

AMERICAN IONOSPHERIC PROPAGATION ASS'N.

ROBERT SEYBOLD* Pres.

KING SCHAFFER- Pub.

ART COLLINS V. Pres.

(TV-DX)

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AIPA Bulletin—Published first week of each month, 12 issues per year.
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Editorial...

September seemed to have a few good DX surprises with E skip hitting in many areas (even western NY) and some real good tropo, UHF & VHF, hitting the dials on occasions, the best yet in some instances! Well, DX will most likely cool off for awhile now as late October-November are generally poor both for tropo and E skip. Let's hope for surprises though and be prepared by all means!

Renewals in lately include: Ronald A. Boyd, Truro, Nova Scotia. A note from King Schaffer states: If any of you new or older members would like to receive a special AIPA DX report form each month with your bulletin, just drop me your name on a post card. This will make your reporting to the DX editors more official, and save you both time and effort. So how about it? They're free! (Write King Schaffer)

Welcome mat goes out to Donald Ruland, 834 8th St., Holly Hill, Florida as a new member. His first reports were dandies, so another fine addition to the AIPA!

Your president is busy in his new home now, and enjoying it very much. Have only recently got set up for TV reception with tower, Winegard Color-ceptor CL4X & 4 bowtie UHF above rotor. However very little chance to DX as yet and of late reception has looked rather poor to me (last 10 days). Am I right?

Another fine article from Tom Hidley this month and here 'tis: The secret of twenty years of selling experience helped me in many ways. First, Of all I gained many friends through honest dealing. The highest regard that money can buy.

YOU! The individual can achieve success with this first Principle. Never knock the other fellow's product. The old saying is, every knock is a boost. It is far better for the customer to settle this question in his own mind. It is not only poor business policy to make claims that are not always correct, but traveling on rocky roads can lead you into legal difficulties. Exaggeration, high pressure tactics is the best way to cripple your sales. Your competitor should pay your commission.

All people operate as individuals, no one always sees eye to eye. We must consider the rights of others, and respect all their righteous endeavors. A space in our bulletin should be used for encouraging others to become members of our AIPA. The product we have to sell is TV DXing, a wonderful hobby, that pays off in self satisfaction. -By: Thomas Hidley.

Deadlines for November bulletin are: Longview, Loma Linda; Oct 25th; Cardington, Ohio, Buffalo (FCC news), Worcester, Oct 27th; Atlanta, Dunkirk (eastern reports), Nov 3rd. Best of luck and 73's to all.

Bob Seybold

We mentioned last month the difference between quality and non-quality antenna installation material, and indeed this has done some good. For this month we will outline some very simple methods of limiting weather effects on our outdoor dx equipment. Of course it must be understood we can't convert old or second rate installations into first rate stuff, but rather improve them to the best of our ability and budget.

At least once a year a dxer should take down his antenna for a thorough inspection and cleaning. The elements that are broken and bent should be repaired or replaced, as well as rusty bolts, clamps, etc. All insulators that appear cracked, warped or have non-removable incrustated dirt on their surfaces should and must be replaced for best reception. When replacing elements and insulators on some antennas it will be necessary to remove rivets, which can be a tough job for the non-experienced. The thing to do here is to first brace the work piece to prevent damaging shock to the antenna, then with a high speed electric drill remove the overlapping flare at the rivet end. Then with a nail or punch push the dead rivet out. However if the rivet is in solid, and light oil or prying won't bidge it, then burning away the insulator in which the rivet is stuck, is about the only course left. Great care must be taken when heat is applied near any insulated stacking jumper, etc, as damage may result. It is a good idea to create a thermal barrier, that is something to take up the heat. This can be done by either attaching spring clamps or pliers between the work and the to be protected ~~area~~ area, or by keeping the protected area cool with air or water. If the stuck rivet is in metal, the use of your drill, a metal saw, and any number of tools may be necessary to remove it. Just be careful you don't remove more than you bargained for! As for cleaning the antenna (after repairs have been made) a good non-commerical product that can be obtained at nearly every grocery store is by the name of "brillo". This product is of the "soap pad" nature, and all the necessary aluminum cleaning elements are at your command. Before cleaning the antenna however, I suggest (suggest) you go over the pitted areas (if any) with a fine sandpaper. Never sandpaper the entire antenna, only the necessary spots. By not following this rule, you will merely shorten the life of your antenna! The most important area to clean is the matching point when your lead in is attached to the working elements. Make sure that there is a good clean electrical connection free of dirt, etc., and that the terminal colts and washers are clean and tight. After you have completed scrubbing the antenna, wash all excess soap off with a hose and leave the unit to dry. After drying the application of one of those special plastic sprays to the matching terminals would be a good idea. However covering the entire antenna with such a spray is not such a good idea as this will cause some loss. Now for ordinary viewer's antennas such a coating would be fine and add life to the installation, but for a DX installation even a slight loss could ruin your chances of a weak MS or tropo logging! Last, before re-installing your antenna it would be a good idea to give all your bolts (except electrical or sprayed ones) a coating of electric motor oil. This will give some protection against rusting. Another thing to look at is the saddle clamp. If it is rusty, sand it down, and give it a coat of paint. After it is dry, you can give the threads a coat of oil or spray. If you follow through on all of this, you should then receive peak results through the entire life of your antenna. As for antenna life, a new unit should be installed about every three years in normal areas, and every two or less in industrial, chemical, wet or salty areas.

We shall continue on weather proofing next month.

Best Dx & 73's,
King Schafer

AMERICAN IONOSPHERIC PROPAGATION ASS'N.

"FCC NEWS"

OCT. 6, 1958

Compiled by Art Collins

New Grants.

Ch 10 Onondaga, Mich. 316Kw-166.8Kw.
 Ch 12 Pembina, N.D. (By KNOX-TV) has apli for ch 10

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Our local WBUF ch 17 here has gone dark as of 1:00AM EDST on Oct. 1st. (NBC-TV owned. They are trying to sell the over \$2 million plant.)

Applications

Ch 8 Greensboro, N.C. 316Kw-189Kw.
 Ch 9 Savannah, Ga. (ED) 316Kw-158Kw
 Ch 12 Wilmington, Del (Rollins Best Inc) 316 Kw- 158 Kw.
 Ch 12 Aguadilla, P.R. 105Kw-63Kw.
 Ch 13 Norfolk, Va. (WCEC-TV)
 Ch 13 Anchorage, Alaska.

CALLS ASSIGNED AND CHANGES.

Ch 3 WGNI-TV in Wilmington, N.C.
 Ch 4 WMBR-TV Jacksonville, Fla changed to WJXT as of Sept. 14, 1958
 Ch 5 WABD New York City changed to WNEW-TV now. (seen here on G-W)
 Ch 6 KVIE Sacramento, Calif. (ED)
 Ch 8 WMTW Poland, Mo. changed to WMTW-TV.
 Ch 8 KHAD-TV Laredo, Texas changed to KGNS-TV
 Ch 9 KVOG-TV Ogden, Utah.
 Ch 10 KWGB-TV Goodland, Kan. changed to KBLR-TV.
 Ch 12 KVSQ-TV Ardmore, Okla. changed to KXII
 Ch 13 KGJB-TV Minot, N.D. changed to KXMC-TV
 Ch 13 WABT Birmingham, Ala. changed to WAPI-TV (as of now)

MIS'L NEWS.

