponsor. Test pattern with tone is used on Saturday & Sunday. Saturday beginning at 1100 extended to 1130 to 1200 varies each week. Sunday 1130-1200 each S.
 KOMC-TV-6 Texarkansas, Ark. Tex. Monday through Friday no test pattern Saturday 0815-0830 Sunday 0845-0900 Test pattern of KOMC-TV is always accompanied by music only.
 KATV uses Indian head, Bullseye-tp, and RETMA-chart KTVH uses Indian head and RETMA-Ch
 WREC-TV does not use a test pattern at any time.

WHBQ, WMOT, KTBS, KARD, KATV, KYTV, KTTS, WLBTKFDX, KOEN, KWTX, KTBC, KVOO, KTVI, KWK, KSD, all use Indian-heads the underlined stations have the call on top.

Ed Hepp 4512 N.E. 37 th ave. has sent me a few varie signers. Thanks also Ed.
 WDAF-4 Kansas City, Mo. No signer. KGBT-4 Harglinton, Tex. Laura Bartholomew
 KXLY-4 Spokane, Wash. Dave Green Eng. Dir. KUTV-2 Salt Lake City, Reid Carpenter CE
 One note: KOTI-2 is only running IKW ERP. Thanks and hope to hear from you again.

Next month this report I belive will have quite a few sign on and off hours as I have several. Your letters are deeply appreciated at all times even if you don't have much to report. If I got to many waby we will have to enlarge my space.

Walter W. Spaulding R.D. #3 Box 168 Cardington Ohio.

**Eastern DX Column

Compiled by: Bob Seybold

John Parrillo, Girard, Ohio--July 16, tropes, WKRC12 WHTN13; July 17, 2/4, tropes, WWTW13; July 18, tropes, WJIM6 WELB7 (new) WISN8 WGN9 WTTW11 (new) WKRC12 WHTN; July 19, WNEM5 WJIM6 WWTW13 WELB7 (new); July 24, Es, KRLD4 WOAI4 KPRC2 KFDX3 KSYD6 WKY4 KGNC4 KCKT2; Aug 5, tropes, WJIM6; Aug 13, WHTN13 WOOD8 WJIM6; Aug 14, WENS16. His log now at 101 with 4 new this period.

Bryan Rawlings, Montreal, Quebec--(all tropes unless otherwise noted)-- July 31, WBZ4 WKTW13; Aug 1, WKTW13; Aug 2, WHEC10; Aug 3, WKTW13 WHEN8 WRGB6 WCNV7; Aug 5, 7, WSYR3; Aug 8, WSYR3 WHEN8 CBOT4 CKWS11 (new); Aug 10, WCNV7; Aug 11, Ms, WDSM6; Aug 9, 12, 14, 15, 17, 20, 21, & 23, WSYR3 WHEN8 WCNV7. His log 29, 7 new.

Frank Wheeler, Erie, Pa.--Tropes in August included: WJIM6 WNEM5 WSPD13 WSTV9 WSYR3, nothing new. E Skip on Aug 24th with KOA4 ided. New verie in from WREC3. His log at 89.

Bob Martin, Girard, Penna.--Aug 18, tropes, WOOD8 WKZO3 WTVS56 WPAG20 WXYZ7 CELW9 WWJ4 WJHK2; Aug 25, WENS10 WTVN6; Aug 27, WEKB7 (new) WENS10 WGN9 WNBQ5 (new) Aug 28, WJAC6 WIIC11 (new) WFBG10 (new) WENS10 WKBN27 WFLJ21 WOSU34 (new) WAKR49; Aug 29, WLSL10 (new) WFBG10 WTRF7 WSTV9 KDKA2. His log at 95, 6 new.

Bill Braeb, Kewaunee, Wisc.--July 27, (all tropes unless otherwise noted)-- WMT2; July 28, WOC6; July 29, KROC10 WCC04 WOC6; July 30, KROC10 WCC04 KSTP5 KMGW9 (new) WTCN11; July 31, tropes, 365 miles, WTHI10 KHQA7 WGEN10 KWVL7 etc; Aug 1, 413 miles (VHF), WENS10 WCP09 WKRC12 WISH8 etc; UHF, WNDU46 WSET34 (both new); Aug 2, WSET34 WNDU46; Aug 3, same; Aug 6, same UHF, Aug 7, 370 miles, KRNT8 KMMT6 (both new) WHO13 etc; Aug 8, 413 miles, WFBM6 WHI07 WGEN10 etc; UHF, WSET34 WNDU46; Aug 10, WMT2 WHEF4 WOC6 WSET34 WNDU46; Aug 11, WMT2 WOC6; Aug 12, WDSM6; Aug 14, 478 miles, KTIV4 KROC10 etc; Es, KOA4 KTVT4 KID3 & these new: KSPR6 KXLF4 KOTA3; Aug 15, 478 miles (VHF); 208 miles (UHF); Aug 16, VHF, 403 miles, WCP09 WTHI10 etc; also WNDU46; Aug 17, WMT2; Aug 19, WOC6 WSET34 WNDU46; Aug 20, VHF, 260 miles; UHF, WANE15 WKJG33 (both new) WSET34 WNDU46; Aug 21, KROC10; Aug 22, WISH8 KWVL7 WTHI10 WSET34 WNDU46; Aug 24, WMT2 WOC6 WHEF4; Ms, WRC4; Es, KGNC4 KMID2; Aug 25, WTHI10 WSET34. His log now at 112 with 10 new.

Ronald Boyd, Truro, Nova Scotia-Canada--July 2, Es, WFMY2 WBTW3; July 5, Es, WUSN2; July 12, Es, WSAZ3; July 23, Es, WFMY2; July 25, Es, WLWT5 WUSN2 WCSC5 (new); July 27, tropes, WTW02 WCSH6; Es, WLWD2 WLWT5 WFER6 (new); July 28, tropes, WABI5 WCSH6; July 29, same tropes, also Es, WRGP3 (new); Aug 10, tropes, WTW02; Aug 24, tropes, WABI5 WNAC7 WGAN13 WBZ4 & new ones: WMUR9 WPRO12; Aug 25, tropes, WBZ4 WPRO12 WCSH6 WNAC7 WABI5 WJFL10 (new). Also in August, WBD5 WRCA4 WLWC4, all new via Ms. His log now at 58 with 10 new.

Al J. Kopeck, Elmrod, N.Y.--Aug 27, Es, WFO4 WESH2. His log now at 64.

Walker Ray, Baton Rouge, La.--Aug 1, KTRK13; Aug 3, (all tropes)-KPRC2 WEAR3 KTRK13; Aug 4, KGUL11 KTRK13; Aug 5, KSLA12 KARK4; Aug 7, Es, WRCA4; Aug 11, KSLA12 KTRK13; Aug 13, 400 miles, KRLD4 KLTW7 (new) KCMC6 (new) WEAR3 KARK4 KGUL11 KTRK13; Aug 14, KCEN6 WBAF5 KRLD4; Aug 15, 400 miles, KTRE9 (new) KRLD4 etc; Aug 19, Wala10 WTKL11; Aug 20, KGUL11 KTRK13; Aug 21, WEAR3 KGUL11; Aug 22, 250 mi.; Aug 26, 400 miles, KWTX10 (new) KTRE9 KTRC7 etc; Aug 27, KLTW7 KTRE9. Log at 112.

King Schafer, Kenmore, N.Y.--July 26, Es, KTVR2 KOA4 KFBC5; July 28, WKBN27 WAKR49; July 29, tropes, WBAY2; July 30, WFIL6; July 31, WFMJ21 WBNS19 WFBM6; Aug 1, WBR28 WDAU22 WKJG33 WNDU46 (new); Aug 2, tropes, WCBS2 WCAU10 CBFT2 (new); Aug 7, WFMJ21; Aug 8, tropes, WITI6 WISN12 WXIX19 (WDAU22 Aug 9, WDBJ7 WLSL10 (both new) WBR28; Es, KOTL3 KDLO3; Aug 13, WLWD2; Aug 18, WCAU10 WRCV3 WFIL6; Aug 25, tropes, WCBS2 WRCV3 WCAU10 WRCV4 WFIL6 WABC7 WJZ13 WTOP9; Aug 27, WDBJ7 WLSL10 WGN9 WEKB7; Es, WCSC5 WDBO6; Aug 28, WIIC11 (new) WHTN13. Log at 216, 7 new.

Art Collins, Buffalo, N.Y.--Aug 2, tropes, CBFT2 (new); Aug 3, tropes, WFIL6 WML7 WCAU10 WGA18 WRCV3; Aug 8, WIIC11 (new); 2/4, WITI6 WISN12 WXIX19 & new CKRS12; Aug 12, Ms, KMTV3 WREC3 & others good; Aug 13, Ms, KTIV5; Aug 16, Ms, KFEQ2 WMT2 KTV03; Aug 18, Ms, KMTV3 WREC3; tropes, WRCV3 WCAU10 WFIL6 WRC4 WTOP9; Aug 27, Ms, new KTVG6 on DX test (also received by King Schafer); Es, WAGA5 WCSC5 WSAV3 WDBO6. Recent veries in: CKRS12 CBFT2 KBTX3 CKCW2 KDIX2 WLAC5, WIIC11.

Eastern DX Column....Continued....

Bill Eckberg, Walnut, Ill. -- July 30, tropo, 355 miles, KFVS12 WEAU13 KFEQ2 WMBV11 WTCN11 KSTP5 WMBR9 WOC04; July 31, WSET34 WNDU46 WKJG33 WANE15 WLBC49 (all new), also WFAM59 WENS10; Aug 1, tropo, 388 miles, KEL011 WOW6 etc; Aug 5, KTV9 KEL011; Aug 6, 511 miles, KTVH12 KCMO5 KSIA12 (new at 683 miles) KQTV21 WTCN11 KTV9 etc; Aug 7, 511 miles, KTVH12 KODE12 WEAU13 WDSM6 (new) KMBC9 etc; Es, WESH2 WMBR4 (new); Aug 8, WJIM6 KMBC9; Aug 10, KFVS12; Aug 12, WMBV11; Aug 14, WHAS11 WFAM59 WEAU13; Aug 15, KEL011 KOLN12 KTV9 WOW6; Aug 16, WMBV11 KFVS12 WHAS11 WKRC12 WCO9. Log now at 156 with 9 new.

Michael Evangelista, Hamburg, Pa. -- May 22, Es, KWK4 WAPA4; June 11, Es, KTVI2; June 17, WKY4 KVO02; June 29, WDAF4, tropo, KDKA2; July 25, Es, KPRC2 WBRZ2; Aug 4, tropo, WTAR3 WXEX8.

Ross Brown, Tupperville, Ill. -- July 20, tropo, CKVR3 CKWS11 CHEX12 WNEF12; July 24, Es, WBRZ2 KPRC2 WAIQ2 (new) WLBT3 KBTX3 (new) KFDX3 KENS5 KOEN6 WDSU6 KRIS6 (new); July 25, UHF, WANE15 WBUF17 WFMJ21 WKEN27 WKJG33 WSET34 WNDU46 WKNX57 WSJV52 WPAG20; July 26, UHF, chs. 15, 33, 35 (WSEE35) WLBC49 WSJV52; July 30, UHF, chs 17, 20, 35, WAKR49, also 52, 57; July 31, UHF, chs 15, 17, 21, 27, 35, 49, 52, 57; VHF tropo, WBBM2 WFBM6 WGN9 & these new; WOC6 KWVL7 WMT2, also WHBF4 WIIC11 (new) WMBV11 WTTW11 WKRC12 WHAS11 WISH8 WBA11 WHEC10 WFBG10 WNBQ5 etc; Ms, WCBS2; Aug 1, WJAC6 WFCG10 WBA11 WMBV11 WKTU13 & UHF, chs. 15, 17, 21, 27, 33, 46, 34, 49, 57 & WIMA35, also new WOSU34; Aug 2, WANE15 WTAP15 WHIZ18 WFAM59 WLBC49 & chs 17, 19 (WXIX) 21, 27, 33, 46, 49, 52; Aug 3, WISN12 WXIX19 & UHF chs. 15, 20, 34 & 52; Aug 4, Ms, WKY4; Aug 6, UHF chs 15, 33; Aug 7, tropo, WREX13 KWVL7 WMT2 & these new; WHO13 KTVH12 KAKE10 (840 miles), tentative WIBW13 & UHF chs. 15, 33, 46, 52. His log now at 217.

