

JOURNAL OF THE

American Ionospheric Propagation Association

"AIPA Leads the Way"

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WORLD WIDE FEE \$300

ADDRESS CORRESPONDENCE TO PRES.

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SAMPLE ISSUE 25c

Well, here's your February issue at last. I guess everything that could happen has happened on this one. Art and I were both sick, so it took some time to get shipping arrangements made, and then quite a bit of additional time for that hundred pound machine to arrive. When it did get here, I got a letter from Peter Koch saying he had the bannerhead you see above ready for shipment, so we waited a few days to have that on this issue.

I guess the obvious thing for me to do would be to tell you something about myself, but first I want to thank Peter Koch for his fine printing job on our first page. We hope to see a lot of our mimeographed work enhanced by his press, we even have plans for a member's letterhead.

As for myself, I am a meager 86 station DX'er with a Philco 19" portable and a forty foot tower. Corsicana is located about sixty miles south of Dallas, and is becoming quite an industrial center for its size of 25,000 people.

We want to welcome a new member this month:

Robing Gladstone,
Box 329,
Harriman, N.Y.

You new york boys have really got us southerners outnumbered.

If you have time, give me your views on a general DX column for those slow Winter months that would cover all modes of DX, trying to emphasize the unusual. I've got somebody who would write it, if enough people want it.

Notice two columns of Ferdinand Dumbrowski's, one of them was too late for last copy.

You will receive your March issue about mid-month, and then the April issue should put us back on schedule.

Thanks to those who wrote, especially Bedford Brown and Donald Ruland, I'll try to answer those. 73's Grady.

MISCELLANEOUS RAMBLINGS

and
CANADIAN NEWS

Jim Dillon,
2115 Colfax Ave.,
Regina, Saskatchewan.

item # 4 RECEPTION of CANADIAN STATIONS in 1962

The following facts have been compiled from the bulletin issues of January through December of 1962.

- Canadian stations received in 1962 and number of times logged:

CBWT-3	16	CKVR-3	9	CJCH-5	3	CFCN-4	2	CJCB1-6	1
CKPR-2	16	CHCT-2	8	CJOH-13	3	CFCF-12	2	CJCN-4	1
CKCK-2	14	CJIC-2	8	CJON-6	3	CKX-5	1	CHAT-6	1
CBWT-2	12	CJBR-3	6	CBUT-2	2	CJFB-5	1	CBXT-5	1
CKCW-2	11	CKCO-13	5	CKRN-4	2	CHAU-5	1	CBWT-6	1
CBWT-3	11	CFCL-6	4	CHCH-11	2	CHBC-2	1	CBMT-6	1
CHSJ-4	10	CHSA-2	4	CBLT-6	2	CJCB-4	1	CHAB-4	1

As might be expected, the low channels dominated reception. Also of note is the reception concentration on the CBWT Winnipeg focus. From here, a decreasing concentric theory appears with CBWT flanked by CKCK and CKPR. Another concentration is noted in the Atlantic provinces with CBWT, CKCW, and CHSJ having near equal totals.

A few surprises in the list include CKCO 13 Kitchener. In contrast, one would have expected stations like CFCL-2, CBUT-2, CFRN-3, CBOT-4, CHCT-2, CFCN-4, CHEK-6, to be more dominate. However, we must realize that none of the lists on this page present a full story. I am sure many more AIPA'ers received Canadian stations than were reported. This year, let us keep our respective editors overworked by sending in every single instance of reception.

The best reception dates re: Canadian stations were:

by month-	July	59 reports	by day-	July 18	21 reports	June 15	8 reports
	June	49		May 19	19	July 5	8
	May	41		July 9	19	July 6	7
	Aug.	7		June 12	10	July 10	6
	Jan.	7		May 9	8	May 23	5

The best locations:

by city:	Enid, Okla.	44 reports	by state:	Okla.	44 reports
	Okauchee, Wisc.	22		N.Y.	28
	Monroe, Ia.	17		Wisc.	27
	Rochester, N.Y.	15		Ia.	17
	Barrington, Ill.	9		Ill.	16

In total, there were 165 reports of reception from 23 locations. 35 Canadian stations were received on 51 different days.

