

VHF-UHF DIGEST

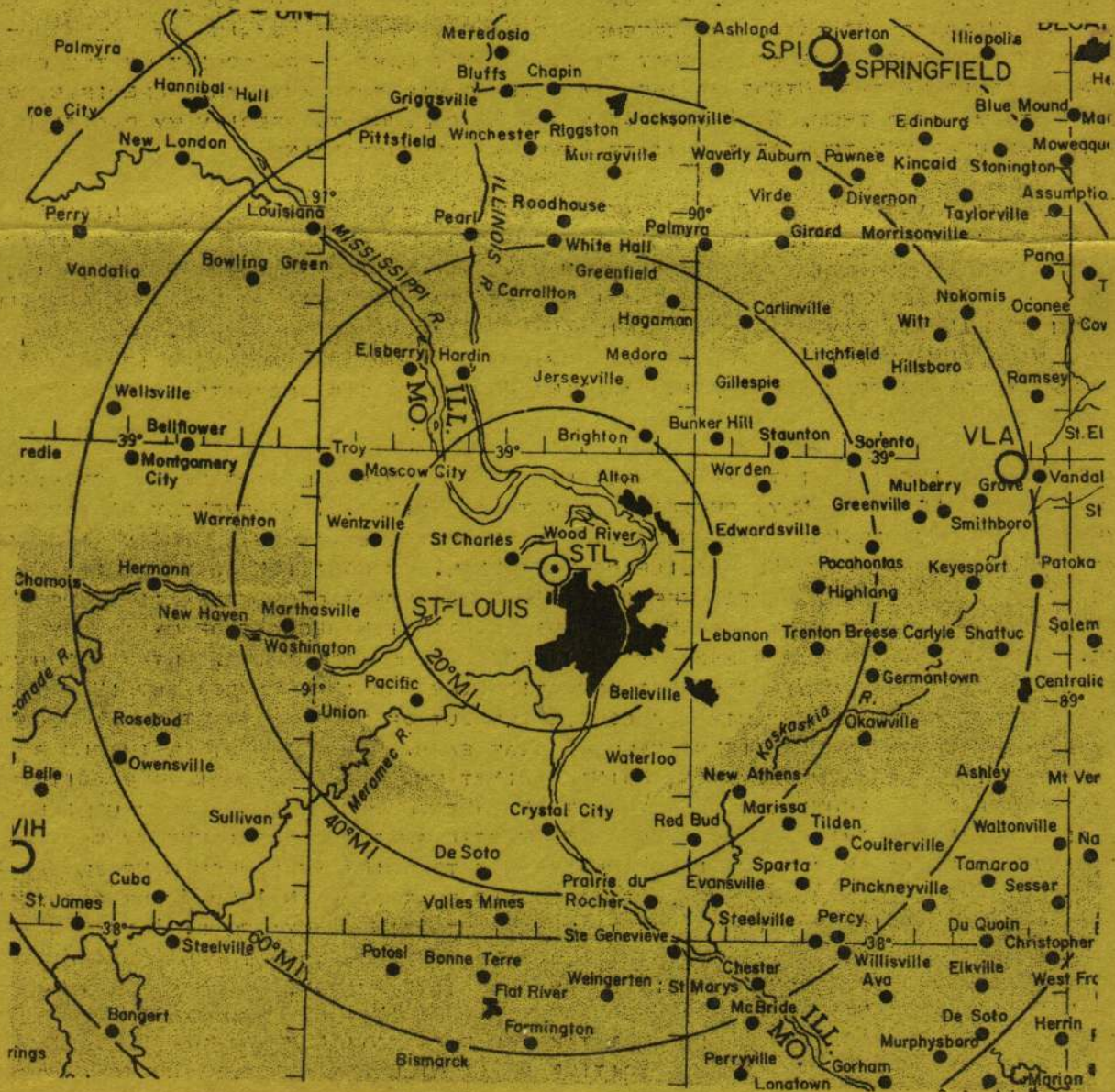
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U.S. DEPARTMENT OF COMMERCE

ESSA-1

dec. 71

Station KSC-43 Freq. 162.55 MHz

ST. LOUIS BROADCAST AREA



ON 26 NOVEMBER, 1971, A MAJORITY OF THE HQ STAFF APPARENTLY VOTED TO MOVE ALL HQ ACTIVITIES, INCLUDING PUBLISHING, TO ILLINOIS. EFFECTIVE DATE OF THE MOVE WILL BE 1 JANUARY, 1972. ACTUAL PUBLISHING MOVE MAY OCCUR EARLIER BUT MAIL WILL GO TO THE NEW ADDRESS EFFECTIVE 1 JANUARY. THE PRESIDENT/PUBLISHER/TREASURER DID NOT AGREE WITH THE COMPLETE MOVE (HAVING OFFERED ONLY THE PUBLISHING ACTIVITIES TO BE MOVED ELSEWHERE), AND WAS SUBSEQUENTLY VOTED OUT OF ALL THREE POSITIONS HE NOW HOLDS. THE NEW PUBLISHER ON THE ABOVE NOVEMBER DATE INSISTED THAT HE WUD TAKE ALL OR NOTHING, AND INSISTED ON AN ANSWER THAT VERY DAY. NO HINT OF SUCH AN ULTIMATUM WAS GIVEN UNTIL A FEW DAYS BEFORE, AND THEN ONLY A HINT, SO BEING BACKED UP AGAINST THE WALL, THE CURRENT PRESIDENT ACCEDED WHEN IT WAS OBVIOUS HIS POSITION CUD NOT OBTAIN A MAJORITY AND WAS THEREFORE DOOMED TO EVENTUAL FAILURE.

IN EARLY 1971 I ANNOUNCED TO THE HQ STAFF THAT I WUD RELINQUISH THE PUBLISHING ACTIVITIES BY THE END OF THE YEAR. I HAD INDICATED ALREADY IN 1970 I WUD LIKE TO GET RID OF IT BUT NO ONE OFFERED SO IN 1971 I PUT IN THE FORM OF AN ULTIMATUM TO FORCE THE ISSUE. GARY OLSON AND MORRIE GOLDMAN DECIDED TO TAKE OVER THE OPERATION, ASSUMING MORRIE WUD BE OUT OF THE ARMY BY THEN. WHEN HE WAS NOT CALLED FOR ACTIVE DUTY UNTIL LATE SUMMER, GARY DECIDED TO TAKE IT ALONE UNTIL MORRIE RETURNED IN EARLY 1972. GARY GAVE UP HIS MAILBAG AND FCC COLUMNS TO PREPARE FOR THE CHANGEOVER, HE SAID. HE WAS NEVER IN DIRECT CONTACT WITH HQ THEREAFTER, NOR DID HE VISIT HQ AT ALL IN 1971 UNTIL 26 NOVEMBER. UNTIL ABOUT A WEEK BEFORE, HE NEVER EVEN HINTED AT THE ULTIMATUM PRESENTED ON THAT DATE. I WAS NOT AGAINST AN EVENTUAL COMPLETE MOVE OF HQ, BUT I PRESUMED THAT HE WANTED A PHASED SHIFT AFTER THEY HAD BECOME PROFICIENT AT PUBLISHING ACTIVITIES, (WHICH NEITHER HAS EVER DONE BEFORE). A FORMAL ANNOUNCEMENT OF THE PUBLISHING MOVE WAS MADE AT THE AUGUST CONVENTION, AND THE SUBSEQUENT SEPTEMBER WUD HQ COLUMN. THE STAFF INSISTS THEY ALWAYS UNDERSTOOD I WANTED TO MOVE HQ AND PUBLISHING TOGETHER, WHICH WAS THE FARTHEST THING FROM MY MIND. MY NOVEMBER HQ COLUMN LEFT THE DOOR OPEN FOR SUCH ACTION EVENTUALLY BUT INDICATED NO DATE. MY SEPTEMBER COLUMN MENTIONED NOTHING AT ALL ABOUT SUCH A MOVE BECAUSE IT HAD NEVER COME UP AT THAT TIME. I DON'T HAVE A TRANSCRIPT OF THE CONVENTION RAP SESSION TO DECIPHER THE INTENT OF THE STAFF MEMBERS IF THEY WERE THAT SPECIFIC, OR IF I SAID ANYTHING TO MISLEAD THEM. SO I HAVE ONLY TWO HQ COLUMNS TO SPECIFY MY POSITION AND NO WRITTEN EVIDENCE UNFORTUNATELY OF THE STAFF MEMBERS' UNDERSTANDING.

THE QUESTION VOTED UPON AT THE NOVEMBER MEETING WAS "WILL HQ AND PUBLISHING BE MOVED TOGETHER TO ILLINOIS?" OR "WILL THE CLUB CEASE TO EXIST?" (THE LATTER WAS NOT MY WORDING SINCE I RENEGGED ON MY ULTIMATUM RATHER THAN MOVE EVERYTHING TOGETHER TO ILLINOIS, WHICH I VIEW AS A POTENTIALLY DISASTROUS SITUATION. THE NEW PRESIDENT'S ULTIMATUM OBVIOUSLY SWAYED THE DECISION IN HIS FAVOR; WE THREE MILWAUKEEANS WERE OVER A BARREL, AND I AGREED TO ABIDE BY A MAJORITY DECISION ALTHO IT WAS OBVIOUS I COULDN'T GET A MAJORITY, CERTAINLY NOT ON SUCH SHORT NOTICE WITH NO PRIOR WARNING SO THAT I CUD ADEQUATELY PRESENT MY POSITION TO ALL BOARD (STAFF) MEMBERS.