John Cody, Middletown, Conn. -- July 29, Es, WSAV3; July 31, WBA11; Aug 9, Ms, WLWC4 WSM4; Aug 10, Ms, KARK4; Aug 11, Ms, KARK4 KYW3; Aug 13, Ms, KSD5 KTIV4; Aug 15, Ms, WLWC4; Aug 16, Ms, WNEF5; Aug 21, Ms, WBBM2; Aug 24, tropo, WXEX8 WTOP9 WGA18 WAAM13 WBA11 WRVA12 WMBR9; Aug 25, tropo, WTTG5 WLAAM13 (WJZ13 now) WBA11 WGA18; Aug 27, Es, WLBT3. His log now at 45 with 19 new.

Ivon Harris, Chatham, N.J. (Following DX logged at Northeast, Penna.) -- Aug 19, tropo, WTOP9 WJAC6 KDKA2 WRCV3 WFIL6 WCAU10 WRCA4 WABC7 WCBS2 & others closer; Aug 20, tropo, WMAR2 WGR2 WROC5 WBEH4 WABD5 WSyr3 WDAU22 WBR28 WILK34 WART16 & other VHF; Aug 22, WRC4 WTOP9 WHEH8 WJAC6 WRCV3 etc. His log now at 24 with 14 new.

B. J. Bingham, Festus, Missouri -- July 3, tropo, 600 miles, WSPD13 WJW8 WTOK11 WHTN13 KODE12 KTV9 KOTV6 KVO02 KFEQ2 KMBC9 KCMO5 WDAF4 WIBW13 KAKE10 KOAM7 WBBM2 WGN9 WEKB7 WNBQ5 WTTW11 WREX13 KTHV11 etc; July 8, tropo, 600 miles, WJW8 KYW3 WSTV9 WTRF7 WHTN13 KNOE8 WLWA11 WABT13 WEAU13 WTTV13 WKBT8 KTV9 WOOD8 WDEF12 KMPV3 WOW6 KOLN10 KCRG9 WFBM6 WLA05 WKN010 KATV7 WENS10 WOI5 KVO02 etc; July 15, Es, KFBG5 KHPL6 KID3 KMLF4 KOOK2 KDIX2. His log now at 153 with 13 new.

Don Roller, Ft. Wayne, Ind. -- Aug 6, tropo, KTVH12 KAKE10 (both new) KGE05 (at 732 miles) WSIL22 (new) & many others; Aug 16, tropo, WHO13 KRNT8 (new) KWVL7 WOW6 WOC6 WHEF4; Es, CKCK2; Es skip in August included KMLF4 KID3 KOTA3 & new KSPR6. WMT2 also new via tropo in August. Don's log now at 193 stations.

B. H. Rauch, Peoria, Ill. -- July 21, 23, 26, 27, 31, tropo, 200 miles, WTTV4 WISC3 KFVS12 KTVO3 WIT16 WTVW7 WFBM6 KOMU8 KCRG9 WISN12 KRNT8 WPHI0 KWVL7 WHO13 etc on various occasions; July 24, 500 miles, KTVH12 WIBW13 KMTV3 KCMO KODE12 (new); July 25, 450 miles, WTCN11 KMBC9 WAIQ2 (new) (600 miles tropo) KCMO5 WEAU13; Es, CKCK2; July 26, Ms, CKCK2; tropo, KCMO5 WOW6; July 28, Es, KMID2 CMQ6 (new); tropo, 400 miles, WPSD6 WKBT8; Es, KUTV2 KTVR2; July 30, Ms, KTVR2; tropo, KMBC9 KROC10 KCMO5 WOW6 WTVF17; July 31, WXIX19 WTVF17 KCMO5; Aug 1, WTV039 WXIX19 KEL011; Ms, KUTV2 KTVR2; Aug 2, Ms, KTVR2; tropo, KCMO5 WOW6 WPSD6; Aug 3, tropo, 400 miles, WMBV11 WSPD13 (both new) WKBT8 WTTW11; Aug 5, 375 mi., WKZ03 KMTV3 KOLN10 KFEQ2 KCMO5 WOW6 WTV039 WTVF17; Aug 6, 500 miles, WIBW13 KOLN10 WPSD6 KMBC9; Ms, CKCK2 KTVR2; Aug 7, WTCN11 WIBW13 WOW6 etc; Aug 8, 500 mi., KAKE10 WIBW13 KTVH12 WOW6 etc; Aug 9, WIBW13 WKBT8 KCMO5 etc; Aug 10, 11, 13, 14, 15, 16, 19, 20, 21, 22 & 23, tropo, 525 miles, KDKA2 (new) KFEQ2 WKZ03 KCMO5 KEL011 WPSD6 WTCN11 KMTV3 WOW6 WKBT8 WTVF17 WTV039 etc; Aug 15, Ms, KTVR2; Aug 14, Es, KMID2; Aug 22, Es, CKCK2. Very good tropo month. His log 239, 7 new.

**Eastern DX Column...Continued...

Norm Ernt, Kenmore, N.Y. -- Aug 1, trop, WBNS10 WLWC 4 WFLJ 21; Aug 8, trop, CKRS12 (new at 475 miles); Aug 9, WOOD8; Aug 12, WOOD8; Aug 13, aurora, WCBS2; Aug 14, WTVN6; Aug 24, WLWC 4; Aug 26, WRGB6; Aug 27, WTVN6; Aug 28, WTVN6 WGN9 WHI07 WBNS10 WIIC11 (new) WHTN13; Aug 29, WTVN6; Aug 30, WRGB6 WTVN6 WBNS10. Aug 31, WTVN6. All trop. His log now at 134 with 3 new.

Don J. Butler, Montreal, Quebec -- Aug 2, 5, 7, 8, 15, 19, 26, 30, trop, WSYR3; same also for WHEN8; WKTU13, trop, on Aug 2, 5, 8, 15, 19, 26, 30; Aug 19, Es, WBBM2 (new); Aug 26, trop, 500 miles, WGR2 WHEN4 (both new). WROC5 logged on various dates via trop in early AM. Don's log at 20 with 3 new.

Don Middleton, Sanford, Fla. -- Aug 6, Es, KTVO3 WBBM2 IFEQ2; Aug 7, Es, WMT2 WBBM2 WCBS2 KMTV3 IFEQ2 KTVI2 WSYR3 WBAY2 KTCa2; Aug 11, trop, WNET9 WITN7 WPST10 WEA-T12 WCKT7; Aug 24, Es, WDAY2 KGLO3; Aug 25, WBTW8.

Harry Webster, East Jordan, Mich. -- July 25, Es, WLBT3; July 27, Es, KPRC 2; trop, WISN12 WTMJ4 WFRV5; July 30, trop, WCCO4 KSTP5 KGLO3 WTTW11 KCRG9; July 31, trop, WCC6 (400 miles); Aug 7, KDAL3 WDSM6 KSTP5 WEAU13; Aug 10, WJFK2 WISC3 WISN12; Aug 12, Es, KMID2 KFDX3; Aug 13, trop, WFRV5 WBAY2 WTMJ4 WMBV11 WJIM6 WDMJ6; Aug 21, WFRV5 WBAY2 WMBV11 WTMJ4 WISN12; Aug 25, KSTP5; Aug 26, WBNS10 WGN9 WISC3 WGR2 CJIC2 WTMJ4; Es, KCBJ5; Aug 27, Es, KOa4, trop, WITI6; Aug 29, WITI6 WNEM5 WBBM2 WDMJ6. His log now at 45 with 12 new.

Aug 22, trop, WTIC3 (new local) -- William Grant, Worcester, Mass. -- Aug 23, trop, WRCV3; UHF, WATR55 WWLP22 (both new) WHCT18 WNBC30; Aug 24, trop, WFIL6 WCAU10 WTOP9 WTA-R3 WXXS8 WBL11 WMA-R2 (last 5 new) CBHT3 WLB15 WTW02; Aug 25, WaAM13 WGaL8 (both new) WRCV3 WRGB6 WFIL6 WCAU10; Aug 27, Es, WPTV5 WSAV3 WUSN2 WGa5 WCCS5 WCTV6 (new); Aug 30, trop, WaVY10 WVEC15 (430 miles).

David Janowiak, Milwaukee, Wisc. -- July 31, trop, KTVO3 WHEF4 KSTP5 KRNT8 KROC10 WHO13 & those new; WOI5 KMMT6 KELO11; Aug 2, trop similar to July 31, KETC9 (new); Aug 7, KFVS12 KDAL3 KROC10 WHO13 KRNT8 WBNS10 WCCO4 (new) WTCN11 KMG9; Aug 8, trop, CHGH11 KMG9 KRNT8, also Detroit chs 2, 4, 7, 9, Ohios, Indiana & these new; KODEL2 KTVH12 KOAM7 KTTS10 KTHV11 (620 miles); Aug 16, Ms, WTVJ4 (new); Aug 23, Es, CEFT2 CBHT3 CKGW2 (all new) WTW02; Aug 24, Es, KPRC 2 KMID2; Aug 27, trop, 350 miles east; Aug 24, Es, KFDX3 KCKT2 KMTV3 (new); Aug 31, Ms, WOW6. His log now at 166 with 16 new.

Carl Lupton, Shelbyville, Ill. -- July 31, Es, WTW02; WTV WCBS2; trop, WLAC5; Aug 1, Es, KOOK2; Aug 3, trop, 515 miles, KTVH12 KOLN10 KMTV3 KTHV11 WJW8 KYW3 WSIX8 etc; Aug 4, trop, 440 miles, WTRF7 WXYZ7 (new) WJFK2 WTVN6 WLWC 4 WKZO3 WJW8 KYW3; Aug 9, trop, 515 miles, KTVH12 KTTS10 WSM4 WBNS10 WIBW13 etc; UHF, WANE15 WNDU46 WSBT34; Aug 12, trop, 350 miles, KNEC9 KODEL2 WLAC5 etc; Aug 16, trop, 545 miles, WLAC6 WFBQ10 (both new) WTRF7 WKZO3 WTMJ4 WSTV9; Aug 23, Es, CEFT2 WCBS2 WHEN4 (new); Aug 26, IFEQ2; Aug 27, WSPD13 & all UHF out to 250 miles; Aug 28, trop, 380 miles, KTHV11 WNBQ13 WLAC5 WSIX8 WREC3 KWWL7 KRNT8 KCMO5 KMTV3; Aug 29, WJW8 KYW3. Log at 214 with 4 new, 171 photos.

Paul Swartz, Gibsonburg, Ohio -- July 30, WLBC49 (new); Aug 1, WHIZ18 WTAP15 (both new); Aug 3, WXIX19 WKNX57 (both new); Aug 22, WXIX19 WHIZ18; Aug 23, UHF trop, 360 miles, WICS20 WTVH19 (both new); Aug 27, WSBT34 WNDU46 WSJV52 WLBC49; Aug 28, WIIC11 (new). Also WBUF17 WFMJ21 WKBN27 on occasions. Log 172, 8 new.

