"American Ionospheric Propagation Association"

TV - DX

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Editorial...

Well,...July is here again,the annual AIPA convention is at hand in Speedway,Indiana and we prepare for a big month of DX of both E skip and increasingly better tropospheric(trops) DX reception.Double hop E skip should hit some areas during July. Also,UHF DX should be on the upward trend during July and into August and with it VHF trops may reach greater distances more often. So be alert!

Due to the convention and your publishers going to same,this month's bulletin is alittle earlier regardless of number of reports.Late reports, if any,will be held over for August bulletin.

The remainder of the Equipment Tabulation listings are included with this month's bulletin. Thanks to all who sent in their Equipment sheets. Response was very satisfactory! In near future an article~~s~~ or articles will be written and published in bulletin as a "summary of equipment".

Anyone having difficulty getting WAIQ ch2 to verify,please send a self-addressed stamped envelope to your secretary,Bob Seybold,and will oblige with a special verification form for you to sent to WAIQ ch2 to lure a verie from them. I am fairly sure they will verify with special form. I have a verie from them . Signer is Al Renfro,Chief Engineer.

Recent renewals include: Ed Hopp;Al Caldwell Jr.;Ivon Harris;B.H. Rauch; Carleton Lord;James Howarth;James Brown;Kenneth Stoll. Welcome for another year fellas!

Our two new editors,namely,Walter Spaulding of Cardington,Ohio as the editor of "RANK" and Gordon E. Simkin,Loma Linda,California as the International DX editor both need as much material for their columns as AIPAers can possibly supply them with.So,please support your editors,one and all. I believe a good word should be put in here for Frank Hill,the former editor of "RANK" who did such a fine job and I know Frank will always be ready to lend a helping ~~hand~~ hand.I see that our new editors, Doris Johnson and Gordon E. Simkin did a real fine job in their first efforts as AIPA editor .

Word has reached here that the westerners have been getting some real terrific E skip this past month including South America,double hop skip and lots of single hop skip. It certainly hasn't been anything like that here in the east,at least not the northeast. Even single hop openings have been rather few for the month of June,although whatever openings there were,were usually strong and prolonged. Trops has been rather good.

Deadlines for August bulletin are as follows:Longview,Wash.,Cardington, Ohio(RANK column),Loma Linda ,California(I-DX),July 25th;Buffalo(FCC News),~~July 25/26~~ July 26;Hot Springs,Ark.(CCI column),Shelbyville,Ill., July27;Dunkirk,(Eastern reports),July31st.

Watch your newspapers,etc, for firing of Aerobee rocket from Holloman Air Development Center at Alamogordo,New Mexico sometime in July.

Best DX & 73's to all------RS

Low Band Locals-Part 2

The ability of knocking out your low band locals is very exacting, but the required equipment for the average Dxer is rather simple for all practical purposes. You probably all heard of the dipole method, well that is the basis of our system here, but it must be pointed out that construction of these dipoles must be correct and that a length of 300 ohm line on a wooden pole, or rabbit ears, isn't the answer.

For use on channels 2 & 3 we have a very simple unit. It is a straight dipole 92" long, each element being 45" long. The center insulator accounts for the extra two inches. This insulator may be constructed of wood for inside use, and plastic for outside use. An inch or so of extra insulator length is not critical. The elements themselves are stacking bar rods of 3/16 stock. They bend quite easily so when using dipole, take care. You could use stronger material if you wish, but make sure its proper antenna metal. All you do now is bolt the elements on the insulator, and add extra nuts and washers for the attaching of about 14' of good grade 300 ohm ribbon line. This will give you plenty of room for probing. I should mention that it must be flat line.

On channels four through six, we use the tripole stack of folded dipoles (2 high, one low) from an old Channel Master Champion. All we did was add a short length of tubing, about 6", in the boom socket, so we could mount the terminal block where the stacking leads are connected. On this block we attach our line in same manner as described above. I must point out that it is very important to keep the high band dipoles on this unit. Remove same, and you will not obtain satisfactory results.

With these two dipoles, and a outside antenna of fair directional qualities, you should be already to give your locals a hard time when that ole skip hits. It must be said that in application of these dipoles and other devices for this purpose, it's not going to be as easy as you may think.

When you first notice skip hitting on channels 2 or 3, attach your straight dipole in parallel with your outside antenna. Then turn outside antenna towards the weak point of your local, that it is nearest to the general direction of the skip. Usually a turn of about 90 degrees will do. Now make sure that your dipole and your outside antenna are both connected together on your receiver input terminals. Now take your dipole by the insulator (do not touch or let any part of the elements come in contact with your body or metal) and probe for the point where the best pattern action of the offset carrier is the strongest. If you use this as a starting point, you will find a point where your local will "crack", and where the possibility to identify the skip will arrive. A fraction of a inch in position can make or break this chance for ID. You will however have to follow several other steps, before such is possible. These of course will be outlined later. Knocking out locals on channels 4 to 6, employing different methods, and those as well will be outlined. We will continue on this subject again next month.

A booklet that should be a must for all Dxers is by name, "Television Signal Analysis". It describes network transmission trouble effects, and various other data. It has some very valuable test pattern info also. For your free copy write: American Telephone & telegraph Co., Long Lines Dept., c/o- Mr. F.R. MacFarland, Division Commerical manager, Room 915, 250 Park Ave., New York 17, N.Y.

See you next month. Best DX & 73's,

King Schafer

" AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION "

July 6,1957

" FCC NEWS "

Compiled by Art Collins

FCC GRANTS.

Ch 3 Great Falls,Mont.118 watts.
Ch 4 Cheyboyan,Mich.
Ch 5 Weston,W.Va. 100Kw-50Kw.
Ch 5 Great Falls,Mpnt.
Ch 7 Hayes,Kan.81.3Kw.-44Kw.
Ch 7 Ponce,P.R. 1.408Kw.704watts.
Ch 9 Orlando,Fla.(WLOF)
Ch 11 Garden City,Kan.Sat.fr KCKT.2
Ch 13 Sioux Falls,S.D. (KSOO)
Ch42 St Louis,Mo. 22Kw-13Kw.

"AFFILIATE"

WPST-TV in Miami,Fla will be ABC-TV.

APPLICATIONS in to FCC

Ch 3 Lafayette,La. 316Kw.50Kw.
Ch 4 Hay Spring,Neb.100Kw-50Kw.
Ch 4 Charleston,S.C.58Kw-32Kw.
Ch 8 Moline,Ill.316Kw-200
Ch 12 New Orleans,La.316Kw-158Kw.
Ch 15 WVEC-TV Hampton,Va. seeks change to Ch 13.up to 316Kw.
Ch 23 Des Moines,Iowa.23Kw-14Kw.
Ch 39 Indianopolis,Ind.17Kw-10Kw.
Ch 48 Mobile,Ala.22.21Kw-13.33Kw.
Ch 64 Pittsfield,Mass.151Kw-75Kw.

"CALL LETTERS ASSIGNED"

KSBY-TV Ch 6 San Luis Obispo,Calif. changed from KVEC-TV.
WJCT(TV) ch 7 (Educational) Jacksonville,Fla. changed from WETJ(TV)
KOCA-TV ch 7 in Corvallis,Oregon.
WTPA-TV ch 27 Harrisburg,Pa. changed from WCMB-TV.
WDAK-TV ch 28 Columbus,Ga. changed #### to WTVM (TV).
WBPZ-TV ch 32 Lock Haven,Pa.
WCMB-TV ch 71 Harrisburg,Pa. changed from WTPA(TV).

