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" TV-DX "

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AIPA Bulletin---Published first week of each month, 12 issues per year. Membership--\$3.00 per year (entitles one to monthly bulletins, report forms, membership card & miscellaneous items. Payable to secretary or Vice President. Foreign membership, due to postal rates, at \$5.00 per yr. Editorial...

Well, your president is back again at the TV DX, safe and sound, (and happy), after the hitch and honeymoon affair. We had a grand time but it was good to be back home again. I see where I missed a little hot DX while I was away, but where you gain something you usually lose or miss something too and this was no exception...Hi.. The period of August 2-22, and August 20th in particular was rather good for DX, tropes and skip. Skip was better than usual for August, but it was a poor summer season for E skip, so it was most welcome to have August skip as we did. September and early October should be watched for good tropes openings in early mornings and evenings.

Late renewal in from Morris Foote for another year. Now a special note about an important address change. As of September 20th, 1958, your president's address will be: 27 Pennsylvania Ave., Dunkirk, N.Y.. So all reports and correspondents after that date should be sent to my new address. Until then, to present address at Bennett Rd, Dunkirk, N.Y.

We have another poem from Tom Hidley of Chicago this month, so here goes:

"The Tweet Tweet Birds"

Have you ever heard that Antennas are for the birds?

This doesn't mean that the product is bad. We have as many as ten to fifteen starlings and other heavy birds of different varieties setting on our Antennas.. This will give you VHF that you have never had before.

Like ~~of~~ that which the Jay Birds said to each other: "We will disturb their TV Dxing; maybe they will be forced to throw out a few slices of bread, if they don't we will be back setting on their Antennas giving them a Rock and Roll Picture; anyone wanting a good scramble can get it from us birds. We all love good food and use the best precision, and persuasion. This helps us to get what we want. No Golf... But it helps us to make a birdie.

Advice: Always keep the birdies happy so they won't be setting on your Antennas. This always improves TV Dxing.

Deadlines for October bulletin are as follows: Longview, Loma Linda, September 26th; Cardington, Ohio, Buffalo (FCC news), Worcester, Sept 27th; Atlanta, Dunkirk (Eastern reports), October 2nd.

Best of luck and 73's,

RS

How many of you ever noticed that after spending a great deal of time, money, and effort on an antenna installation, that after a year or so, it is all rusted out? This decay process may vary in different locations (damp or salt spray areas being the worst) but sooner or later old man rust wins out. Of course as time passes nearly everything exposed to the elements bears marks of such, but television installations seem prone to be first. The reason is rather plain to see, the equipment just isn't built to take it! So far this month I thought decay would be a good subject to converse upon.

As to antennas first, the way some are thrown together is really a Joke! I don't intend to do a song and dance on this aspect, just suggest you get a good one in the first place. Quality names like Channel Master, Winegard, Taco, Amphenol, and others can furnish you with good material, while names like Snyder, Walsco, JFD, etc can furnish you with junk. Proof? Take JFD for example. I know some of you have antennas of this brand, and I have nothing to say against their gain or performance here, just about the way they are constructed and how well they hold up. On the market JFD has an antenna called the "DODO". It is a copy of the Channel Master "Champion", but what a difference! Channel Master uses heavier tubing, better rivets, and better insulators. It will last longer, and stand the weather many times better than its third rate copy. I know for I have had both! I will now stick my neck out and suggest you buy nothing manufactured by JFD. Their antennas are poor as mentioned, and their accessories like lightning arresters, insulators, mast brackets etc are equally poor, but priced in the same range of better material. I have nothing personal against this company; just thought you AIPAers could use this data when making your equipment selections.

The rotor, a most important item as a DX tool, is usually with some exceptions a fair item. I believe Alliance are the best, but they indeed have some faults. Their back clamp rusts rather quickly, and the bolts and nuts used here are quite poor. The mast clamps are lacking in holding power on heavy arrays, and a cheap gasket is used under the terminal cover. The Alliance thrust bearings are of good design, but again employ poor hardware.

We mentioned big items like antennas and rotors, now for a brief breakdown on other installation equipment: Lead-In: Belden, Amphenol etc are good. You probably know what brand and type you want but be careful. Any lead in that cracks, peels or turns color after a year is undesired. A good test is to cut a small opening in the insulation on one side and look at the conductor. If it appears dull, you have low quality lead in! Masts: Use a heavy wall, seamless and treated tube. Never use aluminum, just good steel. You will see good steel masts advertised in various electronic publications. Guy Wire: Most guy wire is either too thin, easily rusts, or both! I suggest you use heavy duty aluminum wire, or obtain steel wire from a non TV source. Insulators: General Cement makes as good as any. Watch out for "off brands", and bargain lots. Roof Mounts and Chimney bands: Penn is one name to look for in roof mounts. Never buy a mount that will require bending to meet requirements, or is low priced. As for chimney kits, use only stainless steel strapping. Arresters: If it were not for the loss of a fused telephone type should be used. Since this type is out I suggest a low loss Amphenol model. If possible mount it where it will not be exposed to the elements. Ground wire, Rods, and Clamps: Ground wire should be a No. 8 hard drawn copper wire. Aluminum is second choice. Since good ground rods can't be obtained from TV sources, I suggest you purchase one from a commercial electrical supplier. Your clamp should be of heavy duty copper and purchased from a likewise source. I suggest you contact a electrician on local. continued

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"The Second Editorial", Junkyards on the Roof, continued from page 2....

GROUNDING requirements. Small Parts: Hardware bits like eyelits, nails, bolts, turnbuckles, etc should be of quality also, like stainless steel, etc. You may even find it necessary to obtain these small items at commercial hardware supplies if you desire the best. Any other equipment piece you can think of should be in line with the pre-mentioned for best results.

Next month we will contend ourselves with limiting the effects of decay on our roof top investments.

Best DX & 73's,
King Schafer

Eastern DX Column

Compiled by: Bob Seybold, Dunkirk, N.Y.

Larry Vehorn, Speedway, Ind. --- June 28, Es, WLBZ2 CKGW2 CBHT3 CJCB4 KRLD4 WBAF5; trop, WBOY12 WFIE14 WTAP15 WKIX19 WMBD31 WEHT50; June 29, trop, 492 miles, KTHV11 KFEQ2 KCMO5 KTVO3 WOI5 WDAF4 KOMU8; June 30, KTVO3 WMT2 KDRO6 KRNT8 WMTV33; July 1, Es, CBFT2 CJBR3; July 2, Es, KVOO2 KMID2 WKY4 KOC05; 3rd, Es, KMID2 KVOO2 WKY4 KOA4 KGBT4 WLBT3 KPRC2 KBTX3 KOSJ5 KRGV5 KROD4 KOBA4 KDUH4; 5th, trop, WSM4 WLAG5 KHQA7; 6th, Es, WRZ4 WHDH5 WGEH2; trop, WPSD6 WITI6; more E skip: CBHT3 CKGW2 WLBZ2 WABI5 CBFT2 KTVR2 KOOK2 KGNC4 KCKT2 KFBB5 KRTV3; July 7th, Es, KOA4 KGNC4 WMAR2 WCBS2 WRC44 WABD5 WGBH2 WTAR3; also UHF, 250 miles; July 19, trop, WFMJ21 WKBN27 WBNS10 WJW8 etc.; July 20, Es, CMAB2 CMH3 CMBF4 CMHQ5; July 21, Es, WLBZ2 CKGW2 CBHT3; 22nd, Es, KTVR2 KOA4 KUTV2 KTVT4. His log now at 208 stations with 24 new this period.

B. H. Rauch, Peoria, Ill. --- July 28, trop, WSPD6 WITI6 KTVO3 WISC3 KOMU8; July 31, Es, WMAR2 WLBZ2; Aug 2, trop, WFRV5 WKZO3 WBAY2 WEEQ35; Aug 3, trop, 375 miles, WEAU13 etc; 5th, trop, 525 miles, WBOY12 WKRC12 WSM4 etc; 7th, Es, WESH2 KTWO2 KTVR2; 9th, trop, 900 miles, CFPL10 WSPD13 KFVS12 etc; 10th, trop, WPSD6 WTVW7 WNEM5 WWJ4 WJIM6 etc; 11th, trop, 400 miles, WAVE3 etc; Aug 12, trop, 325 miles, WJIM6 KFEQ2 WHO13 etc; 13th, KETC9 WKBT8 KMBG9 KFVS; 14th, WJW8 (new) WXYZ7; 17th, trop, 500 miles, WIBW13 KVTV9 WOW6 KDRO6 KCMO5 etc; 18th, KMBG9 WSIX8 WLBG5 WITI6 WXYZ7. Log at 259 with 2 new.