THE NEW PRESIDENT INSISTS THAT PUBLISHING IS AN INTEGRAL PART OF HQ ACTIVITIES AND IS THE MOST (IF NOT THE ONLY) EFFICIENT WAY TO DO THINGS. I VEHEMENTLY DISAGREE. THE STAFF MEMBERS DO NOT BELONG, OBVIOUSLY, TO ANY OF THE CLUBS WHICH ARE VERY LARGE AND SUCCESSFUL WITH SEPARATE HQ AND PUBLISHING PERSONNEL. MY POSITION IS THAT WITH A LABOR SHORTAGE AT BOTH LOCATIONS, BETTER EFFICIENCY CAN BE EFFECTED BY SEPARATING THE TWO AREAS OF RESPONSIBILITY. I HAVE MANY REASONS FOR THIS CONTENTION BECAUSE OF MY FOUR YEARS EXPERIENCE. NONE OF THE STAFF HAS HAD ANY EXPERIENCE IN HQ ACTIVITIES, ALTHO ALL HAVE HAD EXPERIENCE AS ASSISTANT PUBLISHERS--NOT OPERATING THE MACHINE (MIMEO) BUT IN COLLATING AND OTHER SUPPORT ACTIVITIES. THEY ARE COMPLETELY OUT OF TOUCH WITH OTHER DX CLUBS PROCEDURES, AND THEREFORE MY EXPERIENCE FELL ON DEAF EARS. THE CHILDISH ULTIMATUM PRESENTED BY THE NEW PRESIDENT WAS THE DECIDING POINT AGAINST ME, AND I AM OBVIOUSLY QUITE BITTER ABOUT THE UNDERHANDED TECHNIQUES USED TO OBTAIN CONTROL OF THE CLUB. THE PUBLISHER EXERCISES ULTIMATE CONTROL OVER A CLUB ANYHOW (NO MATTER WHAT THE PRESIDENT TYPES, THE MEMBERS WILL NEVER SEE IT IF THE PUBLISHER CHOOSES NOT TO PRINT IT); SUCH CONTROL WAS NOT ADEQUATE FOR OUR NEW PUBLISHER HOWEVER. IT IS IRONIC THAT BACK IN 1966-7, HE DETERMINED THAT THERE WAS NOT SUFFICIENT INTEREST TO WARRANT STARTING A NEW CLUB; I TOOK A CHANCE ON THE NEW WTFDA WHEN OFFERED TO ME (WITH 27 ALL-BAND MEMBERS AND A TREASURY DEFICIT), AND I HAVE NOW BEEN DEMOTED TO A MENIAL POSITION BY THAT SAME PERSON. WE ONCE FEARED A POWERGRAB BY ANOTHER DXER, AND NOW IT HAS BEEN ACCOMPLISHED IN A FEW HOURS WITH ME AS THE SOLE DISSENTER. FOR THE CLUB'S SAKE I WILL NOT TAKE FURTHER ACTION THAN THIS EDITORIAL. THE CLUB IS IN GOOD FINANCIAL AND OTHER CONDITION SO IT WILL UNDOUBTEDLY SUCCEED UNDER THE NEW MANAGEMENT. IT ISN'T HALF ON THE ROCKS AS THE AIPA WAS WHEN AN INEXPERIENCED WELL-INTENTIONED PERSON TOOK OVER COMPLETE CONTROL OF THAT CLUB IN 1962, AND IT PROMPTLY AND SUDDENLY FOLDED. WTFDA'S NEW PRESIDENT MEANS WELL, BUT I DISLIKE HIS TACTICS AND NAIVITY.

--FERDINAND S. DOMBROWSKI, 1967-71.

WESTERN TV DX

Dennis Park Smith
1200 W. Sacramento Ave, Apt. 15
Chico, California 95926

December 1971

Deadlines: 12th of each month

We have some reports this month that go back a few months, mostly because of my or the postal service's problems and not the DXers'; perhaps all is now up-to-date.

There were some Es loggings in October, along with occasional MS, and tropo DX made regular though not outstanding visits to some areas. September's only Es report was the 29th; and in October: 8, 23, 29, 30; November so far: 2, 3. There was a rather good tropo opening on 25 October from Oklahoma-Texas areas into Kentucky-Arkansas-Alabama, and was also possibly good on 10 November according to one report so far. The increasing prospects of worthwhile UHF DXing are particularly apparent this time, as VHF TV continues to become more and more cluttered.

Glenn Hauser, Von Army, Texas (mailing address PSC Box 42309, Kelly AFB TX 78241) (CST)

(1 Oct thru 7 Nov) After watching all the nice snow my FINCO 7' UHF dish picked up for two months, I was finally rewarded with a decent opening, as many of you were, in late October. Pushed my UHF range out to a mediocre 800 miles, with 10 new stations logged. Also involved in my UHF system are a house and a pole totalling 38 ft; Archer Servo-Rotor; oval shielded twin lead; B-T Able U-2 amplifier; RCA 1953-vintage UHF converter (doubtless the weakest link); CADCO IPA (doubtless the strongest link); Harman-Kardon F1000T FM tuner; Lafayette LA224T amplifier. Yes, I routinely tune UHF audio by feeding into FM at 88 MHz where sensitivity is much greater. If I get an especially strong video buzz, I'll take a look at it on the TV set.

08 Es	1715 WESH- 2 DaytonaBeachFL 5034 1050 (26)(Tr)	0005 WDSU- 6 New Orleans LA	520
15 Tr	0510 unId-13 (north, CB; Sioux Falls?)	0020 KWTW? 9 OklahomaCity OK ? T	
25 Tr	1149 KSEL-28 Lubbock TX N 345	("Star Trek"; 0450 back on w/ Id)	
	1152 KMOM- 9 Monahans TX 305	0054 XHER-11 Nuevo Laredo Tams 140	
	1255 KDTV 39 Dallas TX 250	(movie after "24h"/10; XEFE off by now)	
	1352 XEFB- 3 Monterrey NL 265	0427 KLFY-10 Lafayette LA 390	
	1652 XHAH- 8 Las Lajas Ver 655	(s/on, then Cajun & English ads, 0445 Cajun pgn "Passe Partout")	
	1653 XHX -10 Monterrey NL 265	MS 0429 WLW-D 2 Dayton OH (TP) 1085	
	(still at 0052 ending "24h" and segue w/out Id into movie)	Tr 0523 WAFB- 9 Baton Rouge LA 455	
	1654 XET - 6 Monterrey NL 5543 265	("Ag Report")	
	(kid show; in all evening but too busy with UHF & FM)	0546 KLNI-15 New Iberia LA 405	
	2025 WFIQ 36 Florence AL (Id) N 745	(0558 s/on w/STL KKM23)	
	2037 WMAA 29 Jackson MS N 530	0654 WHNT-19 Huntsville AL N 795	
	(Firing Line promo, Id)	(local exercise show; "Here in Huntsville"; checked ch 31 & others but not hrd)	
	2158 KTSB 27 Topeka KS N 690	0658 WMAA 29 Jackson MS 530	
	(Johnny Carson from N)	(co s/on w/WMAA State College)	
	2243 KMTC 27 SpringfieldMO (QSL)N 650	0737 WAPT 16 Jackson MS N 530	
	(2246 ad for Drury College)	(0759 R Id as "Television 16")	
	2251 KFPW-40 Fort Smith AR N 485	0740 WBMG 42 Birmingham AL N 755	
	(2306 "serving AR & OK" from all 3 nets, 2310s/off msg ment 500' AAT, 811/162kW, aux for network pickup: WFM90 & WHS21)	(0743 R ads, Id; new on air)	
	2318 WDXR-29 Paducah KY? (old movie)T	30 Es 1028 KUTV 2 Salt Lake City UT 1080	
	2335 XEFE- 2 Nuevo Laredo Tams 140	(program promo)	
	("24h"/8/10; video slip-over onto ch 3; audio ok, but no "black" on fine tune(?))	1029 KBOI- 2 Boise ID (Id) 1380	
26 Tr	0001 XHAJ- 5 Las Lajas Ver 4555 655	31 Tr 2355 KVRL-26 Houston (s/off) 5555 210	
	("Fun for Your Life" ("Alma de Acero"); 0005 CRM from KALB TP, offset zero but apx 20Hz from it; 0030 sharp: cut to CB during program, 0031 off w/out Id)	2356 KHOU-11 Houston TX 5555 185	
		2357 KTRK-13 Houston TX 5555 185	
		N1 Tr 0000 KHTV 39 Houston TX 4555 185	
		(s/off)	
		0015 KMOM- 9 Monahans TX 3335 305	
		(0034 joint KWAB-4 Id and s/off)	
		0058 KSWO- 7 Lawton OK 1222 325	
		(s/off after movie; no anthem)	

Until the next, 73 de Glenn.

Pat Dyer, 327 Solar Dr., San Antonio, Texas 78227 (7 Sept - 10 Nov) (Colorado: MDT; Texas: CST)
 Colorado thru Sept 17: 9-inch B&W Penncrest and 19-el. log-periodic at 12 feet. Texas:
Receiver: 9" B&W Penncrest (* 1968 RCA color model GJ721W). Antenna: 6-el. hi-low VHF
 Yagi 12ft fix-aimed NE; 8-bay UHF bow-tie same (* 11-el. hi-low VHF Yagi 15' aimed SE).

S12	MS	0500	KDFW- 4	Dallas TX	690	30	Es	1030-1050	UnId	Ch 2	?
08	Es	1257*	WESH- 2	Daytona Beach FL	1055	31	Tr	2350	KVRL	26	Houston TX N 185
18	Tr	1620	KVUE- 24	Austin TX	N 85	N2	Es	1930	WWAY	3	Wilmington NC 1300
25	Tr	1100*	KOSA- 7	Odessa TX	275			1945	UnId	2	(PBS) ?
		2100	KERA-13	Dallas TX	N 240						(last traces Es on Ch2 at apx. 2120)
		2320*	KLTV 7	Tyler TX	280	10	Tr	0005	KRBC-	9	Abilene TX 220
26	Tr	0015	KTVT 11	Fort Worth TX	230			0007	KCBD-11		Lubbock TX N 350
			WFAA- 8	Dallas TX	240			0025	KTEN	10	Ada OK N 380
		0040	KDFW- 4	Dallas TX	240			0111	KLBK-13		LubbockTX (new-tent) 350

(Also, Es on Sept 29 with unIds on Ch 2 and 3.) It's nice to be back where such a thing as tropo exists on the TV, though it didn't pick up until late October. With the increasing UHF activity around here, I finally got an outdoor UHF antenna up; both Austin stations (Ch 24 and 42) are in to some degree all the time. The Nov-10 tropo is a bit unusual for here as I've not gotten that far NW before. KLBK-TV is tentative until I can get a report off to them and see for sure.