"MIS'L NEWS "

Ch 2 KTWO-TV Casper Wyo to increase powereto 13.71 Kw.
Ch 6 WSPD-TV Paducah,Ky. went on the air the last of May 1957. (NBC-TV)
Ch 10 CHOX-TV Argentia Que.Canada. operating as a Satellite.
WIS-TV in Columbia S.C. ch 10 asking for C.P for 1,518 Tower & 316 Kw power.
Ch 10 WPST-TV Miami,Fla. 316Kw.(ABC-TV) Air Date set for Aug.1st.1957.
CH 15 WBLN-TV Bloomington,Ill. went dark again this year,probably back Aug.
Ch 18 WSYE-TV Elmira,N.Y. Oked to go up to 120Kw 60.2Kw and Antenna change.
Ch 43 WEEK-TV Peoria,Ill. Oked to go up to 178Kw-91.1Kw.-Ant Change.

The FCC plans to make the Albany,Troy,Schenectady N.Y. area all VHF in stead of the proposed UHF. To make Ch 10 in VAIL MILLS;Ch 6 in Schenectady WRGB to stay...Shift ch 13 #### in Utica to #### Ch 2 in Albany submit ch 2 in Utica..Ch 41 in Albamy WCDA to Ch 10 in Vail Miles... Ch 35 in Albany,WTRI would go to Ch 13 there.WKTV 13 a change to Ch 2...

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James a.Brown of 3626 Hawthorn Dr. Jackson,Miss is a HAM, W5DRP and would like to hear from other HAMsto more or less form a AIPA not of some sort. There are many of our DXers who operate HAM stations so please drop James a line.

Again to those who want report forms (IF you don't already receive them) just drop a 2 cent card to King Schafer and request them.This will answere Harry Websters request. By the way Harry reports godd reception of the DX Test ,CJIC-TV ch 2 .

Hank Ward of Ponca City,Okla. reports wonderful Skip and Gr.Wave. wath a list of stations a mile long,Coast to Coast. By all indications the E-Skip has andis good all over .

Art Collins

Well to start with I was hoping Frank would make up this column but I guess his work at home prevents him.So I will try and do this column.I will need your reports to keep it going and I am sure you will send them.
My address is R.D.3 Box 168 Cardington,Ohio.Walter W.Spaulding.

Would like to have you send me your reports of veries and there signers.

Bob Seybold sent me a verie and a few sign ons.
KBTX-TV Ch 3 W.B.Cox,CE,East 29th St.,P.O.Box 3237,Bryan,Texas-uses RETMA chart TP
KOTI-2 Test pattern with call on at 1400 EST
KLRJ-2 CBS test pattern with call on at 1300 EST
KLEW-3 On at 1300 EST
KBES-5 On at 1300 EST
KIEM-3 On at 1400 EST
Thanks Bob,hope to meet you at the convention.

Here are a few more veries that I have as I haven't received any other reports yet.
WBBM-TV 2 Chicago,Ill.(CBS)L.A.Biem Manager T.O.
CBS-TV 2 485 Madison Ave.New York,N.Y. George V.Sherman
WCIA-TV-3 Champaign,Ill.509 South Neil St. Robert L.Meyers CE.
WRCV-TV-3 Philadelphia,Pa. William A.Howard Supervisor TV TO.
WBEN-TV-4 Buffalo 2 New York.no signer
WJAC-TV-6 WJAC Building,329 Main St. Johnstown,Pa.Frank P.Cummins PD.
WXYZ-TV-7 1700 Mutual Building,Detriot 26,Mich.Charles Kocher CE.
WFBG-TV-10 1320 11th Avenue Altoona,Pa. K.R.Brubaker CE.

WFBG-TV is located approximately five miles north of Altoona,Pa.on Wopsononock Mountain.Ground level at our transmitter site is 2,580 feet above sea level.Antenna hieght is 169 feet above the ground and 980 feet above average terrain.They transmit with 316,000 watts vidio and 160,000 watts audio.The antenna is a General Electric 12 Bay.

WOET WOET*48*Cincinnati*is*the*country*first*educa**

WOET 48 Cincinnati is the first educational station and will be increasing there programing to 40 hours a week this fall.Also are putting in more eqiptment.

*** *** *** ***

Well I see where I have made a few mistakes but I hope you will be able to make them out.I don't have any more to print as I haven't received any reports.Hope to be able to have more next month.73th to all Hi Hi

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

** Eastern DX Column Compiled by: Robert Seybold,Dunkirk,N.Y.

William Grant,Worcester,Mass.-June2,Es,KSD5 WREC3;June9,Es,WBAY2 WISC3 WJBK2 KTVI2(new);June10,Es,KMTV3(new);June11,Es,WREC3 KTVI2;June12,Es, KTVI2;June16,Es,WFMY2 WEAR3;June17,Es,WSB2;June20,Es,WREC3 KTCA2(new); June21,Es,WAIQ2;June22,trops,365 miles,WRTG5(new) WRCV3 etc;June23,trops, WFIL6 WCAU10(new);June24,Es,KMTV3;June25,Es,WREC3.

Al Caldwell,Brockton,Mass.-June9,Es,WBAY2 WJBK2;June10,Es,KVOO2;June11, Es,KVOO2 WCIA3 KYTV3 KMTV3;June16,Es,WSB2 WREC3 KYTV3;June17,Es,WSB2 WEAR3 Cuban on ch2;June19,WSB2;June20,Es,WSB2 WREC3 KDLO3(new);June21,Es, WSB2 WAIQ2;June23,Es,WLBT3;June25,Es,WREC3 KYTV3

Stan Penc,Utica,N.Y.-June2,trops,WGR2 WBEN4 WEWS5 KDKA2,Es,WLBT3 KARK4; June8,trops,WFIL6,Es,WBBM2(new);June10,Es,KPRC2 KVOO2 KARK4 KCKT2 WMT2; June11,Es,WBRZ2 WAIQ2;June14,CBFT2;June15,trops,WRCV3(new) WFIL6,Es, WBBM2;June16,trops,WRCA4 WCAU10(both new) WRCV3 CBFT2,Es,WMBR4.

Carlon Howington,Uniontown,Ohio-June2,(all E skip unless otherwise noted)-KTVR2(new);June3,trops,WGEM10(new)WHIO7 WFBM6;June6,KSYD6(new); June10,KROD4 KXJB4 KOOK2 KDIX2(all new) KMID2;June11,WOAI4 KRLD4(both new) KMID2;June14,KMID2,trops,WNBQ5;June15,KPRC2;June17,trops,WMAR2 WFIL6 WROC5 WNBQ5;June18,trops,WKZO3(new) WOOD8(new);KMID2 KRLD4;June19,KPRC2; June20,KCKT2 KTVR2 KOA4 KCKT2. His log now at 81 with 13 new this period.

B.J. Bingham,Festus,Mo.-May30,Es,WUSN2(note:all reports a[illegible] E skip unless otherwise noted-same for all reports in Eastern colum[illegible])-June2, WGBH2 WCBS2 WRCV3 KID3 KMID2;June3,KID3;June10,WRCV3 CMG3 KOOK2;June11, CBHT3(new) KID3;June14,KID3 KUTV2;June17,Ms,WGR2;JUne18,Ms,WMAR2;June 19, KID3;June21,KDIX2 KXLF4(both new) KOTA3 KUTV2 KID3,trops,WH[illegible]4 KARK4 (both new);June22,KOOK2 CKCK2 KID3 & others(o skip).Log at 1[illegible]6,5 new.

B.H. Rauch,Peoria,Ill.-May27,trops,200 miles;May28-30,trops,200 miles, UHF,200 miles,WXIX19 WTVO39;June2,KPRC2 KFDX3 KMID2,trops,WTVO39;June10, WOAI4 KPRC2 KBTX3(new);June11,KRLD4;June14,KGBT4;June22,KUTV2 & many other unided via E skip; June2,,3,4,5,6,7,,8,9,10,11 & 15,trops,VHF,200 miles, such as KOMU8 KFVS12 WEAU13 KCMO5 KTVO3 WISC3 WHO13 KRNT8 WITI6 WTMJ4 WMT2 KCRG9 KMWL7 WTTV4 KFEQ2 WOI5 logged at various times. His log-222.