Ch 2 CFCL-TV2 now on low power (Satelite) of CFCL-TV in Elk City, Ont
 Ch 9 CKBL-TV Matane, Que. now testing....
 Ch 12 WVUE(TV) Wilmington, Del. asked FCC permission to close down-9/13/58.
 Ch 13 WMIX Mt. Vernon, Ill seeking that ch there. (13)
 Ch 5 WGBH-TV Boston, Mass. getting a power boost to 100Kw. Vis.
 Ch 11 WTOL-TV Toledo, Ohio to go on the air mid-Nov. (CBS-TV)
 Ch 13 WQED (ED) Pittsburg, Pa. oked to go up to 203Kw-104Kw. & ant. Change.
 Ch 35 WTRI(TV) Albany, N.Y. will go to ch 13 & WXTV-TV ch 13 in Utica now to go on ch 2
 Ch 7 Buffalo, N.Y. assigned to WKBW-TV (ABC-TV) slated to go on Dec 1st. there is late rumor of them starting before on temp low ant etc...
 Ch 3 Harrisburg, Ill goes ABC-TV on or about Nov 15th. ..WSIL-TV
 Ch 45 WKST-TV New Castle-Youngstown will go to Ch 33 then will be a Youngstown, Ohio Station.
 Ch 6 KUAT(TV) Tucson, Ariz. set for Dec. 1st start. (Is a ED station)
 Ch 12 WJRT(TV) Flint, Mich. due to start proگرامing Oct. (Watch for testing)
 Ch 73 CP station in Youngstown, Ohio to get change to ch 33/ 8.85Kw. The call assigned to them is WXTV(TV).

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Welcome to new member-Carter Bays 185 North Terrace -Culver, Ind. Thanks to Don Roller for Carters entry. Don is now at Iowa State College in Ames, Iowa.

Re-nowals in from H.E. Apley 1385 Girard St. Akron, Ohio

" " " " Walter Spaulding RD#2 Box 168 Gardington, Ohio.

" " " " Richard Bergen 109 Woodlawn- LaGrange, Ky.

(Dick--Got a new Antenna, A ten yr one is all done)

*Ronald Hilding a new Boy in Address now-Room 526 Ballif Hall at University of Utah- Salt Lake City 12, Utah...

*Change address for William Grant A/30. AF11348232. 8th Weather Group. Randolph AFB, Texas.

Lots of luck..... Art.

Thanks to the following members who have sent me much needed information, Donald Ruland, John Cody, Percy Cox, Ferdinand Dombrowski Jr.

Donald report is as follows.

Call	Ch.	City	State	Card no	Signer	Card states	nations	DX	Stat
KPRO	2	Houston	Texas		Card no signor				
WSB	2	Atlanta	Geo.		R.A. Holbrook	Letter			
OBHT	3	Halifax	N.S.		Peter McGilliway	OBO veric card.			
KDLO	3	Garden City	S.D.		No Signer	Card			
WSAV	3	Savannah	Ga.		Harben Daniel	Card			
KARK	4	Little Rock	Ark.		Champ Smith	Card			
WTUJ	4	Miami	Fla.		No Signer	Card			
WRBL	4	Columbus	Ga.		Joe Gamble	Card Picture of WRBL Studio			
WRAL	4	Raleigh	N.C.		Virgil D. Duncan	Letter			
WAGA	5	Atlanta	Ga.		No Signer	Large Card			
KPIX	5	San Francisco	Cal.		W.J. Burgess	Letter			
WCOS	5	Charleston	S.O.		Rudy Hughes	Card			
WPTV	5	Palm Beach	Fla.		Steve Willis	Letter			
OBLT	6	Toronto	Ont.		D.G. Chasc	Pamplote, Card, Letter, OBO Tl			
WJBF	6	Augusta	Ga.		Christina M. Payne	Card			mes.
WEOT	6	Wilmington	N.C.		E.I. Herring Jr.	Letter			
WEOT	6	Thomasville	Ga.		Chas. B. Gilmore	Letter			

Percy Cox has soon Sign on and off hours

Call	Ch.	City & State	Week	Days	Saturday	Sunday	IRP	KW
KIVA	II	Yuma, Ariz.	II00	2300	0830 2430	1030 2340	60	KW.
KEYT	3	Santa Barbara, Cal.	0925	2435	1100 0100	1255 2440	50	
KFBM	8	San Diego, Cal.	0800	2435	0830 2430	0830 2340	316	
KFSD	10	San Diego, Cal.	0800	2435	0900 2400	0830 2400	316	
XETV	6	S.D. & Tijuana Mex.	1030	0100	0900 2430	0900 2420	100	
KORO	10	Bakersfield, Cal.	0700	2445	0830 2440	1200 2410	110	
KBAK	29	Bakersfield, Cal.	0845	2345	0900 2415	1000 2400	316	
KNXT	2	Los Angeles, Cal.	0700	0145	0800 0130	0800 0100	100	
KROA	4	Los Angeles, Cal.	0700	2440	0800 0100	0800 0100	100	
KTLA	5	Los Angeles, Cal.	0830	0100	0830 0300	0800 2440	85	
KABC	7	Los Angeles, Cal.	0900	0130	0900 0100	0845 0100	316	
KHJ	9	Los Angeles, Cal.	1200	0130	0800 0240	0800 2430	150	
KTTV	11	Los Angeles, Cal.	1000	0215	0900 0105	1000 2400	191	
KOOP	13	Los Angeles, Cal.	1500	2330	0830 2330	1100 2315	130	

The above times are Pacific Daylight time.

The following sent in by John Cody.

CJIC	2	QSL card	Ont.	WPTZ	5	Joseph Missick C.E.	N.Y.
WGBH	2	Hartford Gunn C.E.	Mass.	WPTV	5	W.L. Evenden C.E.	Fla.
WMT	2	G. Hixenbaugh C.E.	Iowa	KSTP	5	Elizabeth Bain	Minn.
KVOO	2	John Bushnell C.E.	Okla.	WRFV	5	Harry Hill C.E.	Wis.
WESH	2	Betty Landon Ass. Prog. D.	Fla.	WCC	6	Paul Arvidson C.E.	Iowa
KTVI	2	R. Trompeter C.E.	Mo.	WOW	6	W.J. Kotera Dir. of Eng.	Neb.
WAIQ	2	Al Renfro C.E.	Ala.	WONY	7	Michael Yonkovig C.E.	N.Y.
WJBK	2	Joseph Haigh C.E.	Mich.	WMTW	8	Parker Vincent C.E.	Mo.
WLWD	2	R.B. Wchrmann C.E.	Ohio	CBMT	6	QSL Card	Que.
KTCA	2	H. Bergman A. Gen. Mgr.	Minn.	WABI	5	Leon Nelson Prog. Mgr.	Mo.
WKZO	3	Mary Schippers Eng. Dept.	Mich.	MMVR	9	Charles Hill C.E.	N.H.
WLBT	3	Fred Beard Mgr.	Miss.	WJAR	10	Roger Perry Studio Super.	R.I.
WBTB	3	QSL Card	N.C.	WIIC	11	M. Augenstine Ass. C.E.	Pa.
WCCO	4	John Sherman C.E.	Minn.	WMBF	12	George Durham	N.Y.
KMOX	4	Richard Cranc C.E.	Mo.	WDAU	22	K.R. Cooke C.E.	Pa.
WHBF	4	Robert Sinnett	Ill.				