Now that I have my new address, PLEASE send along your comments on last month's ideas, with your totals and percentages.

73's from the cold Canadian prairie west,

Jim Dillon

The December bulletin, King's letter and my Dec. # column returned for illegible address all arrived in today's mail, 9 Jan. I used washable ink on the envelope of the column and it washed off. Too bad but that's the way the cookie crumbles.

I did some DXing of the upper VHF-TV band on 28 Nov. and seeing as how the receiver is calibrated in Army "G" band radio channels it took a while to look up the corresponding frequencies. The farthest of the 6 or so stations received was in Unselsberg, East Germany about 80 miles away. I spent an evening in the VHF radio relay and carrier trucks up on Wurzburg's "Signal Hill". Now that I am a full VHF operator, having just completed the schooling, I will get some time with these receivers altho not as much as I would like. But the situation should pan out OK when I get a TV set in Wurzburg. It's top priority on my list now.

I finally found an electronics magazine on the news stand but it was in Vienna, not in Germany. It is quite small compared to the big American magazines of the same type and with a similar price tag. But I'm still looking.

The Army newspaper "Stars and Stripes" yesterday had a small piece about the French UHF TV network beginning in April, 1964. See last month's column.

Now back to the EBU list:
ALBANIA: ch. R2 in Tirana, 20 w.

Germany, West: major stations only; stations under 5kw not included:

Aachen 24, 200kw; 37, 500kw.	Hoher Meissner 7, 100kw.
Aalen 8, 20kw.	Hornisgrinde 9, 100kw.
Augsburg 23, 500kw.	Kaiserslautern 22, 25kw.
Aurich 33, 500kw; 53, 250kw.	Kassel 35, 100kw.
Baden-Baden 31, 330kw.	Kiel 5, 5kw; 35, 250kw.
Berlin 7, 50kw; 33, 500kw.	Kleve 22, 60kw; off the air now.
Biedenkopf 2, 50kw.	Koblenz 6, 50kw; 31, 100kw.
Bielefeld 33, 500kw.	Koeln (Cologne) 11, 5kw.
Bonn, 25, 100kw.	Kreuzberg 3, 100kw.
Bremen 2, 100kw; 22, 50kw; 33, 250kw.	Jungenberg 3, 100kw. (40kw.)
Brotjaecklriegel 7, 100kw.	Lingen 24, 35kw; later 500kw; 41,
Bungsberg 21, 250kw; to 500 later.	Minden 26, 100kw; later to 250kw.
Curhaven 24, 330kw.	Munich (Munich) 35, 250kw.
Dannenberg 43, 150kw.	Munster 32, 250kw; 21, 250kw.
Dillberg 6, 100kw.	Niebull 34, 200kw.
Donnersberg 37, 330kw; 13, 100kw.	Nurnberg 34, 250kw.
Dortmund 25, 500kw.	Ochsenkopf 4, 100kw.
Dusseldorf 29, 500kw.	Raichberg 4, 40kw.
Eifel 23, 20kw; up to 50kw later.	Ravensburg 37, 500kw.
Feldberg 8, 100kw.	Rottweil 35, 300kw.
Flensburg 4, 50kw; 39, 250kw.	Saarbrucken 32, 500kw.
Freiburg 32, 500kw.	Saarlautern 31, 20kw.
Fulda 26, 200kw.	Schleswig 26, 100kw.
Gittelborner Hohe 2, 100kw.	Spessart 35, 250kw.
Frankfurt 8, 100kw; #### 34, 500kw.	Stuttgart 11, 100kw; 26, 300kw.
Gruntzen 2, 100kw.	Teutoburger Wald 11, 100kw.
Haardtkopf 25, 200kw; 35, 200kw.	Torfhaus 23, 500kw.
Hamburg 9, 100kw; 30, 250kw.	Trier 37, 50kw.
Hannover 8, 5kw; 24, 500kw.	Uelzen 27, 500kw.
Harz-West 10, 100kw.	Waldenburg 9, 100kw.
Heide 10, 25kw.	Wannenberg 28, 5kw.
Heidelberg 7, 50kw; 27, 500kw;	Weinbiet 10, 50kw; 6, 30kw.
Hof 23, 200kw. (50, 500kw.)	Wendelstein 10, 100kw.
Regensburg 21, 500kw.	Wuppertal 22, 100kw.
Hohenpeissenberg 25, 100kw.	And last but not least Wurzburg 25, 250
Hoher Bogen 55, 500kw.	kw. Ch.10 here is only 2kw. 73's.