Bill Draeb,Kewaunee,Wisc.-May25,trops,WDSM6(new);June2,WCSC5 WOAI4; June3,trops,WFBM6 WBNS10;June9,trops,KYW3 WEWS5;June10,WUSN2 WOAI4 KRLD4 KFDX3 KTBS3 KBTX3 WSAV3 KOA4;June11,WKRG5 KPRC2 WEAR3 WOAI4 KENS5(new) KRIS6(new) KCMC6 KFDX3 KGNC4 KOB4(new) KOA4 KTVT4(new) KID3(new);June14, KROD4 CFRN3(new);June17,trops,WOC6;June21,KID3 KGNC4 KROD4;June22,trops, WOC6 WHBF4. Billis' log now at 87 with 8 new this period.

R.M. Bell,Washington,Pa.-June2,trops,WFBM6;June10,Es,WKRG5;June21,Es, KOA4 KFBC5.

Norm Erint,Kenmore,N.Y.-May30,trops,WJIM6;May31,Ms,WMAR2(new);June2, Ms,WMCT5;June3,trops,WJIM6;June4,trops,WBNS10 WTVN6;June10,KFBC5 KTBS3 June15,Ms,WBZ4(new);June16,trops,WJIM6;June20,CBHT3(new);June21,trops, WRGB6 WBNS10 WJIM6. Norm's log now at 112 with 3 new.

King Schdfer,Kenmore,N.Y.-May25,CMJL6;May29,trops,WQED13;Jun2,trops, WTVN6 WBNS10;Es,WLBT3 WREC3 WMCT5 KCMC6 KYTV3 KVOO2 KARD3;June8,trops, WRCV3 WFIL6 WCBS2;June10,WDSU6 KFEQ2 WLBT3 KFBC5 KHPL6 WEAR3 KARD3 WREC3; June11,trops,WFIL6,Es,KFDX3 KTBS3 WREC3 WLBT3;June12,trops,WFMJ21 WKBN27; June13,trops,WRGB6;June16,KMTV3;June18,trops,WCBS2 WCAU10 W[illegible]11 WRCV3 WFIL6;June21,trops,WBRE28 WDAU22;June22,trops,WRC4.

Art Collins,Buffalo,N.Y.-June4,trops,WANE15 WKJG33;June8,trops,WCBS2 WRCV3 WRCA4 WCAU10 WFIL6;June10,Ms,WTTV4;Es,KFBC5 KOTA3 WEAR3 KTBS3 WREC3 KARD3 KYTV3 KGEO5;June11,Es,WLBT3 KGNC4 KEDY4(tentative);June16,trop, WCBS2 WRCV3 WRC4 WRCA4 WFIL6 WCAU10 WTOP9 WOR9 W[illegible]BC7 WPIX11;June21,trops, WBRE28 WDAU22 WQED13;June25,KHAS5 KMTV3(King Schdfer also logged latter 2)

Frank Wheeler,Erie,Pa.-June10,Es,KFBC5(new);June21,Es,KOA4 KTVR2. He reports verie from WNBF12 also,his 80th verie out of 89 received.

NOTE: In the east US,best skip days of month were:June 2,10,11,& 21st. In July,watch these dates:July 7(convention time!),18th,19th.Let's hope!

American Ionospheric Propagation Ass'n July 6,1957
Equipment Tabulation Sheet No.4(continued from June Bulletin)

Edward Rugel,Independence,Kansas-14"-Zenith portable-1957-Channel Master broadband yagis,one 2-6,other chs 7-13-60ft. mast-210 miles-2 VHF.

John Winegard,Burlington,Iowa-21"-RCA Color-1957-Winegard CL4X Color--ceptor-alliance U98 rotor-48' tower.

Carlon Howington,Uniontown,Ohio-17"-Raytheon-1955-Finco B-8-alliance rotor-built in UHF-50' tower-200 miles-7 VHF locals.

Dennis Smith,Wasco,Calif.-21"-Zenith-1953-Ward Trombone(2 bay)-Walsco stacked(2) V'[illegible]for UHF-VHF)-built in UHF-45' mast-220 miles-100 miles-2 VHF locals-[illegible]HF locals.

Ray Escoffi[illegible] Marahan Dr.,New Orleans,La.-21"-Halicrafter-1955-JFD Power Helix-JFD c[illegible]er refector(twin bowties)-alliance T-12 rotor-built in UHF-30' pipe-11[illegible] miles-10 miles-3 VHF-1 UHF locals.

James E. [illegible]hell,Dahlgren,Va.- 21"-Sylvania-1955-Taco 1840B broadband yagi-allianc[illegible]98 rotor-30' mast- 100 miles-11 VHF locals.

George Wel[illegible]r,Kensington,Maryland-14"-RCA-1957-Mallory custombuilt booster(4 t[illegible]s)-Amphenol inline folded dipole-CDR AR22 rotor-20' mast-90 miles-8 [illegible] locals.

Morris Foo[illegible],Middleton,Idaho-17"-Philco-1953-Philco 2 tube booster-stacked con[illegible]al-Leader(Thompson Prod,) rotor-40' mast-144 miles-2 VHF.

John Winegard,Moffat,Ont-Can.-21"-Westinghouse-1955-Winegard L4-(Blad[illegible] -alliance T-10 rotor-55' mast-200 miles-5 VHF locals.

William Grant,Worcester,Mass.-21"-RCA-1955-double conical-built in UHF-45' mast-55 miles(VHF)-75 miles(UHF)-6 VHF-1 UHF locals.

Al Caldwell,Brockton,Mass-21"-Zenith-1954-Masco 2 tube booster-JFD Power Helix-RMS rotor Queen M-55-Motorola UHF converter(2)-40'-mast-110 miles-6 VHF locals.

Denny Cline,Eastport,Maine-21"-Zenith-1955-10 element yagi-built in UHF-50ft. mast-80 miles-3 VHF locals.

Claude Earle Robertson,Independence,La.-21"-Dumont-1954-astatic CT-1 booster-JFD Jet Helix-alliance U98 rotor-50ft. mast-160 miles-3 VHF-2 UHF.

Doris,Johnson,Longview,Wash.-17"-Philco-1954-Trio Zepher Royal-Colinear stacked(UHF)alliance-T-10 rotor- built in UHF-40ft. tower-300 miles-50 miles- 3 VHF locals.

Jim Thornton,Madera,Calif.-12"-Philco-1949-Philco Trombone-Taco 4 bow with screen-alliance 2 tube converter-35ft. mast-33 miles-70 miles(UHF)-1 VHF- 3 UHF locals.

Don Middleton,Sanford,Fla.-17"-Techmaster-1952-Bogen 2 tube booster-Taco 2 bay Trapper-Veedx rotor-40 ft. mast- 2 VHF locals.(also 2 Emerson, one GE and 1 Sylvania TV sets.

Edwin Sherey,Derby,Kansas-21"-RCA-1954-2 bay conical-5 element yagi (chs5-6) 10 element UHF yagi-built in UHF-25' pipe-165 miles-3 VHF locals.

Jack Jacobson,North Powder,Oregon-21"-Spartan-1954-Tenna-top & astatic boosters- two 10 element yagis(chs2 & 7)-110 ft. -125 miles-2 VHF locals.

M.H. Andrews,Cheyenne,Wyoming-21"-Zenith--1955-Winegard Colorceptor-CDR TR-4 rotor-built in UHF- 30 ft. mast-90 miles-6 VHF locals.

Radio & Foto-Jotterson & Sandblom,Sweden-Centrum Noidmende 17"-1954-Winegard Superceptor(2)-Winegard Colorceptor(1)-CDR AR-1 rotor-.