Robert Matin, Girard, Pa. --- Aug 2, WANE15 WKJG33; Aug 3, WJIM6; Aug 9, trop, WKZO3 WLWG4 WNBQ5 WLWT5 WJIM6 WBKE7 WOOD8 WISH8 WGN9 WKJG33 WBNS10 WIIC11 WKRC12 WHTN13 WANE15 WNDU16 WPTA21 WSBT22 WSJV28 WIMA35; Aug 10, WHIO7 WBKE7 WTHI10 WFEM6 WKRC12 WISH8; Aug 11, WANE15 WPTA21 WKJG33 WTAE4 (new); Aug 14, CKNX8 WTAE4; 17th, WTVN6 WBNS10; 19th, KDKA2 WTAE4 WJAG6 WTRF7 CKNX8 WSTV9 WIIC11; 20th, WROC5; 27th, WBUF17; 28th, WTVN6 WBNS10. Log at 101 with 2 new.

Bill Nieman, Buffalo, N.Y. --- (all following new except the three underlined) --- July 29, WHIO7; July 30, CBFT2; Aug 2, WTVN6; Aug 10, WNBQ5 WGN9 WTHI10 WTOP9 WFIL6; 12th, Es, KYTV3 KMTV3; 15th, trop, CBMT6; 28th, WANE15; 29th, WHTN13 WHIS6 WSVA3 WANE15; 30th, CBOT3 CKSO5 WLSL10 WBOY12 WCYB5 WRCV3 WSIX8. His log now at 115 with 20 new.

Norm Ernt, Kenmore, N.Y. --- Aug 3, WFMJ21 WKBN27 WKST45; Aug 7, Es, KTBS3; Aug 8, Es, KSYD6 KTWO2 (new) KMTV3; 10th, trop, WLWG4 WLWT5 WTHI10 WITI6 WISH8 WAVE3 (new); 12th, WGAL8; 13th, WQED13; 14th, trop, WGN9 WBKE7 WBNS10 KWVL7 (new) (at 685 miles) WNBQ5 WFIL6 WGAL8; 15th, WLWG4; Aug 20, trop, new were: WHIS6 WSDX8 (625 miles) WHAS11; also: WCP09 WHTN13 WDBJ7 WRC4 etc; 27th, unided Es; 28th, WHIO7 WCP09; 29th, WHIO7 WGAL8 WRC4 WTOP9 WMAL7 WHTN13; July 31, Ms, WECT6 (new). WTOP9 also new. Log now at 178 with 9 new.

Ferdinand Dombrowski, Okauchoe, Wisc. --- July 30, trop, WXYZ7 WSPD13 WANE WNDU16; July 31, Es, KMID2; trop, WCIA3; Aug 1, Ms, WGR2 WFMJ2; Es, CJBR3 WESH2; Aug 4, Es, CKCK2 KOOK2; Aug 5, Es, KOTA3 KID3 KBOI2; 6th, WNEM5 WKNX57 (new); 7th, Es, WESH2 WAIQ2 KMID2 WBRZ2 KPRC2; 8th, Es, KTVR2; trop, WLWI13 WISH8 KHQA7 WTHI10 WANE15 WPTA21, WKJG33 WNDU16 WSBT22 WSJV28; Aug 9, trop, 580 miles, WFBG10 WEWS5 WFMJ21 WIIC12 WLBG49 & many UHF; 10th, WJW8 (new); 13th, trop, KSD5 KTVO3 KMOX4 (all 3 new) WSBT22 WNDU16 WSJV28; 14th, WNEM5; 16th, Es, KPRC2; 26th, KRNT8 WOI5 KCRG9 KWVL7 WHO13; 27th, WCCO4 KSTP5 KWVL7 WHO13. 52 stations on Aug 9, record for him! Log at 136 with 12 new.

continued on next page.....

Harry Apley, Akron, Ohio--Sept 2, WLEX18 WKYT27 WIMA35(all new) WHAS11 WHTN13 WSAZ3; Sept 3, WBUF17.

John Parillo, Girard, Ohio--July 27, WBEN4; July 30, WSPD13; Aug 1, Es, WWL4; trop, WJIM6 WLWD2 WXYZ7; Aug 5, WGR2; Aug 9, WJIM6 WJBK2; Aug 10, WLSL10 WDBJ7 (new); Aug 11, WTAE4(new); Aug 15, WWJ4; 18th, WFBM6; 19th, CK0013; 20th, WCPO9 WSAZ3 WLWT5; 22nd, WBOY12 WHTN13; 30th, WLSL10 WNEM5. Log now at 125.

Ivon Harris, Chatham, N. J.--Aug 19, trop, WGR2 WBEN4 WJAC6 KDKA2 WRC4 WMAR2 WSTV9 WTRF7 WEWS5 WHAS11 WDBJ7 CKLW9; Aug 20, trop, WAVE3 WVA3 WJW8 CKWS11 CBLT6 WHDH5; Aug 22, Es, CMAB2 WESH2 WWL4 KPAC4; trop, WTAE4. (all above logged at Ararat, Penna.)

John Cody, Middleton, Conn.--July 29, Es, WMT2 WOI5 WOC6; trop, CBFT2; July 30, Es, WMT2 KTVI2 KTV03; July 31, trop, WTOP9; Es, WUSN2 WMT2 KVOO2 KTVI2 KTV03 KARD3 WKY4(new) KCMO5(new) WOW6 KOTV6; Aug 1, Es, these new; WJBK2 KMMT6; also: KFEQ2 WMT2 KTCA2 WCCO4 KSTP5 WOI5 KCMO5 WOC6; Aug 2, trop, KDKA2(new); Aug 3, WTOP9; Aug 4, CBMT6; Es, KFEQ2; 5th, WMTW8 WBAL11 WJZ13; 6th, trop, 390 miles, WTAR3 WAVY10(new) WRVA12 etc; 7th, trop, 395 miles, CBFT2 WPTG5 WCNV7 WXXE8 WGAN13 WBAL11 etc; 8th, similar trop; Es, KTVI2 KFEQ2 KVOO2 KARD3 KMTV3 KTVI4 WOI5 KCMO5; 9th, CBFT2; 10th, WBAL11; 12th, trop, 385 miles, WJAC6 WIIC11(both new) WDAU22 WMTW8 etc; 13th, CBFT2 CBMT6 WMTW WGAN13; 14th, 15th, 16th, 17th, 21, 24, 26, 27, similar trop, 390 miles, CBFT2 CBMT6 WCSH6 WCNV7 WMTW8 WGAN13 WAVY10 WHEN8 etc; Aug 16, KVOO2; 22nd, Es, WBR22 WWL4; Aug 28, trop, WTAE4(new). Log at 152 with 13 new.

Richard Nieman, Buffalo, N. Y.--July 27, Es, CBWT3; July 31, Es, WREC3 KMTV3; Aug 3, Ms, WPSD5 WDAF4; Aug 8, Es, KTW02 KTVI2; Aug 9, Ms, WOW6; 10th, trop, WTOP9 WTHI10; 11th, WDAU22 WSYE18; 24th, trop, WABD5; 28th, WANL15; 30th, trop, WCYB5 WBOY12 WLSL10 WSIX8. (all above new)--Aug 27, auroral reception, ID's on audio: WCBS2 WIS03 WTMJ4 WNBQ5 WFIL6 WTHI10 WGN9. Log at 148 with 18 new.