Many thanks to all of you who has sent in the above information and any new members having sign on & off times send them to me before the 24 th of each month so I can have time to print them up. Well got two weeks vacation starting Oct 27, don't know yet where to go. Can get free transportation anywhere. Have any ideas fellows.

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

**Eastern DX Column

Compiled by: Bob Seybold

Aug 27, WCNV7 WGR2 WKTU13; Aug 28, WGAN13 CKWS11 etc; Aug 29, WGAN13 WCNV7; Sept 2, excellent tropo, 653 miles, these new: WNEF12 WHTN13 WSTV9 CKG013 WIIC11; also WBEN4 CKTM13 etc; Sept 4, WGAN13; 5th, Ms, WMAR2; tropo, WLBZ2; 6th, WLBZ2 WHDH5 WHEN8; 7th, Ms, WBEM2; tropo, WBZ4 WGBH2(new); 8th, Ms, WBEM2 WMT2; 11th, Ms, WMAR2; tropo, WLBZ2 CKTM13; 12th, WKTU13; 13th, Ms, WBAY2; 15th, Ms, WMT2; tropo, WKTU13; 16th, Ms, WBEM2; 21st, Ms, WBEM2; tropo, WHDH5 WHEN8 etc; also tropo on 17th, 19th, 20th, 22nd & 23rd--225 miles. Log now 68 with 7 new.

Michael Evangelista, Hamburg, Pa.--Aug 28, tropo, WNEF12 KDKA2 WDBJ7 WIIC11; Aug 30, tropo, WAVY10(new) WRVA12; Aug 31, tropo, these new: WCYB5 WOOT6 WTVD6; also: WTAR3 WRAL5; Sept 1, new: WFBG10 WJAC6; also: WXEX8; Sept 14, KDKA2 WTAR3; Sept 21, tropo, WTIC3(new) WSAV3 WBEN4 WNHC8 WNEW5 WTAR3; Sept 20, WRVA12 WNEF12. His log now at 76 with 10 new.

Ronald Boyd, Truro, Nova Scotia--July 25, Es, WDSM6 WDMJ6(both new); July 26, KSTP5(new); Aug 1, Es, WEMY2 WSB2 WBTU3 KSTP5 WDSM6 WCCO4(new); Aug 3, tropo WABI5 WMTW8(new); Aug 4, WLBZ2 WABI5; Aug 6, WABI5; Aug 7, Es, WMT2(new); 8th, Es, WSB2; tropo, WLBZ2; Aug 9, Es, WMAR2 WEMY2 WUSN2 WCIA3 WTAR3 WRAL5(new); Aug 13, WAVE3; Aug 16, tropo, WABI5; Aug 29, WOSH6 WGAN13 GJON6(at 520 miles, new) WLBZ2 WABI5; Aug 31, WABI5; Sept 20, WLBZ2 WABI5; new via Ms: WROC5 WRCV3 WTAE4. Log now at 78 with 11 new.

John Cody, Middleton, Conn.--Aug 30, tropo, WTTG5 WTOP9; Es, KVOO2 KNAG5(new) KOTV6; Aug 31, Es, CJIC2 CFGJ2(new) KFEQ2 KCMO5; tropo, 520 miles, new: WITN7 WNCT9 WTVD11 WLVA13; also: WRAL5 WSWA3 WTAR3 WTVR6 WXEX8 etc; Sept 3, WTOP9 WFBG10 WIIC11; new: WTRF7 WSTV9 WQED13; Sept 4, WTOP9; Sept 5, CBFT2 WTTG5; Sept 6, new: CKWS11; also: CKWS11 CBMT6 etc; Sept 7, 9, 14, 15, 16, & 18, tropo, 290 miles, WTOP9 CBMT6 CBFT2 WCNV7 WMAR2 WTTG5 etc. Log now 163 with 11 new.

Ed Prond, Bolton, Illinois--Aug 25, WGEN10; Aug 30, KHQA7 KFVS12; Aug 31, Es, KGNC4 KROD4; Sept 1, Es, KRLD4; Sept 13, KHQA7 KPVS12; Sept 15, WMT2; Sept 23, KYW3 WIIC11. Log now at 104 with 1 new.

Bob Martin, Girard, Pa.--Sept 2, tropo, WBNS10 WHIO7 & new: WHAS11 WLEX18 WKYT27; Sept 3, tropo, WLWT5 WJAC6 WTRF7 WFBG10. Log at 104 with 3 new.

David Janowiak, Milwaukee, Wisc.--Aug 8, Es, new: KVI2 KEYD4 KOB4; also: KTVR2 KMID2 KPRG2 & others; Aug 23, Ms, WSYR3(new); Sept 4, VHF, tropo, 500 miles new: CKGN10 CHCH11 & others; UHF, 450 miles, new: WBUF17 WSEE35 WSIL22 WLBN15 WICS20 WDAN24 WTVH19 WSIL22 WMBD31 WOSU34 WEEQ35; also UHF chs. 16, 18, 22, 27, 28, 33, 39, 59. Log now at 214 with 16 new.

Frank Wheeler, Erie, Pa.--Aug 27, tropo, WXYZ7 CKLW9; Aug 28, WNEM5 WLWD2 WFF WFBG10; Sept 3, WSTV9 WFBG10 WTRF7 WLWC4 & Northern Lights reception; Sept 4, 6, 13, 19, 20, 21, 22, 23, 25, tropo, 272 miles, WNEM5 WXYZ7 CKLW9 WFBG10 WJIM6; Sept 5, WWTU13 WOOD8 WJIM6; Sept 16, WCNV7; 17th, WWTU13 WSPD13; 26th, WSYR3. His log at 106 stations to date.

Richard Nieman, Buffalo, N.Y.--all tropo--Sept 2, new: WILK34 WDCD19 WHP55 WTPA27 WTAP15 WLBRI5; also: WDAU22; WBRE28; Sept 3, new: WCPO9 WKRC12; Sept 14, new: WTTG5; Sept 17, new: WTAE4; also: WANE15; WINR40 WKBN27 WFMJ21; Sept 21, WNEP16; Sept 23, WANE15; new: WPTA21 WKJG33; Aug 30, new: WXEX8; Log at 161, 13 new

King Schafer, Kenmore, N.Y.--Aug 30, Es, WCSO5, KRLD4 WRGP3 WBTU3 WEAR3 WTAR3 WLBT3; Sept 2, tropo, WCHS8 WHTN13 WDAU22 WSYE18 WBRE28 WILK34 WDCD19 WNEP16; new: WTAP15 WTPA27 WLBRI5 WHP55; Sept 13, tropo, WRCV3 WCAU10; Sept 16, WTVS56 WSYE18 WAKR49 WINR40 WFMJ21 WKBN27 WDCD19; new: WTRI35; Sept 22, WGN9. His log now at 243 with 5 new.