**** END ******** *** END ********

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

Ronald Boyd,Truro,Nova Scotia-Canada--May23,Es,WUNC4 WSAV3(both new) WUSN2;May31,trops,350 miles,WABI5 WCSH6 WGAN13 WTWO2(all new);June1,trops, 430 miles,WBZ4 WNAC7(both new) WTWO2 WCSH6;June5,Es,CJIC2 CFPA2;June9, Es,KSD5(new) WTTV4 KDKA2;June10,Es,WISC3 WKZO3 WBAY2(all new);June11,Es, WUSN2;June16,Es,WJAC6 WLWT5(both new) WUSN2 KDKA2;June17,WLWD2;June18, CBFT2(new);June20,Es,WBBK2 WISC3 WJBK2 WTMJ4(new) WEWS5(new).Log 48,17 new.

Bob Seybold,Dunkirk,N.Y.-June2,Es,KFDX3 WBAP5 KMID2 ;June3,trops,WKZO3, WPAG20 WKBN27 WTVS56;June4,trops,VHF,325 miles;UHF,395 miles,WANE15 WKBN WSBT34 WNDU46;June5,trops,UHF,395 miles;June6,Es,KFDX3 KMID2,trops,WKZO3 WANE15 WEEK43;June7,trops,WWTV13 WOOD8;June8,trops,325 miles;June9,trops, WKZO3 WOOD8;June10,Es,KDIX2 KTWO2 KCKT2 KPRC2 KTVR2 KFEQ2 KTVI2 KLRJ2 KMTV3 KTBS3 KFDX3 WREC3 KLRD3 KOTA3 KDLO3 KDAL3 KOA4 WDAF4 KXJB4 KFBC5 KFYR5 KSTP5 WDAY6 WITI6 KSYD6;June11,trops,WRCV3 WFIL6 WMAR2;June12, WPAG20 WTVS56;June14,trops,WLWD2 WKZO3;June16,trops,WBNS10 WTVS56;June17, trops,WMAR2 WRCV3 WFIL6 WPAG20 WTVS56 WKZO3;June17,WCBS2 WRC4 WRCV3 WFIL6 WLWD2 WKZO3;June20,Es,CBHT3,trops,WKZO3;WOOD8 WGN9 WPAG20 WFMJ21 WKBN27 WAKR49 WTVS56;June21,trops,UHF,500 miles,WTVH19 WEEK43 WFMJ21 WKBN27 WANE WKJG33 WSBT34 WNDU46 WAKR49 WTVS56 WKZO3 WOOD8 WWTV13;June22,trops,WOOD8 WLWD2June23,trops,WBNS10;June24,trops,WCBS2 etc WOOD8,Uhf,395 miles; June25,trops,WRCV3 WFIL6,Es,KMTV3 KHAS5 WDAF4,trops,WTVS56;June26,trops, WBNS10 WTVS56;~~June~~,June27,WFMJ21 WKBN27;June28,trops,WKZO3 WCBS2 WFIL6; Es,KFDX3;June29,Es,KVOO2 KFDX3 KTBS3 WKY4 KNAC5 KCEN6 KOTV6 KGEO5,trops, WLWD2;June30,trops,WBNS10

Bill Eckberg,Walnut,Illinois--May29,trops,KFVS12;June2,Es,KPRC2 KMID2 KRGV5 KBTX3 KENS5 KGBT4;June6,Es,KGBT4 KPRC2 KRGV5 KMID2;June9,Es,CBHT3; June10,Es,KBOI2 WESH2 WFTV5 CKCK2 KPRC2 KOOK2 KOTA3 CBFT2 KID3 KTVR2 KTVK3(new);June11,Es,KPRC2 WOAI4 KMID2 KFDX3 KCKT2 KOA4(latter 2 new); June13,Es,KMID2 WBRZ2 WAIQ2 KUTV2;June14,Es,KGBT4 KRGV5 KPRC2 KMID2; June15,trops,KFEQ2 WIBW13 WDAF4 KMBC9 KOLN10;June16,Es,WESH2;June17,trops, KFVS12,Es,KREX5;June18,trops,308 miles;June9,trops,WTCN11;June20,Es,KID3 WUSN2 CHCT2 KUTV2;June21,Es,KLEW3 KFBB5 KTVT4(all new) KOOK2 KID3 KTVR2 KSL5 KUTV2;June23,trops,KFVS12. Log now at 133 with 12 new this period.

James Howarth,Worcester,Mass.--May30,trops,WRCV3 WFIL6(new);May31,trops, WOR9 WCAU10(both new) WABI5 WRCV3 WTWO2 CBHT31June1,trops,240 miles; June2,Es,KSD5 WREC3;June4,WABI5;June9,Es,WISC3 WITI6(both new);June10, trops,WRCV3;June11,Es,WREC3 KYTV3;June13,trops,CBFT2(new),also on 17th; June20,Es,KVOO2 WREC3;June22,trops,WABC7 WATV13(both new) WFIL6 etc; June24,Es,KYTV3 KMTV3;June25,trops,CHLT7(new),Es,WAVE3 WREC3.Log 63,9 new.

Ghislain Girard,Arvida,Quebec--June2,Es,WRGP3,Ms,WMAR2 WTAR3 WLBT3(new) June5,Ms,WTAR3 WBTV3 KARD3(new);June6,Ms,WBBM2 WJBK2(new);June7,Ms,WBBM2 WJBK2;June9,Es,WAGA5 WCYB5(both new) WBTV3 WRGP3,Ms,WMAR2;June11,Ms,WTAR June12,WTAR3(all remainder Ms);June13,WMAR2 WBBM2;June15,WBTV3 WBBM2 WAVE3 WCIA3 WMAR2 WEWS5(new);June16,WMAR2;June19,WTAR3 WBBM2;June20,WMaR2; June22,WKZO3(new);June23,KDAL3(new) WAVE3;June27,WMAR2.Log at 46,8 new.

Ed Bourgeois,Norco,La.--May23,Es,CMBF3 CMBF4both new),WESH2(new);May25, CMBF3 CMBF4 CMQ6;May30,WJBK2 KYW3 WWJ4 WTMJ4;June1,XEW2 XEZ3(new) XHTV4 XHGC5;June2,WCCO4 KSTP5 KHAS5(new) KOTA3(new);June3,WJBK2 WWJ4 KOA4 KROD4 June9,trops,WBRG6 WCBI4 WTWV9(latter 2 new),Es,WMT2 KFEQ2 KDIX2(new) KDAL3 KDLO3;June10,WMAR2 WCBS2 WJBK2 WMT2 KDIX2 CMQ2 KGLO3 KMTV3 KDLO3 WCCO4 KTIV4 WHBF4 WTTV4 WRCA4 CMBF4 KXJB4 KFYR5 CBFT2(new) KFBC5 WBAY2 KSTP5 XEW2 XEZ3 XHTV4 KMID2 WBEN4 WSYR3 KDAL3 WGR2 WABD5 WTTG5;June11, trops,450 miles,KTBC7 WMCT5 etc;Es,WJBK2 KDAL3 WHBF4 WMT2 WLWD2(new) WLWC4 WBBM KDLO3 KMTV WCCO4 KXJB4 KGLO3 KFYR5(also KTTS10 new at 500 miles) June13,WGR2 WLWD2 WJBK2 WWJ4;June14,Es,KARD3(new) WGR2 KDAL WCCO4 WMAR2 KCKT2 CMAB2 CMBF3 &4 CMQ2 KFYR5;June16,WFMY2 WTAR3 WBEN4 WSVA3(new); June18,WJBK2 WBEN4;June20,WSVA3 WTAR3 WRC4 WABD5,trops,WCTV6;June21,KDLO3 WBAY2 KXJB4 KFYR5. Log now at 202 with 18 new. A dandy report Ed!

