AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

Art Collins- Pres. 63 Amber Street Buffalo 20, N. Y.

Volume 9 Number 9

A. I. P. A. BULLENTIN

. Page One

King Schafer V.Pres. 360 Zimmerman Blvd. Kenmore 17, N. Y.

Pub.monthly

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Board Members

* B.J. Bingham Bedford Brown Billy Draeb Tem Hidley Deris Johnson Richard Nieman Dennis Smith

The current controversy over the proper * mode of DX mileage calculating, is indeed an Ferdinand Dombrowski, Jr. * unusual and perplexing problem. Unusual, be-* cause such a basic aspect of DX efforts has * been taken for granted allthese year (I presum * and as well perplexing, because there appears at this time to be no easy solution, if any, to * the problem.

Walter Spaulding I believe I can be safe in saying, that all DX'ers when calculating mileage employ rather primitive methods. Name that small "mileage scale" found at the lower right-hand cormer of most common design maps. With this handy aid, the DX'er proceeds with a ruler a piece of marked paper or a compass, to "chart" the distance between his area and WXYZ-TV. Now another DX'er seeing this amazing 980 mile haul, re-check's the reported mileage, and finds the "real" distance is 950 miles and not 980miles. What happens after this is all too well known? nasty exchange between individuals, one chap being a few more miles incorrect then the other.

The core of the problem thus hinges around reference points, or exact or semi-exact points to base your measurments upon. The ruler with one end on your home city, will throu you off balance from two to twenty or more miles before your even begin your determinations! Then when you cross the city of your logging, the actual location of the stations transmitter(if not known), could involve as much as 80 miles of error. So it is that no matter how trying your efforts are in this direction, unless more exact references are employed, the situation will remain for better or worse unchanged.

As we mentioned before there is no easy solution to this problem. I would refer you to last month's column of Gary Olson's. Here reference was made to the Oct. 1957 issue of the AIPA Bulletin. This edition has in fact the "answer" to our quest, a system of ascertaining exactly as to how far WXYZ-TV really is. So lets see, -our station is located in Detroit at latitude 42 degrees 28 feet 15 inches, and longitude of 83 degrees 15 feet and zero inches. Now obtain a copy of Professor Heimat Von Schlagenmorgens book "Rechnen und Mann" published by Tunichtquthaus in Vienna. Using your electric geometric slide-rule-well you know the rest, it's easy!

Best Dx-73's King

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REVISED CH. 6 TELEVISION RECORDS CHANNEL 6 RECORD HOLDERS:
   CALLS LOCATION

WERU Birmingham, Ala.

KUAT Tucson, Ariz.

**KVLE Sacramento, Cal.

KVLQ Eureka, Cal.

(No Record)

KSEL San Luis Cal.

**CALLS LOCATION

B. Hauser-9

M. Foote-5

B. Hauser-9

M. Foote-5

Cooper, D. Johnson-3

F. Dombrowski, N. Erint,
   KERY San Luis, Cal. 1300 ES
*KRMA Denver, Colo. 1370 NE
*WNHC New Haven, Conn. (Now Ch.8)1090 BB
                                                                                                                                                                                                                                                                                            A. Friese, E. Shorey, D. Smith.
                                                                                                                                                                                                                                                                                          R. Seybold-2
R. Boyd, J. Cody, J. Dillon,
 *WNHC New Haven, Conn. (Now Ch.8)1090 BB R. Boyd, J. Cody, J. Dillon, WDBO Orlando, Fla.

*WDBO Orlando, Fla.

*WJBF Augusta, Ga.

*WCTV Thomasville, Ga.

*KCIX Nampa, Idaho

*KTLE Pocatello, Idaho

*WFSD Paducah, Ky.

*WFSD Paducah, Ky.

*WBM Indianapolis, Ind.

*WOO Davenport, Iowa

KTVC Ensign, Kans.

*WDSU New Orleans, La.

*WCSH Portland, Me.

*WLUC Marquette, Mich.

*WLUC Marquette, Mich.

*WLUC Marquette, Mich.

*WDSM Duluth, Minn.

*WABG Greenwood. Miss. (No Record)

*KACB San Angelo. Tex. 1200 PC
                                                                                                                                                                                                                                                                                          but he is no longer in the club
  WABG Greenwood, Miss. (No Record)

KACB San Angelo, Tex. 1200 PC

KDRO Sedalia, Mo. (now KMOS)

KHPL Hayes Center, Neb.

WOW Omaha, Neb. (Double Hop)

KAVE Carlsbad, N. M.

WRBG Schenectady, N. Y.

WRBG Schenectady, N. Y.

WRBG WILLIAM STATEMENT 
WDAY Fargo, N. D.

WIVN Columbus, Ohio

KOTC Tulsa, Okl.

WJAC Johnstown, Pa.

WFIL Philadelphia, Pa.

KKFIM Beaumont, Tex.

KSLS Corpus Christi, Tex.

KCHN Temple, Tex.

KCMC Texarkana, Tex. (Now KTAL)

*KSYD Wichita Falls. Tex.

1350 ND

CHANNEL 5

300 NE KNME Albuquerque, N. M.1170 BM

KNME Albuquerque, N. M.1170 BM

1400 ND KFHO Fhoenix, Ariz.

1510 BM

2200 RS CMBF Santiago, Cuba

1350 BM

1055 BHa KORN Mitchell, S. D.

1250 BHa CBXT Edmonton, Albt.

1300 DS

CHANNEL 8

1530 MF KNOE Monroe, La.

550 BM

CHANNEL 10

*KSYD Wichita Falls. Tex.

1545 DJo WMVS Milwaukee. Wisc.

365 BM
*KSYD Wichita Falls, Tex. 1545 DJo WMVS Milwaukee, Wisc. 365 BM
*KHQ Spokane, Wash. 1930 RS
WETR Richmond, Va. 1100 JPi CHANNEL 11
WHIS Bluefield, W. Va. 565 FD WJHL Johnson City, Tenn. 395 DP
WATE Knoxville, Tenn. (No Record)
WITI Milwaukee, Wisc. 1800 DS CHANNEL 12
WIFR San Juan, P. R. 1180 DR WRVA Richmond, Va. 435 BM
*CHAT Medicine Hat, Albt. (No record)
CHANNEL 13
  CHCA Red Deer, Albt. (No record) CHANNEL 13 **CHEK Victoria, B. C. 285 DJo WJZ Baltimore, Md. 470 BM
     *CHEK Victoria, B. C.

CBWFT French Winnepeg, Man.(No Record)

CJCB Inverness, N. S.