Paul Swartz, Gabsburg, Ohio--July 3, Es, KCSJ5(new) KTVR2 KOA4; July 7, Es, KOB4(new) KPRC2 KGNC4; Aug 3, Es, WGBH2 WTIC3(new); Aug 7, Es, KDUH4 (new) KTCA2 KOOK2 KTW02 KXJB4 KOTA3; Aug 9, trop, WHBF4 WOC6 KHQA7 WLEX18 WMBD31 WEEK43(all new); also: WTVH19 WGEM10; Aug 11, WTAE4(new); Aug 14, KRNT8(new) KWVL7 WGEM10 KHQA7 KMOX4 KTVI2; Aug 19, trop, 430 miles, WLAC5 WCYB5(both new) WSIX8 WLEX18; 20th, WDBJ7(new) WLSL10; 28th, WKXP27(new) WLEX18; 29th, trop, 460 miles, WTVL11 WJHC11 WBUF17 WLSL WDBJ7 WCYB5. Log at 202.

Al Caldwell, Brockton, Mass.--May 26, Es, WTHS2(new); June 7, Es, CFCJ2; June 15, Es, CMAB2; June 20, Es, WISC3 WITI6; June 21, CFCJ2; June 30, Es, KFEQ2 WBEM2; July 1, Es, KDAL3 WBAY2; July 3, KVOO2 WAIQ2; 4th, WEAR3; 5th, CMH3; 6th, WISC3 WITI6 WCIA3; 7th, WESH2 WUSN2 WSB2 WEAR3 WAVE3; 15th, Es, CMAB2 WESH2; 29th, undid e skip; Aug 1, Es, KTV03 WCIA3. His log now at 134 with 2 new.

King Schafer, Kenmore, N. Y.--June 28, WLW13; June 30, WARG5 WEAR3; July 1, WTVN6 WKZO3 WDBJ7; July 2, WBAL11; July 5, Es, WLBT3; WDAU22; 17th, WBR28 WLWC4; 18th, Es, WEAR3; 23rd, WAKR49; 31st, Es, WLBT3 WREC3 KMTV3; Aug 2, WIMA35 WKJG33 WANL15; Aug 3, WKST45 WAKR49; 4th, Es, KOTA3; 5th, Es, KARD3; 7th, KGLO3 WLBT3 KTBS3; 8th, Es, KARD3 KSYD6 KFDX3 KTW02 KARK4 KTVI2(new) KMTV3 KDLO3 KPLO6 (new); 9th, WGN9; 20th, trop, WHIS6(new) WSIX8(new) WDBJ7; 22nd, Es, CMHQ5; 23rd, WRGB6.

Ghislain Girard, Arvida, Quebec--July 31, Es, WSB2; Aug 1, Es, WBEM2 WAGA5 WFBC4 WSB2 WSM4 WATE6(new) KSD5(new); Aug 4, Es, Ms, WBEM2 WJBK2; 8th, Ms, WBEM2 WBAY2; Es, WSB2; 9th, Es, WBAY2 KDKA2(new) KDAL3; 12th, Ms, WTMJ4 WBEM2 WBAY2; 13th, Ms, WBEM2 WBAY2; 29th, trop, CKBL9(new) CFTM13(new) CHLT7 CBMT6 CKMI5 CFCM4 CJBR3 CBFT2. Log now at 80 with 5 new.

Art Collins, Buffalo, N. Y.--Aug 7-8, E skip, 5 hours, chs 2-6 very heavy, ided skip from south, Texas, west, southwest; good trop, early AM's in August; new stations include: WLW13 WBOY12 WHIS6 WSIX8 WTHI10 KTVI2 KTW02 WPTA21; also: WLBZ2 via Ms; Aug 10, WHDH5(Ms) (new).

Tom Hidley, Chicago, Ill.--July 27, WEEK43 KSD5(both new); July 29, WSTV9; WIGUL2(new); Aug 3, WPTA21; Aug 4, KTV03 KDKA2 WIIC11 WTRF7; 8th, WFAM59 WTVP17; 9th, WSAU7 WHOL3; 14th, KMBC9 WLWT5; 16th, KRNT8. All above new. Log at 70 now.

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Eastern DX Column...continued...

Ed Frond, Dolton, Illinois--July 27, KYW3; July 29, WIGU12; July 30, WMT2 WGEM10; July 31, WGEM10; Aug 1, KYW3; Aug 2, KFVS12; Aug 4, WTRF7 WFBG10 KYW3 WGEM10; July 6, WGEM10; KYW3; 8th, WIGU12 WGEM10; ; 9th, WIGU12 KHQA7 KFVS12; ; 10th, WJW8 KYW3 11th, WTRF7 WGEM10; 12th, WGEM10 KROC10; 13th, WGEM10; 14th, WIGU12 WGEM10; 16th, KHQA7 KTVO3(new); July 31, Ms, WRC4(new); Aug 3, Ms, WBZ4; Aug 19, WDBJ7(new) Aug 23, WSAU7 WMT2; Log now at 103.

Dick Mason, Menasha, Wis. --Aug 7, Es, WBAV3 WEAR3 WWL4 KOA4 KMID2 KTVR2; Aug 10, trops, CKLW9 KROC10; Aug 14, KWVL7 WGEM10 KOMU8 WJBK2 WTTV4 KCRG9. His log at 97 with 4 new.

Carlton Howington, Uniontown, Ohio--July 29, WBOY12; July 31, Es, KTCA2 KCKT2; Aug 1, Es, CMAB2 CMBF4 CMQ6 WWL4 WBRZ2 WLBZ2 WCHS6 WBZ4 CHSJ4 CKCW2; Aug 3, WBUF17 WSEE35 WBEN4; Aug 4, WNBQ5 CKLW9 WKZO3 WOOD8; Aug 5, Es, KCKT2 KDIX2; Aug 8, WHIS6 WBKE7 WGN9; 14th, WBAY2 WTAE4(both new); 15th, WBOY12 WKRC12. His log now at 121 with 4 new.

B. J. Bingham, Festus, Mo. --July 29, WLWD2 ~~WIS~~ WICS20 WMBD31 WTVF17 KTHV11 WLAC5 WSM4 WBEM2 etc; July 30, trops, 300 miles, WCPO9 WLWT5 WEHT50 WFIE14 WSIL22; Es, WSYR3 WGBS2 KYW3 KID3 CBHT3 KBOK2; also WDBJ7 WLSL10(both new at 700 miles, trops) WTIC3; Aug 1, Es, WDBO6 WTVJ4 CBHT3 WCHS6; Aug 4, KVTV9 WHO13 KOLN10 KELOL1 KOLN10 KUON12 KETV7 WOI5 WGN9 etc; Es, CKCK2 CHCT2; Aug 5, trops, 500 miles, WOOD8 KWTV9 KOAM7 WJBK2 KTUL8 WMT2 WOI5 WLWD2 etc; 7th, Es, CJBR3 CBFT2 WRCV3 WTIC3 WGBS2 KOOK2 KTWO2 KOTA3 KDUH4(new); 9th, WTVF13 WXYZ7 WKZO3 WJIM6 WOOD8 WJBK2 KYW3 WEWS5 WJW8 etc; Aug 13, trops, 600 miles, WMBV11 WREX13 WISG3 WSIX8 WWTW11 WKBT8 etc; 14th, trops, 500 miles WDMJ6 WJIM6 WXYZ7 WJBK2 WKZO3 KARD3 WWOOD8 KETV7 WOW6 KOLN10 etc; 16th, trops, 600 miles, KHOL13(new) WIBW13 KELOL1 KCMO5 etc; 17th, KODEL2; 18th, trops, 600 miles, WCHS8 WSIX8 KWVL7 KOLN10; 19th, WSBT22 WFIE14 WICS20 WSIL22 WTVF17 WDXI7; 20th, trops, 500 miles, WTOK11 KNOE8 KTHV11 WHIO7 WCPO9; 22nd, WFIE14 WICS20 WEH, 50 WMBD31 WHO13 WTVF17. Log 198 with 12 new.

Michael Evangelista, Hamburg, Pa. --July 6, Es, KVOO2; 15th, KTVI2 WAIQ2; 28th, WTVR6; 29th, WMT2; 31st, KVOO2; Aug 1, Es, KTVI2 KTCA2 OFCJ2; Aug 2, KDKA2 WJBK2; Aug 5, KCKT2 KTCA2; 7th, Es, KTCA2 KCKT2 KFDX3 WDAF4 WBEN4 KVOO2; 8th, WCCO4; 16th, KVOO2. His log now at 66 stations with 9 new.