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

Carleton Lord,Corning,New York--May22,E skip,one of the best openings he has ever seen;he identified 21 stations via Es,13 of them new for him. Skip in till 0200 on the 23rd from Florida,Alabama,Louisiana,Mississippi, Arkansas,Texas,Oklahoma,Missouri & Tennessee. Nice going!

Albert Kopec,Himrod,N.Y.--June2,Es,WLBT3 KARK4 KVOO2;June10,Es,KCMO6 KCKT2 KARK4 KVOO2 WBRZ2 WMT2 WAIQ2 .Log now at 63 with 1 new.

Frank Wheeler,Erie,Pa.--June29,Es,KVOO2 WKY4. Also lots of Northern Lights(aurora reception),no IDs of course,chs2-6 on June30th.

David Janowiak,Milwaukee,Wisc.--June1,trops,WHO13(new),Missouri,Iowa; June2,Es,WFMY2 KPRC2 KTBS3 KENS5(new) WBAP5(new) KMID2;June3,Es,KOOK2 (new);June7,Es,Kard3(new);June9,KFDX3;June10,Es,Texas,KPRC2 KMID2 KFDX3 etc,also KOTA3 KOTI2 KFBC5 KFBB5(all new) KTVR2 KOOK2 KUTV2;June11,Es, Texas,KRIS6 KSYD6 KRGV5 KLRJ2 KSL5 KTWO2 CKCK2(all new);June13,Es,Texas & KTVR2 CFRN3(new);June15,trops,Michigan,Ohio,WLWD2 WLWC4 WLWT5 KWK4(all new);June16,Es,WTWO2 WABI5(both new);June18,Es,Texas & WBRZ2;June19,Es, Texas & WKY4;June20,trops,WTVW7(new);Es,WUSN2 KID3(new) KBCI2(new) KOOK2; June21,Es,KFBC5 KOOK2 KFBB5 KTVR2 KREX5 KUTV2 KSL5 & these new:KTVT4 KOA KGEO5 KCSJ5,also Texas chs.2,3 & 5.;June27-28,Es,KMID2 KPRC2;June30,Es, KBTX3(new) WBRZ2 KTBS3 WLBT3 WBAP5 KMID2 KPRC2. Log now at 132,with 32 new.

Don Middleton,Sanford,Fla.--June3,Es,WBAY2 WCBS2;June5,WLWD2;June6, KARD3;June10,WMT2 KGLO3 KTVO3 KTIV4 KFEQ2 KCKT2 KARD3 KSTP5 WFRV5 WBBM2; June11,KVOO2 KARD3 WMT2 KCKT2 KGLO3 WCBS2;June13,KYTV3 KTVI2 KNAC5 KARD3 WDAF4 KMTV3;June16,WISC3 KYW3 WMT2 XHTV4;June18,trops,WSOC9;Es,KEDY4 KFDX3 KPRC2 KRLD4 TGBCL3 WISC3;June19,KFDX3 KRLD4 WCBS2 WBAY2 KTVO3; June20,WGR2 WCBS2 WCAX3(KPRC2 KENS5 ...these on June28,..WOAI4 KYW3 WKZO3 WBAY2 KGLO3;June29,KFEQ2 KPRC2 KVOO2 WTWO2 KDAL3 WBAY2,also unided ch2 Garden City, ?? . Log now at 153 with 3 new plus Garden City.

Clarence Rareshide,New Orleans,La.-- May28,trops,370 miles,KATV7(new) KSLA12 etc;May21,Es,XEQ9(new);June1,Ms,WJBK2;June2,Es,WGR2 KMID2 WCCO4 WBAY2 and these new:WAVE3 KVOA4 KSTP5 KOTA3 KHAS5 KDAL3;trops,WSB2(new); June3,Es,KYW3 WNEM5(both new) WWJ4 WGR2 CMKU2 KOA4 KROD4;June6,Es,KFEQ2 (new) WBAY2 KCROD4 KTVR2 XEZ3 WGR2;June7,Ms,WGR2;June8,KOB4 CMKU2 XEW2; June9,trops,WBRC6(new) WCBI4(new),other 500 mile trops,WOAI4 etc;Es,KDLO3 KDIX2(both new)KFEQ2 KDAL3;Ms,WJBK2;June10,Es,WTTV4 WKZO3 KTIV4 WLWC4 WLWT5 CBWT4 WSYR3(all new)(also WHBF4 KGLO3 new) WCBS2 KDLO3 KSTP5 WMT2 WJBK2 KDIX2 KFYR5 KXJB4 KYW3 WBAY2 WCCO4 CMKU2 CMBF3:4 XEW2 XEZ3 XHTV4 WRC4 WTTG5 WRGA4 WABD5 WLWD2 KMID2 WBEN4 WGR2;June11,Es,KDLO3 KGLO3 WMT2 WHBF4 CBFT2 WGR2;trops,480 miles,KFJZ11 KRLD4 etc;June12,trops,WREC3(new); June13,Es,KWK4 WTMJ4(all new) WWJ4 WMT2 KGLO3 WGR2;June14,Es,KCKT2 KARD3 (both new) WCCO4 KSTP5 CMAB2 CMKU2;trops,WESH2(new);June16,WSVA3 WTAR3 (both new) WMT2 WBEN4 WGR2 WSYR3 KDKA2 WFMY2;trops,KDTX3(new) KTBS3; June17,CMKU2 CMBF4;June18,WJBK2 CJIC2(new) WBAY2;June19,Ms,WBBM2;June21, CBFT2 CBWT4 WGR2 WRC4 KDIX2 WBAY2 KXJB4 KFYR5;June23,Ms,CJIC2;June27,Es, CMKu2;trops,KRGV5(new) KSIX10 KGBT4;June28,KCSJ5(new) WGR2 KOA4 CMBF4 CMKU2 WBEN4;June29,trops,KWTX10 KOSA7(790 miles)(new);Es,KDAL3 WBAY2; June30,trops,780 miles,KDUB13 KCBD11 KTXL8(all new).Log 144, 42 new.

****Equipment Report---Alan Livingston,Tulsa,Okla.-24",Magnovox,1957-Clear Beam Skysweep antenna(yagi type)-alliance T-12 rotor-built in UHF-24ft(mast),250 miles,3 VHF locals.

That's all the reports received here as of July 3.Late reports next month. Thanks for all the very fine reports,some really quite large!

Larry Vehorn,Speedway,Ind.--reports-June10,Es,CBFT2 KOTA3 KID3(all new) KTVR2 KOOK2. His log now at 113.

Paul Swartz,Gibsonburg,Ohio--reports,June9,Es, to northeast for the Maritime Provinces(1 new call);June10,Es,biggest opening ever for Paul, 5 new calls from northwest;June11,some E skip logged.

[illegible],Ft. Wayne,Ind.--June1,UHF trops,WHIZ18(new);also during Don Roller-early June:Es,KPRC2 KMID2 WOAI4;trops,CFPL10 WWTV13 WTRF7 WMBV11 WSTV9 WOC6 & tenatives CHCH11 WSAZ3 WBEN4 KDKA2 WHBF4.

Nor... Column By Doris Johnson, Longview, Wn.

Hi! Skip sure has been good to us here in the West this past month; of course much better to those in the mid-west.

Eddie Albright of Medford, Ore.: May 29, KROD-4, unided ch. 2. May 30 KVIP-7 (trops-175 miles) June 1 KVIP-7, June 4, KVIP-7, June 6, unid. ch. 3 (T.P.) June 20, KCKT-2, WDAF-4 (new) KTVI-2 (new) KTVR-2, KOTA-3 KOOK-2, June 21, KXJB-4 (new) KTVK-3, KNXT-2. Three new for this time so log now reads 54.