I'll probably try some MS with the Leonids. 73, WA5IYX/5.

Jim Pizzi, 300 Park, Orcutt, California 93454 (28 Jul - 31 Oct) (PDT)

Equipment- UHF: Finco 7' dish at 32' above ground, into: Blonder-Tongue Able-U2 booster, Blonder-Tongue BTX-11A, CADCO UHF-DXC-2 Post amp. VHF: Jerrold PIX-225 at 30' AG.

J29	Es	0935	CFAC- 2	Calgary Alta	5544R1152						
		1000	KPTV 3	Great Falls MT	4033R1015						
			KXLF- 4	Butte MT	4444R910	S6	Tr	0125	KCRA-	3	Sacramento CA 3343R270
31	Tr	0124	XEWT 12	Tijuana BCN	2245N255	15	Tr	0007	XHES-90.3		Tijuana BCN -555N260
	Es	0730	CFAC- 2	Calgary Alta	3334R1152	16	Tr	2300	KPBS-15		San Diego CA 3245R245
A4	Es	0930	KXLY- 4	Spokane WA	3323R900			2330	KCST	39	San Diego 4555R245
		0934	CFAC- 2	Calgary Alta	3432R1152	17	Tr	2230	KPBS-15		San Diego 4445R245
		1001	KREM- 2	Spokane WA	3433R900			2352	KCST	39	San Diego 4555R245
12	Es	0929	KCKT 2	Great Bend KS	1213R1207	25	GW		KPRA	94.3	Paso Robles CA -555N 55
13	MS	0352	KATU 2	Portland OR	2024R745	06	Tr	2030	KMPH	26	Tulare CA 3325N135
	Tr	0632	KCRA- 3	Sacramento CA	2332R270	9	Tr	0100	KSEA	97.3	San Diego -443N
		0632	UnId 3	(mid-IHTP, NNE)	2222	12	Tr	2330	KMPH	26	Tulare 4435R135
	Es	1447	KOOK- 2	Billings MT	5544R972			2330	KMJ	-24	Fresno CA 5555R128
		1459	KXGN- 5	Glendive MT	5033N165	13	Tr	0115	KPIX	5	San Francisco 3035R225
		1500	KYUS- 3	Miles City MT	5033N1103	14	Tr	2335	KPBS-15		San Diego 2225R245
		1500	KXLF-? 4	(//KOOK pgmg)	4045T				KCST	39	San Diego 2225R245
	Tr	1600	KTVN 2	RenoW (newstate)	2433N325	17	Tr	0118	KOST	103.5	Los Angeles -435N140
16	Es	1200	KWAB 4	Big Spring TX	3032R1100	18	Tr	0034	KGO	- 7	San Francisco 1335R225
			KMID- 2	Midland TX	5555R1020			0036	KPIX	5	San Francisco 2245R225
22	Tr	0915	KCST 39	San Diego CA	3445R245	21	Tr	2304	KPBS-15		San Diego 2245R245
		0920	KMEX 34	Los Angeles CA	2325R140			2305	KCST	39	San Diego 2035R245
27	Es	0930	KXLY- 4	Spokane WA	4444R900	22	Tr	2300	KPBS-15		San Diego 2445R245
			KLEW- 3	Lewiston ID (WA)	4333R810				KCST	39	San Diego 1025R245
		0955	CBUT 2	VancouverBC (tp)	5433R991	23	Es	1950	UnId	2	(Canada) 5553
		1004	KOMO- 4	Seattle WA	4434R874						(BarbaraMcVairShow, mention Westminster)
		1007	KATU 2	Portland OR	4433R745			2000	KWGN-	2	Denver CO (news) 4533R
29	Tr	1050	KGSC 36	San Jose CA	5555R190			2010	UnId	4	(cowboy movie) 4135
								2015	UnId	5	(variety pgm) 5235
									UnId	4	(MethisBoc Furniture ad in movie) 433
Oct									UnId	4	(Eyewitness News (NBC)) 3033
24	MS	0627	KATU 2	Portland OR	4345R745			2101	UnId	4	

Business here at the store is picking up; haven't had too much time to DX. Log now at 107 TV w/ KMPH 26; called them for verie: poor most of time w/lots of fading. Now waiting to see if Ch 21 Hanford (Spanish) comes on. New in Paso Robles, KPRA 94.3 apx 3 kW; also new XHES-90.3 Tijuana, rock music, must be at least 100 kW, studio San Diego. Last Es opening was on Oct 23 w/ KWGN the only Id.

Bob Cooper, Jr., 2609 Chaucer Dr., Oklahoma City, 73120 (8Oct-7Nov) (CDT; CST 31 Oct on)

Aside from a few minor tropo breaks, the period held little excitement. Most DXing time is now being spent planning for the 1972 DXing installation. An effort will be made to concentrate in those areas where stations remain to be logged: the 900-mi-&-down tropo on high band, MS on channels 4 & 5 and high band (other than ch 7). Antennas and mast-mounted pre-amps for 1972 will reflect this. Interest in UHF is slowly waning, except for ducting periods. Virtually all of the 600-mi-&-down UHFers have been logged and the majority of the 600-to-800-milers have been seen. And the much larger antenna required to play in the 800-1200-mi consistent UHF range is more than my tiny lot will hold. So that will have to await a move to more generous quarters, perhaps by mid-1972. The next 100 stations are going to be much tougher than the first 400 in the two years of active DXing here.

Oct 11 Tr 0750 tune-in, three new UHF translators handling Amarillo from far western panhandle area (250-275 mi) on 79 81 83. Also mystery Amarillo xltrs on 66 68 70 but find no list for them. (Maybe same as in Glen Neal's report? dps)

Oct 12 Tr K70EN Manhattan, K71BP Great Bend KS (for KAKE, 220mi), others to NW.

Oct 13-14: out of town.

Oct 15 Tr 1050 t/in, KDNL-30 MO (458mi); 2101 WNDU-16 IN CCI against KUHI-16 MO

Oct 16 Tr 0805 t/in, KMID-2 TX (330mi). over KTEW OK; 0815-0900 KTXS-12 TX KUPK-13 KS KLBK-13 TX KCBD-11 TX KGLD 11 KS, all grade A. No signs of UHF translators.

Oct 18 Tr 2100 KBMA-41 KCSD-19 MO (297) grade A, KDTV 39 TX KTSB 27 KS KUHI-16 all grade A; DX- K18AA Salina KS, KHNE-29 (345), K70EK KS K71BO KXNE-19 NE (480).

Oct 19 Tr 0603 WHO-13 KRNT-8 IA (471), K07GF (267, for WIBW-13 KS), KWWL-7 IA (548), KHNE-29 KXNE-19 NE, KCSD-19 KS and others; 2005 KTHV 11 AR through KOED-11 OK on duct; 2112-2136 WKOW-27 WMTV 15 WHA-21 WI on duct that quit just as it got started due to local thunderstorm (all 680 mi); 2132- KCSD-19 MO grade A.

Oct 22 Tr 1900 WNDU-16 IN CCI under KUHI-16 MO; 2200 KMID-2 TX (330).

Oct 23 Tr 1940 WNDU-16 under KUHI.

Oct 24 Tr 2012 KHTV 39 TX (420) through KDTV 39 TX; 2145 KVRL 26 Houston (420) new to airwaves.

Oct 25 Tr 0820 t/in, KOSA-7 TX (420) KMID-2; 1832 KDNL-30 MO (458), WAPT 16 MS (473), KVUE 24 Austin (359, new on air, ABC), KHFI-42 TX (359), KWEX-41 TX (420); 1853 WUSI 16 Olney IL (555, been trying to drag this thru KUHI for almost 2 years!), WAAY-31 AL (623), WMSL-48 AL (605, finally got photo of this one), WFIQ 36 AL (580); 1940 KNCT 46 Belton TX (335); WEEK-25 WMBD+31 IL (561); 2029 WHNT-19 AL (623), WOWL-15 AL (580); 2119 WRAU-19 (561); 2146 WIIQ 41 AL (585); 2200 KTHV 11 AR, plus too much CCI to fight on VHF.

Oct 26 Tr 0546 KLFY-10 LA (504), KHOU-11 KTRK-13 TX (420), KFVS-12 MO (450), KATV 7 AR, KTBC-7 TX (359), KHFI-42 TX, KHTV 39 TX. Balance of 26th, out of town.

Oct 27 2017, 2036 WNDU-16 IN on CCI bursts under KUHI.

Oct 28 1931, 2003 WNDU-16 IN on CCI bursts under KUHI.

Oct 31 Tr 0933 t/in, KDNL-30 MO (458); 1722 weak 10-kHz CCI on 16 against KUHI, probably WUSI 16 IL; 1734 weak zero-beat CCI against KUHI, WNDU 16; 2110 KCSD 19 MO

Nov 1 Tr 2115 t/in, KDNL-30 MO (458). (297) weakly.

Nov 2 Tr 0825 t/in, KDNL-30; Es 2130 t/in, XEW-2.

Nov 3 Tr 0730 t/in, KDNL-30, 0748 weak carrier on 20, no program information; Es 1800 t/in, ch 2+ offset CCI from SE.

Nov 8-9: out of town.

...All of which proves that October is not the best month of the year for DX from Oklahoma. 73.

Glen R. Neal, 1005 N. 5th, Sayre, Oklahoma 73662 (Aug, Sept, Oct) (CDT)

The first half of August was outstanding for E-skip.

Aug 1 Tr 2000-2400 KBTX-3 Bryan TX (3134N370), KHFI-42 Austin TX (4535R360).
Es tune-in 2002-2045 CFAC-2 CFCN-4 Calgary Alta (5533R1305).