Art Collins, Buffalo, N.Y.--Aug 29, tropo, WHTN13 WCYB5 WHIS6; new: WBOY12; Aug 30, tropo, WSLS10 WBOY12 WHIS6 WCYB5 WHTN13 WDBJ7; Es, WBAP5 WCSO5 & others; (Texas, Florida, etc); Sept 2, WILK34 WBRE28 WDAU22 etc; new: WLBRI5 WHP55 WTPA27 WDCD19 WINR40 WNEP16; Sept 14, WNEW5(New York City); new: WSYE18; Sept 16, tropo, WICS20 WANE15 WKJG33 WTVO39 (new); Sept 24, new: WTRI35. Verie in from WJHL11 WLBRI5 WBOY12 WTPA27

Richard Bergen 111, LaGrange, Ky.--July 8, WHTN13; July 9, WTHI10; July 25, WFIE14; July 26, WFIE14; Aug 8, WHTN13; Aug 9, WJIM6(new) WWJ4 WJBK2; Aug 19, WFIE14 WLEX18 WKYT27(new); Aug 20, WFIE14; Aug 26, WFPK15(new). Log at 55, 3 new.

**Eastern DX Column...continued...

Donald Riland, Hooly Hill, Florida---(new member, welcome to AIPA!)---
Aug16, Es, unided ch3; trop, WUSN2 WCSC5; Aug19, Ms, WJBK2; Aug22, Es, WKZO3
WTIC3 KGLO3 WCIA3 KHAS5; trop, 500 miles, WITN7 WNCT9 WTVD11 WBTW8 WIS10
WECT6 WRAL5 WSOC9 ; Aug23, Es, KVOO2 KBTX3 KMID2 ; trop, WBTW8; Aug26, Es,
W OAI4 KENS5; Aug27, Es, tentative WKAQ2 WAPA4; Aug31, Es, WBAY2 WKZO3; trop,
WIS10. Log at 90 with 1 new.

Thomas Hidley, Chicago, Ill.---Sept4, WXIX18 (former ch19); Sept5, WEEQ35
(new); Sept7, new; KTTS10 KRCG13; also: WMT2 WISC3; Sept13, WSBT22 WMBD31 WEEK
WMBV11 WJJV28; Sept17, WLWD2; Sept20, new; WKRC12; also: WTVO39 WJIM6; Sept21,
WNDU16; 22nd, WKOW27; 23rd, KYW3 WTRF7; new: WFBG10 WHAS11; 25th, WJBK2. Log 76.

B. J. Bingham, Festus, Missouri---Aug24, trop, KAKEL0; Aug25, KETV7 WREC3
WKN010; Aug26, WMCT5 WHBQ13 WH013 KRNT8 KMTV3 WOG6 KMBC9 etc; Aug27, trop,
600 miles, WEAU13 WKBT8 WSAU7 (new) WTTW11 KAKEL0 etc; Aug28, WOW6 KFEQ2
KMTV3 KOLN10; Aug30, Es, WROV3 WCBS2; Sept2, WHBQ13 WKN010 WREG3 WDXI7;
Sept9, WGN9; WREX13 WH013 WKEB7; Sept12, 400 miles trop, KOLN10 KCRG9 etc;
15th, Es, WTIC3 WGBH2 WROV3 WBZ4; 23rd, WREX13 WSIX8 KAKEL0 WSTV9 WTRF7
WWTV13 WKZO3 WOOD8 WJIM6 WIIC11 KARK4 WLAO5 KATW7 WNBQ5 WGN9 etc. Log 199.

Ferdinand Dombrowski Jr, Okauchoe, Wis.---Aug28, KMSP9 WTCN11 KSTP5;
Aug29, WILL12 (new) WCIA3 KSD5 WTHI10 WNDU16 WSJV28 WSBT22; Aug30, Es, unided
chs2, 3; Aug31, Es, WMAR2 KPRC2 KMID2; Sept1, Es, CKCK2 (tentative); Sept15, trop,
KWWL7 KRNT8 KCRG9 WH013; Sept16, WJIM6 KHQA7; Sept23, WLWI13 WNEM5 KCRG9 W
WJBK2. Aurora on Sept4 & 7.

B. H. Rauch, Peoria, Ill.---Aug23, trop, 375 miles, WTVW7 WFRV5 WAVE3 WKZO3
WEEQ35; Aug24, trop, 575 miles, KOTV6 KCMO5 WTVW7 WPSD6; Aug25, WEEQ35; Aug26,
500 miles, WIBW13 KAKEL0 KOLN10 KCMO5; Aug27, 500 miles, KAKEL0 KMBC9 etc;
Aug28, KOTV6 KELO11 WOW6 WKBT8; Aug29, KCMO5 WOW6; Aug30, WIBW13 WAVE3 KFEQ2
WOW6 KMBC9 etc; Sept1, Es, KMID2 KUTV2 KOOK2; trop, KCMO5 WIBW13 WKZO3, also
KID3 via Es; Sept3, KCMO5 KMBC9; Sept4, WOW6 KYW3; Sept5, KAKEL0 KOLN10 KMBC9
WIBW13 KCMO5; Sept6, KELO11 WKBT8 KCMO5; 7th, KTTS10 KCMO5 KOLN10; 10th, KYW3
WKBT8 KCMO5; 11th, WEEQ35; 12th, WTVO39 WEEQ35 WKBT8; 13th, WPSD6 WBAY2 WIBW13
etc; 14th, KOLN10 KMTV3 etc; 15th, KCMO5 KMBC9; 16th, WSJV28 WSBT22 WEEQ35
KCMO5; 20th, WAVE3 WKZO3 WTVP17 WKBT8 KCMO5 etc. Log at 259 stations.

Billy Draeb, Kewaunee, Wis.---July25, Es, CFM4 (new); UHF, WNDU16 WSBT22
WSJV28; July27, WISH8 WANEL5 WSBT22 WSJV28 WKJG33 WLWI13; Aug4, Es, KTVR2;
also: WANEL5 WPTA21 WSBT22 etc; Aug5, Es, KTW02 (new) KBOI2 (new) KID3; trop,
WNDU16 WSBT22 WSJV28; Aug6, KCRG9 WHBF4 KROC10 WFAM59 WKOW27 WMTV33 WTVO39
WKNX57 WKJG33 etc; Aug7, WTHI10 WISH8; UHF chs16, 22, 28; Es, KPAC4 KOA4 KBTX3
KMID2; Aug8, Es, KRDL4; 9th, WDAN24 WFIE14 WFEM6 WBNS10; 10th, WISH8; 11th, WMT2
KROC10, Uhf chs16, 22, 28, 15, 21, 39, 33, (WMTV33) 27; 12th, KSTP5 WICU12 KROC10
WISH8, Uhf, 268 miles; 8th, Es, KFDX3 KGNC4 KOB4 KOOK2 KGSJ5 KTVR2 KUTV2
KTVT4; 9th, WICU12 CFPL10 WLWI13 WWJ4 WGEM10 etc; UHF, 268 miles; 13th, WHBF4
KCRG9 WTHI10 WLWI13 WISH8; Uhf chs, 16, 22, 28, 59, 24, 17 (WTVP) 27, 33, 39, WKJG;
14th, trop, new; KFVS12 KOMU8; also: KWWL7 KRCG13 WTTV4 WSPD13 WCP09 WKY27
WGEM10 etc; UHF, 268 miles; 15th, Ms, KMID2; UHF, chs33, 16, 22; 16th, WISH8 KHQA7
WH013 KRNT8 etc; 17th, WSPD13 WJBK2 WWJ4; 18th, Ms, KGNC4; trop, KDAL3 WCCO4
WILL12 (new) etc; UHF chs16, 22, 28, 33; 19th, UHF chs16, 22, 28; 20th, KMSP9 WTCN11
WCCO4 WHBF4 KROC10 & some UHF; 23rd, Es, KEDY4; 25th, chs16, 22; 26th, KCRG9
KROC10 WHBF4 WCCO4; 27th, KWWL7 WCCO4 WDSM6 WH013 WTHI10 etc; UHF chs22, 27,
33; 28th, WTCN11 WKRC12 WCP09 WBNS10; 29th, KHQA7 WGEM10 LWL7; UHF chs16, 22,
28; 30th, Es, KBTX3; trop, KCRG9; Uhf, 208 miles; Aug31, Ms, WGR2; Sept2, WCG6
WHBF4; Sept4, WMT2 WTHI10, Uhf chs27, 33, 24, 39, 59, 31, WEEQ35, 43, WTVH19; 5th,
WJW8 WTVO39 WFAM59; 7th, Ms, WRBL4; 8th, 12th, 13th, 14th, 15th, 16, 18, 19, 20, 21,
22, 23, UHF, generally 268 miles, WANEL5 WSJV28 WMTV33 etc; VHF, 400 miles,
WCP09 KROC10 WGEM10 WTCN11 WWJ4 WISH8 WCCO4 etc; other DX, 15th, Ms, WCBS2;
17th, Ms, WCBS2; 19th, Ms, WCBS2; 20th, Ms, WFMJ2 WFBC4; 23rd, KMOX4 (new) WAVE3
WHAS11 WICS20 (new) WBIR10 (new) WICU12 CFP-10 WSEE35 WFMJ21 WKBN27 WOSU34
(last 4 new) WIMA35. His log at 178 with 16 new.