Edward Rugel of Independence, Kansas: June 2, WRCA-4, WBZ-4, June 3rd, WOW-6, KMTV-3, KTVK-3, KTVO-3, June 5, KOLN-12, KMTV-3, WOW-6, KTVO-3, June 10, WGR-2, CKVR-3, CJIC-2, KID-3, June 11, KMTV-3, WBAP-5 KREX-5, KOA-4, KTVT-4, KDAL-3, WCCO-4, KSTP-5, June 15, WBBM-2, WJBK-2 June 16, WBBM-2, WJBK-2, WOW-6, June 17, KARK-4/ 150 stations. Thanks for the report, keep them coming.

Joe Huber of Shakopee, Minn., ;May 21, WSB-2, WUSN-2, KDIX-2, KDKA-2, WMAR-2, May 22, KPRC-2, WAIQ-2, WGBH-2. June 11, KPRC-2.

Dennis Smith, of Wasco, California: May 15, KDLO-3, KARD-3, May 18 KFBC-5 (new) KTVI-4, KCKT-2, KARD-3. KMID-2, May 25, KVOO-2, KFDX-3, WKY-4, May 28, WDAF-4, May 30, KMID-2, WOAI-2, KEDY-4, KRLD-4, KFDX-3 KGEO-5, KARD-3, KCKT-2, KVOO-2, WKY-4. June 2, KCRA-3, KBET-10 (trops) June 3, WOAI-4, KENS-5, June 9, KFDX-3, June 10, KMID-2, June 11, CKCK-2, KGNC-2, KOOK-2, WDAF-4, KFYR-5, CHCT-2, June 12, WOAI-4, June 13, KCKT-2, CKCK-2, June 17, KCKT-2, KARD-3, KGEO-5, June 21, CKCK-2. Total stations logged 76 with one new for this period.

Bedford Brown Jr. of Hot Springs, Arkansas: June 2, WBZ-4, WGBH-2 CBOT-4, CBFT-2, CBMT-6, WBEN-4, WGR-2, WHAM-5, WJBK-2, WMT-2, KFBC-5, KTVR-2, KOOK-2, KDIX-2, (new) KID-3, KOTA-3. June 3, WMAR-2, WCBS-2 KDKA-2, KLRJ-2, CMAB-2, June 4, WTWO-2, WGBH-2, June 6, WGR-2, KDKA-2 WBAY-2, CJIC-2, WUSN-2, WBTV-3, WFMY-2, WJBK-2, WESH-2, KLRJ-2. June 7 WMAR-2, CMA-2, June 10. CMA-2, XEW-2, WBBM-2, WGR-2, WBAY-2, CFPA-2, CBFT-2, WTWO-2, WUSN-2, WCSC-5, WSB-2, WSAV-3, WFMY-2, WDAY-6, KFYR-5 KXJB-4, KDIX-2, KOTA-3, KDLO-3, KDAL-3, CJIC-2, XHTV-4, XHGC-5, CMQ-6, CMUR-4, CMHQ-5, WTHS-2, WRAL-5, WTVJ-4, WMFD-6, WBTV3, WSVA-3, WTAR-3 WTVR-6, WMAR-2, KDKA-2, CBFT-2, KFBC-5, KTVR-2, KOOK-2, CKCK-2, KDIX-2 KMID-2, KOA-4. June 11, WLW-2, WMAR-2. KSL-5, KTVT-4, WBAY-2, WRC-4, WRCA-4, WBZ-4, WCBS-2, KXJB-4, KFYR-5, WDAY-6, WJBK-2, CKCK-2, KDAL-3 CJIC-2, CFPA-2, WCCO-4, KDLO-3. June 12, XEW-2, WBAY-2, WMAR-2 ,WJBK-2 June 13, CKCK-2, KDIX-2, KXJB-4, CBWT-4, KDAL-3, CFPA-2, WBAR-2, KOOK-2. June 17, CKCK-2, KOOK-2, KDIX-2, KTVR-2. June 18, CMA-2, CMUR-4, CMH-3, CMHQ-5, CMQ-6, CMKU-2, WKAQ-2, CJIC-2, WJBK-2, WTUN-6, WRCV-3 WFIL-6, WMAR-2, KDKA-2, WGR-2, WUSN-2, WFMR-2, KOOK-2, KDIX-2, CKCK-2. June 19, CMA-2, June 20, CBFT-2, XEW-2, June 21, CFPA-2, WOMJ-6, CBOT-4, WGR-2, WJBK-2, CJIC-2, KOOK-2, KTVR-2, CKCK-2, KOA-4, KOTA-3, KID-3, KXJB-4, KFYR-5, KDIX-2, KTWO-2, CBWT-4, KFBC-5, KOAL-3, KXLF-6, WCBS-2. June 22, KFBB-5, Kook-2--Summarizing June DX- 171 skip logging in 16 days, average of over 10loggings per day, with June 10 of 78 logged(including locals, trops and skips.).

Jerry Don Burch of Hot Sprange, Arkansas: May 24, CMAB-2, CMKU-2, CMHQ-5, CMQ-6, XEW-2, XHGC-5, XHTV-4, May 25, CMKU-2, May 26, KRLD-4 WFAA-8-trops, CMAB-2, May 29, CMAB-2, WAIQ-2-trops-new, ~~XXXXX~~ May 30, WGR-2, KYW-3, WLWD-2, KDKA-2, WJBK-2, June 1 XEW-2, June 2, WBRZ-2, WLBT-3-trops-, WBZ-4, CBFT-2, WGR-2, WGBH-2, WHAM-5, tent., WMT-2, WJBK-2, KDIX-2, KTVR-2, KFBC-5, June 3, WMAR-2, WBAY-2, KLRJ-2, CMKU-2 WBRZ-2, June 6, WBRZ-2-trops-, WBAY-2, WFMY-2, WUSN-2, ch.2, euban, KDKA-2, WJBK-2, June 7, CMAB-2, June 8, WTAR-3, June 9, CBFT-2, KRLD-4 WJTV-12-trops, June 10, KLTV-7, WFAA-8, KRLD-4-trops-, CBFT-2, WUSN-2, WBAY-2, WTWO-2, CMAB-2, WSB-2, WCSC-5, WBBM-2, KFYR-5, KDIX-2, KDLO-3 KDAL-3, WDAY-6-new- CFPA-2, CJIC-2, WTVR-6, WBTV-3, WTAR-3, WRAL-5, WFMY-2, WMFD-6, XEW-2, CMQ-6, June 10, CMHQ-5, CMAB-2, CBFT-2, WUSN-2 WJAC-6, WGR-2, CKCK-2, KOOK-2, KFBC-5, KTVR-2, KGEO-5, KWTV-9, KPRC-2

Another month is past, but there is very little news from the AIPA members for this column.

Clarence Rareshide of New Orleans, La., reports that he "as well as the other 2 DX'ers (t)here have been receiving Cuban programs from CMBF on channels 3 and 4." Now CMBF is listed only as channel 7, Habana. The question is, where are these relays located? So far I haven't had time to write to CMBF (I moved during this last month and I'm just getting settled. My mailing address is still the same.) but I will soon. In the meantime, if anyone has any other information on these stations, please send it along.

Frank Hill of Gallipolis, Ohio, sent a verie that he received from CMAB-2 in Habana, Cuba. This is the key station of the Tele-Mundo, S.A. network. Other stations of this net are: Santiago de Cuba-7, Santa Clara-8, Camaguey-9, Manzanzas-11, Jatibonico-12, and Victoria de las Tunas-13. The also display a CBS eye on their stationery. Frank also tells that the CMQ-6 calls itself "Tella Villa" like CMAB-2 calls itself "Tele Mundo." He notes CMAB-2, CMUR-4, CMHQ-5 and CMQ-6 on the air with programs and test patterns as early as 0730 EST.