CJON St. Johns, N. F.

CFCL Timmins, Ont.

CBLT Toronto, Ont.

CBMT Montreal, Quebec

CMQ Havana, Cuba

XETV Tijuana, Mex.

Deadline Sept. 25, '62.

Frank Wheeler, Box 176, R. D. 5, Erie, Pa. 13-B. Meers.

285 DJo WJZ Baltimore, Md.

470 BM

NEW RECORD HOLDERS CH. 2-13

B. Hauser.

B. Hauser.

Chapter and Box 1750 BH1

S-P. Cox, B. Hauser

4-J. Fizza, B. Hauser

5-B. Meers-3, P. Cox,

F. Cox, D. Smith-1

8-B. Meers. Ch.10-B. Meers

11-D. Fomeroy, CH.12 B. Meers.
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Sept. 1962

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GRANTS
       Walker, Minn. 31/15.5kw 930'AT.
Yuma, Ariz. 1.97/.99kw 220'AT.
Corbin, Ky. 494/247kw 470'AT.
(EDU)Athens, Ohio 12.3/6.2kw 810'AT.
Jenkintown, Penna. 21.9/11.8kw 270'AT.
Ch.12
Oh 13
Ch 16
Ch 20
Ch 29
APPLICATIONS
         Salem, Ore. 19.6/9.8kw 916(AT.
Ch 3
        El Centro, Calif. 1.907/.945kw 13'AT.

(EDU)Presque Isle, Maine 209/104kw 512'AT.

(EDU)Orono, Maine 229/149kw 753'AT.

(EDU)Mt. Pleasant, Mich. 15.4/8.8kw 526'AT.

Hattiesburg, Miss. 13.8/7.7kw 332'AT.
Ch 7
Th 10
Ch 12
Ch 14
Ch 17
        (EDU) Chatsworth, Ga. 253/127kw 1854 AT. Cleveland, Ohio 598/323 KTkw 622 AT. Chicago, Ill. 197/98kw 608 AT.
Ch 18
Ch 19
ch 32
         Linden(Newark), N.J. 200/108kw 576'AT.
Ch 47
NEW CALLS
WOUB-TV 20 Athens, Ohio
KWAB(TV) 4 Big Springs, Texas changed from KEDY-TV
NEWS
KMEX-TV 34 Los Angeles, Calif. will start Sept. 15 with all
 Spanish format
WVUE(TV)12 New Orleans, La. power down to 120/60kw, ant. 1010'AT.
WIEV(TV)6 New Bedford, Mass. to 65.8kw, antenna 430'AT., target
 date is 1/1/63 and will be ABC
KATC(TV)3 Lafayette, La. to 100/55kw, ant. 1000'AT.
WKBN-TV 27 Youngstown, Ohio up to 462/234kw, ant. 630'AT. KHOL-TV 13 Kearney, Neb. up to 316/158kw and move tower 16 miles
 N.W. of city & increase height to 1110'AT.
WIBW-TV 13 Topeka, Kan. to move tower 20 miles west of city and
 increase heigh to 1380'AT.
Detroit, Mich. will get two translator stations on chs. 79 & 83
 to rebroadcast KS2GA & KS2XGD at Montelier. Ind.
WKBT(TV) 8 La Cross, Wis. power up to 316/158kw and move tower
 29 miles from La Cross and increase to 1540'AT.
WLCX-IV 13 Biloxi, Miss. will be ABC, target date Sept. 10
WSBT-TV 22 South Bend, Ind. now using a 1047' tower and 480kw KFOY-TV 9 Hot Springs, Ark. now on the air with 60/30kw - NBC
KRTV(TV)3 Great Falls, Mont. now using 30/15kw and a 300' tower,
 verie signer is Jesse Wymire C.E.
KOND-TV 12 San Antonio, Texas will soon be using a 1505' tower
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On Sept. 9 Syracuse, N.Y. will have WSYR3 NBC, WHEN5 CBS & WYNS9 ABC and Rochester will have WROCS NBC, WHEClO CBS, and on Sept 15 WOKR13 ABC will start

WDCX-FM 99.5mcs. Buffalo, N.Y. has a target date of Sept. 2 with 110kw, format is religious programs, news and music WHIZ-FM 102.5 mcs. Zanesville, Ohio now on the air I would like to thank Bill Hauser, James Pizzi & Dave Nieman for the cards and letters

> 73's Carlon

PAGE 1

Column 1

James Pizzi, Rochester, New York June 27: Trops, CJOH-13, CKCO-13, Es. WTHS-2, KPRC-2.

June 28: Trops, CJOH-13. June 29:Es. WLBT-3, WBRZ-2, WEDU-

July 9:Es. WBRZ-2, WESH-2, WJXT -4, WTVJ-4, WSB-2, WDIQ-2 CKCW-2, KTIV-4, WMT-2, KYTV-3, KTVI-2, KDLO-3, KTCA-2.

July 10:Es. KCKT-2, KFEQ-2,KARD--3.

July 11:Es. WUSN-2, WESH-2, KV00 -2, WBRZ-2, KTBS-3.

July 16:Es. WTHS-2, WTVJ-4, WESH -2, WEDU-3.

July 18: Trops WAST-13.

July 19:Es. KTVI-2, CBWT-3.

July 20: Trops CKCO-13.

July 21:Es. KV00-2.

July 26:Es. WTHS-2.

Total 55 New 1

Ghislain Girard, Arvida, Quebec July 5: Es. WTVR-6, WECT-6, WJPB -5, WLAC-5, WSM-4, WFMY-2. July 6:Es., WBBM-2.

July 9: Es. WDAY-6, CBWFT-6, KSTP-5, KXJB-4, WCCO-4, WDAF-4, KGLO-3, KDAL-3, WSAV-3, WCIA-3, KTVI-2, CKVR-3.

July 18:Es. WFBC-4, WFMY-2. July 19:Es. WHBF-4, WCCO-4, WMT--2. Total 101 New 5

Gary Olson, Barrington, Illinois June 23:Es. KMID-2, KACB-3.

June 25:Es. WEDU-3.

June 26: Trops KROC-10.

June 27: Trops WWTV-9.

July 3:Es. KMID-2, KACB-3.

July 5:Es. WEDU-3, CBHT-3, KENS

-5, KACB-3.

July 7:Es. WTIC-3, CJBR-3.
July 9:Es. WLBZ-2, CBHT-3, CJBR

-3, CHSJ-4. July 16:Es. WEDU-3, WAPA-4.

July 18:Es. CBHT-3, KID-3, KTWO-

-2,.