Aug 2 Es 0025-0037 weak ch 3 to west, probably KORK- or KCRA-.

Aug 3 Es t/in 1130-1400 1t KTVU 2 KCRA-3 KRON-4 KPIX 5 CA.

Aug 4 Es in & out 1118-1157 CFAC-2 only Id.

Aug 8 Tr 1100 KTBC-7 KHFI-42 Austin TX (103 0,5R360); 2000-2300 thunderstorms and more xltr ducting, 14 of them good, in & out. Es 2230-2335 weak unid ch 2 & 3.

Aug 9 Tr 0530-1500 KFSA-5 Ft. Smith AR (3444R295), KTSB 27 Topeka KS (3035R340);
 2000-2200 24 xltrs. MS 0656 KATC 3 Lafayette LA (4544R560) w/3/4 CBs & call 'super.'
 Es 1821-2158 KDKA-2 WLW-D 2 CKCK-2 CKOS-3 CBKMT 4, CJFB-5 Swift Current Sask (5533N1110),
 KXGN-5 Glendive MT (5533N855), CHSS-6, CKCK2-6 Willow Bunch Sask (4543N), KREM-2 KOOK-2
 KBOI-2 KRTV 3 KXLY-4 KFBB-5 KHQ-6...outstanding for this late in the season.
 MS 1032 1/2-second ping on ch 12.

Aug 10 Es t/in 1608-1647 KTVU 2 KNXT 2 KEY-T 3 KORK-3 KNBC 4 CA & NV;
 t/in 1947-2000 lt WSAV 3 GA WFBC-4 SC, strong signals.

Aug 11 MS 2228 WBAY-2 w/news. Es 1728-2304 KNXT 2 KTVU 2 KORK-3 KNBC 4, WSJK-2
 w/s/off 2100, WESH-2 WDIQ 2 WDCN-2 WRBL-3 WSM-4 WJXT 4, WUNC-4 w/s/off 2100, WTVY 4
 WKRG-5 WLAC-5 WCTV 6, WATE-6 (5532N880) Knoxville TN, KDKA-2 WBAY-2 WKYC-3 WSAZ-3
 WAVE-3 WJMN-3 WOAY-4 WLW-T 5 WCYB-5 WEWS 5 WDTV 5 WHIS-6...best session of year.

Aug 12 MS 1308 KCRA-3 CA. Es t/in 1158-1318 KTVU 2 KNXT 2 KEY-T 3 KCRA-3
 KNBC 4 KRON-4 KPIX 5 CA.

Aug 15 Tr 2200-2400 exc to SE. Es t/in 2031-2348 WUND-2 WKYC-3 WBTW 3 WPSX-3
 WUNC-4 WRAL-5 WSYR-3 WLW-C 4 WHEN-5, WTVN 6 Columbus OH (5533N960).

Aug 16 Tr 0830-1000 12 xltrs.
 Es 1246-1259 XHCH-2 Chihuahua Chih (4544N), s/off 1258, c/off 1259; XHCH is 0 offset.
 Es 2047-2241 KBOI-2 KREM-2 KID-3 KLEW-3...extremely strong signals.

Aug 18 Tr 0800-0930 xltrs outstanding w/ Clarendon snowfree (70 mi).

Aug 19 Made a trip to Pampa TX and saw K06DF. Felt strange to see that little
 10-watt box I have received so many times!

Aug 23 Tr xltrs outstanding, Higgins snowfree (60 mi).

Aug 24 Received and installed a new VHF ant., LVL 36-element. Somewhat higher
 gain than old RCA ant., but much more directive.

The DX test was carried out successfully, but with apparently poor results.

Sep 16 MS btw 1149-1221 logged 6 pings of ch-13 MS, unId.

Sep 26 Tr 0800 KSEL-28 TX (165 mi) so strong, overloaded amps!

Sep 27 Tr 0040 KAYS-7 Hayes KS (4554R250), w/two different unId ch-7 xltr beats!
 Tr 1230 KVFD-21 Fort Dodge IA (3335N580).

Sep 28 Tr 0505-1200 outstanding tropo morning. Highlights: WSNS 44 Chicago IL
 (3445N790), WCEE-23 Freeport IL (3345N745), K71BJ K73BJ K75BM Woodward OK (4544N95),
 KAVE-6 Carlsbad NM (5542N310) (was my most wanted station), plus many, many more. Oct:

02 Tr 0902	K66AB	Perryton TX	95	(18) Tr (1005)	K82AK	Miami TX	60	
	to K68AD	Perryton TX	95	19 Tr 0700	K76--	(unId SW, WFAA-8)		
	1416 K71BK	Gruver TX	120		K81--	(unId NW, KFDO-8)		
	K73BK	Gruver TX	120	1907	K72BB	Texhoma TX	N 140	
	K75BN	Gruver TX	120	to K76AW		Texhoma TX	N 140	
	K78AZ	Matador TX	110	1930	K80AS	Texhoma TX	N 140	
	K80BD	Matador TX	110	24 Tr 2000	KVUE 24	Austin TX	N 360	
	K83AQ	Matador TX	110	25 Tr 0713	KOSA- 7	Odessa TX	285	
	K65--	(unId NW, KVII 7)			KMID- 2	Midland TX	265	
3 Tr 0138	K74--	(unId SW, KLBK-13)		0958	KHTV 39	Houston TX	460	
4 Tr 0747	K70CF	Higgins TX	60	1553	KNCT 46	Belton TX	N 320	
	to K72CB	Higgins TX	60	1603	KVRL 26	Houston TX	N 460	
	0752	K74BF	Higgins TX	60	2057	KUHI-16	Joplin MO	310
5 Tr 1011	KUHI-16	Joplin MO	310	2058	KMTC-27	Springfield MO	400	
	to 1055	KDTV 39	Dallas TX	235	2100	KDNL-30	St. Louis MO	N 565
12 Tr 2036	K78AZ	Matador TX	110		KMBA-41	Kansas City MO	385	
	K80BD	Matador TX	110		WDXR-29	Paducah KY	N 610	
	K83AQ	Matador TX	110		KGTO-36	Fayetteville AR	320	
14 Tr 0831	KTSB 27	Topeka KS	340	2105	KFIQ 36	Florence AL	N 680	
	K70CF	Higgins TX	60		WKMU 21	Murray KY	N 640	
	K72CB	Higgins TX	60		WKMA 35	Madisonville KY	N 690	
	K74BF	Higgins TX	60	2110	WUSI-16	Olney IL	N 680	
15 Tr 0558	KFDW-12	Clovis NM	215	27 Tr 2130	K71BH	Turkey TX	N 95	
	to KMOM- 9	Monahans TX	285		K73AW	Turkey TX	N 95	
	0735	K06DF	Pampa TX	70	K76AN	Turkey TX	N 95	
		KBIM-10	Roswell NM	280	K66--	(unId SW)		
18 Tr 1005	K72BD, K78AP	Miami TX	60	30 Es 1126to1254		(unId chs 2 & 3 west)		

The outstanding tropo this month took place on October 25 and lasted all day. I happened to be turning the UHF dish NW and caught KUHI 16 weak, but it quickly developed into the opening listed. It seemed to be too widespread to be a duct, although it lasted only about 10 minutes and then was completely gone.

K71BH is listed in TV Factbook as K70BH, but it is definitely on channel 71. Thanks to a nice Zenith tuner, I can tell exactly what channel I'm on from 66 to 83. (..Assuming it's TVF mistake & not change, with another "K71BH" somewhere else.. dps)

I had a report of Es the evening of October 29, with strong CCI on chs 4 & 5. There may have been an outstanding opening then. Log total: 344. 73 in CST.

Robert J. Williams, 251 6th Avenue East, Twin Falls, Idaho 83301 (10Jun- 12Aug) (MDT)
(Sent 11 Nov) RCA 21" color; Jerrold Powermate VHF preamp, 2 set-top boosters, various antennas, Airline B&W portable TV receiver. (* - photo taken)

J10	CW	2101	KBOI-	2	Boise	ID	R	26	Es	1134*	KTEW	2	Tulsa	OK	R				
23	Es	1507	WKY	-	4	Oklahoma	City	OK	R	28	Es	1101*	KMID-	2	Midland	TX	5??4R		
			1538*	KNXT	2	Los	Angeles	CA	4R		1123*	KGNC-	4	Amarillo	TX	R			
			2046	CKSA-	2	Lloydminster	Alta	N								(video strong, weak color, snowy for photo)			
			2100	KFDX-	3	Wichita	Falls	TX	R		1206*	KACB-	3	San	Angelo	TX	N		
26	CW	2253*	KBOI-	2	Boise	ID	R	1318	UnId-	3	(color	very	vivid)						
27	Es	1701*	KPRC-	2	Houston	TX	N	1429	KTVU	2	Oakland	CA					R		
			(Id;	Big	2	News)		1506	KPIX	5	San	Francisco	(QSL)				N		
Jul			4	Es	2022*	XHBC-	3	Mexicali	BCN	N	1658*	XHBC-	3	Mexicali	BCN		R		
			5	Es	1204	KQTV	2	St.	Joseph	MO	R	A12	MS	x100	KCEN-	6	Temple	TX	R
10	Es	2118	KMID-	2	Midland	TX	(rx,sp,wx)	R									(first	MS	logging)

I have had a very satisfying Es season with several new stations in my log. On Aug 12, my first meteor-scatter logging was made with KCEN-6. Last-minute antenna-system work is being done before winter sets in. I enjoy building antennas from old antenna pieces. Stations have been photographed this summer and printed myself in our photo studio. I've been working on logging Idaho tropo lately, trying to pull KID-3 through the cable radiation; I have succeeded in getting an excellent photo of KBOI-2. I also got several veries this year, including a nice letter from KPIX 5. I would like to correspond more with other DXers. 73s, gud DX.