Morris Foote of Middleton, Idaho, reports XETV-6 on May 22 at 1450 to 1500 EST. Then on June 17 at 2200 to 2220 EST and again on June 20 at 2330 EST, he saw an unided on channel 5 with Spanish sound. At the same time he saw KROD-4 in El Paso, Texas. No doubt the channel 5 station w as XEJ-TV in Juarez, Mexico, which is just across the border from El Paso. I have no address for them, but I do have one for XETV-6, which is now ABC. Mail to: XETV, 4229 Park Blvd., San Diego 3, Calif. XEJ-TV no doubt has an El Paso address, and letters for veries could be written in English, I'm sure.

Stanley J. Ponc of Utica, N.Y., is getting set for Europe TV-DX. He has been corresponding with me on details of how to use his 24" Setchell-Carlson for this purpose. He already has a "police alarm" radio that tunes 30 to 50 Mc, and a S-106 Hallicrafters 6 meter receiver. He has logged both the BBC and France TV sound with the police alarm radio.

In my last column I spoke of using the radio paging stations (35.58 and 43.58 Mc) as indications of general band conditions. I have been monitoring these frequencies at work when time permits, and have found DX there almost every time there w as TV-DX. KUA 217 in Honolulu, Hawaii, is still coming in at times. On the basis that the F_2 DX follows a 28-day cycle, and my log of KUA 217, (35.58 Mc) I'm going to make a prediction. The F_2 should peak around July 6-9, the 17th, and 21-24. These peaks will probably not reach the TV channels, oroven 6 meters, but I would appreciate reports from anyone who can tune 30 to 50 Mc, as to any DX over 1500 miles, IDX or not.

Speaking of receivers to tune this range, there are four different models available from Allied Radio. The "police alarm" sells for $50, and has a 10uV sensativity. Others sell for as much as $150, but the best buy would seem to be the Hallicrafters S-94 with 1.5uV sensativity for $60. They are all FM receivers, but AM would no doubt be understandable, or they could be converted to AM. Kuhn Electronics of 20 Glenwood Ave. in Cincinnati, Ohio, makes tuners for this range. They are intended to be added onto a car or home radio (not AC-DC ones). They have neither power supply nor audio amplifiers built in. The two best models are the 306-A, a two tube unit, which sells for $22.50, and the 306D1, a four tube unit, which sells for $34.50. They tune only 10Mc, therfore, the 40 to 50 Mc range would cover the most foriegn TV sounds. I am trying to find out if any of their tuners could be used with a TV set. If so, I will purchase one and publish details of how to use it with a TV set.

Of possible interest, is the fact that all observed TV-DX by E_s at this locationfalls right into the F_2 pattern, usually peaking just before or just after the F_2 peaks. On this basis, I will suggest that you watch your TV for E_s DX as follows: July 8-12, 15-17, and 21-24, August 3-8 and 11-14. E_s is apt to drop rapidly after that, but F_2 should start picking up.

That's it for this month. Thanks go to Clarence, Frank, Morris and Stanley for sending in IDX material. I would like to hear from all AIPA members as to what they'd like to see in this column, and PLEASE send in all IDX reports.

—Gordon E. Simkin (W6KUH)

Jerry Don Burch, Continued:
KGUL-11, KOTV-6, KWTX-10, June 11, KTRK-13, KWTX-10, KWTV-9, WBAP-5 WFAA-8, KRLD-4, KPRC-2, WDSU-6, WBRZ-2, KTBC-7, KLTV-7, KRBC-9, K KCEN-6, KSYD-6, KFDX-3, all trops. WMAR-2, WRC-4, WRCA-4, WFIL-6, WRCV-3, WCBS-2, KDKA-2, WGR-2. WJBK-2, WLWD-2, CBFT-2, KFYR-5, KDLO-3 WDAY-6, WBAY-2. -Trops--KENS-5,-- CKCK-2, KTVR-2, WTWV-9 trops, new. WJTV-12, WLBT-3. WBAP-5, WFAA-8, KRLD-4, KWTV-9, KWTX-10, WDXI-7, KTBC-7, KLTV-7, WOAI-4, KENS-5, WKY-4, KFJZ, June 12, WKY-4, KPRC-2, WBRZ-2, WJTV-12, KLTV-7 all trops. KKKX KLTV-7, XEW-2, June 13,CBFT-2 WUSN-2. WTHS-2. WESH-2. WEAR-3, WEAR-3, WSAV-3, WAIQ-2, WFMY-2, WMAR-2, KDKA-2, WCBS-2. KOOK-2, June 14, KRLD-4, WFAA-8, KSD-5, KLTV-7, KTBC-7, KTTS-10, KYTV-3, KMID-2, KRBC-9, KPRC-2, KKEN-6, all trops. CMAB-2, CMKU-2, CMQ-6, CMH-3, CMHQ-5, XEW-2, June 16, WBRZ-2, WUSN-2 CJIC-2, WTAR-3, KLTV-7, KRLD-4, WFAA-8, WBRZ-2, CMAB-2, KUTV-2, KOOK-2, KDIX-2-last 8 were on June 17. June 18, KLTV-7, KRLD-4, WFAA-8, WBRZ-2, all trops. CMAB-2, KDKA-2, WMAR-2, WKAQ-2, WJAC-6, WJBK-2, KK WFIL-6, WRCV-3. June 19, WLAC-5, WFAA-8, KRLD-4, KLTV-7, WBRZ-2 all trops, June 20, CBFT-2. Summary: June 10 60 stations seen, June 11, 56 stations seen. & 7 new this month, total logged--169.

Ed Hepp of Portland, Oregon: May 25, KOA-4, KFEQ-2, KVOO-2, KMTV-3 KCKT-2, KFBC-5, KTIV-4, KDLO-3, KDIX-2, May 26, CKCK-2, May 29, KTVK-3, KGBT-4, June 1, KPIC-4, CBUT-2, KOMO-4, KING-5, KTNT-11, all trops June 4, KTVR-2, KDLO-3, KGNC-4, June 8, Unids ch. 2 & 3. June 9,KLRJ-2, KTVK-3, Hune 10, KCKT-2, June 11, KMID-2, KOB-4, KARD-3, KCKT-2, KTVR-2, KRCA-4, KREX-5, W???-4, WDAF-4, new, KFEQ-2, KMTV-3, KHAS-5, KCSJ-5, KOA-4, KSL-5, new, WKY-4, new, CKCK-2, KTVK-3, KFDX-3, KNXT-2 KEY-3, KROD-4, June 13, KMID-2, KVOA-4, KTVK-3, KDLO-3, KFEQ-2, KHAS-5 KOTA-3, KCKT-2, KARD-3, WKY-4, KFBC-5, KTBS-3,new, KGEO-5,new, KCSJ-8 KTVR-2, KGNC-4, KOA-4, KREX-5, KUTV-2, KOB-4, possible ch. xxxxx Misouri and many xxxxx unident. June 14, KTVR-2, June 20, CKCK-2, CFRN 3, CHCT-2,new, KOTA-3, KTVR-2, KOA-4, KREX-5, June 21, KFEQ-2, KMTV-3 WCCO-4, KDIX-2, KTVR-2, CBWT-4, KXJB-4, CKCK-2, June 22, KUTV-2,KOOK 2, CKCK-2, KLRJ-2. 61 logged to date- 8 new-possible WUSN-2 -5/21