Bob Seybold, Dunkirk, N.Y. -- Aug 1, trop, WKZO3 WOOD8 WFLJ 21 WKBN27 WAKR49; Aug 2, trop, WFIL6, UHF chs 15, 21, 27; Aug 3, trop, WCBS2 WLWD2 WFIL6; Aug 4, WRCV3; Aug 6, trop, WRGB6 WAKR49; Aug 7, WFIL6 WKBN27 WTVS56 WRAG20 WAKR49; Aug 8, WOOD8 WKZO3 WLWD2; UHF out to 315 miles; Aug 9, WFIL6 WOOD8 WKZO3 WAKR49 WTVS56; Aug 10, WAKR49; Aug 11, WANE15 WKBN28; Aug 13, WOOD8 WKZO3 WANE15 WSBT34; Aug 14, WKZO3 WOOD8; Aug 15, trop, WLWD2 WBBM2 WMBQ5 WOOD8 WKZO3, UHF chs 15, 34, 56; Aug 16, WFIL6 WKZO3 WKBN27; Aug 19, WOOD8 WFMJ21 WKBN27 WGN9; Aug 23, trop, WCBS2 WFIL6. Also new WIIC11 (regular now). Late verie: WTV039.

Welcome mat goes out to George R. Bergen, First & Washington Sts., La Grange, Kentucky, as a new member! His log at 40 with 13 verie letters.

Sept. 6, 1957

WAAM ch 13 in Baltimore, Md. will start using the call WJZ-TV on Friday, Sept. 6th.

CFFA ch 2 Port Arthur, Ont has been testing their new 28Kw Trnsr.

WBUF ch 17 Buffalo, N.Y. went on 1,000,000 watts Fri evening Aug. 30th.

CHCH-TV ch 11 Hamilton, Ont. Supposed to be on soon- 150,000 watts Vis. and 90,000 watts audio. We are sure they will push out a signal

WIIC ch 11 Pittsburg, Pa. started regular programing Sept 1st.

We are sorry to report that there will be no more TV lists available from here, the source of our lists in Washington, D.C. has stopped this service. There are many of our members who have been waiting for these lists and am sorry to say that they will only receive their fee by return mail. If in the future I can obtain such TV lists, I'll surely put notice of same in the bulletin.

Club stationery with personal name & address and business size # 10 Envelopes printed with name & address can be printed here at a low cost to members. (postage will be paid by members with rates higher for postage in Canada) No order less than 200 sheets and 200 of the Envelopes. \$5.50 will cover cost of 200 Of each, plus postage.

I am thinking of getting Club Seals made up, this is a seal about one inch in size and is used for stickers on envelopes etc. Would like comment on this, would you like such a thing or not.? These would be sold at our cost, NO profit involved.. (in fact there is no profit along the line anywhere Hi!)

Now that our Skip season is about over we urge you not to forget DXing as there is much to be had via of bursts (meteor Scatter). especially on DX tests no matter where they are originating from, TRY for them. I am sure those who saw a Resolution Chart with high pitch tone cycle 1000 or over, on Aug. 27th after 1:00AM CST on ch 6 could be could be pretty sure they had KTVC in Ensign, Kansas on their test. Sept. should be the start of our good ground wave reception on the high bands so our attention shifts to that type of reception and I and King Schafer for two, have just installed high band #1869 7-13 Bazooka Antennas, so let the high bands open wide for us-we'er ready! Believe me, these cut 7-13 channel antennas do make a big difference in this type reception. For instance- the very next day after installing the Bazooka I picked up for the first time WDBJ-TV on channel 7 in Roanoke, Va. and the ground wave was not particularly good this day Sun. Sept. 1st. I would not have received this on the low band antenna... Another noticable change is WIIC ch 11 in Pittsburg, Pa. almost double the signal strength over the low band job, yet, my low band Taco which is tied in with it is not affected.

We welcome a new member-Ben "Whitey" Deibler - 178 Main St. Wellsburg, N.Y
Wishing you a good DX year and a lot of enjoyment out of the AIPA Club.

PLEASE

TRY
FOR
THE
TESTS!

PLEASE

A. Collins

"Meteor Scatter Column" Conducted by Carl Lupton, Shelbyville, Ill.

Since the 'Perseids, Kappa Cygnids & Zeta Draconids' showers have been on us for a good part of the month, I find that reception was not above average, possibly due to the solid saturation of gw and E-skip, which has been more than plentiful for all sections.

Barney Rauch, Peoria, Ill. - July 24, KUTV2, WMAR2; July 25, WEAU-13; July 26, CKCK2, CHCT2; July 30, KTVR2, KUTV2; Aug 1, KTVR2, KUTV2, KMTV3; Aug 5, KMTV3, CHCT2, KTVR2; Aug 6, CKCK2, KTVR2, KUTV2, CHCT2; Aug 9, WGR2 (new), WMAR2; Aug 15, KTVR2, KMID2. The times were 0100 and 0330 EDT. Good short report, Barney, keep it up and you'll get better.

Bob Seybold, Dunkirk, N. Y. - July 25, WCBS2, WTWO2, WCSC5, WCYB5, WMCT5, WPTV5, WAG45; July 26, WCBS2 WMAR2 WLWD2 WTWO2 KDAL3 WCYB5 WAG45 WMCT5; July 27, WCBS2; July 28, WCBS2 WRC44; July 29, WCBS2 WBBM2 WCSC5 WAG45; July 30, WTWO2 WBBM2 WCSC5 WAG45 WMCT5 WCYB5; July 31, WCBS2 WBBM2 WCSC5 WCYB5 WPTV5 WAG45 WMCT5; Aug 1, WBBM2 WCSC5 WPTV5 WAG45 WRAL5 WCYB5; Aug 2, WCBS2; Aug 5, WCBS2 WTWO2 WBBM2 WMT2 WCSC5 WMCT5 WLAC5 WAG45 WPTV5 WRAL5; Aug 6, WCYB5 WMCT5 WAG45 KDAL3; Aug 7, WTWO2 WBBM2 WMAR2 WCIA3; Aug 8, WBBM2 WMT2 WCYB5 WPTV5; Aug 9, WCBS2 WTWO2 WMCT5; Aug 10, WCBS2 WBBM2; Aug 12, WCIA3 KDAL3; Aug 13, WCBS2; Aug 16, WCSC5; Aug 19, WTWO2 WCBS2 WBBM2 WMAR2 WCYB5 WCSC5; Aug 20, WTWO2 WMAR2 WBBM2 WMCT5. Bob mentioned being too busy for a solid report.

Doris Johnson, Longview, Wash. - July 20, KOOK2; 21st, KNXT2, KRC44; 23rd, CKCK2; 26th, KNXT2; 29th, CHCT2; 30th, KNXT2; Aug 7, KTVR2; 8th, KLRJ2; 10th, KNXT2 KUTV2; 11th, KRCN4 KPIX5, (both new) KNXT2; 12th, KID3 KUTV2 KOOK2 CFRN3 KFAR2 KENI2; 13th, KNXT2 KG07 (new) KUTV2 KOOK2; 14th, KOOK2. Doris reports a large listing of unids via MS for the month. Better luck next month.

Morris Foote, Middleton, Idaho. - July 29, KVOO2; 31st, KNXT2; Aug 1, KARD3 KYTV3 KGNC4 KNXT2; 4th, KARD3; 8th, KFEQ2 KGNC4 KNXT2; 10th, KFEQ2 KARK4; 11th, KARD3 KRC44; 12th, WKY4 KGNC4 WMT2; 13th, WKY4 KGNC4 KTVO3; 15th, KGNC4 KDLO3 KNXT2 KTIV4; 16th, KVOO2 KGNC4 KMID2 KNXT2. Good report, Morris, want to hear from you more often.

Ed Rugel, Independence, Kan. - A short report for this month, but he reports 5 new stations since the 1st of July, namely WLWT5, WREC3 on 14th; 24th showed WATE6 and Aug 11 WTVN6. Good luck in the future.

Ed Happ, Portland, Ore. - July 10, KRC44; 11th, KNXT2, 17th, KUTV2 KOOK2, 22nd, KBOI2, new; 24th, KOOK2 KNXT2; 26th, KDIX2; 27th, KLRD2; 29th, CHCT2 KNXT2 KLRJ2; 30th, KOOK2; Aug 2, KBOI2; 9th, KBOI2; 11th, KRCN4 KREM2; 12th, KFAR2; 13th, KOOK2. Ed reported numerous bursts which couldn't be identified, including some on the hi-band.

Art Collins, Buffalo, N. Y. - For the month of August, KMVT3, WREC3, WCBS2 couple of times, WSM4 WRCV3, WTWO2, WBZ4, WMAR2, KTIV, WMT2 KFEQ2, KTVO3. Art reports that he has not received any TV lists yet, so my advice is to look via MS for any new stations that come on.

King Schafer, Kenmore, N. Y. - July 27, WCBS2; Aug 1, KARK4; 2nd WTWO2; 3rd, KOTV6; 5th, WMAR2 WBBM2 WMT2 KDAL3; 10th, WBZ4; 11th, WLWD2 KFEQ2 WRC44 WNBQ5; 12th, WBAY2 KSD5; 13th, WSM4 KPRC2; 16th, KVOO2; 19th, WABI5; 20th, WCIA3 WBTV3; 21st, WKRG5. Good report, King, why don't you try for KNXT2?

Jerry Don Burch, Hot Springs, Ark. - July 22nd, WPTV5 WUSN2 WFMY2 WGR2 WBN4; 23rd, KDAL3 WMFD6 WDSM6 WGR2 KDKA2 WFMY2 KFEQ2; 24th, WGR2 KDAL3 WCYB5 KSTP5 KMID2 WFMY2 WUSN2; 25th, KYW3 WBBM2 WRC4 WJBK2 WFMY6 WGR2 WGB42; 26th, KDAL3; 27th, WTAR3 WJBK2 WBTV3 WHBF4. For a summary 22 stations seen a total of 32 times. This in only six days of DXing.

Continued next page

Meteor Scatter Column Continued

Bedford Brown, Jr., Hot Springs, Ark. - July 24th, KFEQ2 WFMY2
WUSN2 CFCJ2 CKCK2 WRC4 WCBH6 WBBM2 WRCV3 WBEN4 WMAR2 WFMY2 WJBK2
WUSN2 WCYB5 WTAR3 KYW3 WBB2 WATE6 WFEM6 WJAC6 WJIM6 WOR2 WMT2 KFEQ2;
25th, WGR2 KMID2 WJBK2 WMT2 KCKT2; 26th, WMAR2 KYW3 WCBH6 WBZ4 WROC5
WNBQ5 WBAL11; 27th, WHBF4 WTMJ4 WCCO4; 28th, WTMJ4 WCCO4; 29th, KDKA2
WBBM2 WJBK2 WFMY2 WUSN2 WCCO4 WHBF4 WBEN4 KDAL3 WISQ3 WMT2 KFEQ2 WJAC6;
30th, WKAQ2; 31st, WRGB6 WJAC6 WRC4 WBBM2 KYW3 KDAL3 WISQ3 KGNQ4;
Aug 1, WJAC6 WRCV3 WMAR2 WRC4 WBBM2 KDKA2 KDAL3 WTMJ4 WISQ3; 2nd, WRC4
KDKA2 WBBM2 WTMJ4 WHBF4; 3rd, WCCO4 WHBF4 WTMJ4 WHBF4; 4th, WGR2 WMAR2
WBEN4 WRCV3 WCCO4 WHBF4 WTTV4 WRC4 WTMJ4 WCBH6; 5th, WJAC6 WISQ3
WCYB5 WAG45; 6th, WJAC6 WISQ3 WCYB5 WAG45; 7th, WJAC6 WCYB5 KGNQ4
WFIL6 WRCV3 WAG45 WKAQ2 CJIC2 WBBM2 WHBF4 WNBQ5 WOIS5 KMMT6 WOAY6
KFYR5 KTIV4 WDSM6 KDAL3 WTMJ4 WCCO4; 8th, WJAC6 WMAR2 WRCV3 WFIL6
WTTG5 WRC4 WRC4 WCBH6 WAG45 WBEN4 WGR2 KYW3 WCYB5 WAG45 WISQ3 KDAL3;
9th, WCYB5 WAG45 WJAC6 WFIL6; 10th, WRC4 WCBH6 WFIL6 WJAC6 WRC4; 11th
WTTG5 WRC4 WGR2 WABD5 WBEN4 WMAR2 WROC5 WCBH6 KYW3 WRC4; 12th, WUSN2
WSB2 WDAY6 KFVR5 WDMJ6 WITI6 KHFL6; 13th, WBAY2; 14th, WCYB5 WAG45
WLWT5 WUSN2 WOAY6; 15th, WCYB5 WROC5 WTTG5 WRAL5 WAG45; 16th, WCYB5
WTTG5 WRAL5 WUSN2 WCBH6 WLWT5 WNBQ5 WAG45; 17th, WTMJ4; 18th, WTMJ4
WHBF4; 19th, WAG45 WCYB5; 20th, WBAY2; 21st, WBAY2; 22nd, WJBK2 WUSN2.