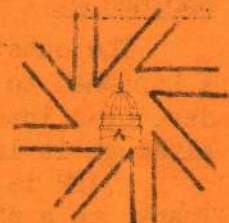
Dennis Smith -- Now that I have come to Chico, I should describe local DX conditions. I am not yet set up for DXing since I'm in an apartment, and have not taken much time to look for signals by portable methods. Most DXing was done for a couple of weeks following arrival in Chico in February 1971 and not much since.

Chico is in the northern Sacramento Valley (toward the northern end of the same Central Valley where Wasco is in the southern end called the San Joaquin Valley) and is served by three TV stations: local KHSL-TV 12 Chico (CBS, a little ABC, 15 miles) and "suburban" KRCR-TV 7 Redding (NBC, a little ABC, 70 mi) and KIXE 9 Redding (PBS, 70 mi). There is always some signal from Sacramento (KCRB-3 KVIE 6 KXTV 10 KOVR 13 KTXL 40, 110 mi) and San Francisco (KTVU 2 KRON-4 KPIX 5 KGO-7 KCED 9, 150 mi) but they shouldn't keep out much DX. There are only two local FMs, Chico State College's 10-watt (apx 8W ERP) KCHO 91.1 (1 mile) and KCBM 93.7 Chico (5 kW, 10 mi); all others are from Sacramento-Stockton area (85-140), Modesto (155) and San Francisco (150). Last February, there was inversion and fog with KLOC-19 Modesto (170), KGSC 36 San Jose (160), a KRCR-7 translator on ch 5, and some Fresno FMs (240). 16 TV and 56 FM total stations were identified, using an RCA VHF-UHF B&W portable TV with indoor UHF loop, Grundig 2540 MW-SW-FM, and VHF TV-FM 2-bay conical apx 25' AG at the rented house.

The only other "DXing" done was on 2 August at Lassen Peak in northern Calif., 10,457 ft elevation. VHF TV & FM were heard from Redding (60), Chico (50), Eureka (150), Sacramento (140), Stockton (185), Modesto (205), San Francisco (210), San Jose (245), Medford OR (135), Reno NV (120) and a KHSL-12 xltr on ch 4. Perhaps best was 250-W KTAO 95.3 Los Gatos CA (245). Equipment consisted of 1964 Panasonic T-33 FM-AM and Olson RA-23 FM-TV-sound portables. Altogether, 48 FM and a small handful of TV stations were hrd.

Best of DX to all

Dennis



F.C.C.-FM

While there isn't much station news this month, a lot of comments have come in from members, so we will have plenty of space for their interesting contributions. Please write this column if you know of any stations coming on the air, changing call letters, adding or deleting stereo, or making radical changes in their programming or operating hours. Write Bruce F. Elving, 3000 North Oakland Avenue, Milwaukee WI 53211. Powers are given in watts (which I prefer to kilowatts, with FM powers varying from 100,000 to 10 watts [using decimals the range is from 100 to .01 kw]). Times given should be local standard or daylight time, with maybe an indication that the city in which the station/does or does not observe daylight savings time. Heights are above average terrain in feet (meters some day, I predict!) and "v" means vertical ERP (it's "h" or horizontal ERP unless otherwise stated). * educational or "public" radio station.

NEW CONSTRUCTION PERMITS

Ojai CA 105.5 130 h,v; 1180'
 Leisure City FL 98.3 3000 h,v; 300'
 [Anyone know exactly where "Leisure City" is?]
 Wailuku HI 95.1 97,760; 286'
 Palatka FL 99.9 100,000 h, 20,500 v; 180'
 Wichita KS 95.1 100,000 ; 962'
 Glasgow KY 105.5 620 h,v; 590'
 Plainview NY *88.5 10 watts
 Sewanee TN *88.1 10 watts

ON THE AIR - Ready for DXing!

Manhattan KS *KSDB 88.1. Les Prus was right! However, the station was deleted by the FCC for several weeks but continued to operate. Their license has since been renewed.
 Henderson KY WUAZ 103.1
 North Syracuse NY WSOQ-FM 100.9
 Syracuse [Liverpool] NY *WCNY-FM 91.3. Two new locals for Fred Nordquist and Allen Rockford to enjoy!
 Southampton NY WWRJ 95.3 [Southampton is on Long Island]

Facilities Changes

Claremont CA *KSPC 88.7 to 3000 h,v; -255'
 San Diego CA *KPBS 89.5 to 1820' (2000' w)
 Pocatello ID *KBGL from 88.7 to 89.5 (10 w)
 Portland IN [new] 100.9 to 170', 3000 w.
 Hempstead NY *WVHC 88.7 to 5400 h, 1000 v; 165'
 Cleveland OH WXEN 106.5 to 50,000 h,v; 190'
 Portland OR KQFM 100.3 to 100,000; 930'
 Woonsocket RI WWON-FM 106.3 to 3000 h,v; 195'
 Memphis TN WMPF-FM 97.1 to 100,000 h,v; 530'
 Charleston SC WTMA-FM 95.1 to 100,000 h,v; 360'
 Sinton TX KTOD-FM 101.3 to 360' (100,000 h, 21,500 v)
 Tacoma WA KTAC-FM 103.9 to 950 h, v; 490'

Call Letter Assignments

Arcata CA KXGO 93.5
 Sacramento CA KPSC 96.9 [from KSFM]
 Rantoul IL WRTL-FM 95.3
 Lafayette IN *WJJE 91.9
 Independence IA KOUR-FM 95.3
 Wichita KS KBRA 97.9 [from KFH-FM]
 Catlettsburg KY WCAK 92.7
 New Orleans LA *WTUL 91.5
 Oakdale LA KCWR 104.9
 Silver Spring MD WGAY-FM 99.5 (from WGAY)
 Boston MA WJIB-FM 96.9 (from WJIB)
 Carson City NV KPTL-FM 97.3 (from KRWL-FM)
 Canton OH WHLQ 106.9 (from WNYN-FM)
 Fort Worth TX KXOL-FM 99.5 (from KCWM and a return to former call letters)
 Charleston WV WBES 96.1 (from WCHS-FM)

*WMKY 90.3 Morehead KY is now on 9 am to Midnight each day in stereo with 50 kw h & v, 510' sharing transmitter site with the KY ETV network on Triangle / Delete: Hill.

Taos NM KKIT-FM 99.3

In Duluth, WAKX applies for 98.9, 25 kw, hopes for a May start.

Dual-City Identifications Granted

WXLE 100.1 Phenix City [AL] - Columbus [GA]
 WCLR 101.9 Skokie - Chicago [IL]

Comments from Members

As promised last month, here are comments by Mike Dorner, Metairie LA, concerning Part I of my DXing Constitution on what constitutes a new station:

Thomistic philosophers would put [it] this way: when is the change in a station a substantial change and when an accidental change? If WXXX goes on the air in 1948, changes its call to WYYY in 1951, is this a new station? Obviously not, since nothing has changed except the name. But if WXXX changes its call to WYYY when purchased by a new owner in 1951, is this in fact a new station? It would seem no, for nothing has changed save the call and the owner, and the station equipment and format remains. But supposing the owner decided to change WXXX, a country-music, Gates-equipped station at 505 East Main Street, to WYYY, an MOR, Collins-equipped station at 14 Imperial Towers Bldg., is this then a new station? We have had such a case in New Orleans. What creates a new station? A change in equipment? Obviously not, for stations change their equipment if they are financially able at least once in ten years. Is it a change in frequency? Then many stations are in fact, new stations if this is the case. A change in the city of license? This would seem to have merit, but problems arise. That a station moves from Spearman to Pampa, Texas, changes from Class C to Class A status, lowers its power accordingly, would strike me as being a totally new station. Yet, what of a station which moves from adjacent suburbs into a city? Especially if no time is spent off the air? This strikes me as no new station. Several FMs in the Detroit area, I believe, have done this [see example in the case of WCLR, which looks to me to be the beginning of a process of moving from Skokie to Chicago in the Station Data section, above--BE]. And what about stations licensed to one town and actually transmitting from another, such as WEZW Wauwatosa WI,

(Dorner, continued)

when it moved its transmitter to Shorewood, but continues to identify as Wauwatosa. And then there are stations like WRNO with studios in Metairie but licensed to New Orleans.

Again, what is an essential change? "Essential," used in the sense of the Latin, esse, that is, in its very being. Suppose an FM station originally built in 1940, goes off the air in the early fifties, to return to the air again in the late fifties [such as WTMJ-FM Milwaukee]. Is this a new station? I think it is, especially if it returns later on a new frequency. But either frequency change or new equipment is not sufficient as such to deem it a new station. What about Tulane University, which had a station in the '20's, WAAC on the AM broadcast band, deletes, and now revives a station, WTUL [FM]? If frequency change within the FM band is not sufficient to create a new station, is change from AM to VHF sufficient then?

One more problem: supposing WXXX went on in 1948, built by the Azalea Bc. Co., which deleted it in 1954, and kept the AM affiliate operative. In 1961, Azalea sells out to the Roundtower Bc. Co., which sees fit to revive the FM station in 1965. Perhaps on a different frequency with different call letters, although at a still later date these could revert to what they were originally. Is this a new station? From the viewpoint of the AM station as a station, it is not. But from the viewpoint of the Roundtower Co., which has never owned an FM station, it is.

This might all seem esoteric, but I don't think it is. First of all, DXing strives to log new stations, and awards, etc., are predicated on the number of new stations copied. Secondly, in my history of FM project, I frequently encounter the above problems. Example: KAJN Newport Beach CA 103.1 CP 1959; never on air; sold to new owner as CP, call to KNBB 1962. Is this a new station? Supposing the new owner decided to move it to another town before activating his CP?

I haven't made any firm decisions on these arguments, except that if WXXX goes off in 1954, and comes back on in 1961 as WXXX, I count it the same station in a legal sense, but a new station in the esse sense. If the AM had changed owners in the interim, then I count it a new station in both senses. If WZZZ comes on in 1965 as a different owner--newly constructed FM station on the abandoned frequency of WXXX-FM, I also count it an entirely new station. Another example comes to mind: Pecan Island University builds WPIU-FM on 90.1 MHz in 1948, operates it until 1957, abandons it for lack of student interest. The equipment is sold off or junked. In 1969, students build a new station, licensed to the Board of Trustees, now composed of different members. Is this a new station?