John Owen Broomall, Due West, S.C. --Reports via trops, period May 31-Aug 31, --WRGP3 WNCT9 WALB10 WTVD11 WSFA12(all rather often); WAVE3 WTAR3 WLWT5 WHIS6 WDBJ7 WCHS8 WXXE8 WDEF12 WABT13; via meteor scatter: WBEM2 WMAR2 WGBS2 WGR2 KYW3 KTCA2 WBAY2 WTTV4 WKY4 KDKA2; E skip, Jun 1, KBTX3 WBAP5 WBZ4 WMT2; Jun 19, WTW2; June 20, KARD3 KCKT2 KVOO2 WTW2; 28th, WMT2 WLBZ2 WGBH2 ; 30th, WLBZ2; July 2, KCKT2 KTVR2 KVOO2; July 3, KVOO2 KCKT2; July 4, WLBZ2 KPRC2 KTVR2; 7th, WLBZ2 KDAL3 WAB15 WCHS6 WGR2; 18th, WMT2; 18th, KFEQ2 July 23, KMID2; 24th, KBTX3 KPRC2 KMID2; July 31, KPRC2 KTCA2; Aug 1, KFDX3 WBEN4 KARD3 KCKT2 WMT2; 4th, KDLO3 KTCA2; 5th, KTCA2; 7th, KSD5 KTCA2; 8th, WLBZ2; Aug 13, KVOO2 KCKT2; Aug 30, WCAAX3 KCKT2 KMID2; also via E skip, 16 Cubans, 16 Canadians, 3 Puerto Rico & HIT4. His log to date at 101 stations, 2 new.

Bob Seybold, Dunkirk, N.Y. --Aug 5, Ms, WGBS2 WTAR3 WRC4; Aug 8, Ms, WMAR2 WRC4; Aug 9, trops, WRCV3 WFIL6 WRC4; other trops late in month includes: WRC4 WRCV3 WFIL6 WNTA13 WABD5 WRGB6 WPTZ5 .

That's it for this month. Late reports in next month's bulletin.

Mislaid reports: Frank Wheeler, Erie, Pa. --July 29, WJIM6; 30th, WJIM6; 31, Es, WREC3; Aug 3, WJIM6 WXYZ7; 4th, 185 mile trops; 5th, Es, KVOO2; 7th, WSYR3; Es, KCKT2 KTBS3; 9th, WFBG10 WJIM6 WXYZ7; 10th, WJZ13(new); Aug 14, trops, WNBQ5(new) WKZO3 WOOD8 etc; 21, WSYR3; also Northern Lights; Aug 22, 23, 27, WSYR3; trops from WJIM6 WNEM5 CKLW9 WFBG10 WIIC11 WXYZ7 on several occasions. Log 106.

Bryan Rawlings, Montreal, Quebec--July 28, WKTU13; 29th, CKTM13; 30th, WBEN4; Aug 1, WLBZ2(new) WHEC10 WJW8 CKTM13; Aug 2, WCNV7; 3rd, WBEN4 WROC5; 9th, WBEN4 WCNV7 WKTU13; 11th, WBEN4 CKTM13; 12nd, WKTU13 WLBZ2 CKTM13; 14, CKWSL1; 15th, WGR2 WBEN4 WKTU13 CKTM13; 24, Es, WBRZ2(new). also trops of WSYR3 WBEN8 WCNV7 CKTM13 CKWSL1 WBEN4 on occasions. Log at 61 with 10 new.

New Grants

- Ch 3 Wilmington, N.C. 100Kw.-50Kw.
- Ch 6 Sacramento, Calif. (Ed) 89.Kw.44.7
- Ch 7 Buffalo, N.Y. (ABC-TV) Power later?
- Ch 9 Ogden, Utah. 9.5Kw-4.74 Kw.
- Ch 12 Beaumont, Tex. 5.28-? (Ed.)
- Ch 13 Dallas, Tex. 57.5-28.8 (Ed)
- Ch 53 Fresno, Calif. 5.25- 2.91.

The Applications to the FCC were at a stand still this month. Of course, there is always applications in for ch changes and power -ups. these requests are not mentioned in this column. Most all of them never materialize anyway.

Call Letters assigned and changes...

- Ch 4 WRDG-TV Cheboygan, Mich.
- Ch 6 KUAT Tucson, Ariz. (Ed.)
- Ch 10 KREY-TV changed from KFXJ-TV in Montrose, Colo.
- Ch 12 KEYC-TV changed from KMNK-TV in Mankato, Minn.
- Ch 12 WIRN Ironwood, Mich.
- Ch 13 KALF Alliance, Neb.
- Ch 13 KEBA-TV Dallas, Texas (Ed.)
- Ch 13 WSTE Fajardo, P.R.

"Mis'l News"

WTAE-TV ch 4 in Pittsburg, Pa. started test pattern ests Mon Aug 25th. They expect to go on the air programing Sept. 14th. (ABC-TV)

KDRO-TV Sedalia, Mo. now a ABC-TV out let.

WTOL-TV ch 11 in Toledo, Ohio expects to be on the air by late fall, 58.

KFDA-TV Amarilla, Tex. to go up to full power 316 Kw. 158Kw.

WHDH-TV ch 5 Boston, Mass expects full 100Kw. power soon and Ant change.

Lima Peru to get it's first commerical station this Sept. OAX4U-TV

FCG July 18th Assignment. Action-WXIV(TV) Youngstown, Ohio Ch 73 to 33. and moving ch 73 from Youngstown to Pittsburg, Pa.

Some ch 8 changes in the Carolinas- Substitute ch 13 for ch 8 in Florence S.C. Change the Ed reservation at Charleston, S.C. from Ch 13 to ch 7

Modified license of WBTW(TV) Florence from ch 8 to ch 13.

WTOB-TV ch 26 Winston-Salem rejected request to operate on Ch 8

Some UHF changes effective Aug 15th.... Milwaukee, Wis chs 19, 15, 31, to Ch 18, 24, and 30. Ludington, Mich. ch 18 to ch 33

Beaver Dam, Wis ch 37 to ch 51. Chilton, Wis (ed) ch 24 to ch 31.

WXIX(TV) ch 29 to ch 18. WGAN(TV) ch 25 to ch 24. WFOX-TV ch 31 to 30

A note to Radio DXers Hi!... A Twister struck Billings, Mont July 2nd and took down the KBMY Tower. (Wonder why that can't happen to some of our locals here, especially the Viewing stations Hi!)

A welcome to another year in the AIPA to Wendell Rose- Earlville, N.Y. We have an address change to make on Donald Ruland to 834-8th St. in Holly Hill, Fla.

To any one requesting a Verification from WLBZ-TV ch 2 in Bangor, Me. be sure to mention Verify the new Call WLBZ Television, ther wise it will come thru as a W-TWO Verification. (Happened here twice) even on a pic of their Test Pattern showing WLBZ-TV.....Via Burst.

A word in from Bill Grant who is now in the US Air Force. still finds time to get in some DXing. Good to hear from a Bill.

Good DX to all..... Art.

HERE ARE SOME VERIFICATIONS SENT IN BY JOHN Parillo Girard Ohio.

WKZO 3 Kalamazoo Michigan Mary Schippers (Card)
CKCO 13 Kitchener Ontario Canada Paul Turchan Ass.O.E. (Letter)
WFEM 6 Indianapolis,Indiana Bob Flanders C.E. (card)
WITI 6 Milwaukee,Wisconsin Dan Gellerup Teck Dir. (letter)
WGBH 2 Boston,Massachusetts Hartford N.Gunn Jr. Gen.Mgr. (Card)
WWL 4 New Orleans,La. J.D.Bloom Dir.Engineering (letter)
KTIV 4 Sioux City,Iowa Al Smith C.E. (card)

Thanks John got it a little late for last month.

One of our newest members has sent in a nice report,Donald Ruland 834 8th.St.Holly Hill,Florida.