My log reads as follows: WUSN-2 possible-new, May 22, WCCO-4-new, and CMAB-2-new, not XEW-2 as prev. thought. KENS-5,new. May 26,KCKT-2 May 29, KTVK-3, KGBT-4-new, CBUT-2 strong trops. KENI-2 or KFAR-2 new. May 30th, CBUT-2 trops, May 31, CBUT-2, KREM-2,KPIC-4, KVAL-13 trops. June 1, CBUT-2 trops. June 2, KLRJ-2, CKCK-2, June 3, KNXT-2 KCKT-2, June 4, CBUT-2. KVOS-12 trops,, June 5, KNXT-2, CKCK-2, June 6, KNXT-2, KRCA-4, KTVK-3, CKCK-2, June 9, KLRJ-2, KTVK-3. June 10, KCKT-2, CKCK-2, KTVR-2, and unid. IHTP East at 0150 EST. on ch. 2. June 11, IHTP-ch.2, CKCK-2, KCKT-2, KARD-3, KOB-4,new, KTVR-2, KREX-5 new, KXXX-KCSJ-5,new, KHAS-5-new- KOA-4, KSL-5, CKCK-2, KNXT-2,KEYT-3 KRCA-4. June 12, KCKT-2, June 13, KMID-2, KTVK-3, KVOA-4, KHAS-5, KTVR-2, KOTA-3, KDLO-3, KCKT-2, KARD-3, WKY-4(new and tent.)KFBC-5 KCSJ-5, KGNC-4, KREX-5, KUTV-2, KOB-4. June 14, KTVR-2, KTWO-2. June 19. KREM-2 trops. KKKKT KCKT-2. June 20, KTWO-2, KTVK-3, CKCK-2,KCKT-2, CHCT-2, CFRN-3, KGNC-4, KTVR-2, KMTV-3, KTIV-4, KOTA-3, KCSJ-5, KREX-5, KGLO-3(new) KDIX-2, KOOK-2, June 21, KMTV-3, KDIX-2, KTVR-2 CFRN-3, KXJB-4. My log reads 69, with 12 new this time;

Ray O'Bear of Zillah, Wash.,: May 28, KCKT-2, May 29, KTVK-3, June 1, KROD-4, June 2, KFEQ-2, June 9, KMID-2, KNXT-2, KRCA-4, June 10, KFDX-3, June 11, KVOO-2, KFBC-5, KHPL-6, KHAS-5, KTVR-2, KCSJ-5, KOTV 6, KFDX-3, KWFT-6, KCKT-2, KNXT-2, KGNC-4, June 13, KMTV-3, KARD-3, KFEQ-2, KGNC-4, June 14, KROD-4, June 20, KMTV-3, KHAS-5, KTIV-4, KUTV-2, June 21, KMTV-3, KTIV-4, CBWT-4, KSJB-4, KCMO-5, WCW-6. Ray logged 2 new ones, KHPL-6 and KCSJ-5, bringing his log up to 60.

Ken Neal of Hamlin, Texas: May 12, KUTV-2, May 15, WESH-2, May 16, XEW-2, WJBK-2, May 20, WESH-2, May 22, WJBK-2, WFMY-2, May 25, KNAC-5 KTEN-10. WMBR-4, XEW-2, KTVX-8, WJBK-2, KCRA-3, WFMY-2, KSL-5, KBOI-2 KSWS-8. WESH-2. XEW-2. WJBK-2 all in May. June 2, WGR-2. WBEN-4.

by Doris Johnson-Longview, Wash.

Ken Neal, Continued:
WLWT-5, WISC-3, KDAL-3, KDKA-2, WBAY-2, June 3, WBAY-2, CFPA-2, KDAL-3 KUTV-2, KID-3, WMT-2, June 6, WAIQ-2, June 9, WMAR-2, June 10, KXLF-4, WUSN-2, KOOK-2, KBOI-2, KYW-3, WLWD-2, June 11, KBTX-3, KTHV-11, WUSN-2, KARK-4, June 12, KNXT-2, June 10, KGW-8, June 13, KNXT-2, WBAY-2 KBOI-2, KID-3, WMBR-4, WUSN-2, WCSC-5, WSAV-3, WJBK-6, WMFD-6, WFMY-2, WUNC-4, CKCK-2, KUTV-2, June 14, WJBK-2. Ken lists 8 new this period KNAC-5, WLWT-8, WISC-3, KXLF-4, KBTX-3, KTHV-11, KARK-4, KGW-8-all new Adding to his report--June XXXXXXXXXX 14, WPTV-5, WDBO-6,new, WAIQ-2 WBBL-4, June 16, WBAY-2, June 19, KNAC-5, WBAY-2, June 20, KOOK-2, CKCK-2, June 21, CKCK-2. 144 logged to date.

Edwin Shorey of Derby, Kansas: May 23, KPRC-2, KNAC-5, May 30,WUSN-2, WFBC-4, KDRJ-2, KNXT-2, June 2, WMAR-2, WRCV-3, WRCA-4, WABD-5, WCGB-5, WUSN-2, WCSC-5, WFBC-4, KYTV-3, June 6, WMAR-2, WFIL-6, WRC-4, WAIG-2, WOAY-4, June 9, WFAA-8, KTTS-10, June 10, WGR-2, WJBK-2, WUSN-2, WSB-2, WFBC-4, XX WMBR-4, WGR-2, WUSN-2, June 11, WFAA-8, KTHV-11 new-trops, WFMY-2, WBTV-3, WPTV-5, WFBC-4, WATE-6 new, WCCO-4-new, June 13, XX WUSN-2, WTVJ-4, WTHS-2, new, WRBL-4, KREM-2-new, June 14, WFBC-4, WFMY-2, June 17, KNXT-2, KRCA-4, KVEC-6, June 18, WCSC-5,WUSN-2, WFBC-5, June 19, WFAA-8-trops, WBAP-5-trops. June 20, KTTS-10, KOLN 10 trops, KLRJ-2. June 21, KOLn-10, WOW-6, WJBK-2, WBEN-4, WNEM-5, CBLT-6, new, CFPA-2, new, WGR-2, June 22, KYTV-3. Log reads 163 with 7 new for this period.

Morris Foote of Middleton, Idaho: XXXX April 29, KMID-2, KVOO-2, May 1, KGNC-4, May 2, KVOO-2, WKY-4, May 4, KMID-2, May 5, KTVK-3, May 8, KMID-2, KFDX-3, KRLD-4, WKY-4, KVOO-2, May 9, KID-3, May 13, KID-3, May 15, KOB-4, KROD-4, May 17, KVOO-2, KGNC-4, KFDX-3, KCKT-2 WKY-4, KYTV-3, KCMO-5, WDAF-4, KARD-3, KBST-4, May 18, WMT-2, KGLO-3, KWK-4, KCMO-5, WDAF-4, May 19, KFEQ-2, KGNC-4, May 21, KNXT-2, WDAF-4 KCMO-5, KWK-4, May 22, KFDX-3, KRLD-4, KRGV-5, KBST-4, WOAI-4, KMID-2 KRCA-4, XETV-6, KTLA-5, May 28, WOAI-4. No report this time?????

Jim Dillon of Regina, Canada: May 18, KVOO-2, KARD-3, KFDX-3, unided CBS- ch. 2. June 10, WREC-3, WLWT-5, June 11, WTTV-4, KTVO-3, KRCA-4, June 14, WKZO-3, WCIA-3, KBTX-3, WMT-2, WTTV-4, WKY-4, KRLD-4, KDAL-3, WBAY-2, CJIC-2, June 9, KNAC-5. All new except KVOO-2. Total logged 54, with 16 new lately.

Gorden Simkin of Loma Linda, California: May 29 and 30, unideds on ch. 2,3, and 4. June 11, KFDX-3, unided on ch. 2 and 4, and KLEW-3 June 13, KMTV-3, June 17, KFDX-3, KMTV-3, WOW-6, and unideds on ch. 5 and 4. logged to date 24.

Well, thats all the reports that came in this month. Your editor here sure had a scare on June 13, at about noon PST. We had a storm, and a bolt of lightning hit my antenna, which was up about 35' and snapped all the guy wires in-two, and knocked the mast and antenna down on roof. Lucky for me I had just unpluged the antenna from the TV set just before it hit, or I probably would have had TV parts all over my living room. Best DX to you all, see you next month,

Doris Johnson
146 Maddock Place, Longview, Wash.