Succinctly: 1) if a station must move physically to constitute a new station, how far must it move? [My Constitution states that only when a change in the Table of Allocations is involved -- usually over 25 miles -- does a station count in a new location; thus I do count the KBMF Pampa-Spearman move as two stations but virtually nothing else.] 2) if a station must move physically AND go off the air for a short period of time to constitute a new station, how long must it be off? 24 hours? a week? [I believe by stating that a station must go off the air one is in for entrapment; there is no need for the DXer to have to distinguish between the leaving of the air for the night or for an extended hiatus; thus I count WTMJ-FM Milwaukee as one station, even though it was off the air for nine years and returned on a different frequency with different equipment (even a different transmitter location). Or 3), must a station to be deemed new, have (a) gone off the air, (b) changed frequency, (c) changed call, (d) bought new equipment, and (e) have a new owner? [I would still count it as the same station; what if the frequency later changed along with the call letters to what they were prior to going off the air? This happened in the case of WSAU-FM Wausau, WI, which deleted in 1950, came to life as WLN Merrill WI on a different frequency, were bought out by the new owners of WSAU, and returned to the former WSAU-FM frequency and call letters after closing down the Merrill facility. To do otherwise, I'd have two WSAU-FM's in Wausau on 95.51] What if (4) the staff is essentially the same, as for an AM mother? [No factor, I maintain, as with equipment changing and new ownership; DXers cannot be expected to keep abreast of such changes in the thousands of FM stations that now exist. The same is true for transmitting sites; all we really should go by is the FCC-defined "city of license," that which is mentioned in the legal station identification. In the case of hyphenated identifications, such as Skokie-Chicago, it is the first listed that we would use.]

To summarize, we will all have to make arbitrary decisions as you did in your Constitution. I suggest that to be classified a new station: 1) the original station must have been deleted, 2) the original station must have gone off the air for a week, minimum; 3) the new station must have a different owner; 4) or the station must have physically moved (studios and legal ID announcement) outside of its previous FCC protected contour area; 5) changes in call, frequency, format, tower location, power, or ant, or changes in ownership, in whole or in part, by themselves will NOT constitute grounds for deeming it a new station, UNLESS one or more of #1, 2, 3 or 4 simultaneously exist. Mike Dorner.

Mike also sent along a detailed analysis on the FCC FM allocations chart, which is too long to publish. Anybody interested in this could contact him at 1409 Hymelia Avenue, Metairie LA 70003. Mike notes that two states -- DE and MA -- have only one commercial FM channel left, while CT, RI and DC are states with none open. Wyoming is the least developed state, with only 3 channels or 12% operational. All but 11 states have better than half their channels filled, and 818 channels are open throughout the United States. Little Puerto Rico has only one channel left, with the northeast-Great Lakes the most saturated.

Waldo Bishop, Tallahassee FL, reports WRTM 102.3 Bountstown FL went bankrupt in June, and has deleted. He noted that I use an FM/Q (L. F. B. Carini, Ph.D.) antenna, and wonders if anybody knows if they are still in business? Carini's brochure, All About FM Antennae and Their Installation is what got Waldo hooked on FM DX./// The November, 1971, Audio rates the new Sherwood FM Stereo tuner (SEL-300) as excellent, with especially good adjacent-channel selectivity./// 73 til next month.



Leslie J. Prus
1615 Pierre Street
Manhattan, Kansas 66502

deadline: 12th of month

DECEMBER 1971

The major problem with the "CCI" column in the past seems to have been a general lack of interest, as evidenced by the small number of reports that had been received by the previous editor. This lack of material caused "CCI" to appear only sporadically - a situation that only further eroded members' interest in it. In my view, the underlying cause for this is that a member does not get a sufficient number of unIDs identified to make the sending of a report worthwhile. In an effort to remedy the situation, several changes have been made.

Starting now, this column will appear on a regular monthly basis in the hope that this will stimulate DXers to send in more reports. For the next three months, I will accept any unIDed material that readers may wish to submit dating as far back as MAY 1971. After all the summertime loggings have been taken care of, I would like to keep the column as up-to-date as possible. Readers are urged to send their reports in regularly, simply because the greater the span of time between the logging and the appearance of the report, the more difficult it will be to identify the station - memories fade, schedules change, and old TV Guides are thrown away.

To retain interest in the column, it is imperative that more loggings are identified. This, after all, is the function of "CCI." All readers are asked to take the time to scan the reports carefully, and if some loggings look suspiciously like local or semi-local stations, make the extra effort to check it out. Then drop a card either to the member concerned or to this column. The format of "CCI" will remain basically unchanged, except for one feature designed to assist readers in identifying the loggings. Each unID logging will be followed by a "Probable Target Area," (PTA), which will help put the report in the reader's frame of reference, rather than that of the reporter. Please include this type of information in your reports whenever possible.

Dave Brown, Rt. 1, Box 514, Jackson Hts, Farmville, VA 23901 (EDT)

- Thu 27 May ch. 3 Es 2205 - French language program similar to "It Takes a Thief" but originally shot in French - not dubbed over. PTA: Quebec
- " " " ch. 4 Es 2220 - "Lancer" dubbed over in French. Quebec?
- Mon 5 Jul ch. 6 Tr 0208 - movie on "Swingshift Theater" ends 0215, "Thoughts to Live By," and s/off. WPVI-6 returning to air for test obscured TP. PTA: New England states or NY, E. Canada
- " " " ch. 5 Tr 0533 - Wedge TP with call in upper left, toss-up between WNEW and WEDH. PTA: NY, Mass.

Any comments, questions, or suggestions regarding this column are welcome. Have a Merry Christmas and lots of good DX in 1972!

73, *Les*

Conducted by
David T. Janowiak

TECHNI/CORNER
December 1971

3661 South 46 Street
Greenfield, Wisc. 53220

TV AND FM RECEIVING ANTENNAS:
FANTASIES, FADS, AND FACTS
PART II

ANTENNA CHARACTERISTICS DEFINED

The five (5) major antenna characteristics used to evaluate antennas are: (1) gain, (2) beamwidth, (3) front-to-back ratio, (4) front-to-side ratio, and (5) impedance match.

Most characteristics are derived with the aid of a polar plot obtained by using a pen recorder that responds to changes in signal as received by the antenna. Specifically, a polar plot is a recording of antenna sensitivity with a constant-strength signal arriving from a fixed direction as antenna is rotated through 360°. Obviously, most antennas receive less signal when rotated away from the signal source.

Figure 1 shows how such a plot is arranged and used. We simply hold the chart parallel to the ground and look down on it just as you would view a compass. The fixed signal arrives at zero degrees. The antenna (which is aimed at the fixed signal source) is at the center of concentric circles that indicate the signal pickup ability of the antenna. These circles are numbered 1, 2, 3, etc, usually out to #10. A chart of antenna sensitivity that extends out to circle #10 would indicate twice the pickup ability of a chart out to circle #5 ($10/5 = 2$) and ten times ($10/1 = 10$) the pickup ability of a chart out to circle #1, all on the same plot, of course. These circles actually indicate relative power or voltage. They do not directly translate to distances away from the transmitter over which you can expect to receive a signal. For simplicity, only five circles are shown (2, 4, 6, 8, 10), but the reader can interpolate since the distance between circles is equal.

An actual plot of antenna sensitivity is shown in Figure 2. This dipole antenna plot has its greatest sensitivity at 0 and 180° as indicated by the area inside the dark lines. This area is usually called a pattern. Since the dipole is a "basic" antenna, its gain characteristic (pattern in 0 degree direction) is usually the basis upon which the gain of any other antenna is compared.

NOTE: All polar plots are derived with antenna so mounted that it is not affected by trees, power lines, etc. This "free space" plot is seldom achieved when you mount the antenna in a typical installation. The result may be spurious side bulges or lobes not seen on the polar plot.

Note that with antenna aimed at zero degrees (B), this antenna could not discriminate between equal-strength signals arriving from A, B, and C because this antenna has a very broad pattern. However, a signal arriving from D direction only intercepts the pattern at about line 4, meaning that signal strength would be less than that received from A, B, or C. Antenna sensitivity to signals arriving from directions other than zero degrees produces some of the characteristics to be described later.

Figure 3 shows how antennas are compared to each other on the same polar plot. The distance out onto the plot that a pattern extends is really arbitrary. That is, a single antenna pattern is usually brought out to the largest circle only as a convenience. The same dipole pattern in Figure 2 as redrawn in Figure 3 shows the pattern extending out to only about circle 3. However, the shape is identical to that in Figure 2. The Figure 3 pattern has been "scaled down" to allow superimposing a pattern of an antenna that has more signal pickup ability (gain) than the dipole. This has been done in dashed lines that show the pattern of a 5-element yagi. Note that the yagi pattern extends to the outer circle, thus the exact patterns of these two antennas can be compared.

NOTE: This does not mean that the yagi will produce the same signal even if three times farther from the transmitter.

This description of polar plots, patterns, etc., will be referred to often as specific antenna characteristics are reviewed.

Gain

Antenna gain is defined in textbooks as "the effectiveness of a directional antenna as compared to a standard nondirectional antenna". Using Figure 3, this is rather self-explanatory. The gain in absolute numbers of the 5-element yagi is about $(10/3) = 3.3$.

NOTE: See table for conversion of dbs.

However, a more specific definition of gain -- and more accurate and in step with accepted terminology today -- is: the ratio of an antenna's pattern in the optimum (0° direction) at a given frequency to the pattern of a cut-to-channel dipole also aimed in the optimum direction. (The pattern in the optimum 0° direction is also called the main lobe.)

Some antenna manufacturers, either intentionally or not, list gains that seem too high for that design. Next to a lie, the only way these gain figures could be possible is if the antenna is compared to a "basic" antenna of less gain than a dipole. And this is not really unusual since a "theoretical non-directional basic antenna" called an "isotropic source" once was accepted more so than the dipole (and thus the old textbook definition of gain).