June 9:Es. KPRC-2, KBTX-3. June 10:Es. KMID-2, KFDX-3,

KACB-3. (continued column2)

Column 2

Gary Olson, June 11: Trops WLW-I-13, WISH-8,

WFBM-6. June 12: Es. KBTX-3, KMID-2, KRLD-

-4, KTWO-2. June 15:Es. WEAR-3, WEDU-3, KID-3

June 16:Es. KRTV-3.

June 20: Trops WHA-21, WEEQ-35.

June 21: Trops WEAU-13.

June 22: Trops <u>WWTV-9</u>, WFAM-18, WEEQ-35.

July 19:Es. WBZ-4, CBHT-3, WGBH-2 CHSJ-4, CJBR-3, WLBZ-2.

July 24:Es. KACB-3, KMID-2.

July 26:Es. KOOK-2, KACB-3. July 30:Es. KMID-2.

August 1: Trops KPLR-11.

<u>Total</u> 213 <u>New</u> 4

Frank Wheeler, Erie, Pennsylvania

July 26: Trops WNEM-5.

July 27:Es. KNOP-2.

July 28: Trops WJIM-6, WMSB-10, WNEM-5.

August 4: Trops WJIM-6, WILX-10.

August 9:Es. KGLO-3, KARD-3.

August 11: Trops WJIM-6.

August 12: Trops WJRT-12.

August 15: Trops WTOM-4.

August 16: Trops WOOD-8, WILX -10, WNBQ-5.

August 17: Trops WJIM-6, WILX-10, WNEM-5.

August 18: Trops WJIM-6, WNEM-5.

August 19: Trops WJRT-12. August 26: Trops WSYR-3.

Mrs. W. E. Burritt, Waterloo, N. Y.

July 30:Es. KFEQ-2.

August6: Es. WSB-2, WBRZ-2.

August 9:Es. KRLD-4, KARK-4, WKY-4, KV00-2, WBRZ-2.

August15: Es. KV00-2, KRLD-4.

Total 109 New None

David Nieman, Buffalo, New York July 29:Es. CJON-6.

July 30:Es. KARD-3.

Total 246 New None

D. MAIQ DX WIRS DX WESH DA BB DA BRZ DX AFEG DX KIVI DA FRAY DX MUIN DX WEDU DX FEAR DA IRBL D. MAIV DA MAVE DA MABT DX KIVO DX AYIV DX MBIV DX WROP DX WROC DX MSVA DX KSD DX WIAR DX WSAZ DX WIVY DX KARK DX WJXI DX WIVJ DX WWL DX WCBI DX WDAF DX KMOX DX WUNC

AIPA-DX

SOUTHERN

COLUMN

The heading for this month contains several of the low band stations found in the Southern Dozen, with the exception of WSAZ, a slip. See how many you can locate. At this time I must announce the departure of the other half of this column; Billy Meers left Sunday night for France, where he will be studying for the next year. Let us wish him Luck and Many fine times. Hi.... Here is Bill's last report for awhile.

Bill Meers, 108 Fifth Street, LaGrange, Kentucky.....August 1: WDXI-7, WHBQ-13, WD5G-6 (trops). August 6: KHQA-7 (trops). August 7: KHQA-7, KOMU-8 (trops). August 8: KOMU-8 and WSBT-22 (trops). August 10: WMBD-31, WEEK-43, KHQA-7, KOMU-8, WICD-24, WTVP-17, WCHU-33, WEEQ-35 (trops). August 11: KWWL-7, WMBD-31, WEEK-43, WSAV-7 (tentative), WISN-12 (trops). August 12: WICS-20, WILX-10, WXYZ-7, WOOD-8, WSTV-9, (trops) and WCBS-2 (MS). August 17: WICS-20, WCHU-33, WEEK-43, WTVH-19 (trop) Bill's total stays at 244 with August being a very depressing month, especially in Es.

B. J. Bingham, 430 South Adam Street, Festus, Missouri....August 1: WAPI-13, WBRC-6, WCPO-9, WDXI-7, WHAS-11, WREC-3 (trops). August 5: KRNT-8, WOC-6, KCRG-9, KMMT-6, KROC-10, WGN-9, WBKB-7, KTVO-3 (trops). August 8: WKRC-12, WCPO-9, KNOE-8, WAFB-9, KLFY-10, KSLA-12, KOLN-10, KETV-7, KMBC-9, KCMO-5, KFEQ-2, KTVE-10, KTHV-11 (trops) and WRCV-3, WTIC-3, WKTV-2 (Es). August 10: WHO-13, KRNT-8, WMCT-5, WHBQ-13, WLAC-5, WREC-3 (trops). August 11: WBBM-2, WGN-9, WBKB-7, WISH-8, WLW-I-13, WFBM-6 (trops). August 15: WLW-D-2, WLUK-11, WILX-10, WJRT-12, WXYZ-7, WWTV-9, WJIM-6, WHAS-11 (trops)....B.J. had some fine trops openings, especially the Minnesota IDs which B.J. says is his hardest state. B.J.'s total is still at 286 with nothing new for August. B.J. is looking forward to the day when all of his low-band locals to will sign off for the duration of a strong Es opening....Hi....

Donald Ruland, Louisville, Kentucky.... This is a report that I had to leave out of last month's bulletin because of lack of space and delinquency on my part.

June 9E KRLD-4, KMID-2, WOAI-4 (Es). June 10: KNOP-2 and KDUH-4 (Es). June 14:

WESH-2, WTVY-4. KRIS-6 (Es). June 25: WTHS-2 (Es). July 6: WLAC-5 (trops).

July 13: WLAC-5 and WSM-4 (trops). July 16: WESH-2 (Es).

Richard Bergen, III, LaGrange, Kentucky....August 5: WSIX-8 (trops). August 8 KMID-2 (Es) and WFIE-14, WEHT-50 (trops). August 10: WFIE-14, WMBD-31, WICS-20, WEHT-50 (trops). August 11: WMBD-31, WTVH-19, WLAC-5 (trops). August 19: WTVP-17, WEHT-50, WSBT-22, WANE-15, WKJG-33, WSIX-8, WFIE-14 (trops)....The 4 new ones make the total 135.

I must try to make some excuses for my erratic typing; these summer colds are very aggravating, especially when my upstairs room is very hot-hot....HI....Let's be on the lookout for the last Es openings of the season; maybe we can fill another page for October's bulletin.

Let's all send our sympathies to Bill Meers; I've heard that sea-sickness can be quite trying. ——— This is the address to which Southern DXers may direct their monthly reports: Richard Bergen, III, 109 Woodlawn Avenue, LaGrange, Kentucky......