Bedford has now received 71 stations via MS, some notable one being
WKAQ2 at better than 2,000 miles; CKCW2 at 1800, plus some good log-
ging in the hi-band. That Hot Springs really lives up to its name, hi

Ronald Boyd, Truro, Nova Scotia, - July 24, WCBH6 WRC4 WMAR2; 25th
WCBH6 WRC4 WMAR2 WJBK2 WGR2; 26th, WCBH6 WMAR2 KDKA2 WGR2 KYW3 WRC4;
27th, WCBH6 WGR2 KYW3 WBZ4; 30th, WMAR2 WBZ4 WRC4; 31st, WCBH6 WGR2
WMAR2 WJBK2 WSYR3 KYW3 WBZ4; Aug 3, WCBH6 KYW3; 5th, WCBH6 WGR2 WMAR2
WSAZ3; 6th, WCBH6 WGR2 WMAR2; 8th, WGR2 KYW3 WRC4; 9th, WCBH6 WTAR3;
10th, WCBH6 WGR2 KYW3 WTAR3 WBZ4 WRC4 WRC4; 12th, WCBH6 WMAR2 WGR2
KYW3 WTAR3 WRC4 WEWS5; 13th, WCBH6 WGR2 KYW3 WTAR3; 14th, WCBH6 WGR2
KYW3 WTAR3; 15th, WCBH6 WGR2 KYW3 WTAR3 WLWC4 WABD5; 16th, WRC4 WCBH6
KYW3; 17th, KYW3; 19th, WRC4 WCBH6. Summary: 15 stations logged with
2 new (WRC4, WLWC4). Hope you get moved to your new location soon,
and get back in the swing of things. Good luck.

P.S. Art Collins sends a late note pertaining to the special test
that KCTV6 held. Description: Resolution chart with very high tone.
Seen many times. (I didn't see this, Art, you're on your own, hi).

With some members getting situated in their new quarters at
school, etc., some reports were shorter than normal. I am agreeing
with others that this annual shower was not as strong as others, but
the overall response was good. Until next month, good DXing. cfl

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Bedford Brown, Jr., 104 West Mineral Street, Hot Springs, Arkansas****

****NOTE-Please try to get reports for the October bulletin in the mail by Sept. 20th, so that the letters can be forwarded to me at college.

Delinquents-KTRK-13, KTRE-9, WATE-6, WRGP-3, WCTV-6, WFRV-5, KLFY-10, WFBC-4, WDSM-6, KPLC-7, WRC-4, WUSN-2, KPLO-6, WALA-10, WKRG-5, KROD-4, KGUL-11, KFDM-6, WDSU-6, WCAX-3, KGBT-4, WISB-3 (Madison, Wis.), KMID-2.
The above delinquents were contributed by Jim Howarth, Bryan Rawlings, Jerry Burch, King Schafer, Walker Ray, John Parillo, Eddie Albright, and yours truly. We need late verie signers (this summer) for the above stations; the old ones don't work. If anyone can help, would you please drop me a card here in Hot Springs, and I will relay the signers to those who need them. Thanks for all the help on the August delinquents.

WAIQ-All reports to WAIQ should be sent to the Alabama Educational Television Commission, 807 Protective Life Bldg., Birmingham, Alabama-thanks to Ray Escoffier.

Unidentified Programs (All time is E.S.T.)

Gordon E. Simkin, CME, Loma Linda, California

1. Junel7 3:08-3:16 P.M. ch.3-story for tourists in South Africa-Cape of Good Hope.
2. Junel7 5:46-5:59 P.M. ch.3-ABC & Mickey Mouse, ad for "State Trooper" at 8:30 P.M.
3. Junel7 7:15-8:00 P.M. ch.3-Comedy, 7:55-News, Cancos ad, with echo, NBC.
4. Junel7 7:35-8:00 P.M. ch.6-ad for "realistic Fire Engine at 7:59.
5. July21 2:50-3:50 P.M. ch.2-Indian-head test pattern, no call.
6. July24 11:35-11:40 P.M. ch.3-ad for "Radio Free Europe" and some contest to mail to New York City.
7. July26 12:40 P.M. weak picture on 89 MCI US Standards-Any ideas?

Doris Johnson, 146 Maddock Place, Longview, Washington

1. July26 8:20 P.M. ch.3-Live show with wild animals & snakes (snakes) sponsored by Noels
2. July26 5:23 P.M. ch.4-"Live" show--Today, Ladies cooking show.
3. July26 4:50 P.M. ch.2-Old Garry Moore daytime show (he's off now.)
4. July26 4:28 P.M. ch.4-The Jimmy Dean Show
5. July26 3:00 P.M. ch.4-ad to watch the "Hourglass Theater".
6. July26 2:00 P.M. ch.2-"Studio Two Presents Lucky You" at 10:30---
7. July26 2:30 P.M. ch.4-commercial to watch Marge White Show every Mond-Fri. at 3:30 to 4:00 P.M.
8. Channel Two-NBC station on ch.2 calling itself "Your Hoosier Coast Stn."

Michael L. Evangelista, 124 North Fifth Street, Hamburg, Pennsylvania

1. Junel7 8:30 P.M. ch.3-Deep freeze-Antarctica Operation-Disneyland?
2. Aug. 7 8:00 P.M. ch.2-A cartoon-prob. Disneyland, anncr. said at 9:30 the following week "Pluto's Day would be shown.
3. Aug. 7 8:30 P.M. ch.2-a musical show-A man sang the first song, 2nd a girl sang "Black Eye Susie".
4. Aug. 4 12:05-12:30 P.M. ch.2-Indian-head test pattern.

Kingdon P. Schafer, 360 Zimmerman Boulevard, Kenmore 17, New York

1. Aug. 9 Friday, 6:16-6:29 P.M., ch.4-Local live variety program, where head personality wore dark suit and dark hair. There was a large full-piece orchestra on the program.

Berb Webb, 3337 Dewdney Avenue, Regina, Saskatchewan, Canada

1. Weekdays-ch.2-RETMA Chart-2:25, 2:35 and 3:05 P.M.
2. Saturdays-ch.2-CBS Grey type (round) test pattern-possibly KTRK, from around 8:05-8:25 P.M. (E.M. I presume)

Bobby Grimes, 1923 South Taylor, Little Rock, Arkansas-note**weekdays** meteor-scatter-6:50 A.M.-Indian-head tps on chs. 5, 9, and 13. Any ideas?

Jerry Don Burch, 131 Liberty Hill, Hot Springs, Arkansas

1. ms-channel 13-Indian head test pattern on a Saturday at 7:15 A.M.
2. trops-chan. 13-RETMA test pattern at 9:25 A.M.-on July 25, northeast.

Bedford Brown, Jr., 104 West Mineral Street, Hot Springs, Arkansas

1. ms-ch.7-Aug.28-bullseye tps (like WJBK, KARK, WGR, WKY, etc.) 5:52, 6:23 AM.
2. Aug.7-6:35pm ch.2-se-Disneyland (ABC) with Spanish translation.
3. Aug.216-ch.4 NBC Kinescope with Spani trans.-red'd. during WAPA recep., but was not WAPA. 4. See no. 2 of Jerry's unideds.

Morris Foote, Box 153, Middleton, Idaho

1. July 24 11:00am ch.2-announces about public welfare of Topeka, Kansas
2. July 26 5:40pm ch.5-two women talking about food survey to be taken in August in what sounded like Terrytone County.
3. July 31 7:58am ch.2-ms-a tp with call letters that looked like KALD-TV
4. July 31 3:00pm ch.4-ad for suitcases from KORBYS of El Rancho Center followed by Queen For A Day.
5. Aug. 6 2:00pm ch.3-end of Globe News.
6. Aug. 6 6:00pm ch.4-NBC Station W...D..TV(MS Flash).
7. Aug. 7 7:36am ch.2-test pattern with call letters looked like KMOTV
8. Aug. 10 12:40pm ch.3-ball game sponsored by GE-See GE dealers and gave a list of towns including Clear Lake and RRatford?"-Try KGLO??
9. Aug. 11 10:31am ch.4-Oral Roberts.
10. Aug. 13 7:52am ch.4-call let. looked like KMRT. TP was with heavy block-form letters, (could have started with W), prob. not.

Edward Rugel, 304 North Park Boulevard, Independence, Kansas

1. June 22 ~~XXXXXX~~ 7:02 am ch.4-Color Bar TP.
2. June 22 8:20am ch.3-a man playing an accordion & singing in Spanish
3. July 8 7:25pm ch.10-Bold Journey.
4. July 24 6:54am ch.6-TP with call, l c., etc., in a circle in center.
5. July 24 6:56am ch.6-TP with call in upper left part of test pattern.
6. July 24 2:27pm ch.5-Indian-head test pattern(Poss.KNAC, if trop.-B))
7. July 25 7:06am ch.8-Today.
8. July 25 7:28am ch.7-Jimmy Dean Show(Try KHOA-TV.)
9. July 25 4:16pm ch.4-had video carrier on air with tone, no video, until 4:20pm, when call letters on screen and a "BIG" 4 in lower right part of screen with other non-readable things.
10. July 26 2:35pm ch.5-Had a singing weatherman on & then the weather all about Wisc. weather. (It wasn't WFRV.) What about WNBQ?
11. July 26 2:06pm ch.6-NBC MATINEE THEATER(REC'D during receipt. of L.A.)
12. July 27 6:48am ch.4-Color Bar TP.
13. July 27 7:15am ch.5-Color Bar TP.
14. Aug. 8 1:22am ch.2-Midget Wrestling-ms over CHCT-TV.(rec'd at sametm)
15. Aug. 14 4:01pm ch.5-Comedy Time
16. Aug. 14 4:55pm ch.3-Strike It Rick. At 5:00pm -- Art Linkl.'s Housep.