It appears that the type is a little smaller on this typewriter than on regular American machines, but this is a German typewriter although it has an English keyboard, not a German one. But its a real dandy of a machine. It belongs to the writing room of the Service Club here at Lengries, Germany near the Austrian border south of Munich. I arrived here yesterday from Wurzburg, my permanent assignment, at 123rd Signal. I am to be down here for a 6 week school in VHF radio relay and carrier. Its not really what I want but its a lot closer to TV repair than my previous job, cooking. When I arrived in Wurzburg 17 Nov. they assigned me to this signal outfit as a cook with the understanding that I could later be trained in an electronics specialty nearer to my abilities, taking into consideration my electronics schooling in civilian life. I cooked less than 4 days before I was pulled out of the mess hall. And now here I am in the U.S. Army Signal School.

A native told me yesterday there aren't any good magazines here and I'm inclined to believe him. I haven't seen a TV-electronics magazine here yet, in my 2 weeks in Germany. Maybe I can go to Munich next weekend and see what they have on the newsstands and in the library. There are several magazines of the TV Guide format but they aren't the type I want, like our servicemen's and experimenter's magazines in the states. However, I did get some information in the states before coming over here, so here it is:

1. The first color TV experiments in the Federal Republic of West Germany are due on the air at this time. I haven't seen enough TV here yet to testify whether they are or not. The experiments would probably begin up north anyhow. I believe Hamburg is the TV capital from what I've seen.
 2. Speaking of color, I see ABC started transmitting color test signals in the states on 2 July. The loss of "Walt Disney Presents" was too much I guess.
 3. Korea has its 2nd TV station. A sergeant at Fort Knox told me they did and I found a Korean magazine which confirmed it. The new government station of the YBS system is HLCR-TV which began in Dec., 1951. No channel indicated. American standards, of course, just like the old station HLCR-TV, which began May '56.
 4. Wireless World in an article earlier this year mentions channels 34 and 44 in London will be 160kw each. These will be in the new UHF network of the BBC due to begin in late 1963 or so.
 5. Belgium, Spain and Norway are also talking about another network but no details.
 6. Also in Britain, it is planned that it will take 10 years to eradicate the 405 lines system under present plans of a gradual changeover. The new BBC-UHF network will be on 625 lines using the same channels as on the continent, at 8 mc spacing beginning with ch.21 at 470 mc. All TV sets for sale in Wurzburg are VHF-UHF receivers, and receive channels 12 and 22 now. Programming is lousy but they want it anyhow. Back to the subject of Britain again, at the end of the 10 years, the VHF standards will also become 625 lines, since the the UHF programming will have been duplicated on UHF long enough so that virtually all TV sets in use will receive 625 lines.
 7. Sierre Leone put its first TV station on the air in Aug. on CCIR standards.
 8. There's more TV in Nigeria now, too. Added to the previous commercial stations, a new commercial station went on the air in March at Kaduna, and the federal government put ch.10 on the air at Lagos. They plan more at Enugu and Kaduna.
 9. TV Kenya began in Oct. at Limuru near Nairobi, 11 mi. NW. Band I, 625 lines.
 10. TV in Malaya is to begin within 18 months at Kuala Lumpur with 2 stations, and more later. It will have limited commercials, Bands I and III, 625 lines.
 11. CHAB-4 in Moose Jaw, Sask. will join the CBC network. CKCK-2 plans to build a satellite nearby to enable local residents to continue to receive the CBC.
 12. There are reports of a new station in Port-of-Spain, Trinidad on ch.2 but I haven't been able to get much definite evidence. CBS has a hand in it somehow, but I'm not sure if its on the air yet.
 13. Japan and Britain now have 12 million receivers each, West Germany 6.7, Canada 5, Italy 3.3, Australia 1.5, and there are 5 million in Latin Amer. outside Brazil
- Thats all this month. I hope the AIPA is still here next month. Come on fellas!!!!