He has received 89 TV Stations (all VHF)61 have been verified.He's received stations from 24 states and one possession(Puerto Rico) two provinces of Canada-Nova Scotia and Ontario.He has received several Cuban stations but none difinate.His farthest low band Station KPIX-5 San Francisco 2430 air miles,His farthest high band WITN 7 Washington N.C. and WNOT 9 Greenville N.C. both 500 air miles.

Sign on and off times sent in by Donald App.beginning of T.P. to sign off

		Sat.		Sun.		W.D.	
2	WESH Daytona Beach	1130	2430	1130	2400	0645	0105
4	WMBR Jacksonville	0630	2445	0945	2445	0630	2445
4	WTVJ Miami	0730	2445	0800	2445	0635	0100
5	WPTV Palm Beach	0745	2430	1315	2330	0645	0100
2	WTHS Miami	-----	-----	-----	-----	0845	1500
6	WDBO Orlando	0900	2430	0830	2345	0730	2445
7	WOKT Miami	0715	0100	0915	2400	0630	0100
8	WFLA Tempa	0815	2445	0945	2400	0630	0100
9	WLOF Orlando	1530	2415	1500	2415	1230	2415
10	WPST Miami	0945	2400	1045	2400	0745	2430
11	WINK Fort Meyers	1300	2400	1300	2300	1415	2445
12	WFGA Jacksonville	0700	2445	0930	2445	0630	0100
12	WEAT West Palm Beach	1430	0100	1400	0100	1430	0100
13	WTVT Tampa	0745	2445	0745	2445	0630	0100
38	WSUN St.Petersburg	1215	2400	1330	2400	1215	2400

Thanks Donald hope to here more from you in the near future.

The following has been sent in by Edward Rugel 304 North Park Blvd. Independence Kan.

To date he has logged a total of 196 and have verified 187 of them.Latest Rank

Verified Stations	187	States verified	39
Proviences verified	5	Countries verified	4

A few verified signers he has received.

XHTV Telesistema Mexicano S.A.,Edificio Televiscentro -Avenida Chapultepec No.18 Ciudad de Mejico D.F. Mejico VS/ J.N.Duran y Casahonda,Public relation (Ed.note with a address like kind of hard to diceper isn't it.)

CJBF 5 Swift Current Telecasting Co.Ltd. George S.Merchant C.E.

KTVO 6 Ken Karr C.E.

WKBT 8 Alvin leeman C.E.

WSAU 7 Richard D.Dudley General Manager

A short autobiography of Ed.

He is 18 years old(19 in Sept.) and attends Independence Community College,a two year college.He is majoring in Electrical Engineering and plans to attend either Wichita Univerisity or Kansas Univerisity after completion of ICC.Besides TV DXing he basketball and baseball.He is 6'2" .He has lived in Independence since 1950He began TV DXing in 1953 when he received WBTV 3 in Charrotte N.C.

A short note from Thomas Hidley 6117 N.Canfield Ave. Chicago 31,Ill.

He is very happy to have been able to attend the latest convention that we had out in the wet sutte of Illinois.Since he has gone home he has taken pictures of 41 T.V. stations,Patterns and Station Identifications.He was able to get one of WMAR 2 Baltimore also WOBS 2 New York.His total stations to date is 54.

My thanks to all who has written but sure do need more material each month.

Walter W.Spaulding R.D.# 3 Cardington,Ohio

In this issue I will endeavor to discuss "SKY HOOKS". First let me the antennas used here. I have two Wingard CL4X's stacked 5½ feet, 48 feet up/ also two TYRO channel 2-10 element Yaggi's stacked 101¾ inches at 48 feet up. Then I also have a TACCO super Trapper single bay up 40feet. (all are on Rotors) I will draw my comparisons from them as I feel they represent some of the better antennas on the market. I definately am partial to the Winegard products so I may be a little predjiced towards them. (Art Collins of Buffalo, N.Y. also will go along with me as the Winegard as CL-4 with power pack as one of the best)

It had been definitely proven that to get DX consistantly one needs an antenna with gain in the order of 20DB. How ever it is not imossible to DX with a lower gain, even rabbit ears, or conicals. A high rejection from the rear of the antenna is also a prerequisite. The CL4X has 3 reflectors where most others have only one. Where one has the facilities to switch from one antenna to another as I have, you can readily see the advantage and difference. In this location, when I beam on Chicago WBBM 2 I have St Louis KTVI2 on the back or vise versa. Ch 4 KMOX St Louis & Milwaukee WTMJ4 Channel 5 St. Louis KSD and Chicago 5 WNBO are simular cases. The co-channel interference is terrific unless your antenna has a high front to back ratio.

We have several choices, we can purchase our antennas or we can construct them. Space problems are always a draw-back to those of us who live in the city. To those who are blessed with the wide open spaces I will later discribe a fixed position antenna called the Rhombic.

The first consideration in a rotatable antenna which any one can construct is a 5 or 10 element Yaggi. If you do not have a source where you can puchase aluminum tubing I would suggest your contacting various TV service men or dealers to get the discarded VHF Antennas they take down. The element tubing should be ½ inch outside diameter. The Boom should be 1 inch or 1¼ inch out side diameter. If the lengths are shorter than you require you can splice them either swodging the end of one tube till it will just slip over the other. A small bolt will secure them. The other method wolud be to slip a short section of tubing inside the two ends and again sue a small bolt to each section be joined. Barney has sent me a drawing of the joining and slip ends of the tubing but really would be dificult to egt it clear on this stencil and whats more I'm sure it's not hard to see what he means and won't be hard to do.

Yours till the next discourse and 73's
The "Old BUZZARD Barney.

We are thankful to Barney for these fine articles and am sure that there are some who can and will derive some good from his information. His DX log and reception that he has reported sure proves he has some thing.
Art.

First, let me apologize for the lack of a column last month. As it turned out, I was so busy getting ready for my much needed vacation that I just didn't have time to even think of a column. Material was limited also, so not too much was missed. At this time, things are looking up. There is a good chance, if material is available, that the next few months will see IDX columns at least 2 pages long.

IDXers: Heinar Tammet of Tallinn, Estonia sends in an excellent report covering the first part of the summer. May: 11th, BBC-2 good; 14th, BBC-1, Switz-2, poor; 19th, W Germany-2, Italy-4, good to excellent; 27th, BBC-2,3,4, poor to good; 29th, BBC-2, Hungary-1, Czech-1, W Germany-2, Switz-2, Holland-2, and France-2, mostly fair to good. June: 7th (best day), Moscow-1, W Germany-2, Kalinin (USSR)-2, Czech-1, Italy-4, Switz-2,4, Rumania-2, BBC-1,2, E Germany-3, France-2, mostly fair from 0840 to 2105 GMT! 8th, BBC-1,2, Italy-4, Kiev (USSR)-2, W Germany-2, & Switz-2, mostly good; 10th, Hungary-1, Czech-1,2, Switz-2, W Germany-2, Rumania-2, & Lvov (USSR)-1; 11th, W Germany-2; 14th, W Germany-2, Czech-1, W Germany-3, BBC-1,2; 15th, BBC-1,2,4, USSR-1 (no town ID); 16th BBC-1,2, USSR-1; 17th, BBC-1,2,4, good to excellent; 20th, BBC-1; 22nd, France-2, W. Germany-2, BBC-1,2,4, Switz-2, good to exc.; 23rd, W Germany-2, Italy-4 & A, France-2, fair to good; 24th, BBC-1,2, Czech-1, W Germ-2, Switz-2, good to exc., 25th, BBC-1,2, good to exc., 26th, Lvov-2 (USSR) good; 29th, BBC-1,2 good; 30th, BBC-1,2 fair. Channel designations are this: BBC-1, 45 Mc; -22, 51.75 Mc; -3, 56.75 Mc; -4, 61.75 Mc. Switz, W Germany, E Germany, Italy -2, 48.25 Mc; -3, 55.25 Mc; -4, 62.25 Mc; -A, 53.75 Mc. France-2, 52.4 Mc. USSR, Hungary, Czech, Rumania -1, 49.75 Mc; -2, 59.25 Mc. These are video carrier frequencies. Heinar is studying hard this summer in order to pass exams to get him into a radio and television school this next fall. Good luck, Heinar, and thanks for the report.