Welcone again to the pages of the AIPA bulletin -- as always, the Standards column is hot on the trail of some more conflicts.

The Case of Chicken and Counter-Chicken
In recent years a group of non-believers has arisen the consistently say, "I don't believe it -- It's impossible that he could have gotten that station." This little clique of people includes just about everyone at one time or another. We have read about a North Carolina Dier who received several high band west coast stations; we have seen and met Diers who claim to have received stations thousands of miles away by "umpteen-hop"; we have heard about people who say that they received stations which have been off the air for years.

Of course, some of these have been proved as hoaxes, but others still remain totally unexplained. We have to remember that DX in TV is freak and freak occurences do take place -- the usual among freak reception is regarded however, by some ask the colden rule. In other words, some people can't accept the fact that weird things can happen

in TV DX and go totally unexplained.

At the AIPA convention two years ago, several DXers mentioned to me that it seemed impossible that Double-Hop skip could be received in the midwest. I myself was in sincere agreement with this, since I had never heard of any exceptions.

A few weeks ago, I received an almost positive reception of MAPA ch.4 in San Juan, Puerto Rico. Double hop--yes, the distance is right ---but, will everyone accept it? I received Spanish audio mentioning San Juan several times; I received on the hour "cuatro en San Juan", which is translated fas "four in San Juan". The offsets also checked

positively. But still, there are some who will say that I must be wrong.

The problem concerning the "impossible" reception is that a new breed of DXers has arisen---the "chicken" breed, who are afraid to report what they actually saw. One DXer, it has been reported, received a high band HS burst from one of our southern states; he doesn't want to report it for fear of becoming placed in the focus of attention as a liar.

To combat this, the "counter-chicken" breed must arise. We should all try to fit into this category. To deny reporting an unusual logging is to deny yourself of due credit and also prevent us from uncovering new modes of propagation. To deny reporting is to deny progress.

Of course, if we aren't sure of the logging, we might as well not report it, or list it as tentative in big black letters. And if we are true liars, we don't belong in the AIPA, which is an organization dedicated to what we really see or hear and not what we can make up out of our heads.

There is a place for the DXer who claimed to receive KLEE TV after it was off the air. There is a place for the ex-AIPAer who lied about receiving ch.ll in Alaska and ch.13 in Los Angeles. Yes, there are places for DXers who are not DMers but frauds---but not in the AIPA.

MORAL-- AIPAcrs should be of the "counter-chicken" species at all

times when they know that they definitely and positively received a station.

Mhere in Blue Blazes Do We Heasure Fron? (cont.)
As was brought out last time, a number of Diers are in an uproar over (1) standards for measuring distances to stations (2) where we should measure from (3) should we count a station in the state where the transmitter is or where its identified market is?

Before this column or anyone else makes any decisions on this I would suggest that you all read King Schafer's editorial in this edition of the bulletin. Afterwards, if rulemaking is necessary, it can be accomplished through this column.

NEXT HONTH -- Hore delinquent signers, more on the mileage problem,

and something new: DXers pet peeves.

* Convention News Bits

Another convention has come and gone again and yours truly centainly enjoyed seeing and hosting to our AIPA visitors. It's a shame we only see each other once a year and then the time is so short.

Those in attendance were: Bedford Brown(Chicago); Dick Miller, Jim Hughes and another Detroit member(forgot his name) of Michigan; Wayne Flunkett of Weston, Ontario; Frank Wheeler of Erie, Pa; James Stodarfiht of Munster, Indiana; Walter Spauding(and family) of Ohio; Art Friese Of White Plains, N.Y.; Art Bollins .David and Dick Nieman, Dave Kanaar of Buffalo and Al Bull of Depew, N.Y. and myself of course, Several members who had hoped to be here were unable to make it for various reasons including transportation problems, unable to arrange vacations on such short notice, etc. Next year for sure the convention must be planned well in advance to assure good attendance, that is, dates and site. Our synpathies go to B.J. Bingham whose doctor would not permit him to make trip to convention.

Some highlights I must mention....various tapes heard...Dennis Smith...thanks, also tapes of Art Friese's, Spaulding's; trip to hillsnot much luck there TV wise...but FM was good...out to 430 miles (WCIM Chicago) and several distant low power stations. And, much to the delight of call... DX on both days of convention including skip on first. Skip included: KNOP2 KPRC2 KCKT2 KTWO2 KDIX2 KOTA3 KDUH4 KPLO6 KARD3 and lots of unideds. FM reception was also good with several new FMers logged here There were plenty FM sets floating around including Walter Spaulding's, Jim Hughes's (of WSWM).

All in all everybody seemed to enjoyed it and it was good getting together again. My only regret is that more could not be here. My thanks to all who were here and let's make it a big affair next year.

I will add a few bits of news here as I can think of.

Al Kopec of Himrod, N.Y. reports some good FM DX in late June-early
July...Florida on FM skip, etc... Note to Jim Hughes...heard & logged
your WSWM FM On July 30th and will report details to you Jim...soon.

FM has been good here lately...new stations daily, now using Finco
yagi on FM and what prence! Late verie in from WRFD FM in Ohio.

I really do enjoy F if music in general. Those who are not in
the FM field are re ssing something. That's all for now.

Bob Seybold

David Janowiak 108 Pleasant Street Joliet, Illinois

September, 1962

FM REPORTS

DENNIS SMITH out Wasco, California way added 2 new calls this report period. No FM E's has been noted to this date. 887, KUDU 95.1 Ventura, Calif. at 90 miles; 8-8 KAPP 93.5 Redondo Beach, Calif, at 125 miles, in the L.A. area. Equipment includes the Hallicrafters SX843 radio and Taco 10 element yagi. The only knowledge Dennis has of a new station is that of KUDU 95.1 Ventura, Calif. It is an AM-FM duplication, broadcasting programs of KUDU AM, power unknown.

HANK HOLBROOK, 4710 Edgemoor Lane #206, Bethesda 14, Nd, logged 3 new trops calls. His report: WHBI 105.9 Neward, NJ - WFPG 96.9 Atlantic City, NJ - WNOR 98.7 Norfolk, Va.