Continued on next page.....

**Eastern DX Column...continued...

Bill Eokberg, Walnut, Ill. ---Sept 24, tropo, KFV812 WHIO7 KCMO5; Sept 25, tropo
WMBV11 WEAU13 KMBC9 KCMO5 KETV7(new) WOW6 KFV812. Log at 162, 1 new.

Donald Riland, Holly Hill, Fla. ---Sept 1, tropo, 500 miles, WITN7 WBTW8 WIS;
Sept 4, Ms, WBEM2; Sept 7, WRBL4 WBTW8 WITN7; Sept 8, Ms, WBEM2 WJHK2; Sept 9, Ms,
WBEM2; Sept 10, WBTW8 WJGT7(new); Sept 12, Ms, WBEM2; Sept 16, WBTW8 WIS10; Sept 17,
WSB2 WECT6 WITN7 WIS10; 20th, WSB2; 21st, WBTW8; 24th, Ms, WBEM2; tropo, WSB2;
Sept 25, WAGA5 WSB2; Ms, WBEM2; 26th, 29th, Ms, WBEM2. Log now 91 with 1 new.

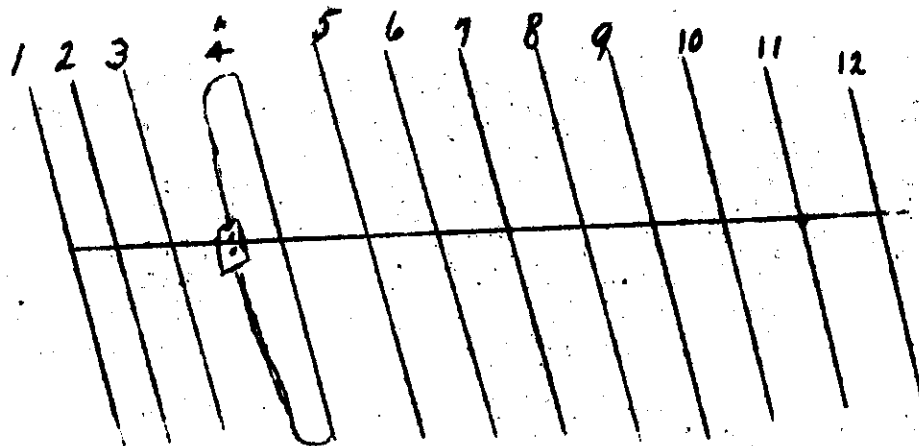
Don Roller, Fort Wayne, Ind. ---Aug 28, tropo, WSL810 WDBJ7 KFV812; Aug 29,
WSJ812 WGAL8 WFBG10 WBOY12 WCHS8; Sept 3, WCAU10 WFIL6 WNEF12 WBOY12. 6 new
in this group.

John Owen Broomall, Due West, S. C. ---Sept 4, tropo, WSL810(new) WTAR3 WDBJ7
WITN7. Log now at 102 stations.

Norm Erint, Kenmore, N. Y. ---Aug 30, WFIL6; Sept 2, tropo, WQED13 WHTN13 WGAL8 ;
Sept 3, WRGB6 WQFO9 WLNT5 WKRC12 WTVN6 WBOY12(new) WBAZ3(new) WBNS10 WLWC4
WHIO7 WCAU10 WTOP9 WJZ13(new) WHTN13 WCHS8 WMAL7; Sept 5, WOOD8; Sept 11, Ms,
WECT6; Sept 17, WLWC4 WHIO7 WOOD8; Sept 24, WGN9 WBKE7 WOOD8 WWTV13. Log now 18.

That's the reports as of October 4th; any more late reports in November
bulletin. Best DX & 73's,

Bob Seybold



(1, 2, 3, Reflectors
 #4 Folded Dipole
 (5 thru 12 are
 Directors)

Assuming you have a collection of aluminum tubing on hand we will get into the mechanics of the Yaggi. Above is a sketch of a Yaggi Ant.

First the length of the boom will be determined by the one you select. The elements on the left (3 shown) are the reflectors. The formula for determining their length is as follows..

492 divided by the frequency in mc. Now in using the three reflectors My suggestion would be to use one cut to the center frequency of the channel next to the folded dipole (4th element from the left) then one cut to the sound carrier freq next back then on the back one cut to the Video freq at the rear. The distance from the folded dipole to the first reflector is determined by dividing 187 by the frequency in mc. I do not have a formula for the location of the rear reflectors. However they will be approx 6 & 12 inches back of the first one. This is not too critical. It can be experimented with if you so desire. The results of the formula given is in FEET. The center can be secured directly to the boom with out any insulation. I am referring to the reflectors and directors and the center top of the dipole.

The folded dipole is the 4th element from the left, #4 and serves to transmit the signal energy to the lead-in line. The length of the folded dipole and the directors may be determined by dividing 468 by the frequency in mc (center of the channel) As you see the folded dipole is similar to 2 ladies hair pins, with the open ends toward each other. The distance between the top and bottom of the "hairpins" $1/64$ of a wavelength. The lower ends of the "hairpins" are insulated from the boom, and the spacing is definitely critical, $1/2$ inch. Not less or more, so as to match the line. I would suggest using Polystyrene which can be purchased in sheet form from a radio supply house.

The distance between the directors and the nearest element is .1 to .2 wavelength. the formula 187 divided by the freq in mc (answer in Ft. will give .15 wavelength and may be used. Mast clamps are listed in various mail order catalogues (Newark Chicago) if you did not get same on your junker antennas. I can not stress too much that care and good solid construction will pay off. The next Spasm #4 will be on stacking of two or more antenna. Until next month,

Best in DX-
 Barney Rauch

This reminds me of the time I was up on the roof, walking the antenna from one end to the other trying for the best spot, with the Wife inside watching the set and yelling out to me where it was the best--- She yelled HOLD IT THERE it's swell now--- only to find I had slipped and fell, antenna and all, the Antenna broken and laying on the ground. Oh my aching back !!!