The isotropic source (which is omnidirectional) has 2.14 db (about 25%) less gain than a dipole (dashed lines in Figure 2). Therefore, if maker "A" specifies a 9 to 15 db gain for an all-channel antenna, you can bet your Zenith that this gain was compared to an isotropic source, and the actual gain as compared to the now popular dipole reference antenna should be about 7 to 13 db (which is still pretty darn "optimistic" gain figures for any all-channel antenna, in fact unbelievable unless these are maximums for LB and HB). I believe it unscrupulous for a manufacturer to refer any antenna characteristic over an isotropic source unless it is so specified.

Gain is seldom constant over a wide frequency range. In fact, it is seldom constant over even a single six megahertz TV channel. An antenna with 4 db gain at the video frequency of a TV channel but progressively higher gain up to, say, 9 db at the audio frequency of that channel will produce poor color and improper balance of audio and video.

So how does a manufacturer specify his gain? That's a very good question. Some use an average at a given TV channel; most use the highest gain anywhere within the TV channel. You really don't know this unless you are given (1) gain figures at specific frequencies or (2) a curve showing gain versus frequency for the channels covered by that antenna. For good color TV reception, gain should not vary by more than ± 1 db, or 10%, over a single channel. You should expect little gain difference with well-designed log periodics.

This brings up another characteristic called bandwidth. Since it is linked to gain, however, bandwidth is not called a major characteristic here. Most antennas have adequate bandwidth across any one channel, although gains can vary drastically between far removed channels.

What's a good gain for serious DXing?

Low band: 6 db average

High band: 12 db average

FM: 10 db average

UHF: 15 to 20 db average

These figures can be obtained with single or stacked antennas currently available, but no channel 2-13 or 2-83 antenna will come close to this.

One last item seems very important even if it is repeated. You cannot directly convert antenna gain into distance over which a particular signal can be received. For example, the 5-element yagi gain is 3 times that of a dipole. But, all things the same (terrain, antenna, height, etc.), you cannot say that the signal received with a dipole at 50 miles will be the same as with the 5-element yagi at 150 miles. Signal levels diminish by a square law so you need more (much more) than triple the dipole antenna gain to overcome losses over a path three times farther.

Beamwidth -

This characteristic (note this is not bandwidth just mentioned) is the distance in degrees of the main lobe over which the antenna voltage gain is at least 70% of maximum. This is nothing more than a magic number that someone said relates angular distance to useable gain.

For example, in Figure 3, the beamwidth of the 5-element yagi is about 40° because the pattern intercepts the seventh circle (in a series of 10) at about 20° and 340° , which is a 40° span. Beamwidth relates antenna directivity, because the more directive the main lobe of any antenna, the narrower the beamwidth.

Directivity is also called the half power beam width (HPBW), or "half-power", or "3 db down" points. However, this is the same 70% of its maximum voltage pickup used to define beamwidth because 70% voltage is one-half the power.

A "typical" log periodic all-channel antenna (popular today), for example, with a 90° beamwidth at LB will deliver 70% of its maximum voltage (also 1/2 power) when it is rotated 45° either side of the point where maximum signal is received. This rather wide front lobe makes it more difficult to distinguish between signals arriving from nearly the same direction.

In itself, the beamwidth tells you nothing about other characteristics except that a very narrow beamwidth implies high gain in most antenna types because most signal pickup ability is concentrated in a long, narrow main lobe. A decent beamwidth for serious DXing is about 40 to 50° at HB and 50 to 70° at LB, obtainable with antennas that produce the gains noted previously.

Front-to-Back Ratio -

Abbreviated F/B ratio, this characteristic is a simple ratio of the main lobe to the pattern 180° away. In Figure 4, the front to back ratio is the ratio of A to B. F/B ratio may be a simple number ratio such as 5:1 or a voltage db ratio such as 14 db for the pattern in Fig.4. Note that this ratio is taken directly from the antenna pattern on the polar plot.

F/B ratios of 10:1 or 20 db would be adequate for good DX antennas. Unfortunately, F/B ratios much less than these occur often on some channels (especially LB and FM) in otherwise good broadband DX antennas.

Front-to-Side Ratio -

Obviously, the F/S ratio is the ratio of antenna pattern at 0° to the pattern at 90° or 270° (A to C in Figure 4). This number is usually quite high, greater than F/B ratio, because most antennas are least sensitive to signals arriving directly off the side (ie, 90° away from the main lobe). In Figure 4, the F/S ratio is 10:1, or 20 db.

For DXing, F/S ratios of 15:1 average can be expected with good DX antennas.

Impedance Match -

This characteristic tells you how efficiently antenna signal is transferred to the transmission line for which it was designed. The transmission line carries antenna voltage to the receiver. Unlike the previous characteristics, impedance match cannot be obtained from the antenna pattern.

A mismatched line causes standing waves, an effect resulting from power trying to flow in opposite directions. The greater the mismatch, the greater the difference between maximum and minimum voltage or current along the line.

The ratios of maximum to minimum values yield a standing wave ratio (SWR): This value, or a simple ratio of the impedance designed for versus the actual impedance, allows us to make a judgement as to the amount of power that never gets from the mismatched antenna to the receiver.

Table 1 shows the relationship between mismatched antenna and % of additional power loss. This additional loss must be added to the normal T-line loss at that frequency.

Impedance ratio of mismatch to	1	1.1	1.3	1.5	1.75	2	2.5	3	5
% additional power loss	0	1	4.5	10	18	27	45	66	160

TABLE 1.

For example, if an antenna designed for 300 ohm is actually 150 ohms at a given frequency, the ratio of $300/150 = 2$. The table shows that 27% of power will be lost due to mismatch. (The larger impedance must go on top.)

NOTE: Mismatches are more troublesome if T-lines are long and lossy. A severely mismatched line only a few feet long isn't all that bad.

A "perfect" match creates a 1:1 (or 1:0) ratio. However, any device with a 1.5 ratio at a given frequency is considered excellent since only 10% signal is lost. Any all channel antenna with an average impedance match ratio of 1.5 over several channels is considered darn good.

Preamps, couplers, splitters, traps, etc., all should have low (1.5) ratios. In TV/FM systems, this means that a match to either 300 or 75 ohms (the only two impedances used today) is good, and little signal is lost. In a typical system of antenna, transmission line, and receiver, the transmission line and receiver can be kept very close to 300 or 75 ohms, but the antenna is questionable.

An antenna with a gain of 5 (14 db) but an impedance ratio of 3 (66% loss) will produce poorer results than an antenna with gain of 3 (9 db) but a ratio of 1.5 (10% loss). This characteristic, therefore, is vital in any antenna, but it is seldom considered. For DX, the lower the SWR, the better, but otherwise good antennas often have a SWR of 2 on some channels, especially if they are broadband.

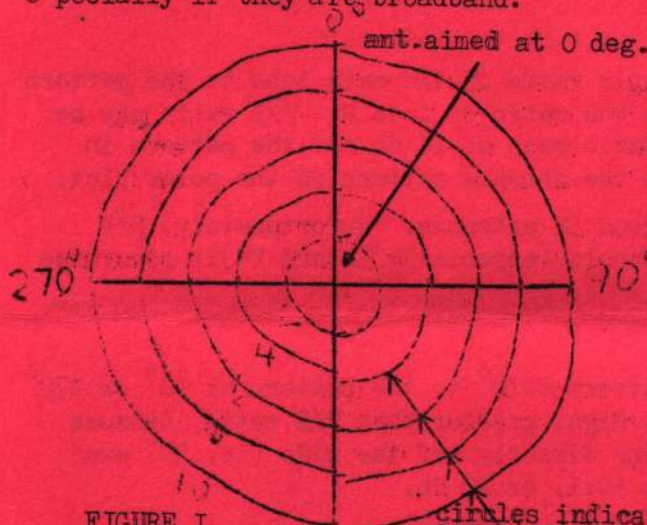


FIGURE 1

Circles indicate relative signal pickup ability

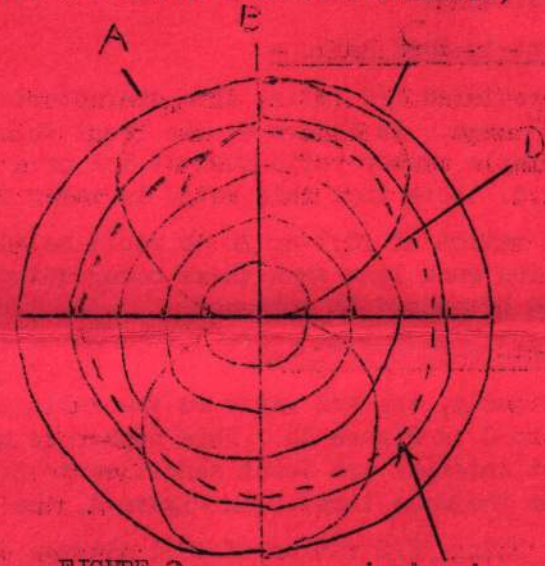


FIGURE 2



FIGURE 3

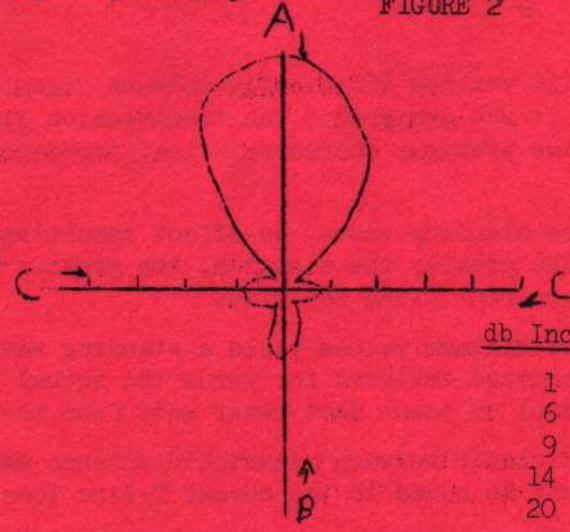


FIGURE 4

db Increase	Voltage Increase
1	10%
6	100%
9	300%
14	500%
20	1000%

TAB I

VHF DX

Pat Dyer
327 Solar Drive
San Antonio, Texas 78227
Deadline: 12th of month

DECEMBER 1971

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, MD 20015
QSLed DX; GMT used (* approximate frequency)