AL KOPEC of Hidden Acres NY, sent in a fine report. All trops unless otherwise not ed. 10-1-61 WLNA 100.7, NY 10-29-61 CKIC Ont. 99.5, WJER 99.5 Del. 11-11-61 CKCL 99.5, Ont., WFMZ 100.7 Pa., CHFI 98.1., 11-25-61 WCHN 93.9 NY, 12-16-61 WCSQ 89.3 NY, 12-26-61 WHDL 95.7, NY., WFLN 95.5, Pa., WCMF 96.5, ny., WPEN 102.9 Pa., WQXR 96.3 NY., 12-27-61 WGCB 96.1, Pa., 12-31-61a WDAC 94.5, Pa., WQXR 96.3, NY., WHAT 95.7 Pa., WFLN 1 96.5, Pa., 1-1-62 CFRB 99.9., 1-12, WCSQ 89.3, 1-13 WAER 88.1, 1-31-62 WFAH 92.1, 2-1 WRYT 96.1 WFLY 92.3 2-2, WAMC 90.3, WGFM 99.5, WHDL 95.5, CKUL 96.5, WRYT 96.1, 2-10 WCOP 100.7, 3-23-62 WDRC 102.9, 3-25-62 WRAK 102.9, VBRE 98.5, WPPA 101.9, CFMO 93.9, WGCB 95.9, WYZZ 103.5 3-26-62 WTTC 92.7, WJER 99.5, 3-28 WLOA 96.9, WJAC 95.1, WCED 102.1, 4-21 WUFM 107.3 5-19CKVL 96.5, CFCF 106.9 5-20 WDAC 94.5, 6-4 WDRC 102.9 6-4 WALK 97.5 WTIC 96.5, CFPL 95.9 6-29 WDBO 92.3, E's, WKIS 100.3 E's, 7-3 WOSC 104.7 7-30 WIEH 94.1 7-31 WLNA 100.7, 8-19 WIFE 103.3, 8-19 WPPA 101.9 Underscored stations are new stations for Al. Al has 145 FMERs to his credit, with 95 veries and 20 states. Thanks for the fine report.

BOB SEYBOLD of Fredonia, NY, reports that trops has been real good. I wonder where trops has been via TV-DX this year, Bob?? Anyway, Bob now has 179 FM calls to his credit, with 66 new this time. 7-25 WTOF 98.1, WBVP 106.7; 8-2 WVKO 94.7, WLEC 102.7; 8-6 WKSU 89.7; 8-8 VALT 99.9, WMRT 100.7 WSWM 99.1 WBCM 96.1; 8-9 WBMS 96.1 WLOA 96.9 WKRT 100.7 WSWM 99.1 WSWM 99.1; 8-11 WKNT 100.1; 8-12 WCIM 101.9 WEAW 105.1 KQV 102.5 WMAQ 101.1 WBBM 96.3 WEBH 93.9 WKNT 100.1 WHUN 105.7 WDDS 93.1 WRRD 105.1; 8-15 WPEL 96.5 WCLT 100.5 WMBI 90. WAMC 90.3 WILL 90.9 WBGU 88.1 WVNO 106.7 WDRK 106.5 WKOP 99.1 WOSU 89.7 WCOL 92.3 WSTV 103.5 WHIM 106.5 WJBC 101.5 WCIM 101.9; 8-16 WWHG 105.3 WMRT 100.7 WSWM 99.1 WINE 92.5 WKRC 104.9 WSTV 103.5 WSAI 102.7 WFMF 100.3 WKFM 103.5 WMBI 90.1 WCIM 101.9 WMAQ 101.1 WSEI 95.7 WSOY 102.9 WFBM 94.7 WHOK 95.5 WEBY 93.9 WLAV 96.9 WCOL 92.3; 8-18 WOMP 100.5 WKNK 97.3 WCLT 100.3 WBVP 106.7 WDRK 106.5 WVNO 106.1 8-19 WLYC 105.1 WWHG 105.3 WRRD 105.1 WRRA 103.7 WMGR 100.1 or 101.1 (serving central Penna, what city??) WKOK 94.1 WPEL 96.5 WHIM 106.5 WRUN 105.7 WKOP 99.1 8-21 WWRN 106.9 WCIM 101.9 WSBT 101.5 WSTV 103.5 WONE 104.7 WBLY 103.1 WFCJ 93.7 WFOB 96.7 WBBC 94.1 WOSI 89.7 WMBI 90.1 WKAR 90.5 WNVO 1061. WCLT 100.3 WDRK 106.5 WVKO 94.7 WLEC 102.7 8-22 WTVN 96.3 WOOD 105.7 WMBI 90.1 WAMC 90.3 WKWK 97.3 WMRT 100.7 WBBC 93.9 WPTH 95.1 CKTB 97.7 WJBL 94.5 WOSU 89.7 8-23 WCLM 101.9 WMAQ 101.1WSTR 103.1 WLAV 96.9 WOPA 102.7 WEAW 105.1 WXFM 105.9 WSMW 99.1. Best trops to date is WSEI 95.7, about 550 miles. Congrats on a fine DX month. Bob is a relativ beginner in FM-DX and he already has a good list of stations.

Bill Hauser, Enid, Oklahoma——Aug. 4 WBAY-2; Aug. 5 WBAY-2, WLWD-2, WBBM-2, WCIA-3(not previously seen via Ms); Aug. 11 WJBK-2, WBAY-2; Aug. 12 WBBM-2, WJBK-2, WBTV-3, WWJ-4(not previously seen via Ms), WBAY-2, WLWD-2, WLBT-3; Aug. 19 WUSN-2. Thanks alot for the nice report Bill.

B.J. Bingham, Festus, Missouri---June 4th and 5th WBAY-2m WBBM-2, WLWD-2, WGR-2, WKTV-2, WCBS-2, WLBZ-2, WFMY-2, WMAR-2. Thanks B.J.

Dave Swanson, Chicago, Illinois---June 4th WTAE-4; June 11th WTAE-4; July 13th WRC-4. Thanks alot Dave.

Dave Pomeroy, Overland Park, Kansas—June 10th WJBF-6; June 12th WLWD-2, WFMY-2; June 15th WT/E-4. Thanks for the report Dave. I believe thats the farst report you sent ne.

Bill Draeb, Kewaunee, Wisconsin—July 28th KOOK-2. Also a couple of unidentified TP's seen on channel 7 on July 18th. One TP was in perfectly but I didn't have the picture in sync.

I didn't do much Ms Dxing lately but I don't think I missed much. From the reposts recieved here the Persoid shower must have been a dud.

On Aug. 11th my tower was hit by lightning but nothing was damaged fortunately. I had my antennas disconnected and every thing was off and unplugged.

I was to Chicago last week visiting relatives and I picked up a new UHF converter. Its a Blonder Tongue BTU-2S. I works real well. I've seen the 3 South Bend stations every day new since I've had it. The path from here to there is across Lake Michigan which is ideal but still I think they're a pretty good catch at 208 miles. Right now they're in almost perfect.