Art Collins.....

Your letters are always an encouragement to me. The following wrote me during September: John Cody, Art Collins, Ferdinand Dombrowski, Jr., Billy Draeb, Norm Erint, Morris Foote, Albert J. Kopec, Bob Martin, Donald Ruland, King Schafer, Gordon Simkin, Henry W. ("Hank") Ward, and Frank. I'd like to hear from more of you.

FLASH- I have just received a one and a half hour tape recorded "letter" from Gordon Simkin, in reply to a taped message from me. BBC audio was one of the highlights on this tape recording. If you have access to a tape recorder, please let me know.

DISTANT RECEPTION "CLUB"- John Cody 42, Hi 1 (latest total); Ferdinand Dombrowski, Jr. 23, Hi 31, UHF 7; Billy draeb Hi 4; Norm Erint 44; Morris Foote 53; Donald Ruland 32. There are only 20 L.B. stations for which we have received no records. PLEASE check your logs for the following: (All ch.6 except as noted) WERC KCMC KLEM3 WCTV WPSD WJIM WQPO WTVN WENS KOIN WATE WLAC5 KING5 KOMO4 KHQ WHIS WDAY1 WFRV5 WITI WDSM GKSO5 CPCL CEMT CFCM1.

EXCHANGE COLUMN-- TRADE- Huge collection of railroad magazines, timetables, rule books, car tags, lanterns, etc. and various "Corning and Kopp Focus Optical lenses" FOR foreign military souvenirs from 1915-1950 or used or new commercial electrical equipment (except induction or magnetic pieces). "Tell me what you have to offer and maybe I will have use for it." KING SCHAFER

QUESTION OF THE MONTH- Below are answers to previous questions:

"WHAT DO YOU THINK OF THE 1958 Es SEASON?" The 1958 sporadic E season was far below previous summers, both in number and length of openings, according to six of the nine DXers answering this question.

Although the season, as a whole, was poor, August provided several unexpected openings- far exceeding August Es in other years. Three DXers reported:

"The 1958 Es season was very good.., particularly August...RONALD BOYD; I thought Es was excellent...40 loggings in August...this was my first full summer of DXing... JOHN CODY; ...nothing spectacular...I think it has been more consistent... ALBERT KOPEC.

To date, no reports have been received of Es on channel 7, nor of gifts of TV equipment of any DXer. If you can answer "yes" to either of the above questions, PLEASE let me know!

SUGGESTIONS FOR IMPROVING THE AIPA- Morris Foote suggests that the AIPA members "send in the number of times received, and the call letters, of the DX station they have received most often. After the reports are compiled, the AIPA could choose the "TV DX Station of the Nation." One of our officers could notify the station of the honor, which would be given on a yearly basis. Morris feels that this would help to publicize our group.

"Have a duplicating method which will allow photos to be printed, increase members and size of bulletin (don't ask how) and have one paid editor who actually does all writing and composing- columnists only send their material to him. Postage paid report forms, different for each column." GORDON SIMKIN

(In the future, ALL suggestions specifically designated as "Suggestions for Improving the AIPA" will be published, unless otherwise requested.)

WHAT DXING EQUIPMENT WOULD YOU BUY IF COST WERE NO CONSIDERATION? "110 foot Telerec rotation mast; two-stacked 12 element...yagis on...chs.2-6, one each on chs. 7-13, plus home-made 20' modified horn;...tenna top single channel cascade boosters for each antenna but the horn;...tuneable cascade booster at TV; best possible TV (not presently determined), plus a color TV, to see how color DX is!; a 4x5 cut-film camera; for UHF my Mallory 88 UHF converter plus 400 single-channel, high-gain, low-noise converters on several, specific channels. I'd buy separate TVs for each... standard. Then I'd move to a location with NO local stations." GORDON SIMKIN

SORRY I couldn't get in more this month. I have just entered Georgia State College of Business Administration in Atlanta where I am majoring in Journalism. DON'T FORGET TO WRITE ME: JOHN OWEN BROOMALL, 578 PARK DRIVE N.E., ATLANTA 6, GEORGIA

First of all, my apologies to those members who sent in reports last month. I decided that there were not enough to bother using up another page in the bulletin. This month seems to have been a little better, but still not much.

Donald Buland of Holly Hill, Fla., Thanks for the letter, lets have a meteor scatter report next time. I think that you will be able to add several new stations by this mode.

Ed Shorey of Derby, Kansas; Aug2, WBAY2 WLWD2 WBBM2 WSAZ3 WAVE KDAL3 WISC3; Aug4, WAVE3 WJBK2 WBAY2 WBBM2 WGR2; Aug5, WAVE3 WJBK2 WBAY2 WBTW3 KPRC2 WBBM2; Aug6, WJBK2 WBAY2 WBTW3 KPRC2 WBBM2; Aug9, WAVE3 KDAL3; Aug10, WGR2 WBBM2 KDAL3 WKZO3; Aug12, KYW3 WTAR3 WBBM2 WJBK2 WBAY2 WFMY2 WBTW3; Aug14, WBBM2 WTAR3 WFMY2 WBTW3; Aug17, WGR2 WJBK2 WBAY2; Aug19, WAVE3 WJBK2 WBBM2 WBAY2 WBTW3 KPRC2 WGR2; Aug20, WBTW3 WBBM2 WGR2; Aug24, WBBM2 WJBK2 KDAL3; Aug26, WJBK2 WFMY2 WBBM2 WBAY2 WBTW3 KPRC2. Thanks Ed.

Richard V. Nieman of Buffalo, New York; Sept1, WCBS2 KMOX4 WRCA4; Sept5, WLBZ2 WRC4 KMOX4 KYTV3 KMTV3; Sept12, WLBZ2; Sept15, WKY4 WBAY2 KVOO2 WMAR2 WAVE3 WLWD2 WMBR2 WESH2 WDBO6 WBBM2; Sept16, WLBZ2 WCBS2 WMAR2 KMOX4. Sept17, KYTV3 KMTV3 WRGP3 WFMY2 WBTW3 WFBM6; Sept19, WLBZ2 KMOX4; Sept27, KMOX4 WLBZ2 WFBM6 WOI5 KOTV6 WBAY2 WBBM2 Nice Report Richard.

Bryan Rawlings of Montreal, P.Q., Aug4, WBBM2 WBAY2; Aug5, WBBM2 WBAY2; Aug6, WBBM2; Aug7, WBBM2 WBAY2; Aug7, WBBM2 WBAY2; Aug9, WBBM2; Aug10, WBAY2; Aug11 WMAR2 WFMY2 WBBM2 WBAY2; Aug12, WMAR2 WBBM2 WFMY2 WBAY2; Aug14, WBBM2 WJBK2 WFMY2 WBAY2; Aug16, WBBM2; Aug18, WJBK2 WBBM2; Aug18, WBBM2 WJBK2 WBAY2 WMT2(teh); Aug19, WBBM2 WBAY2; Aug20, WBAY2 WFMY2 WBBM2; Aug21, WFMY2 WBAY2 WBBM2 WMT2; Aug22, WBAY2; Aug23, WBBM2; Aug25, WBBM2. Nice going Bryan.