George Palmer of Australia reports almost no DX of any kind, except paging stations on 35.58 Mc. Thanks for keeping the mail coming anyway, George.

Ronald Boyd of Nova Scotia, Canada, has finally obtained a Heathkit FM-3A and has it going on 40 to 60 Mc. He has also purchased an old Admiral 10" TV to take to school and to convert for BBC standards. So now, with a TV both at home and at work, he should have a chance for some really good European DX. Good luck, Ronald!

US DXers: A big (late) welcome to DXer Ronald Hilding of Phoenix, Arizona. He checks in with such DX as XEHW-2, XHTV-4, TG-BOL-3, OBUT-2, and CKOK-2 plus a TP on channel 3 that plainly read "XEHW-TV Canal 2" - anyone any ideas? He has a 10" type "630" TV of 1946 vintage, which he is planning to convert for European DX. Good luck, Ronnie, and here's wishing you lots of success in the U. of Utah this fall!

Stanley Penc checks in from Utica, NY, with a new European TV on order! He hopes to have it within a couple of months. It will work on all standards but the BBC (and US) and he can already receive these. So what more could he want? DX, of course!

Billy Draeb of Kewaunee, Wis., reports reception of OFRN-3 at 1320 miles on July 17 at 0055 CDT with fair to good pictures until after he went to bed at 0230 - no other DX during the interval. Thanks for the report, Billy.

Ed Rugel of Independence, Kansas, reports that July 6 brought him some good IDX. It all started around 2000 GST and lasted about 90 minutes. Logged were OFCJ-2 (new), OKOS-3 (new), CKOK-2, CJFB-5 (new) plus many unidents. He has also received a verie from XHTV-4 signed by J.M. Duran y Casahonda at the address of XHTV, Telesistema Mexicano S.A., Edificio Televiscentro, Avenida Chapultepec No. 18, Mexico 1, D.F. Oh yes, he had to write his letter in Spanish to get a reply. This makes 15 of his 19 IDX veried. A good record, Ed, keep it up.

Norris Doyle of Pittsburg, Calif., reports 2 IDXers. On July 7, at 1935 to 2030, he logged first OHBC-2, fair at 800 miles, and then CKOK-2 good at 1150 miles.

Ed Hopp reports "no DX to speak of lately."

John Owen Broomall checks in with a log that is the best from the US since Bedford Brown last DXed. Here it is: June-- 10, CMAB-2; 11, CMKU-2, CMAB-2?; 20, OKOW-2; 28, OKOW-2; 30-OKOW-2!, CBFT-2; July-- 1, OKOW-2?; 3-CMKU-2, OKOW or CJIC-2?; 5, WKA Q-CMKU-2, CMBF-4; 7, CBFT-2; 12, CMKU-2, CWHQ-5, CMO-3 (anyone know the proper call?), and some western station by double hop, no ID; 15, CMKU-2; 23, CMKU-2; 24, CMEU-2; 25, CMKU-2?; 29-WKAQ-2; 31-CMKU-2, CBFT-2, CJIC-2; August-- 1, CJBR-3, CBFT-2; 5, WKAQ-2; 7, CBFT-2; 8-CJIC-2; 12, best day - too good, much QRM, ID CMKU-2, CMAB02, HIT-2. (Has

IDX-2

anyone else seen HIT on ch 2? All my info has it on ch 4.) Oh yes, he has HIT-2 photoed. He reviews his DX this summer like this: "85 Es receptions this summer; 35 were foreign (16 Cuba, 5 Puerto Rico, 1 Dominican Republic, 13 Canada). Es on 50% of days... 2 out of 5 were foreign..." The CMO net starts with CMO-6 in Havana, and has relays on channels 2,3,5,6 and high banders. Likely the TP is usually relayed from CMO-6, but not always, hence the confusion about calls. I have no info of 2 CMO's on channel 2, but there are 2 channel 6's, the second one in Camaguey, CMOJL-6. Hope this answers your questions on CMO-TP's. Channel 2 in Havana is CMAB. Thanks, John, for the excellent report and write-up. Keep up the good work.

Congratulations to Robert B. Jr., and Carole Lee Cooper, on their recent wedding.

A big thanks to all who have keep up writing and reporting in spite of my lack of answers. I have about 25 letters here that I yet hope to answer.

A note from Doris Johnson reports some terrific IDX! At 9 PM Saturday, Aug 23, sh heard Australia!! It happened to be George Palmer on the other end of a telephone! What a thrill that must have been, even though not TV. I was very pleased to have been able to visit with Doris and Don, and Ed Hepp, on a part of a day during my vacation. While there, I saw my first IDX MS with CKOK-2 showing very plainly for a few seconds. Ed Hepp rode back to Portland with us, and we also enjoyed seeing his set-up. The rest of our vacation was also profitable.

Ferdinand S. Dombrowski, Jr., of Okauchee, Wis., asks some questions which may be of interest to all. European TP's that I have and will copy for a price include Switzerland, Czechoslovakia, Sweden, France, West Germany (several), Finland, Denmark, USSR, BBC (3). Unfortunately, due to time involved, I can't copy them very cheaply. I would put 4 TP's on one 4x5 print - with 3 different prints available. This would give 12 TP's for \$1 or 4 for 50¢. No delivery date can be promised, and groupings, once decided, will be fixed. These are all DX photos of Heinar's. If there should be 10 requests for all 12 before next deadline, I will make it 16 at no extra cost. Pay on delivery. Other questions on IDxing. The kit costs 25.95 and the shipping is 8 pounds from Benton Harbor, Mich., to your location (ask PO for cost). I can still supply the conversion instructions and needed extra parts for \$5. No, a SW set tuning from 40 to 60 Mc would not be easy to convert for a TV converter, but most any FM-tuner could so be modified. I am still not set up to build or modify converter here. These converters do not change the TV standards at all, they only let you tune the 40 to 60 Mc band continuously. Of course, 62.5 line video on 41.75, 48.25, and 49.75 Mc should be receivable with no internal modifications if your hold controls have a little range. But if your set is intercarrier, you would hear little, if anything. Another FM-tuner could be used for audio, if channel 6 is used as the IF channel.

F2 PREDICTIONS: On the basis of available F2 loggings this year, and in comparison with last year, I will attempt a long-range forecast of European DX. Of course, you must realize that this is at best a risky business, and due to my vacation, some possibly important loggings are missing. Corrected forecasts will be issued monthly. The first BBC DX on 41.5 Mc may come between Oct 5 and 7 in the East, with another chance from the 10th to the 12th, the 12th being most likely. Then between Oct 15 and 17, I expect to hear the BBC, most likely on the 16th. The next interval should be 21-25, with a peak on the 23rd. November looks like this: 1-5, 9-12, 16-22, 29-Dec 4 with best days likely on 3, 9, 18, 19, & Dec 1. The rest of Dec and first part of Jan look like this: 7-9, 15-18, and 26-Jan 6 with best days on Dec 8, 16, 29, and Jan 2. Such DX is likely to die away sooner this year than last, although I may be as wrong as last year. Most DX will be shorter lived than last year. The MUF will also be lower, and may peak in November, with little likelihood of reaching US TV channels. However, DX to more southerly locations are expected to be as good or maybe better than last year. Now for some hourly predictions of BBC DX. This year I will make two sets of predictions, one for Nova Scotia, and one for Loma Linda. The Eastern US should follow NS, and points between will follow about proportionally, with the NW US being poorer than LL, on the average. Predictions are:

	EST	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	EST
OCT. to NS	29	32	34	35	36	36	36	36	36	34	29	Mc
OCT. to LL	-	-	24	30	33	35	32	29	26	-	-	Mc
NOV. to NS	26	34	39	41	42	42	42	40	34	29	29	Mc
NOV. to LL	-	-	-	-	28	35	37	33	26	-	-	Mc

IDK-3

These figures are for average days, and peak days may reach 10 Mc higher, especially in the East. The dashes are where values fell below 20 Mc. This looks good for the East, but not very good for the West, where the average is not even apt to reach TV frequencies. But peaks may reach 48.25 Mc. This is the 2 Mc lower that I spoke of, as last year just reached into 50 Mc. However, the East coast is not likely to exceed 54 Mc. It just might do so, though, so don't give up now.