The next really good neteor shower that occurs is on Oct. 9th which is the Orionids. I think there are a few minor ones in September though so check the list in the bulletin that I typed up a few months back and see. I would tell you but I don't have that bulletin handy right now and I don't feel like getting up to look all over the place for it.

I saw WWUP-10 Sault Ste. Marie, Mich. a few times. Sometimes they test early in the morning. I think they come on the same time as WWTV-9 since it is a sattelite of that station. I've seen them on several mornings with TP from about 0700-0800EST and sometimes they're on earlier testing or something.

So until next month(should I get enough reports) I will say 73's and hope you all see at least one new station this month.

Sept., 1962

Ferdinand S. Dombrowski Jr. 55678955, B-7-2, USATCA, Fort Knox, Kentucky

I got out of basic training at Fort Knox August 24, but I'm stationed there for another 8 weeks beginning 7 September. My electronics schooling didn't do me much good because they are sending me to cook!s school. Right now I'm home on leave; on the way home I stopped at the Louisville public library to catch up on my reading and look for some news for this column.

While I was down there I had hoped to visit the La Grange boys but it never came off. I'm hoping I can make it sometime during the coming 8 weeks altho I've heard we won!t get a pass until our 7th week.

One of the fellows at the Fort gets a newspaper from his home town regularly, and it appears that they have a new TV station there. Lima, Peru previously had channels 4, 9 and 13, but now programs are also listed for a ch. 2 station.

I suppose most of you are better informed on the "Telstar" satellite than i am, so I won't go into it here. Newspapers take up quite a

bit of our Army pay so very few people can afford them.

Paper work is now going ahead on the BBC-TV UHF network which is supposed to be in operation by mid-1964 according to one report. It will use the CCIR 625 line standards and some color will be telecast. There is still speculation if and when the ITA will get a UHF network, and more speculation about the possibility of dropping VHF entirely when the UHF networks are well established. This would certainly be a blow to us IDXers over here but there's nothing we can do about it.

NBC has offered free news and public affairs programs for 2 years to all countries just starting in TV. Countries mentionedare: Uganda, Kenya, Tanganyika, sierre Leone, (all in Africa), and Jamaica, Gibraltar and Aden. All are British possessions or former British colonies.

The German UHF network which began on a limited basis some time ago is temporarily suspended. They are still bickering over the ownership. The federal post office built the network but this was declared unconstitutional as I recall. Now the state governments and the VHF regional networks are fighting over it. Everyone wants a hand in it because it will be entirely commercial. The VHF system is mostly subsidized and income is inadequate. All-commercial TV would give the owner real income, maybe even too much as is the case of the ITV in Britain.

Switzerland now has 25 stations on the air, and more planned. The

25 are broken down as follows: 12 German, 33 French, 5 Italian.
In Canada, there is some news of new stations:

In Canada, there is some news of new stations:
Chicoutimi, Que., new independent French station, ch. 6, 68 kw, 431 aat.
Carlyle Lake, Sask.; CKOS-TV2; ch. 7, 92 kw.
Trois Rivieres, Que., CKTM-13, up to 162.5 kw from a 1323 tower.

That's all I found in "Broadcasting" magazine before the library

closed but I belive that's just about all of it.

Locally, I learned that Gene Posner sold his 51% of WXIX-TV for a token \$1 to the Sampsons who already owned 4%. The Sampson group owns a chain of appliance stores in Milwaukee, including the one where I bought my first used TV set for exclusive DXing.

Posner was in broadcasting here for many years, being a founder of WCAN-25, and what is now WMIL-radio. WCAN-TV was one of the most success of the early UHF stations in 1953, until CBS came to town and merged it with WOKY-19. Milwaukee had been a very hot UHF market until the original WXIX appeared, but that put UHF on the skids in my opinion, and it shows no signs of recovery. Perhaps educational WMVT-36 will help, but the new all-channel receiver legislation isn't likely to help very much until such time as all Milw. stations go UHF, and VHF is dropped. 73.5.

Dennis Smith 450 Poplar Ave. Wasco, California

September 1962

The lack of routine in summer around here is making the column a bit late this month, and we have been away from home off and on quite a bit lately, so I hope the stencil arrives on time for the September bulletin. If it doesn't, you'll know why.

DX fell off this last month; there was some Es here and there in the first half of August, but it seems to have left us by this time—and again, there was some trops in the Midwest at times. Es dates between July 20 and August 20 were as follows: July 23, 24, 27, 29, 30, 31, Aug. 3, 6, 8, 9, 10, 11, and 17.

Dave Pomeroy left on Aug. 20 on a vacation trip, but sent a DX report before he left. His DX occurred at the end of July and the first part of August, with poor conditions after that. His DX-- July 24: trops, WHO-13 WOC-6 Iowa, KGIN-11 Neb., WHBF-4 WGN-9 Ill., WISN-12 (455 mi) Wisc., WTVH-19 (Dave notes that WTVH identifies as ch. 19 Peoria & ch. 78 Ia Salle, ch. 78 being a translator of WTVH-19). July 25: MS, WBTV 3 NC. July 28: trops, KETV-7 Neb., KRNT-8 Iowa. July 29: Es, WUSN-2 SC, CBFT-2 Que, KID-3 Ida. July 30: Es, WTAR-3 Va., WSYR-3 NY, CBFT-2. July 31: trops, KFVS-12 KPLR-11 KMOS-6 Mo., KELO-11 SD, KUON-12 KOLN-10 KETV-7 KGIN-11 KMTV-3 Neb. Aug. 5: trops, KAYS 7 KTVH-12 Kans, KGIN-11 KETV-7. Aug. 6: trops, KGIN-11, KAYS-7 KTVH-12 KARD-3 KCKT-2 Kans. Aug. 7: trops, KTHV-11 Ark, KTUL-8 Okla. Aug. 8: trops, KTHV-11; Es, WDIQ-2 (Alabama ETV station that has changed call and moved to Dozier, Alabama--would this be considered new?), WESH-2 WEDU-3 Fla. WFMY-2 NC. Aug. 9: Es, WTIC-3 Conn, KDKA-2 Pa. If WDIQ gan be counted as new, his total is 118. Dave now has a new Wohlensak tape recorder and would like to hear from anyone by tape. It is 2-speed (3 3/4 & 7 1/2). He will be at Kansas University in Lawrence--new address will be 1528 Tennessee.