Eddie Albright, 1654 Orchard Home Drive, Medford, Oregon

1. June 29 10:00pm ch.2-east-This Is Your Life.
2. July 11 11:25am ch.4-se-This Is Your Life(TEXAS?)
3. July 17 9:55pm ch.4-east-Shlitz Playhouse
10:00pm ch.4-Luther Transfer & St raze (spot) Franklin Optical (spot), the Boyle-Midway (spots) -I Search for Advent. (Alaska /Feature).
4. July 21 4:45 pm ch.3-east-Lawrence Welk
5. July 21 11:15pm ch.2-east-Lawrence Welk (same prog. as above).
6. July 21 12:00mid ch.2-east Late Show-add-to-it's one min. past mid. and time for the Late Show on ch.2-indic.E.S.T. or C.D.S.T.
7. July 26 1:45pm ch.3-se-News, 1:50pm-Audio-WEJK??, Stu Irwin Show(ABC-K. KTVK, --Blue Plate Mayonnaise.
8. July 26 4:00pm ch.4-east-My Little Margie
9. Aug. 13 9:30pm ch.3-west-ms reception of a man in uniform talking to nether man about Germany with a picture of Stalin in the Background.

John Cody, 299 Cross Street, Middletown, Connecticut

1. Aug. 13 12:50am ch.5-phone or write postal dispatch, then in upper left-block letters that looked like WSO-TV.
 2. Aug. 19 1:00am ch.6-six in bottom-left with design around it, writing at the top of the screen.
 3. Aug. 20 2:00am ch.4-about half dozen boys looking up ~~xxxxxx~~ with wri- ~~xxxxxx~~ on screen.
 4. Aug. 21 1:01am ch.5-man on right talking about a stove in the back.
- continued on next page:-Please make all reports in E.S.T. Thanks, Bedford

continuing with unidentified programs (E.S.T.) John Gady, 229 Cross,

6. Aug. 21 2:00am ch.4-bullseye tp with W-CS in // Middletown, Conn.

// upper left and city in upper right.

7. Aug. 23 2:25am ch.4-man in light suit, black tixe, and balding in xxxm front reading news.

8. Aug. 27 7:05pm ch.4-Lunar of the Jungle

9. Aug. 27 7:10pm ch.4-Shell sports with Dick Stratton, Budweiser ad, before sports, from south or southwest.

10. Aug. 27 7:31pm ch.4-Cisco Kid-so. or sw

11. Aug. 27 8:30pm ch.3-Range Rider-so. or sw

12. Aug. 27 8:30pm ch.3-Name that Tune, followed by Range Rider-so. or sw.

NOTE John did not specify EST, so please check possibly EDST also. Bed.

Bryan Rawlings, 4376 Wilson Avenue, Montreal, Quebec, Canada

1. May 22 11:20-11:30am ch.2-E-skip-sw-CIS-Love of Life, then Search For Tomorrow, 11:30 break had plug for "T> Tell the Truth", and ID slide with huge "2" on ri ht and words, "Giant Tower" and "Going Up" in boxes to left of this.

2. June 29 11:15-11:29am ch.4-E-skip-sw, cartoons.

3. Aug. 11 11:35am, ms, west, ch.6, bulls-eye tp with call (?) printed in black in huge white circle in cantor. (seen sec. after WDSM)

4. Aug. 12 6:44am-ch.4-ms-west-own design tp, black big circle with call (?) printed in huge letters along bottom within center.

5. Aug. 12 6:45am-ms-west-ch.4-slide reading "Industry on Parade."

6. Aug. 13 6:47am ch.3-ms-west-bulls-eye tp & tone. Call in upper left, channel in center, location (at least 6 letters with smaller print beneath) in lower right-all printed in white.

7. Aug. 14 6:59am ch.3-ms-west-own design tp-lots of black & black wedges.

8. Aug. 14 6:59am ch.3-ms-west-slide reading "Coming Up on Channel 3" with "On?) Channel 3" printed in center starting off small & building to huge 3, possibly same station as No. 10 above.

9. Aug. 20 6:55am ch.3-ms-sw-bullseye with no black wedges and a four-letter call in the upper left, and location in lower-right. Could it be WCIA or KTVO or KMTV, which one?

Ray Escoffier, 230 Citrus Rd., Harahan Br., New Orleans, Louisiana.

1. Mon-Fri.-ch.3-IHTP-6:50am.

2. ch.6 Bullseye tp with writing in all four corners, call in lower left left-6:50am on July 25th.

3. Mon.-Fri. ch.5-tp like WGLA, WOAI, etc.-6:00-6:30am

4. ch.2-tp is a small circle (about size of a saucer), no ID, on Sunday.

5. 10:35pm-ch.2-RETMA Chart tp.

6. ch.2-IHTP. 4:35pm

7. Bullseye tp like (WGR WMT KARK WKY WTMJ WTAR, etc.) ch.4 7:00on (mon-fri)

8. IHTP ch.5-6:20 Mon-Fri. (I would also like to know about this. Bedford)

9. IHTP ch.2-seen on Sunday, Indian head was below the center of pattern

10. channel 10!! tp sim. to no. 7 but had black wedges in all 4 corners.

~~XXXXXXXXXXXX~~ Ed Hepp, 4512 N.E. 37th Ave., Portland 11, Oregon

1. May 15 9:35pm ch.2-ad for Kruger's Jewelry then back to movié called "Storm Warning" on " Theatre".

2. May 18 1:10am ch.4-Starlight Theater ending, movié tonight was Black Swan starring Dick F well (Ed, Tyrone Power and Maureen O'hara starred in this movié), sponsored by Feder's Jewelry, next week's sponsor is Pearl Beer, brewed in San Antonio (WOAI?)

3. May 27 12:20am ch.3-Mr. District Attourney

4. June 13 10:30pm ch.4 ad for Royal Crown Cola, then announcer said: "Time 10:30, due to circumstances beyond our control, Dagnet will not be shown tonight, instead we have BADGE 714. EST? CDST?"

5. June 21 12:03am ch.2-ad for Swab Motors then back to Tower Theatre with Brian Donlevy.

6. June 21 8:53pm ch.3-Disneyland

7. June 21 9:04 pm ch.2-Science Fiction Theater."

Sorry, Ed..out of space, rest of your unideds will be published next mo.

Please take the time to check the unideds, thanks for the reports, Bedford

*Western DX Column.....

Al Caldwell, Proclon, Pa. -- Aug 3, trop, WTAR3; Aug 5, WGR2(new); Aug 9, Es, KTVI2 WBAY2; Aug 11, Ms, WTBS5; Aug 13, Ms, WRAL5(new); Aug 16, trop, 250 miles; Aug 23, WTIC3(new on test); trop, 480 miles, WXEX3 WTAR3 WGL18 WBAL11 WTOP9 etc; Aug 27, Es, WSB2 KVOO2 WB-H2 WDBO6 WREC3 WCTV6 WKR5 WEAR3 WLBT3; Aug 29, trop, WAVY10(new at 460 miles); Aug 30, 450 miles(trop). July 31, Es, KTVO3 WMT2 KGLO3 WBAY2. Log at 128 now with 4 new.

Ghislain Girard, Arvida, Quebec -- July 31, Ms, WMAR2 WBBM2; Es, WSB2; Aug 1, Ms, WMAR2 WBBM2 WCIA3 WJEK2; Aug 2, all Ms unless otherwise noted, WBBM2 WJEK2; Aug 3, WCIA3 WMAR2; Aug 4, WCIA3 KDAL3; Aug 9, WMAR2 WBBM2 WCIA3; Aug 10, WBBM2; Aug 11, WAVE3 WSM4 KGLO3(new); Aug 12, WBBM2 WAVE3 WCIA3 WPTV3 KDAL3; Aug 13, WMAR2 WBBM2 WCIA3; Aug 14, unided ES; Aug 15, WBBM2 WCIA3; Aug 16, WGR2 WJEK2 WBBM2 WCIA3; Aug 20, WCIA3 WPTV3 WBBM2; Aug 21, WBAY2 WMT2; Aug 23, Es, WTTV4 WKZO3 WJEK2 KGLO3 KTVI2(new) KTVO3 WOW6(new); Aug 24, WCIA3 WKZO3; Es, WSB2 WMAR2 WJSN2; Aug 25, WMT2 WMAR2 WTAR3 KDAL3; Aug 27, tentative KTVO6 on DX test; Aug 29, Es, WPTZ5(new). Trop from CEFT2 CHLT7 often. Log now 57, 4 new.

Clarence Rareshide, New Orleans, La. -- July 30, trop, KPRC2 KGUL11 KTRK13 WAFB28(new); July 31, WAIQ2; Aug 1, Ms, WGR2; ~~Aug 2, trop, KARK4 KTRE9~~; Aug 2, trop, 700 miles, KCOM5(new) WGEM10 KFVS12 KHQA7 KWTV9 KRLD4 etc; Aug 8, Es, WQAY4 WUNC4 WSAZ3(all new) WRAL5 WROC5 WBBN4 WGR2; Aug 6, Es, WMAR2; Aug 10, trop, WJDM7 WCB14; Aug 11, Ms, KMTV3(new) KXJB4; Aug 14, Ms, KKW3 WJIM6(new) WFIL6(new) WCIA3 WAVE3 KFEQ2; trop, WCTV6(new) WERC6 KLTV7 WSFA12; Aug 17, Ms, WFIL6 WMPD6(new); trop, KWTX10; Aug 16, KRDC9(new); Aug 18, KMTV7; Ms, WGR2; Aug 23, Ms, WCBS2 WAVE3 WTVR6(new) WFIL6 KFEQ2 WRC4 KDKA2; Aug 24, Es, WBAY2 KXJB4; Aug 22, Es, WGR2 WBBN4; Aug 26, Ms, KTVO6(on DX test), Es, WCBS2 WGBH2; trop, KLSE13(new); Sept 1, Ms, WOW6(new). His log at 195 with 15 new.

Bill Meers, LaGrange, Kentucky -- Aug 18, trop, KHQA7; Aug 24, Es, KFBC5 KHPL6; Aug 27, trop, WDBJ7(new). Some of Bill's better loggings in the past include on the high band: KOAM7 KWWL7 KRNT8 KMBC9 KCRG9 WKN010 KTHV11 KELO11(683 miles) WIDW13 WHOL3 WTTV13; on the low band(skip): CKCW2 KOOK2 CKCK2 KOB4 KGBT4 KOSJ5 KRMA6. His log at 109 stations.

A note about Clarence Rareshide's log which now stands at 195(near 200). Despite the problem of a strong local and a new one on channel 4 soon to be on, he has achieved this total of 195 stations in the very short time of 8 months. Quite an achievement for any DXer(TV) I would say!

Miscellaneous Report:

Hal Glick, Yellowknife, NWT. -- August 3, KFAR2 CKCK2; 4th, KFAR2; 5th, CKCK2 CBWT4 CHCT2; 6th, CFRN3; 7th, KFAR2 CKCK2; 8th, KDIX2; 9th, CBWT4 CEFT2; 11th, WGR2 KDAL3 KSTP5 WDSM6 CKCK2 CKX5 KXJB4 CHCT2 KFAR2 KFBB5 CFRN3 KXLY4. KHQ6(what a session of skip); 12th, KREM2 CKCK2 KHQ6 KFBB5 KXLY4; 13th, KING5 KREM2; 15th, KREM2; 14th, CKCK2; 15th, CKCK2; 17th, CKCK2; 18th, CKCK2 KFAR2; Aug 20, CBWT4 CKX5 KFAR5 KHQ6 KREM2 CHCT2; 26th, CKCK2 KDLO3 KFAR5 KFAR2; 28th, KFAR2 CKCK2.

Harry E. Apley, Akron, Ohio -- July 31, UHF, WANEL5 WKJG53 WSBT34 WNDU46 WLBC49; July 19, UHF, WUUF17. Some of his E skip loggings of past include: GMA2 KPRC2 KFDX3 WMBR4 KTVR2 (former KFEL2) KOA4.