John Cody of Middletown, Conn.; Aug28, WCIA3 WISC3 KMOX4; Aug30, KDKA2 WJBK2 WBBM2 WBAY2; Sept2, WCIA3; Sept6, WBBM2 KDKA2 WJBK2 WLWD2 WABI5(new); Sept7, WCIA3; Sept8, WCIA3; Sept9, CBFT2 WCIA3; Sept10, WISC3 WCIA3; Sept11, KDAL3; Sept13, KDKA2 WBAY2; Sept20, WLWD2 WBBM2. Good luck at school Johnny.

Last but far from least comes Ye Olde DXer B.H. Rauch of Peori Ill., Aug25, WSYR3 WCBS2 WMAR2 WBTW3; Aug 26, WSYR3 WCBS2 WMAR2 WBTW3; Aug27, WSYR3 WBTW3 WMAR2 KYW3; Aug28, WBTW3 WCBS2 WSYR3; Aug29, WRC4 WSYR3 WBTW3 WCBS2 WMAR2; Sept1, WCBS2 WMAR2 WSYR3 WBTW3 WGR2; Sept2, WCBS2 WMAR2 WSYR3 WBTW3; Sept4, WBTW3 WSYR3 WGR2 WCBS2 WMAR2 KPRC2 WRC4; Sept5, WBTW3 WMAR2 WCBS2 WRC4 WSYR3 WGR2 KPRC2; Sept8, WCBS2 WSY WBTW3 WGR2 WMAR2 WRC4; Sept9, WRC4 WMAR2 WSYR3 WBTW3 WCBS2 WGR2; Sept10, WBTW3 WSYR3 WMAR2 WCBS2 WRC4 KPRC2; Sept11, WRC4 WSYR3 WCBS2 WBTW3 WMAR2 WGR2; Sept12, WSYR3 WMAR2 WCBS2 WGR2 WRC4 WBTW3; Sept15, WCBS2 WMAR2 WBTW3 WRC4 WSYR3 WGR2; Sept16, WSYR3 WMAR2 WBTW3; Sept17, WCBS2 WMAR2 WSYR3; Sept18, WCBS2 WSYR3 WBTW3 WMAR2; Sept19, WSYR3 WBTW3 WCBS2 WMAR2 WRC4 WSYR3. Quite a report Barney. Theses MS report of Barney's should be proof that he knows what he is talking about in his series of articles for the bulletin. It really takes some doing to pullin MS as regularly as he does.

That about does it for this month, PLEASE lets have some more reports next month. Remember even a negative report is useful. As a matter of fact I will put in a negative report for myself right now. As far as I am concerned conditions in the last month just haven't even existed. This goes for all modes of propagation not just MS. Thats enough griping for now so I will say best 73 & DX JH

IDKers: Ronald Boyd of Nova Scotia reports that his Admiral TV is not inter-carrier, so that it works very good on audio DX. He has been logging some of the paging stations on 35.22 and 25.58 Mc, and has heard DX from his South up to about 43 Mc - likely from Puerto Rico, or thereabouts. He is far enough North, as to be a good check on the conditions across the North-Atlantic. He may begin receiving the BBC audio just any day now. He has also started trying his own photographic printing, to reduce expenses. Incidentally, he is now "the principal of an eight room school and teaching subjects in grades 7, 8, and 9." Good luck, Ron.

Heinar Tammet of Tallin, Estonia, USSR, reports that he has been modernizing his TV - but the work is only half done and he is out of time for a while. But while working on a friend's TV, he logged Switzerland with rabbit-ears! He also has found out that Poland does not have FM on 40 to 50 Mc, but on 88 to 100 Mc like the rest of Europe. He has passed part one of the Telemechanics exam, but has spent all of September working on a farm - out of contact with his mail and DX. Here's hoping you catch some F2 DX this winter - look out for video on 55.25 Mc from almost anywhere.

US DXers: Ferdinand S. Dombrowski, Jr., of Okauchee, Wis., expresses interest in getting an IDK converter. One of his questions makes it obvious to me that I didn't make myself clear last month on one point. The \$5 conversion kit that I can sell is only for conversion of the Heathkit FM-3A, and not for any tuner. It appears now that I may have time to do a limited amount of converting of this sort this winter. So if you are interested, write to me giving all available info on your TV, vacant low-band channels, etc. But remember, the conversion that I speak of does not change your TV to BBC standards - it only makes your TV tune 40 to 60 Mc. First come, first served.

Stanley Penc of Utica, N.Y., reports increasing activity above 35 Mc - and reception of WSB-2 (not IDK, but of special interest to me) for over an hour - it seems that their anti-DX transmitting antenna hasn't stopped all DX anyway. He is now trying to get a TV and FM tuner to working in his car. At this time, he is the only one to order a set of European TP's. Fortunately (for him) I was doing some printing that day, and was able to make his up - so if you are curious about them, write to him (at 1524 Mt. View Ave.) for his rating of them.

Don Johnson (Doris's OM) asked me a question in regard to Mr. Smith's Radio-Electronic article on "Looking in on London" which I thought others might be interested in. Question: "How can you get the BBC on 45 Mc - FM (the FM tuner the man wrote of) when the BBC is AM?" Answer: All but the very best FM tuners will not stop all AM from coming through, especially if you detune (tune to the side of) the tuner a little. Hence, an old FM band (42 to 50 Mc) tuner does make a reasonable unit for listening to either audio or video in this range - and they can be made to tune on down to 41 Mc with only a screw driver. -- Doris reports that she has finally received a verie from OKOW-2 for last January's F2 DX!

George Jacobs (Propagation Editor for QQ) sends a very interesting letter which I will quote parts of here. "You may want to tell your readers in the LIPI... that this is expected to be another record breaking year for 6-meter DX. Although the sunspot numbers are expected to be somewhat lower this fall and winter than last year...the 6-meter band (50 Mc) is expected to open to almost all areas of the world as it did last year. Beginning with about the middle of October, improving during November and December, and carrying over through April, there should be an abundance of trans-continental, trans-Atlantic and trans-Pacific openings...with a good number of openings into South America (during the fall and spring) and into Australasia (especially during the early spring).... Times of...openings will be about the same as last year...." Thanks, George.

Locally, F2 DX has continued to be better than last year at this time. Note this comparison of F2 DX from the Eastern US. In 1957, first DX on 35.58 Mc was on Sept 11, some more on the 12th, none the 13th. More on the 15th and 16th, and almost everyday thereafter, but openings were mostly to the SE (not toward Europe) and there was only one or two stations heard at a time. It was Sept 18 before I logged any NE US station on 35 Mc, and there were no real widespread openings until October 3 - and this was mostly to the SE.