Bill Hauser was on a vacation trip toward the end of July, and between July 19 and 26 was in Leadville, Colorado, where he viewed some DX via the local CATV system with its receiving antenna on a 13,000-foot ridge. There was daily reception--often good--of KHPL-6 Neb. at 290 mi. before KRMA-6 sign-on. There was some Es--July 19 brought KNXT-2 Calif. -- it overrode rather weak local KTVR-2, and July 24 saw WHBF-6 Ga. and an unID-6. He was back in Enid for the following DX-- July 29: trops, KHOU-11 KTRK-13 Tex; Es, WTVJ-4 Fla, WTAR-3 WTVR-6 Va., WRC-4 DC, WUNC-4 WFMY-2 WBTV-3 NC, CKCK-2 Sask. July 30: Es, WBTV-3, WFBC-4 WUSN-2 SC, WSAV-3 Ga, WJXT-4 Fla, CJIC-2 Ont WSAZ-3 W.Va; trops, KERA-13 Tex. July 31: Es, WEDU-3 Fla. Aug. 3: trops, KHPL-6 (new--325 mi) Hayes Center, Neb, KWHT-10 Kans. Aug. 4: trops, KLBK-13 KCBD-11 KGNC-4 Tex, KANU(FM)on ch.8(harmonic) Kans, KSWS-8 N.Mex, KWHT-10 Kans, KGIN-11 Neb, KSOO-13 SD. Aug. 5: trops, KSLA-12 Ia. KFDA-10 KLBK-13 KVII-7 Tex. Aug. 6: trops, KROC-10 Minn, WGEM-10 Ill, KOMC-8 Kana, KHQA-7 Mo., KGIN-11 KOLN-10 KHAS-5 WOW-6 KHPI-6 KHOI-13 Neb, WOI-5 KRNT-8 Iowa; Es, XEZ-3 Queretaro, XEW-2 DF. Aug. 7: trops, KHAS-5 WOW-6 KGIN-11 KETV-7 KHOL-13 Neb, KVTV-9 KTIV-4 Iowa, KWHT-10. Aug. 8: trops, WFAA-8 Tex; Es, WESH-2 Fla., WUSN-2 WUNC-4, KDKA-2 WTAE-4 Pa., WLW-C-4 WTVN-6 (new--840 mi) Columbus, O., WBTV-3. Aug. 9: Es, CKVR-3 Ont, KTVU-2 KNXT-2 Calif, WWJ-4 Mich, KUTV-2 Utah, KLRJ-2 Nev, KTVK-3 Ariz, XEM-3 Mexicali. Aug. 10: Es, WBTV-3 WECT-6 NC, WUSN-2 WSAV-3, WTVY-4 Ala WESH-2; trops, KERA-13. Aug. 11: Es, XEWO-2 Guadalahara. Aug. 17: Es, WESH-2, KID-3 KBOI-2 Ida, KOTI-2 Ore. Bill received a verie from WKTV-2 (tentative on July 11), so his total, with WKTV and 2 new this time, is 278.

Eric Norberg of Carmel, California reports that since he put up his new Winegard Powertron (early July), his San Francisco stations are much stronger and viewable much more of the time, particularly the low band channels. He has been working at KHFR(FM) Monterey as an announcer (and he sounds good here in Wasco), so has not had a lot of time to DX. Here is what he has gotten—July 19: Es, KATU-2 (new-611 mi) Portland, Ore, KOMO-4 (new-752 mi) Seattle, Wash, KBOI-2 Ida, KREM-2 Wash. 2 new stations raise Eric's total to 46.

ATPA, September 1962 WESTERN Dr. continued Dennis Smith, Wasso, California Here in Wasco, California, yours truly's log doesn't look like much, but here it Es has been scarce, and I may have missed what little there was by being away from home at times. July 27: Es, unIDs. July 28: Ch. 77 Porterville, Calif. (new-40 mi. This is a new translator station for KLYD-17 Bakersfield, located on a high hill 22 ml. NNW of Porterville, with 1000 watts ERP. I'll find out call letters for next time Reception-poor to fair video, clear audio). Aug. 3: Es,unID Spanish station, ch. 4 (see CCI Column for details). One new station brings the log up to 116. Your editor had a chance to observe TV- and FM-DX in a couple of mountain locations in the nearby Sierra Nevada mountain range. One place was Camp Sierra, about 50 miles No of Fresno, at 4800 feet above sea level, and the other was Sequoia Crest, 40 miles east of Visalia, at 6900 feet elevation. My equipment consisted of my Hallicrafters SA-43 radio receiver, a recently purchased Blonder-Tongue BTU-2S UHF Converter, and a rabbit ears antenna. With this, I could receive FM broadcast stations with ch. 6 audio. and UHF TV audio. (Have you ever tried a ch. 5-6 IF UHF converter with an FM set?... It works!) Sequoia Crest was better than Camp Sierra, but neither was "ideal," in that there were some mountains that kept signals down. Camp Sierra is in a canyon, with the "open" end to the west being a 5500-foot mountain 10 miles away. You saw the results of FM-DX from there in the August FM-DX Column; I could also hear the audio of KSBY-6 at 145 mi., fair, and on UHF, audio of Fresno xmtrs KFRE-30 and KJEO-47 at 15 mi., clearly, and KMJ-24, over a 6000-foot mountain at 30 mi., weak. KUBW-8 Salinas, KNTV-11 San Jose, and San Fran. xmtrs were probably there, if I had equipment to receive them. Sequoia Crest is more in the clear, but mountains to the neath and south made mountain xmtrs ghosty on the rabbit ears; however, there was visual line of sight to several other points. You will see the results of FM iron there in the October FM-DX Column--and on TV audio, KSBY-6 at 130 mi. was very strong and clear, and comparing to the FM reception, I expect that KSBW-8 AND KNTV-11 were also strong, and signals from San Francisco TV. On UHF, the following stations were of fair strongth but quite ghosty because of mountains in between: KICU-43 Visalia 35 mt., KBAK-29 & KLYD-17 Bakersfield 50 & 55 mi, KMJ-24 KFRE-30 & KJEO-47 Fresno 60, 75 & 75 mi, all with hill or mountain xmtrs in the same range in which I was DXing. Also, ch. 77 Porterville at 25 mi. was weak. Two UHFers were clear and strong, because their xmtrs are not up in the mountains: KDAS-21 Hanford at 55 mi. and KAIL-53 Fresho at 75 mi. Camp Sierra reception was July 11-18; Sequoia Crest Sept. 1.

A new station is scheduled to start programming on Sept. 15--KMEX ch. 34 Los Angeles. It will be an ell-Spanish station, with programs by film and tape from Tolegastema headquarters in Mexico City. The owners are not worried about the lack of previous commercial UHF operations in Los Angeles, because they feel they have something to offer a specialized audience, and Los Angeles has a sizeable Spanish-speaking population. Xmtr will be on Mt. Wilson, and ERP will be 101 kw.