IDX LOGGINS OF THE MONTH: PRG3 (2) at 5,000 miles, a ch 3 (tent Buenos Aires, 5,125 miles, and Venezuela on 2 and 4 and 5 and NINE (9) at 2300 miles by who else? But Bedford Brown. Venezuela on 2 and 9 was also caught by a new DXer, Bobby Grimes of Little Rock, Ark. This was all done on the evening of August 2, with Bobby seeing the channel 9 station about two hours before Bedford. Would everyone please send to me detailed logs of all TV-DX on Aug 2? Although not this month, Doris Johnson IDed one of her unided IDXers of July, with a verie from WORA-5 in Mayaguez, P.R., logged July 21 at 1914 PST. Her verie, signed by Natty Lopez, Secretary, says "We hereby verify the exactness of your fine report." This is a neat 3,650 miles on channel 5. REPORTS: Another interesting letter from IDXer George Palmer of Australia informs me that he is presently on a three month voyage. During this time, he will visit Bangkok for TV info. He will return for TV DXing sometime in October.

Hal Glick of Yellowknife, NWT; July 5, WDSM-6; 11th, OKOK-2; 12th, KPAR-2, KUTV-2, KID-3, KDOI-2; 17th, KDIX-2 (1 sec) WKZO-3 very clear; 19th, WGR-2; 20th, unideds on 2-4; 21st, unideds after 2300; 22nd, KPAR-2, CBWT-4, KFBB-2; 23rd, KPAR-2; 24th at 0115, a jumble on ch 2 from SE; 25th, KOOK-2, KPAR-2, CBWT-4, and tone on ch 4 at 0030 and no picture, and again at 2340, pictureless tone, 4 & 5 - also unideds on 2-6 at 2330, and "venetian blinds" on ch 6 from the NE! 27th, babysitter reports OKOK-2 as excellent for a few hours; 28th, KPAR-2; 29th, CBWT-4; and the 30th KPAR-2, CBWT-4, and CHOT-2. Thanks again for the IDX report, Hal.

A welcome to BOBBY GRIMES, a new member in Little Rock, Ark. He checks in with some superb IDX. On August 2, he logged YVKS-2 from Caracas, Venezuela, and a relay of YVLV from Maracaibo on ch 9! On Aug 14, OKOK-2 was "better than the local" for 40 minutes. Thanks a lot, Bobby, and keep up the good DXing.

Champion IDXer Bedford Brown of you-know-where sends in another long report. On July 24, 8 hours of DX brought CBFT-2, OKVR-3, CBHT-3 DH (double hop), CBOY-4, OKOK-2, OFOJ-2, OKK-5 (tent), CBWT-4, CJIC-2. 26th, XEW-2, XHTV-4, XHGC-5, CMH-3. 28th, XEW, CBFT-2. 29th, XETV-6 (tent), CJFT-2. Then August 2, the mystery day! "Propagation unknown, no single hoppers observed." EST 1600-1616, YVKS-2, good audio, scrambled video. 1645-1702, PRG3-2 at 5,000 miles, very poor audio and video, US standards, Portuguese Language. 1900-1920 TV B.A.-3 (tent) 5,125 miles, scrambled video, Spanish audio mentioned Buenos Aires several times. 2110-2142, YVKS-2, YVLV-4, YVKA-5, and the ringer, 2120-2142, YVLV relay on ch 9 from Maracaibo, all about 2300 miles. The ch 9 was the strongest, with ch 4 being strongest of the low banders. All hashed eggs for pictures, but all but ch 2 had good sound. WOW "W-O-W" ! And Aug 7, YVKS-2 DH E, 1700-1730 EST, more eggs in picture (could it be because they don't use exact US Video standards?) and also CMAB-2, HIT-4 DH, WKAQ-2 DH, TG-BOL-3, XEW-2 (twice), XHTV-4, XHGC-5, CBFT-2, OFCM-4 DH, OKMI-5 DH, TG-BOL-3 again, and OKOK. 8th, TG-BOL-3; 10th, CJIC-2; 11th, CMAB-2, CMBF-3&4; 12th, OKOK-2, CBUT-2 DH; 14th, OKOK-2, OKK-5 (tent) both excellent; 15th, WAPA-4 DH, WKAQ-2 DH; and XEW on the 19th. Anyone looking for real estate near Hot Springs? Thank you muchly, Bedford, for the report.

Percy Cox of Visalia, Calif., reports some good IDX of June and July. On June 27 & 28, he caught Venezuela on chs 2, 4, & 5 along with PRG3 (all tent). And on July 3 & 4, he saw WAPA-4 (tent) and WKAQ-2 (tent). Last Feb he logged TG-BOL-3, and XEX-7! That's good DXing Percy, but how about monthly reports?

Ed Rugel of Independence, Kansas, says CHOT-2, Aug 8 and OKOK-2, OKK-5 on the 14th is his only IDX for the month! Thanks for your report, even though short.

STATIONS: CMBF, CADENA NACIONAL, S.A., San Miguel Y Mazon, Apartado 628, La Habana, Cuba, (signer - Angel Barranco, Technical Director) sends the following information: "CMBF... (net) began its operations on April 1st of this year, and is the result of a merger of 'Television Nacional' (channel 4) with 'CMBF-TV' (channel 7), plus a sizeable investment of new capital." Here is their network, as of July 24, 1957: Ch 2, Ciego de Avila (Under Construction) ERP 3KW; ch 3, Santa Clara, ERP 30KW; Ch 4, Havana, ERP 99.7KW and Camaguey, ERP 30KW; ch 5, Santiago de Cuba (U.C.) ERP 15KW; ch 8, Holguin (U.C.) 15KW; and ch 13, Matanzas, ERP 28KW. They are on the air from 0900 to 2400 or later 7 days a week. (EST) Incidentally, the reply was in perfect English. So far, none of these are actually new stations, but only a change in call letters, due to a merger, so if you had the old CMA station, don't count these as new. Their Test Pattern is similar, but no longer has the familiar "Television Nacional" in the center, of the "Canal 3" and "Canal 4" in the upper left and lower right, but CMBF-TV in the upper left, and "CADENA NACIONAL" in the lower right. (TP info from Bedford.)

F₂ DX PREDICTIONS: In November, almost the entire US will have a chance of at least hearing the BBC. The average MUF will reach 44 Mc in the east, and central US, and 41 Mc in the West. The Average day, signals from the BBC will be reflected from 1300 to 1800 GMT up to 44 Mc, and on peak days from 1030 to 2000 GMT and up to 54 Mc. The Eastern Seaboard will be the best location, and the NW US the poorest. In the US, the signals will be brought down from 0930 to 1500 LST and up to 45 Mc on the average day. Peak days may show DX from 0600 to 1715 LST and up to 55 Mc. Again, both the BBC reflection and the US end have to be good at the same time, in order for DX to be seen or heard. EST plus 5 hours equals GMT (London time). BBC reception the long way around is a distinct possibility, overlapping with the short path reception in most of the US. The far SW US is best located for this, and openings around 2300 PST may well occur (but is the BBC on the air at 0700 GMT?). DX the long way around will be received from the exact opposite direction as the short path (except for scatter), and a good directional antenna would be needed to prove it was the long way around. If short path DX is present, the long way DX will cause sever ghosts. Scatter may also be present, but again will most likely occur during short path DX, and do nothing but add to the ghostly F₂ characteristics. Other European stations will be heard (and seen) generally showing up a little later and fading sooner, especially as the frequency get higher. The farther East the station, the less likely to be seen, especially in the far west, except by reception the long way around, it is reversed. Latest known BBC operating schedual: 1100-1300, 1500-1800, 1900-2300 GMT, except Sunday 1400-1800, 1930-2300 GMT. It frequently has TP with tone or music during the off periods.

It is possible that the ch 2 picture from Venezuela may be reflected around 0930 EST on peak days in Nov, to most any part of the US. DZAQ-3 will still be bounced into the Pacific, but less than in Oct. Times about the same. Ch 2 picture from Hawaii may also be reflected between 1300 and 1900 EST to most of the US, the South and West being most likely. The farther from Hawaii, the earlier in the day the DX is likely, except that there may be a peak around 1900 EST. .XIII

Locally, the only DX of any kind has been F₂ DX on 35.58 Mc from Hawaii, daily since the 14th, with a peak on the 25th. On this date, the first F₂ from the US came through since early May. This came as an early evening opening to Florida, that exceeded MUF predictions by 12 Mc! This peak falls right into the 28-day pattern of last year. On this basis, I will predict that Sept 21 will bring the first F₂ DX from Europe. Oct 19 ought to be a good date in most of the US, while further peaks should be noted near Nov 17 and Dec 15, with E_s likely from Dec 12 to 26.

EUROPE TV CONVERTER: Lack of interest in a converter for Europe TV DX makes it impractical to list full details in this column. Possibly lack of self-confidence in building such a converter may have something to do with the lack of interest. Plans are this: Buy a Heathkit FM-5A FM Tuner kit (Heath Co., Benton Harbor 20, Mich. It will cost \$25.95, cabinet and tax included; wt.-7 lbs.). Build it as an FM tuner by the supplied instructions. This is very important, as it is the only way that a defective part may be found, if one is present. If their easy, step-by-step instructions are followed without haste, anyone over 12 years old should have success this far, and if not, Heath Co. will put it in order for \$5 plus any new parts, if needed. Then changes to make it be a broadband TV converter for the range of 40 to 60 Mc is not much harder. If you are going to try, order your kit now, and also let me know that you are doing so (along with the information requested last month). When your kit comes, follow their directions to the letter. And then let me know that it is working OK as an FM tuner. Additional parts may be about \$10, and if you can't get the extra parts locally, I'll do my best to supply them to you, along with ready wound coils, for a price. So how about enough interest in this to warrant putting the conversion details in my next column?? By the way, neither Heath Co., nor myself can guarantee results of a kit modified from its original plan, but I'll do my best.

Now to list as much information as possible on foreign TV stations. No real up-to-date information is available. To simplify listings, I will list the 5 principal standards of the world, a numerical channel designation listing frequencies for each system, and then a station list in order by the video frequency, not including US channels, then a list on US channels but not including the US, Canada, Cuba, Mexico, or US possessions, of stations below 110 Mc - a few higher. Operating powers will not be listed on most of these, as anything ov 50 watts is good game for F₂. If you wish to know the power for a station, send me a self-addressed post card with the info you have, and a blank line for desired information. .XIII

Information is compiled from: Aug '57 Radio-Electronics, 3BC verie, "Broadcasting Stations of the World" Part IV, F. & TV Stations (for sale for 75¢ from the Superintendent of Documents, US Government Printing Office, Wash., D.C., but info is over 2 years old.), a list sent me by Larry Vohorn, and the 1956-57 Telecasting Yearbook. Note that the picture standards of Europe, Russia, Venezuela, and Argentina are very near to the US, and will be see-able on most US TV sets - if they are provided with a means of tuning to their video frequency. That is where the converter I spoke of comes in.

REPORTING IDX: In reporting IDX, please, if the DX is over 2,000 miles (or 500 miles above ch 6) list the following if you possibly can: exact time of beginning and end of reception, time of peak reception, ALL other DX on that same day, the method of IDing the station, picture characteristics (photo if possible, regardless of how poor the picture is), and just everything else you may be able to put down that might be of help in studying what has happened. I would also like such lists for all DX over 3,000 miles in the past. Of course, list the date and time system. It would save possible confusion, if you'd use the 24 hour method (for all logging), not AM & PM.