LOOKING BACK: For your interest (and mine) here is a summary of last years predictions and local loggings for comparison. In July (for August bulletin): No BBO until Oct, then likely 0700-1030, peaking 0830 (all times PST), MUF may reach 46 Mc. Actual observations: first logging at 0730 for 1 minute, next 0825-0901; during rest of Oct, almost daily reception of BBC audio on 41.5 Mc shows: earliest-0630, usually by 0700; latest 1150, usually until 1100; best 0805 to 0900, next best 1100! Average daily best, 0825; first bideo on 45 Mc, 0810-0830, only other time in Oct, 0806-1050, being best at 0815.

September predictions: Average day in Nov. - 0930-1000 for BBC audio, likely some DX from 0600 to 1200. Actual DX came in from 0630 to 0920 for starting times and 0940 to 1200 for ending times. MUF was predicted as averaging about 44 Mc, maybe going to 54 Mc. The average was below 45 Mc, above 42 Mc, and only barely reached above 50 Mc in the West, although it exceeded 54 Mc in East. Date predictions were made for peaks to fall near: Sept 21, Oct 19, Nov 17, and Dec 15. There was an F2 peak from Sept 15-22, but no BBC, and no checks made on the 21st. There was weak BBC reception on Oct 9 & 15, then audio reception of good quality the 16th to the 18th, with the 16th being best, and no checks on the 19th. Reception of some sort was logged almost every day the rest of the month, with the month's best day being the 31st, unpredicted. November continued with the peak until the 6th. Good reception started again on the 12th and lasted right through the 21st, with the 17th and 19th being the best days here, and the 21st also being good in the East. December showed a peak on the 4th, 8th, and from the 17th to the 19th, and good DX most of the days after the 21st. The 15th was dead!

In September, December was predicted to be about like November, except shorter openings and slightly lower MUF's. It actually was up to 2 Mc lower, and started only as early as 0750 and lasted only as late as 1130 - except for the last week, when conditions picked up unexpectedly. This followed into January, bringing the very unexpected trans-US DX on an all North path. The October forecast was also modified to include an F2 opening likely to start about the 7th. BBC was logged on the 9th. The 11th was predicted as dead, and no DX was logged from the 10th to the 14th.

In October, January was predicted to be poorer than December, but better than October. January was actually better than December, especially the first part which followed the Dec prediction! Date predictions were: Nov 5-7, 11-15, 22-29, Dec 2-5, 9-13, and 20-31. Peaks were Nov 1-6, 12-15, and 16-22, with 22-29 being generally bad; Dec 3-5, the 8th, 17-19, and a big pick-up after the 21st, for the rest of the month and into January.

In November, February was predicted to bring the last of the BBC. The next-to-the-last logging was Feb 18, with the last one being Mar 2. Date predictions were: Nov 29-Dec 5, Dec 10-20, 25-31, and Jan 6-16. Peaks were Dec 3-5, the 8th, 17-19, and 22-31, Jan 7-16 for BBC, and 1-9 for trans-US. In December, January was still predicted to have reduced MUF's, which by now everyone knows was the best, at least for single hop F2.

As to whether this degree of accuracy will be achieved this year, no one can but guess. The real peak in the sunspots occurred in November, with a count of 200 (a 12 month running average count, that is). It had been over 190 since July, and was still 198 in January. Predictions through January, 1959 still show an expected value of over 150, and October, 1956 had only 154, and December, '56 had 162, so... Prediction are not made of values over 150, but last solar cycle, the peak was only 133, and it was still over 100 two years and four months later.

SHORTS: Broadcasting reports that OAX4U-TV should be on the air in mid-September. It is in Lima, Peru, but no channel was listed. I think it will be 5. The owner is Antonion Umbert. It is one of six licenses.

Guess that's it for this time. Good luck to all.

-gs

THANKS and a "tip of the hat" to the following DXers who wrote this past month: John Cody, Clinton Day, Michael Evangelista, Ron Hilding, John Parillo, Bryan Rawlings, King Schafer, Gordon Simkin, Stanley Penc, and Frank Wheeler.

As you can see, the number of correspondents is falling off. Please write - TODAY! We are sorry that the sample verie cards were not in the August bulletin as promised, but they are included this month.

Congratulations to the AIPA upon its purchase of a new mimeograph machine. It certainly improves the appearance of our bulletin!

RECORD RECEPTION "CLUE" - 1000 μ , 500 μ , Hi band, 200 μ UHF - Ron Hilding 62, Bill Meers 14, Bryan Rawlings 9 Hi 1 (latest tot.), King Schafer 58 Hi 8.

PLEASE, all of you top DXers, send in at least your 1000 μ U.S. and Canadian receptions NOW! We are compiling, from your listings, the record distance at which each U.S. and Canadian low-band station has been received. You may be able to supply this record for one or more of 30 stations for which no listings have been received, or top some existing records. Don't be left out! Get the credit you deserve! Send your listing TODAY.

ID STATION LIST - We deeply appreciate material send in for this by several of you. However, because of a lack of widespread support necessary to make the LIST complete, we will have to put the idea "on ice" for the present. With enough additional support we will be glad to resume our efforts as we feel that this LIST would be of real value to all DXers - don't you?

EXCHANGE COLUMN TRADE - "...one brand new Raytheon 6CX8 tube for any other new tube I can use. Will trade or sell brand-new Zenith cheater cord for recessed receptacle" - KING SCHAFFER Other items the same as last month with these exceptions: AVAILABLE - All 50 editions of TV GUIDE listing majority of TV stations in the U.S. Recent issues. Will help you ID your unides. FREE! When ordering, enclose postage. WANTED - Will pay ONE DOLLAR for the first good copy sent me of any bulletin published during the first year of the AIPA. FINAL OFFER! SUPPORT THE EXCHANGE COLUMN!

ANSWERS TO AUGUST "QUESTION OF THE MONTH" - WHAT DXING EQUIPMENT WOULD YOU BUY IF COST IS NO CONSIDERATION? "Zenith TV...stacked Kay Townes Super Rearguard for VHF...stacked Taco 12 bay UHF...CDR model AR-22 rotor...Blonder-Tongue 'Masterline' booster, and a SX-62A Hallicrafter radio receiver." JOHN CODY

"All channel yagis such as the C14X or a Taco, on a 60 to 100 foot tower. I'd keep my Alliance rotor and Admiral 21A3ZX set, but perhaps add an antenna-mounted booster and UHF equipment." BRYAN RAWLINGS

"Best TV set I could buy...good booster...Traveling Wave Antenna...CDR or Alliance rotor...Spaulding TV tower (47 feet)...or a outfit like Seybold's." FRANK WHEELER

SUGGESTIONS FOR IMPROVING THE AIPA - Have "four or five conventions serving different areas such as the Northeast, South, Central, and Great Lakes, and Pacific. This would give a lot more DXers the chance to meet other AIPA members. I also think that the AIPA should advertise itself more. Many DXers have never heard of the AIPA." JOHN CODY

"...by having DX tests more often; by trying to get more members to send in information to the bulletin." JOHN PARILLO

SEPTEMBER QUESTIONS - What did you think of the 1958 E skip season? Have you ever received Es on channel 7? Have any TV manufacturers or distributors given you any DX equipment? If so, please let me know!

PERSONALS - If you get new DX equipment, move, begin a new job, start to college, have an addition to the family, or anything else happens that would interest other AIPAers, please send it to our new PERSONALS column. Please support this column!

This month we welcome two new members into our group, Tunis, Jr, and Bruce Romein of Due West, S.C. The Romein brothers, age 12 and 11 respectively, are probably our youngest members now. (Anyone younger? Please let me know.) On July 31, 1958, their antenna was moved to the roof, and that night they received CJIC2, their first DX station. Thus began their interest in TV DX. Since then the Romein brothers have logged a total of 19 stations - 5 via Es and 14 by GW or Tropo - with their Motorola TV and single-bay monic

The GORDON SIMKIN Story (concluded)

In 1953, when Gordon was in his Junior year at college, he started working part-time as Research Assistant in the Biophysics department of the College of Medical Evangelists (CME) at Loma Linda near La Sierra, California. His job was to "design, construct, and maintain special electronics equipment for medical research and clinical use." This equipment included an electron microscope, PH meters, electronic thermometers, etc. Because of his almost full-time work, Gordon had little time for DX. The next summer he graduated from college with a BA degree in Physics, and went to work full-time at CME.