This year, things are a little better, as shown by these loggings. The first DX was on August 28, and this was to the NE US! The 29th brought more DX from both the NE & SE. This continued, and on September 1, there was more DX to the NE US than any day in September last year. By the 5th, openings were so widespread that identification of stations became very difficult - too many all at once. Sept. 7 to 10 was relatively dead, but by the 14th, DX was back with MUF's reaching 41 Mc but no BBO. DX dropped down on the 17th, but picked up again on the 19th and daily until the 25th, with the MUF at or near 39 Mc. It now looks like the next rise will bring DX on the 43 Mc paging stations, and as soon as this happens, there are very good chances for BBO DX in the East, and out here just shortly after. If things should continue all winter this much better, it could bring a lot of 2,000 mile-plus DX on channel 2, so don't let this chance to log some good ones pass by. Any time during the daylight hours when you can, make regular checks for such DX - especially in November, December, and January. And whatever you do, don't check only on days that I have predicted - as the best DX usually comes unexpected! And one thing more, F2 DX is very likely to be very ghosty, although it may get very strong, and the sound will likely not come in - but if it does, it will not be at the same time the picture starts, nor for as long. You will really have to be on your toes to ID such stations, but by determining direction, watching for evidence of any recognizable items or people, and especially ads during station breaks, and writing down all known facts, including the time as exact as possible and also note and record the types of interference to the picture, i.e. fine-line QRM, wide VB, etc. This may be especially valuable, if you have a weak local which will always produce some type of QRM as the DX starts. Also, the least ghosting is most likely at the beginning or ending of such DX. If you can afford it, take many photos, especially of anything that may be a TP or ID slide. Try to have the camera at the same location without moving it, and special techniques may be able to make readable pictures from them.

Back on the European TP 's, I have worked out a way whereby any of you can have some copies in exchange for copies of your Es TV DX logs. Here is what I need: TWO (2) copies each of year, date, time in & out, channel(s), call, location, and approximate miles (if known), signal quality (audio and video) time system used, and other comments concerning the logging. Do not list calls for stations unless they are positive, or listed as guesses. All Es loggings are valuable, regardless of how old, but do not include any tropo, MS, or F2. You should include mysteries, and so indicate. List unids, especially the highest channel logged. Include any high-band DX which appeared to you to be Es. Be sure to indicate changes from

Daylight to Standard time (if changes are made) and be sure to get the AM and PM right, if you don't use the 24-hour time system. TP's will be exchanged on the basis of amount of material sent and completeness of listings.

F2 PREDICTIONS: Present indications are that Oct 3 & 4 should be included as likely good days, also the period of Oct 15 to 17 should be extended to the 22nd, and the 23rd to the 25th may not bring much DX. Remember, these are days that now appear to be above average, along with the ones, or instead of the ones listed last month. Average MUF predictions for Oct and Nov were listed last month. Peak values may exceed the average by 10 Mc or more - and this doesn't mean the whole day will be exceptional. There is never any substitute for regular checks - on all days. Here is the predicted average MUF's for December. Again, BBO to Nova Scotia and Loma Linda:

EST	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	EST
DEC to NS	25	34	40	42	44	43	42	38	36	32	27	Mc.
DEC to LL	-	-	-	-	26	34	37	31	24	-	-	Mc.

Incidentally, the 12-month running average sunspot count last November was 200, the peak, we thought. But Dec was 199, Jan was 198, and Feb was back to 200! This means the monthly count remained very high through August. Next February is still forecast as being above 150. (Data from CRPL-Ma, Sept. '58)

SHORTS: All horted out! My sub to Broadcasting has run out, and I cannot at present renew it (due to cost). Other information sources have yielded nothing.

That's it for this time. Best of DX to all, and a special thanks to all who contributed - be patient, I will yet answer!

Western DX Column.....by Doris Johnson, 146 Maddock Pl. Longview, Wn.,

Jim Dillon of Regina, Sask., Canada writes that he logged 3 new this last month..with a total of 78 now logged. July 1, he logged CHCT-2 by tropes..new/Sept. 1, KCMC-6 by skip/Sept. 4, CKSO-5 by skip new/Sept. 5, WTMJ-4 by skip/Sept. 9, CJFB-5 new by tropes/Sept. 12, KCJB-13 by tropes. Thanks for report Jim.

Long time member MW DeGeer of Tulsa, Oklahoma writes that he has been out of town so much this summer that he ~~hasn't~~ hasn't had much time for dxing, however he did log one new by ms..bringing his total logged to 108. July 6, WBEN-4 by skip/Aug. 4, WHBQ-13 and KARK-4 by tropes/Aug. 7, KHTV-4 by skip/Sept. 14, WTAE-4 by ms and new/. DeGeer writes that Allan Livingston calls every now and then, and hasn't been dxing this past summer either, but hopes to be back in the dxing business soon. Thanks so much for report..so nice to hear from you again.

Ron Hilding of Phoenix, Ariz. is off to college by now..studing to be a Doctor at the U. of Utah. His last report before he leaves reads as follows: Aug. 26, KPRC-2 by skip/ and KPAC-4 and WBRZ-2 all by skip on the 26th. Thanks for report Ron, here's wishing you lots of luck in college, and I hope to hear from you when ever you have time.

Another dxer off to college is Ed Hepp of Portland, Ore. He is attending college right in Portland however. He is studing Electrical Engineering. Ed's log reads, Aug. 26, KREM-2/KLEW-3/KXLF-4 by tropes. Aug. 27, skip..KOTA-3/KNXT-2/KRCA-4/and unid ch.2 and 3. Aug. 30, unid ch.2 by skip. Sept. 1, KTVR-2/KEBC-5/KTWO-2/and unid ch.4 by skip. Sept. 2, 2 unid on ch.2 and ch.4 and KNXT-2 by skip. Sept. 3, Aurora /Sept. 4, strong aurora with audio from KCRA-3. Sept. 5, unid ch.2 by skip. Sept. 15, CBUT-2/KPIC-4/good tropes. Sept. 18, KVOS-12/at 240 miles very good tropes. and KPIC-4 good tropes, Sept. 19, tropes, KREM-2. Best of luck in your college work Ed.

Your editor here, has a very poor report to write up..but here it is for what it is worth. Aug. 25, unid ch.2 and KNXT-2 by skip. Aug. 26, KOOK-2/KDIX-2/unid ch.3 and 4 all by ms..strong aurora noted in evening. Aug. 27, KLRJ-2/KNXT-2/KRCA-4 all by ms. /Sept. 2, KARD 3/KCKT-2/ by skip. Sept. 7, KOOK-2 by skip /Sept. 24, KOTI-2 by tropes/ Sept. 25, KCKI-2 by skip and unid ch.3./Sept. 26, CHBC-13 by tropes,

Nice letter in from Morris Foote of Middletown, Idaho. Says he has been buay and found little time for dxing. However on Sept. 25, he heard a bar of Music on Chp 11 with some zig-zag lines much quicker than ordinary ms..has noticed this on ch.3 also. KCIX-6 is not on the air yet..thanks for letter and info, Morris.

Ed Shercy of Derby Kansas sends in a nice list of tropes loggings with 2 new..new total 201. Aug. 27, KTHV-11/KAYS-7/KATV-7/KOMU-8/ Aug. 28, KLTV-7/KSLA-12/WHO-13/WFAA-8/KFJZ-11/KRNT-8/KDRO-6/KTEN-10/ KOMU-8/KHOL-13/ Aug. 29. KLTV-7/WOW-6/WFAA-8/ Aug. 30, WJAR-2/WRC-4/KH KHQA-7/ Sept. 7, KRNT-8/KOLN-10/ Sept. 12, KWVL-7/KETV-7/KRNT-8/ Sept. 13, WFAA-8/ ~~on~~ KRNT-8/KTBC-7/KLTV-7/WFAA-8/ Sept. 24, KSLA-12/ KCBD-11,/ WFAA-8/ all tropes except on Aug. 30, WJAR and WRC which were by skip.

Well that's it for this month...very few reports..so a short column...I hope next month is better..dx wise and report form wise!!

83's Dec