Any of us who have tape recorders know the pleasure of corresponding by tape, and many Alphars know that this brings us closer together. I have a recorder, and tape to such DKers as—B.J. Bingham, who always has interesting news of his and others' DKing activities; Bill Hauser, with his interesting activities in DX; Dave Crockett, with his varied news and enjoyable music; our president Art Collins, whose different kinds of music are well received; and Eric Norberg, who is able to use the professional facilities of KSPC (FM) Pomona College in making his tapes. I have also taped in the past to Dee Johnson, Ed Hepp, Walter Spaulding, Morris Foote, Tom Hidley Eill Hider, Allen Preston, Ferdinand Dombrowski, Phil Jacobs, & Bryan Rawlings. B.J. tapes to many DKers; my list is small compared to the boys B.J. corresponds with, both by letter and tape.

It appears that after I graduate from college this coming June, I will be joining your IEX editor in Uncle Sam's club--either the Army or Navy--so I probably won't be able to continue with the Western DX Column after that. I would like to hear from any of you westerners who might like to take over the column sometime between now and May.

To any of you who have been waiting--and wondering--I have been informed that the #4 issue (1962) of Jones Listings for radio & TV will finally be ready September.

I will be off to college in mid-September; address still indefinite, so mail reports to Wasco address; they will be forwarded.

AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION SEPTEMBER 6, 1962 CO-CHANNEL INTERFERENCE. by Bedford Brown, Jr., 6141 South Mayfield, Chicago 38, 111. letin, as I shall be on vacation during the latter part of September and the first part of October to about the 12th. You can send them to your editors (eastern, western or southern), or hold them until October 15th. My trip will be through Minneapolis and Pargo to Winnipeg, then Regina, Calgary, Banff, Lake Louise, Vancouver, Victoria, Seattle, Portland, Sun Valley, Yellowstone, Denver, Omaha, and Des Moines, with most of my time spent in Banff Nati Park, Vancouver, and Seattle. Since most of my trip is by taain, boat, and in cars with friends, I don't think I'll be able to look up many of you on the way, but I'll try. Now on to unidentified programs for this morth. UNITED PROGRAMS (ALL TIMES ARE EASTERN STANDARD TIME UNLESS OTHERWISE SPECIFIED.) Ball Hauser, 1312 West Oak Avenue, Enid, Oklahoma 1. July 12 7:30pm ch.3 large letters which looked like KNOX, possibly ad for KNOX Grandine, as KNOX-10 in N.D. says they have no relay on ch.3. (dxed by Bill in Fnid) 2. fully 24 5:10pm-5:42pm ch.6(via Cable TV, Leadville, Colo.) 5:10pm-Popeye Theatre; 5.15 Rags the Tiger; 5:24 Kellogg's; 5:25 Yogi Bear; 5:37 and 5:42 Kellogg's. WEEF-6 also seen, 5:29-5:30 P.M. (Aso does anyone know where Valley Farms dairy is heded) Jim N. Pizzi, 82 Van Bergh Avenue, Rochester 10, New York 1. aug. 2 8:05pm ch.8 trops movie of late 20's or early 30's 6 9:00am ch.3 E-skip end of "Capt. Kangaroo" with "Oh Susanna" at 9:01am. 8 1:45pm ch.2 E-skip end of noon report with Cola advertisement h. aug. 10 8:04am ch.3 E-skip WJFQ or WJFU?? station break in Today show with WPRC-2 and WLBT-3 being seen simultaneously. 5. aug. 2 8:00pm ch.8 trops movie of late 20's or early 30's, woops, u sent that twice, Jim, ha, thanks for the reports, anyway, BB. Gary Olson, 35 Lake View Lane, Barrington, Illinois 1. june 15 6:05pm ch.4 Es sw dancing show with kids dancing to a live combo, man with Mexican hat was the emcee. 2. july 5 6:33pm ch.4 Es add for Handy Andy Stores 3. july 5 6:34pm ch.4 Es live ad for tv set selling at \$169.95. 4. july 5 7:00pm ch.6 Es ad for Haley's MO, followed by Dean Orton and the News with a map of Texas behind Orton. (Which ch.6 in Texas was this one???) 5. july 9 6:Olpm ch.3 Es ne movie-"Farewell to Birdie McKeever"began starring Marilyt Erskine, that's Marilyn Erskine!! 6. july 10 11:05pm ch.13 trops s ad for Rise followed by news(news mentioned Greenville Is this possibly WLTV?)(Greenville, Ky. is about 45 miles away..BB) 7. july 15 4:15pm ch.3 Es Test pattern received, white 3 in center, call and city in squares at upper left and lower right. (WEDU perhaps??) 8. july 16 4:54-5:00pm ch.4 Es s western movie in English about the Shadow. "Stop Forest Fires" promo at 5:00pm mixed with Spanish audio from WAPA. 9. aug. 5 1:19am ch.10 trops sw (large thin call letters-looked like WWIE, or similar, then NAB Seal, sign-off, and national anthem.) 10. avg. 5 1:21am ch.11 trops nw national anthem after sign-off. 2:05cm ch.8 trops e religious message-followed by sign off shortly after. Dennis Smith, 450 Poplar Avenue, Wasco, California 1. Friday, August 3, 8.05 to (9:30pm, ch.4 Es, probably from Mexico. appeared to be zero offset, as the Spanish-speaking station was only 600 cycles off local KRCA(zero offset)'s video beat-or in musical terms, the 2nd E-flat above middle C on the piano. It did not waver at all. Program material was as follows: 8:05pm:a piano playing march-type music, and every few minutes or so, some children would yell something as if cheering, like a cheering section, and it sounded like the same phrase each time they yelled. Every several minutes, a woman announced something. All this (with the plane going constantly) continued until 8:28, at which time there appeared to be an ID, which consisted of the slide accompanied by singers probably singing the call letters. Following this was a commercial to 3:31pm, when another program started. This sort of daytime drama type or serial program was either live or

on video tape, not film. Several commercials during this half-hour program included a toothpaste ad at 8:36, an add 8:44 and 8:45(for Con Lavanda), and an add at 8:53pm. The show finished with credits at 8:57, then came add at 8:57, one for Pepsi(hits the spot jingle) 8:58, another for Alka Seltzer, then Nescafe 8:59pm, & others \$\frac{17}{17}\$ and \$\frac{1}{17}\$ and \$\fr