Amidst the bitter cold of this winter, we shall endeavor to prepare another chapter of ALPA Standards for your reading pleasure!

More Delinquent Signers

Yes, we've found them -- Frank Wheelat's delinquent verifiers. Below are listed Frank's unco-operative stations:

WEDU ch.3 Tampa, Florida
KTWO TV ch.2 Casper, Wyoming
CJON TV ch.6 St. Johns, New Foundland
WTVY ch.4 Dothan, Alabama
WTOM TV ch.4 Cheboygan, Michigan
KMID TV ch.2 Midland, Texas
WFIL TV ch.6 Philadelphia, Pennsylvania
RFSA TV ch.5 Fort Smith, Arkansas

For you newcomers to the column, delinquent signers are stations which do not reply to your request for a verification. They are listed here in hopes that the right signers can be sent to those who need them, and the list of full-time non-verifiers can be pinned down.

Shorts from the Standards Column

---A state educational TV network of nine stations is being planned for Illinois according to Broadcasting magazine. The proposed stations will be linked up with the present outlets in operation: WTTW, WSIU TV, and WILL TV.

---The new WLRW (FM), 94.5 mc., in Champaign, Illinois, just took the air a few days ago. They are already broadcasting in FM stereo and plan to go 24 hours a day. If you receive them, they will verify by QSL card. Their address is WLRW, 2014 Skyline Drive, Champaign, Ill.

I recently spoke on the phone to Mr. Conrad, Director of Operations for WLRW. He said that one unusual feature of the new station is that it is staffed by several handicapped people from the University and the Champaign area.

---The new Jones Log was finally received (at last!) It looks better than ever.

---The record reception for WILL TV, which was mentioned last month, has been traced to Lexington, Mississippi -- a distance of about 505 miles. This beats the old record by quite a margin.

---Chicago will get its first UHF station this coming May. Channel 26, WCIU, will be devoted to programming for Negro and other special interest groups. Approximately eight hours of programming a day is planned for the new station.

Please note the new address for me at the top of the page. This address will be permanent for the next year. Please do not use the address which was printed in last month's bulletin.