Gordon was drafted on January 8, '55, inducted on Jan. 18, sent to Fort Sam Houston for 11 weeks of medical basic training, and then assigned to the US Army Hospital in Fort Lee, at Petersburg, Virginia, as a medical maintenance man.

After logging KVOO2 on the day-room TV, Gordon bought his own TV, and by DXing most of his spare time, logged 86 stations. He sent DX reports to Ed Tilton, then Radio-Electronics TV DX editor and was listed in the R-E "Over 50 Club". Bob Seybold saw his name and sent him information on the AIPA. Meanwhile, Gordon had been transferred to the US Army Hospital at Aberdeen Proving Ground near Baltimore, Maryland, but the information finally reached him. "Out of sheer interest in TV DX!", Gordon immediately joined AIPA.

Being dissatisfied at this assignment because of a "lack of confidence in me", Gordon applied for a job as Assistant Electrical Engineer. The day after Thanksgiving 1955, he got the job, which took him to Eniwetok and Bikini Atolls, recording data for the AEC. He again got a TV for DXing and logged Hawaii (chs. 2-4), Manila on ch.3, and a tentative Bankok on 4. He returned to the States where he was married on Aug. 19, 1956.

In anticipation of F₂ DX from Europe, Gordon built a TV converter and logged BBC ch.1 audio on October 29, 1957 - video about a month later. Also, audio was received from BBC 2, and France ch.2. European F₂ lasted through February 1958.

On January 17, 1957, Gordon was discharged from the Army and returned to Loma Linda. Soon he became IDX editor, and "here we are to date!"

Gordon says the following of his DX activities, "I have TV DXed since 1950 from Florida, Virginia, Maryland, Arizona, California (2 locations), Eniwetok and Bikini Atolls, and for a day or less from Indiana, Michigan, Connecticut, and Washington, D.C. I have seen about every form of DX, except multiple hop Es! Well, maybe once. I do not limit my DXing to TV, but to any unusual type of propagation including F₂ DX. I can tune, with fair sensitivity, any frequency from 150-300kc, 540kc.-216mc, and am working on a surplus set to tune 200-400mc; also have UHF converter for 460-900mc. I have listened to signals as low as 15 kc.

My interests in TV are from the technical viewpoint: circuitry, propagation, etc., and I rarely watch TV programs. I don't even have a TV in the house. I have a car radio that tunes directly from 150-300kc, 530-1620kc, 86-110mc, and by image response I can tune TV channels 4-6, and by other types of QRM, I've heard ch.3, and channels 7-13 when strong. I have 110V, 60 cycles, at 125 watts, in my car so that I can operate almost any radio wherever I go. I have even run a TV in my car! - not while in motion."

In addition to DXing, and ham radio - W6KUH (mostly 6 meters), Gordon is also interested in photography, stamp collecting, and gardening.

Next month we hope to have additional DXERS of the MONTH for your reading pleasure.

WANT A "PEN PAL"?- RON HILDING, a recent AIPA member, of: 3420 North 27th Avenue, Phoenix, Arizona, would. (He has received 92 stations- 62 were 1000+, most are verified. Also STANLEY PENC (interested in stamp collecting), and JIM HOWARTH (member of "Order of DeMolay". Please write these DXers!

Did anyone find the first recorded reference in history to ionospheric propagation? The answer is JOB 37:18, "Hast thou with him spread out the sky, which is strong, and as a molten looking-glass?" (Underscoring mine) The 19th Psalm vs. 1-4, is also on this subject. If you can find other Biblical references to our hobby, please let me know!

PREVIEW- Coming attractions include: Answers to previous "QUESTIONS of the MONTH", such as, "How did you find out about the AIPA?", etc.; information on the various types of test patterns (Please send me your TP definitions), plus all of the regular features. ADDRESS UNTIL FURTHER NOTICE : JOHN OWEN BROOMALL, 578 PARK DRIVE N.E., ATLANTA 6, GA.

Well, August was a pretty poor dx month for most of us, altho one of our members, and a new member (soon) had pretty good luck with some tropes, logged just a few miles from their home, on Mt. Ashland, I'm speaking of Eddie Albright of Medford, Oregon, and Charles Wood. On Aug. 15, they loaded their equipment in Eddie's VW and took off for Mt. Ashland and some good dx., they hoped.. and they logged KCRA-3/KBET-10/KGW-8/KOIN-6/KRON-4/KGO-7/KPTV-12/KOVR-13/KVIP-7/KHSL-12/KPIC-4/KVAL-13/KBES-5/KOTI-2/KIEM-3/ with 5 new logged., and the furthestest was KRON-4 at 350 miles. Boy wouldn't we all love to have a Mt. like that in our back yard..hi hi..Eddie also sends in the following report..July 24, KPTV-12/KGW-8/KOIN-6/ all exc. tropes, and unid. ch. 2 by skip. July 25, unid. ch. 4 by skip/July 29, IHTP-2 by skip/July 30, KPTV-12/KGW-8/KOIN-6/ all exc. tropes. KXJB-4/KDLO-3/KFBB-5 (?) /WDAY-6 or KPLO-5 (?) /KOB-4 (?) KTVI-2 new/KFBC-5 (?)KTWO-2/KCKT-2/All by skip and KIEM-3 by tropes. Aug. 7, KOB-4 (?) by skip. Aug. 8, 77 ch 3 by skip and KIEM-3 by tropes. Aug. 13, unid. ch.4 and 2 by skip. and Aug. 16, unid. ch.2 by tropes, KIEM-3 by tropes. Aug. 18, KOIN-6/KGW-8/KPTV-12/ all exc. tropes, and Aug. 19, KOAC-7, by tropes. Eddie's new total is 80 with the 5 new.

Charles Wood, also of Medford, writes that he has over 50 stations but has to use the family t.v. and a ch. 5 yagi antenna which of course limits his dx. He hopes to have a t.v. of his own, plus a new antenna soon. He has a Philco 54 model with a 300 chassis..(me too)(I think the 300 chassis is tops..but of course others think their sets are tops also..just a matter of opinion) I hope to be able to welcome you in the club next month...

Some of the nicest things happened to me this past month..one being that Gordon Simkin and his lovely wife Joan stopped the first part of the month, and spent a couple of hours with my husband and myself, and Ed Hepp of Portland, who was also here. Gordon, Ed, and myself talked DX so much, I'm afraid poor Joan was quite bored. Gordon played some tape recordings he made of the BBC sound..that was quite a thrill to hear..plus showed us numerous pictures which he had of the European t.v. test patterns. I'm sure both Ed and I never spent a nicer afternoon.

The other "surprise" came in the way of a long distance phone call from a fellow dxer ..George Palmer of Melborn, Australia..... Such a pleasure to talk with Mr. Palmer. He asked us to try and help him secure some articles which he could not get in his country.. and we were most happy to try and comply...A very pleasant phone call to be sure...and a most interesting one....

Another BIG surprise was a verie for me for CKCW-2 in Moncton, N.B...in regards to the F2 which I received the first week of Jan. of this year. Between Ed Hepp and myself..we must have written them 5 letters..with all going unanswered. A couple of weeks ago..for want of something better to do..I decided to try them one more time..So thanks to a book called "Broadcasting Telecasting" which Gordon S. gave me...I looked up the Pres. name(of CKCW),and wrote a 2 page ..very official type letter to them...plus sending money for return postage. I told them how WTWC-2 and WCBS-2 and WGR-2 and others had answered..and that the head of the CBC stations in Montreal..said that if it were a CBC network station..THEY WOULD answer..and etc., and etc and...low and behold...they answered..whether to just plain get me off their neck..or what..I don't care..but they answered..so I'm happy.. So let this be a lesson boys..never give up trying..for those veries.