THE FIVE MOST COMMON STANDARDS OF WORLD TV STATIONS:

U.S.A., 525 lines, 30 frames, 6 Mc channel, N video, FM sound 4.5 Mc, H-15,750, V-60
 Europe, 625 lines, 25 frames, 7 Mc channel, N video, FM sound 45.5 Mc, H-15,625, V-50
 Russia, 625 lines, 25 frames, 8 Mc channel, N video, FM sound 46.5 Mc, H-15,625, V-50
 B.B.C., 405 lines, 25 frames, 5 Mc channel, P video, AM sound 3.5 Mc, H-10,125, V-50
 France, 819 lines, 25 frames, 14Mc channel, P video, AM sound 11.15Mc, H-20,475, V-50

P - Positive picture, N - Negative picture (like the US), Mc - Megacycles,
 H - Horizontal scanning frequency, V - Vertical scanning frequency, + - plus.

NUMERICAL DESIGNATION OF CHANNEL FREQUENCIES:

U.S.A., ch 1-449.75 V45.25, ch 2-459.75 V55.25, ch 3-465.75 V61.25, ch 4-471.75 V67.25
 ch 5-481.75 V77.25, ch 6-487.75 V83.25.
 Europe, ch 1-446.75 V41.25, ch1A-446.75 V42.25, ch 2-453.75 V48.25, ch2A-455.75 V49.25,
 ch 3-460.75 V55.25, ch 4-467.75 V62.25, ch4A-487.75 V82.25.
 Russia, ch 1-448.25 V41.75, ch 2-456.25 V49.75, ch 3-465.75 V59.25, ch 4-483.75 V77.25.
 B.B.C., ch 1-441.50 V45.00, ch 2-448.25 V51.75, ch 3-453.25 V56.75, ch 4-458.25 V61.75,
 ch 5-463.25 V66.75.
 France, ch 1-442.00 V46.00, ch 2-441.25 V52.40, ch 3-467.75 V56.15, ch 4-454.40 V65.55.

A-Audio freq, Mc. V-Video (picture) freq, Mc. ch-channel.

STATIONS: (E-experimental, C-under construction, P-planned, T-temporary.

- 41.25 Europe ch 1, none listed.
- 41.75 Russia ch 1, East Germany - Berlin; Hungary - Budapest-E.
- 42.25 Europe ch1A, none listed.
- 45.00 B.B.C. ch 1, London (Crystal Palace), Divis (Belfast).
- 45.25 U.S.A. ch 1, obsolete, 1948.
- 46.00 France ch 1, Paris, 441 lines, 25 frames, AM sound, N, reported as off the air.
- 48.25 Europe ch 2, Belgium - Antwerp (Flemish Language); West Germany - Grunten, and Bremen; Netherlands - Einchoven-E; Switzerland - Berne (German Language); Yugoslavia, - Belgrade-E.
- 49.25 Europe ch2A, none listed.
- 49.75 Russia ch 2, Czechoslovakia - Prague; Hungary - Budapest; USSR (CCCP) - Moscow, Kharkov, Odessa.
- 51.75 B.B.C. ch 2, Holme Moss, South Devon, Rosemarkie, Londonderry, Brighton-T.
- 52.40 France ch 2, France, Caen; Saar (W Ger) Saarbruecken-C.
- 55.25 Europe ch 3, Belgium - Loige (819 lines, 25 frames, 7Mc ch, P video, AM A60.75) (French Lang.); Denmark - Fyn; W Germany - Bremen, Kreuzberg; Spain - Madrid-E; Switzerland - Zurich (German Lang.).
- 56.15 France ch 3, none listed.
- 56.75 B.B.C. ch 3, Kirk o' Shotts, Rowridge (Isle of Wight), Norwich, Blaen Plwy-G.
- 59.25 Russia; ch 3, Bulgaria - Sofia; E Germany - Leipzig; Hungary - Budapest; USSR - Riga, Tallin.
- 61.75 B.B.C. ch 4, Birmingham, Meldrum, Sandale, Los Platons (Channel Islands).
- 62.25 Europe ch 4, Italy - Monte Luco, Monte Nerone, Monte Pellegrino, Monte Penice, Naples, Pomarico; Netherlands - Eindhoven, Utrecht Lopik; Denmark, - Copenhagen; W Germany - Flensburg, Hechingen; Norway - Oslo-E; Sweden - Stockholm-E; Turkey - Istanbul-E; Switzerland - Geneva (French Lang.); Thailand (Siam) - Bangkok (also listed on US channels 3 & 4 with US standards!).
- 64.25 Australia, (A69.75, otherwise like Europe) Melbourne, Sydney.
- 65.55 France ch 4, none listed.
- 66.75 B.B.C. ch 5, Cardiff, Newcastle, Douglas-T, Isle of Man-C.
- 77.05 Russia ch 4, USSR - Moscow

- 64.25 Australia, (A69.75, otherwise like Europe) Melbourne, Sydney.
 65.55 France ch 4, none listed.
 66.75 B.B.C. ch 5, Cardiff, Newcastle, Douglas-T, Isle of Man-O.
 77.25 Russia ch 4, USSR - Kiev.
 82.25 Europe ch 4A, Italy - Babbe Urbara, Gambarie, Monte Argentario, Roseto Capo Spulico, Turin.
 89.25 Russia, Poland - Warsaw-E. (A95.75).
 99.90 Russia, E. Germany (A106.40).
 103.25 Japan, (US standards, all except channel frequencies) JOHR Hakodate-O, JOAR Nagoya, JOAK Tokyo, JOLK Fukuoka, ? Hiroshima, JOHK Sendai-O, (A107.75).
 IDX ON US CHANNELS WITH US STANDARDS: (-S - 625 lines, 25 frames, H-15, 625, V-50)
 Ch 2, Brazil - PRD5 Rio de Janeiro-O (logged as seen in US with call PRG3), PRA6 Sao Paulo-P; Panama - HOA Panama City; Venezuela - YVKS Caracas-S, Maracaibo-S YVKS Relay.
 Ch 3, Brazil - PRF3 Sao Paulo (to move to Ch 4); Philippines - DZAO Manila; Guatemala-TG-BOL Guatemala City; Argentina- Buenos Aires-? (reported as seen in US)-S.
 Ch 4, Brazil - Belo Horizonte PRH6, ? Porto Alegre-P, PRE8 Rio de Janeiro-P; Dominican Republic - Ciudad Trujillo HIT, HIT Relay Santiago de los Caballeros; Venezuela - YVLV Caracas-S.
 Ch 5, Argentina - Buenos Aires-P LRL6-S (reported seen in US); Brazil - Sao Paulo; Peru - Lima-O; Venezuela - YVKA Caracas-S.
 Ch 6, Brazil - PRG3 Rio de Janeiro; Colombia - HJRN relay Medellin; El Salvador - YSEB San Salvador; Uruguay - Montevideo-P.

This list is not perfect, and corrections are welcome and will be listed.

SHORTS: Jimmy Brown of Jackson Miss., wants to trade a US TV for a British one. Anyone know a British TV DXer who might trade? John Parillo of Girard, Ohio, mentions that XEJ-5 of Juarez, Mexico, may be addressed at PO Box 442, El Paso, Texas. Gene Webb of Seattle, Wash., sends many interesting newspaper clipping. Included: Russia claims 27 TVs on the air, and that they will be operating a TV station on the MOON! Oh yes, by 1970. Dutch TV DXers report receiving Moscow and Bucharest. Moscow is planning a TV tower 1/4 mile high. Percy Cox of Visalia, Calif., reports a verie from YVLV-4 signed by M. Sapkowsky. They also claim relays on chs 9 & 11 with 15KW ERP. Programs from 1150-1415 and 1653 to 2330 their time, but it is not known their relation to US time. He also mentions, if your verticle sync doesn't have enough range to lock a 2 5 frame picture in, your vert size or linarity will help. Be sure to mark where it was, so it may be returned properly.

"Operation Smokepuff" is at last getting under way. Present plans are for rockets to be fired on Sept 25 and 27, although they may be delayed a day at the last minute. Times are not yet available. They expect "hams" to be able to us 144 Mc, and they say in may be like MS, except it will last longer - 30 minutes to an hour. Watch your newspaper for more information. It just might cause some high band DX. For personal interest, I'd appreciate reports of all DX that you think may have been a result of these rockets. Give all the details you can, especially starting time, picture quality, and fading characteristics.

CHAT-TV, (ch ?) Medicin hat, Alta., is to start programs on Sept 1. OFPA is to change call letters to CFCJ. CHET-TV-2, Kelowna, B.C., starts Sept 1 with relays at Vernon-7, and Penticton-13. CKSO-TV-3 (ch 3), Elliot Lake, Ont., a satellite of CKSO ch 5, Sudbury, Ont., is to be on the air on Oct 15. WDTV, Columbus Bay, Christiansted, V.I. is to be completed by Dec 24 this year, but no channel was listed. AT&T is testing a tropo scatter link from South Florida to Cuba and return near UHF chs 75 and 82 with 100,000KW (100 Megawatts). They plan to send the world Series to Cuba live this year. Certainly with that much power, there is a chance for some real UHF IDX when TV is transmitted to the US. It is unknown as to how much TV they will be sending, or if call letters will be used. The primary use will be for 300 telephone channels each. PLEASE report anything that you think might be fom this source. (preceeding info from "Broadcasting-Telecasting") Radio Electronics reports that a TV station in North Africa will be operated with French standards, except that it will have both French and Arabic sound at the same time by a special pulse-time modulation set-up. This will sound like two stations at once on an AM receiver - again, no channel listed.

That's it for this month. Hope there is something of value here for each AIPAer.

-Gordon E Simkin

Hi! I want to wish Frank Hill, a very happy birthday. Frank has been such a wonderful help to me, DX wise--He's a pretty swell guy, and a top DXer. Thanks Frank! I spent a very enjoyable day with Ed Hepp of Portland, Ore. Ed is such a nice young man and a very deserving DXer. I've certainly met some nice people since joining our club.

Bobby Grimes of Little Rock, Ark.: Aug. 1, WBAY-2, Aug. 2, WTVN-6 KTVG-7, KLTU-7, WVKX-2, Maracaibo Venezuela on ch. 9. Aug. 3, KSD-5, WFAA-8, KWK-4, KSLA-12, KRLD-4. Aug. 4, KRLD-4, Aug. 5, WBRZ-2, WKNO-10, Aug. 6, WSIX-8, KLTU-7, Aug. 7, CBFT-2, CKCK-2, XEW-2. Aug. 8, KLTU-7, WGR-2, KVOO-2, WISN-2, Aug. 10, WBBM-2, KRLD-4, KVOO-2, Aug. 11 KYW-3, WBRC-6, WDSV-6, WDEF-12, WTVN-6, KSLA-12, KTTS-10, Aug. 12, WFAA-8, Aug. 13, KTBC-7, Aug. 14, KLSE-13, CKCK-2, Aug. 15, WDEF-12, WKNO-10, Aug. 16, KFDM-6, KSLA-12, Aug. 18, WDEF-12, WBRC-6, KSD-5, KWK-4, WKY-4, KVOO-2, KTTS-10, Aug. 19, WBRZ-2, Aug. 20, KVOO-2, 104 logged with 14 new. This is real good for your first report.

Jim Dillon and Bert Webb of Lumsden Beach for summer and Regina. June 25, KCKT-2, July 3, KARK-4, KGEO-5, July 4, WBAP-5, July 9, CFQC-8, New, July 13, KVOO-2, July 14, WKY-4, CFQC-8, July 19, WLWC-4, WLWT-5, WFBM-6, July 20, KMID-2, July 21, KTVK-3, Every day--KAMV-or KUMV-8 at 200 miles. 60 logged with 3 new. KMID-2 also new. Northern lites seen from the N.E. on July 19.