Until next time---

Best DX and 73's

Gary

REVISION CH. 10 TELEVISION RECORDS AND RANKINGS OF MEMBERS

CALL LETTERS	LOCATION	DISC.	MEMBER	STATE	POINTS
WBIA	Birmingham, Ala.	No Record	R. Seybold	N. Y.	374
WALA	Mobile, Ala.	900 DG	B. Brown	Ark.	351
KOOL	Phoenix, Ariz.	No Record	E. Nieman	N. Y.	289
*KTVE	El Dorado-Monroe, Ark. La.	400 BHa	F. Bingham	Mo.	280
KERO	Bakersfield, Cal.	45 DSm	B. Hauser	Okla.	282
KXTV	Sacramento, Cal.	234 DSm	B. Draeb	Wisc.	280
KOGO	San Diego, Cal.	220 DSM	F. Dombrowski	Wisc.	278
KREY	Montrose, Colo.	No Record	D. Janowiak	Wisc.	263
WIST	Miami, Fla.	No Record	D. Nieman	N. Y.	247
WLBW	Miami, Fla.	No Record	B. Meers	Ky.	244
*WALB	Albany, Ga.	545 BBn	B. Eckberg	Ill.	235
*WGEM	Quincy, Ill., Mo.	650 RS	G. Olson	Ill.	213
*WTHI	Terra Haute, Ind.	610 BHa	C. Howington	Ohio	210
*KWHT	Goodland, Kans.	345 BHa	J. Farillo	Ohio	199
*KAKE	Wichita, Kans.	1000 RS	R. Foster	La.	170
KLFY	Lafayette, La.	710 BJB	F. Wheeler	Pa.	166
*WILX	Lansing-Onadaga, Mich.	510 BJB	D. Johnson	Wash.	156
*KROC	Rochester, Minn. (Tie) AC	675 RS	B. Bergen	Ky.	135
*KTTS	Springfield, Mo.	335 CD	D. Kanaar	NY.	132
KOLN	Lincoln, Neb.	1300 BD	D. Swanson	Ill.	130
KTEN	Ada, Okl.	750 DJa	A. Friese	N. Y.	126
KSTF	Scottsbluff-Gering, Neb.	820 DJa	V. Schroeder	Ill.	120
WTEN	Albany, N. Y.	250 NE	F. Cox	Cal.	119
*WHEC	Rochester, N. Y.	250 BR	D. Tomeroy	Kans.	118
WVET	Rochester, N. Y.	143 FW	D. Smith	Cal.	116
KNOX	Grand Forks, N. D.	530 BD	W. Eurritt	N. Y.	109
KMOT	Minot, N.D.	205 JD	M. Foote	Ida.	105
*WBNS	Columbus, Ohio	660 BBn	G. Girard	Queb.	101
KTEN	Ada, Okl.	No Record	A. Konec	N. Y.	101
KOAF	Portland, Oreg.	No Record	J. Pizzi	N. Y.	86
*WFBG	Altoona, Pa.	890	G. Harris	Ida.	84
*WCAU	Philadelphia, Pa.	1027 BBn	W. Hider	N. Y.	76
WJAR	Providence, R. I.	530 CH	B. Brown	Ill.	68
WEIR	Knoxville, Tenn.	619 BD	R. Italiano	N. Y.	63
WIS	Columbia, S. C.	No Record	E. Norberg	Cal.	47
WKNO	Memphis, Tenn.	670 BD	A. Vanatta	Cal.	52
KZTV	Corpus Christi, Tex.	1000 DR	E. Walter	Utah	36
*KWTX	Waco, Texas (Tie) R.I.	1375 BHi	Best Gain-B. Hauser & R. Seybold-4		
WAVY	Portsmouth, Va.	595 DR	Average No. Stat. Rec.-167		
WSLS	Roanoke, Va.	663 BD			
*WMVS	Milwaukee, Wisc.	365 BM			
KWRB	Riverton, Wyo.	No Record	Channel 10 Record Holders:		
WBNB	Charlotte Amalie, V. I.	No Record	B. Draeb-5		
CHCA	Banff, Alta.	No Record	B. Brown-4		
CHCA	TV1 Coronation, Alta.	No Record	B. Hauser, D. Smith,		
CJOX	Argentia, Nfld.	No Record	R. Seybold, B. J. Bingham		
CFPL	London, Ont.	740 BJB	D. Janowiak-3		
CKGN	North Bay, Ont. (Tie) CB	500 DJa	A. Collins, D. Ruland-2		
CFTM	Montreal, Queb.	No Record	N. Erint, B. Rawling, J. Dillon, C. Howington, B. Meers, R. Italiano, B. Hider, C. Dabelstein, F. Wheeler,-All 1.		

*New since last listing.

Frank Wheeler, 6589 Wattsburg, Road

Sorry members (Hauser, Seybold, and Draeb) who sent or had other new records on other Channels, but no room this time, they will be in for sure next month unless others beat them

Next month may have revised Ch. 11 Records and other new Records on other Channels.

Get your new records to me no later than Feb. 23, 1963.