Morris Foote of Middleton Idaho, : July 24, KOTV-6, KARD-3, WOI-5 KFEQ-2, KHAS-5, WDAF-4, WOW-6, KCMO-5, KMTV-3, WMT-2, KMMT-6, KGLO-3, KTIV-4, KCKT-2, KSTP-5, WCCO-4, KFYZ-5, new, KXJB-4, July 25, WKY-4, KR0D-4, July 26, KMID-2, KFDX-3, KGN0-4, KTVK-3, KNES-5, KCEN-6, KOB-4 July 28, KTIV-4, WBBF-4, Aug. 10, KFEQ-2, KMTV-3, Aug. 11, KFEQ-2, ~~KXXXXX~~, Aug. 15, KARD-3, KCKT-2, KR0D-4, 77 logged with 1 new. Lots of good MS--look in Lupton's MS column. I enjoyed meeting you Morris!

Allan Livingston of Tulsa, Okla.: June 25, KNEW-8, June 30, KENS-5 July 3, WGEM-10, WOW-6, WHIO-7, WMMX KMBC-9, WHBQ-13; July 8, WTHI-10 WISH-8, KSD-5, WCPO-9, WHTN-13, KFVS-12, Total logged 61, with 13 new.

Dennis Smith of Wasco, Calif.: June 27, KMID-2, June 28, KMID-2, CBUT-2 new, KOOK-2, KFEQ-2, KMTV-3, KFDX-3, WOAI-4, KEDY-4, KRLD-4, KOA-4 new, KENS-5, KSYD-6. July 10, KOOK-2, KTWO-2, new, CKCK-2, KOTA-3, KRLD-4, KFYZ-5, KFEQ-2, Aug. 4, KMID-2, 3 stations new this time bringing his total up to 79.

Ed Hepp of Portland, Ore.: July 25, KTVK-3, KNXT-2, July 26, KNXT-2, WMT-2, KGNC-4, KLRJ-2, KTIV-4, KVOA-4, KCKT-2, KMTV-3, KFEQ-2, KUTV-2, KARD-3, KBTX-3, new, KOA-4, KHAS-5, KTBS-3, KR0D-4, KOOK-2, KOB-4 KFDX-3, KVOO-2, KTVR-2, KDIX-2 (MS) KTVK-3. July 27, KLRJ-2, KXLY-4 (trops) July 28, KDIX-2, KDLO-3, KXJB-4, CBWT-4, KFYZ-5, CKX-5 NEW, CKCK-2, CBUT-2 tropes, July 29, KFEQ-2, KTIV-4, KMTV-3, KHAS-5, KFBC-5 KOA-4, KTVR-2, KOTA-3, CKCK-2, CFRN-3, CHCT-2. July 30, KUTV-2, KOTI-2 tropes, July 31, KNXT-2, Aug. 1, IHTP-2, Aug. 3, CKCK-2, Aug. 4, KTVK-3 KLRJ-2, Aug. 9, KFYZ-5, Aug. 10, KCKT-2, KLRJ-2, KNXT-2, KRCA-4, Ch.8 several bursts, nothing ID tho., Aug. 11, KRON-4 new, KUTV-2, Aug. 12 KFAR-2 tent. ms. Aug. 13, ch. 7 and 8 ms, Aug. 22, KCKT-2, Aug. 23, KPIC-4 tropes. On Aug. 24, Saturday, at 11:am EST Ed got on ch. 2, a NBC station calling itself the "HOOSIER COAST STATION". Anyone have any ideas???? 3 new this time brings his log up to 72.

Doris Johnson of Longview, Wn., : July 25, KTVK-3, KNXT-2, KVOA-12 tropes. July 26, KNXT-2, KLRJ-2, KTIV-4, KCKT-2, KUTV-2, KPRC-2, KTBS-3, KTVT-4, KOOK-2, KOB-4, KVTI-2 new, KFDX-3 new, KVOO-2, KTVR-2, July 28 KDIX-2, KXJB-4, KFYZ-5, CBWT-4 new, July 29, CHCT-2, KFBC-5, KTVR-2, KOA-4, KCSJ-5, CKCK-2, KOTA-3, July 30, KUTV-2, July 31, CKCK-2, Aug. 4 KRCA-4, KNXT-2, KLRJ-2, KTVK-3, Aug. 7, KTVR-2, Aug. 8, KNXT-2, KRCA-4, KDLO-3 Aug. 10, KUTV-2, KTVR-2, KCKT-2, Aug. 11, KRON-4, KPIC-5 both new, Aug. 12, KTWO-2, KID-3, Aurora in at 11pm PST until midnite, with CFRN-3 logged and some ms from direction of Hawaii and skip from ch. 2 in Alaska. Aug. 13, KNXT-2, KGO-7 new, by ms, Aug. 14, KNXT-2, Ch. 2 Alaska (KENI or KFAR-??) Aug. 15, KDLO-3, Aug. 23, CKCK-2. July 21, WORA-5 and CMQ-3 both verified. WORA-5 is my farthest at 3,650 miles on ch. 5. Logged 86 with 8 new.

Ed Rugel of Independence, Kansas: July 20, KRLD-4, KHQA-7, July 24, WGR-2, KWK-4, WREC-3 new, WATT-6 new, WDBO-6, WSAV-3, WUSN-2, WPTV-5, WTAR-3, WRAL-5 new, WBBR-4, WJBK-6 new, WCYB-5 new, WNEM-5, WFBC-4, July 25, KTHV-11, KSD-5, KWK-4, WLAC-5, WSM-4, KFVS-12, KRNT-8, KOMU-8, WFMY-2, KOOK-2, July 26, KTVK-3, WTVJ-4, WPTV-5, KLRJ-2, KTLA-5, new, KRCA-4, KNXT-2, July 27, KTHV-11, KOLN-12, July 28, WOW-6, KMTV-3, KHQA-7, August 1, KTVO-3, Aug. 4, WMAR-2, Aug. 7, KRNT-8, KHAS-5 new Aug. 8, CHCT-2, August 11, WTVN-6, new, Aug. 14, CKCK-2, KXJB-4 new, CKX-5 new. This brings Ed's total logged up to 181 with 18 new for this period. Ed will begin college in a couple of weeks, so this will limit his DXing. He promises to at least send in a post card report each month. Good luck to you in college, and don't forget the P. Card!

Eddie Albright of Medford, Oregon: July 24, KCKT-2, KDLO-3, KARD-3 ?? ch.4, July 26, KCKT-2, KARD-3, KGNC-4, KROD-4, KOA-4, WLBT-3, CHCT-2, WMT-2, KOB-4, CKCK-2, KOOK-2, KXLF-4, (KGNC-4, Aug. 1) Aug. 4, KBOI-2 KARD-3-Aug. 9 and unid on ch. 3 on Aug. 13 and 19th. Ed now has 69 logged with 4 new this time.

Jerry Don Burch of Hot Springs, Ark., - July 21, KUTV-2, WUSN-2, WCSC-5, WBTB-3, WTAR-3, WFNY-2, WSAV-3, WJBF-6, WMBR-4, WPAR-3, WCTV-6 WISH-6 new, WABD-5, WRCV-3, WFIL-6, WGR-2, KDKA-2, WTTG-5, WJAC-6, WRAL-5, WLWT-5, WCBS-2, WRCA-4, WRC-2, WEWS-5, WNEM-5, WFRV-5, WBAY-2, WTVN-6, KDAL-3, WDSM-6, KSTP-5, WDAY-6, WOI-5, WOW-6, KLMT-6, KDLO-3, WTVR-6, KFYR-5, CKCK-2, WJBK-2, KXJB-4, WMT-2, KGLO-3, KMTV-3, KOTA-3, CJIC-2, KCKT-2, WBBM-2, CKX-5, new, WGBH-2, WLWD-2, WBBN-4, WLWC-4, WMAR-2, WROC-5, KYW-3, CFPA-2, KTCA-2, CBWT-4 (KXJB-4, KMTV-3, KOTA-3, CKX-5, CBWT-4 all new) July 25--all trope--- WLWT-5, WLWD-2, KSD-5, KWK-4, WSM-4, WLAC-5, WFBM-6, WAVE-3, WCPO-9, WTTV-4, WISH-8, WTVW-7, WHIO-7, WKRC-12, WSIX-8, WPSD-6, WKTV-13, WSPD-15, E skip--WFMY-2, WUSN-2, WBTB-3, WMFD-6, CBFT-2, KDKA-2, KUTV-2, WMAR-2, WTAR-3, July 26, trope, KSD-5, KWK-4, WFBM-6, WISH-8, E skip--XEW-8, XHTV-4, XEZ-3, KTVK-3, KLRJ-2, WMBR-4, XHGC-5, July 27, KSD-5, KWK-4, KFVS-12, WBRZ-2 all trope. Jerry now has 219 stations logged with 13 new ones.

Gene Webb of Seattle, Wn.: May 25, KCKT-2, May 26, KPTV-12 trope, CHEK-6. June 11, KNXT-2, KLRJ-2, KCKT-2, KTVR-2, KARD-3, June 13, KLRJ-2, KTVR-2, KUTV-2, June 18, KNXT-2, June 20, KNXT-2, KCKT-2, May 26, CKCK-2, June 20, CKCK-2, KMTV-3, KCKT-2, KTVI-2, KUTV-2, June 21, KMTV-3, KUTV-2, June 23, KREM-2 trope, June 28, KNXT-2, KREM-2 trope, July 2, KCKT-2, July 3, KTVR-2, KNXT-2, July 8, KNXT-2, July 9, KREM-2 trope, July 11, KNXT-2, July 12, KCKT-2, July 13, KCKT-2, July 18, KNXT-2, July 21, KNXT-2, KCKT-2, KARD-3, KTVR-2, July 24, KCKT-2, WOW-6, July 26, KCKT-2, KUTV-2, KFEX-3, KLRJ-2, July 22, KREM-2 trope, July 28, KDLO-3, KDIX-2, July 29, KCKT-2, KARD-3, KTVR-2, KMTV-3, CKCK-2, KNXT-2, Aug. 4, KNXT-2, KLRJ-2, Aug. 10, KDIX-2, Aug. 11, KUTV-2, Aug. 21, KPIX-5, Aug. 23, KUTV-2, July 26, KTWO-2, July 26, KPRC-2. (yes you can log a station if you only heard it audio wise and not video Gene.) Gene has 23 logged now, with 13 new this period.

Edwin Shorey of Derby Kansas: July 23, KOLN-10 trope, July 24, KOLN-10 trope, WRC-4, WFMY-2, WTTG-5, KDKA-2, CKCK-2, July 25, KOLN-10 trope, WOW-6, trope, KHAS-5 trope, WTVG-5, WUSN-2, KNXT-2, KBOI-2, KFEQ-2 trope, July 26, KEYT-3, KNXT-2, July 27, KFEQ-2, WFAA-8, trope, July 28, KFEQ-2 trope, WOW-6 trope, July 29, KFEQ-2, KOLN-10, WFAA-8, KHPL-6 all trope, July 31, KTTS-10, WOW-6 all trope, Aug. 2, WFAA-8, KOLN-10 trope, Aug. 3, KOLN-10, KTTS-10, WFAA-8, KHAS-5 trope, Aug. 4, KTTS-10 trope, Aug. 5, WFAA-8, KOLN-10 all trope, Aug. 6, KONE-8, WFAA-8, KTTS-10, WMCT-5, KLTV-7, all trope, Aug. 7, WFAA-8, KLTV-7, WOW-6, trope, ~~xxxxx~~ Aug. 8, KOMU-8, CHCT-2 new trope at 1270 miles! by skip WUSN-2, Aug. 10, KTTS-10, KNAC-5, KHAS-5, all trope. Edwin comes up with 1 new for this month bringing his total logged to 173.