<u>7-5:</u>	0700, KGA 948	155.715	Northampton, PA (fire, 600 w)
<u>14:</u>	1306, ICMP	157.3	Annapolis, MD (<u>MANUELA PRIMA</u> , freighter)
<u>23:</u>	2200, KSB 203	39.50	Clinton, IL (sheriff)
<u>28:</u>	1136, -	128.7	over Woodstown, NJ (Allegheny flight 950; DC-9-31; 25 w)
<u>8-5:</u>	1316, KGN 512	33.94	Westminster, MD (county fire; 150 w)
<u>10:</u>	0028, WYZ 2967	157.3	West River Marine, MD (<u>ANORE</u> , 46-ft Alaskan Yacht; 25 w)
<u>10-3:</u>	1700, N341NS	128.3	over Allentown, PA (National Steel Co., Lockheed Jetstar; alt.: 22,000 ft)
<u>9:</u>	2105, N1424	129.1*	near Annapolis, MD (Mr. John W. Galbreath; Aero Commander, single engine)
<u>10:</u>	1746, N333G	124.3*	20 mi ne Westminster, MD (Continental Oil Corp.; Beechcraft King Air 90)

Richard T. Colgan, B-9-C College View, College Station, TX 77840 GMT

<u>8-12:</u>	1640, KAF 370	39.58	Beloit, KS (police)
<u>10-9:</u>	1725, KQC 881	43.58	Cleveland, OH (pager)
	1726, KGA 805	43.58	Pittsburgh, PA (pager)
	1800, -	42.06	Lethbridge, Ontario, Canada (prov, police)

Rick Stein, 456 Barrymore Place, North Brunswick, NJ 08902 EST

6-21: 1030, KFB 900 37.18 Weatherford, TX (sheriff)

My loggings. Allied A-2586 with built-in whip and 30-feet of random indoor wire antenna. Only Spanish above 44-MHz noted; F2 unless noted as Es; CST used; new stations are underlined.

<u>10-14:</u>	1115, KAH 661 (Es)	22: 2336, Long Beach (Es)	28: 1615, KED 485
	1117, KQD 313 (Es)	<u>23:</u> 2101, KAH 661 (Es)	1620, KCC 482
	1120, KAQ 611 (Es)	<u>28:</u> 1455, KCC 266	<u>KEI 744</u>
	1134, KSJ 815 (Es)	KGC 223	KCG 491
	1154, KQD 607 (Es)	<u>KEE 869</u>	1630, KCD 271
<u>15:</u>	1410, 45-Spanish	1458, KGE 831	<u>29:</u> 1445, <u>KDG 722</u>
<u>17:</u>	1038, KAH 661 (Es)	1500, KRG 767	<u>11-2:</u> 1925, KIM 905 Es
	1100, KIY 508 (Es)	1504, <u>KGD 587</u>	2018, KIQ 999 Es
<u>22:</u>	1505, 46-Spanish	<u>KAO 945</u>	2031, L Bch (Es)
	1508, KMD 342	1509, <u>KGD 259</u>	2045, KFL 936 Es
	1518, KCC 482	1517, Oakland	<u>5:</u> 1256, KCD 498
	1523, Oakland	1527, Scranton	1314, KCC 482
	1531, KMB 305	1529, KGC 755	1322, KOG 634
	1535, KOA 796	<u>KJY 884</u>	<u>KCE 489</u>
	1537, <u>KMB 306</u>	1537, <u>KCA 460</u>	1323, <u>KOP 303</u>
	1539, Portland	1555, KGC 226	1330, KOA 748
	1553, <u>Glide</u>	1556, KCE 287	1333, Salem
	2028, KIM 905 (Es)	1600, KGC 524	1401, KCC 748
	2038, KAH 661 (Es)	1604, KOA 796	1448, KCB 526

My March 18 logging of SDGE at 1553 on 50.155 MHz (3rd harmonic from 16-MHz marine band) was from the Lake Ontario at 01°46.0' N and 80°48.0' W (just off the coast of Ecuador), thus being one-hop F2.

KAH 661	35.22	Minneapolis, MN	KGD 587	33.94	Monocacy, PA-f
KAQ 611	35.54	Rochester, MN	KGE-831	33.78	Wilmington, DE-cf
KAQ 945	33 /	Lancaster, PA-f	KIM 905	35.22	Charlotte, NC
KCA 460	37.18	E Hartford, CT-p	KIQ 999	35.34	Mobile, AL
KCB 526	33.70	Kennebunkport, ME-f	KIY 508	35.22	Orlando, FL
KCC 266	35.58	Springfield, MA	KJY 884	33 /	W Chester, PA-f
KCC 482	35.22	Concord, NH	KMB 305	35.22	San Francisco, CA
KCC 748	33.94	Windsor, CT	KMD 342	35.22	Fresno, CA
KCD 271	33.70	Harwich, MA-f	KOA 748	33.90	Seattle, WA-f
KCD 498	33.70	Sandwich, MA-f	KOA 796	35.58	Portland, OR
KCE 287	33.94	Rocky Hill, CT-f	KOG 634	33.82	Kent, WA-f
KCE 489	33.94	Avon, CT-f	KOP 303	35.46	Langley, WA-mp
KCG 491	33.70	Wallingford, CT-f	KQD 313	35.50	Dayton, OH
KDG 722	33.66	Littleton, MA-f	KQD 607	35.50	Grand Rapids, MI
KED 485	33.82	Woodbridge, NJ-f	KRG 767	33.90	Easton, MD-cf
KEE 869	33.86	Upr Saddle Rvr, NJ-f	KSJ 815	35.22	Fort Wayne, IN
KEI 744	33.94	Gladstone, NJ-f	-	35.46	Glide, OR-mp
KGC 223	35.22	Philadelphia, PA	-	35.58	Long Beach, CA
KGC 226	35.34	Allentown, PA	-	35.46	Oakland, CA-mp
KGC 524	33.78	Dover, DE-vf	-	35.26	Portland, OR-mp
KGC 755	33.90	Lancaster, PA-cf	-	35.26	Salem, OR-mp
KGD 259	33.98	Pleasant Twp, PA-f	-	35.58	Scranton, PA

c-county; f-fire; p-police; v-volunteer; mp-mobile phone; rest, pagers

A2 ID's by: KAQ 611, KFL 936, KGC 226, KIQ 999, KMB 305, KMB 306, KOP 303, KQD 313, KQD 607, and KSJ 815.

Since starting my monitoring of the 30-50 MHz region a little over four years ago, this fall has proven to be the least productive in F2 openings. So far the only notable days were: Oct 6, 22, 28 and Nov 5. Even to get these there had to be some level of geomagnetic disturbance in progress. This is far from the almost daily loggings of the east coast pagers on 35 MHz that were made last fall. A quick glance at the columns for last year will show that.

On the brighter side, I do have information that Las Vegas was likely getting 43-MHz paging from Miami on the early October F2 opening. I also have second-hand reports that Mexico and Puerto Rico had been getting the South American transequatorial scatter on 50-MHz since September on a near-nightly basis.

Moving to the more northerly latitudes, I am a little puzzled that no one has yet submitted any reports concerning auroral reception for the 30-50 MHz band. The paging stations, especially the tone ID variety, should be easily noted during an auroral session.

By the time most of you get this column, the winter season Es peak (mid-December) should be upon us. Hopefully that will make the lack of the F2 a little easier to put up with. Also, don't pass up the chance to log some paging stations by meteor scatter as the bursts are often long enough at these lower frequencies to get an ID.

STATISTICS

Glenn Hauser, editor
 PSC Box 42309
 Kelly AFB TX 78241
 December 1971

91 MHz FMDX RECORDS

Mhz	Pr	Call	Location	Miles	DXer, Location	Comments
91.1	Es	KWBI	Morrison CO	1250	Carlton Howington, Uniontown OH	
	Tr	KSJN-	New Brighton MN	655	Carlton Howington, Uniontown OH	
	MS	KSJN-	New Brighton MN	920	Larry Vogt, Springfield VA	
	Au	CJRT-	Toronto Ont	240	Frank Merrill, Milan MI	
91.3	Es	WIPR-	San Juan PR	1820	Carlton Howington, Uniontown OH	
	Tr	WHHI	Highland WI	640	Robert Cooper, Oklahoma City OK	
	MS	WHHI	Highland WI	740	Larry Vogt, Springfield VA	
	Au	WWKS	Macomb IL	445	Bruce Elving, Duluth MN	
91.5	Es	WRPI	Troy NY	1360	Robert Cooper, Oklahoma City OK	
	Tr	KANU	Lawrence KS	740	Carlton Howington, Uniontown OH	
	MS	WHMD	Suring WI	1220	Glenn Hauser, Von Army TX	
	Au	WRPI	Troy NY	505	Frank Merrill, Milan MI	
91.7	Es	KFWG	Las Cruces NM	1130	Fred McCormack, Des Lacs ND	now 90.7
	Tr	WUOM	AnnArbor MI	520	Bruce Elving, Duluth MN	
	Au	WUOM	AnnArbor MI	490	Joe Fela, South Plainfield NJ	
	Es	WSTU	Carbondale IL	1725	Jim Pizzi, Santa Maria CA	
91.9	Tr	WSIU	Carbondale IL	810	Glenn Hauser, Von Army TX	
	MS	WHRM	Rib Mountain WI	765	Larry Vogt, Springfield VA	
	Au	WSTU	Carbondale IL	505	John Ebeling, Bloomington MN	

Contributors of 91 MHz record candidates are the same as 90 MHz, minus Nordquist, plus Bishop and Wood. Planned for the February issue (deadline 12 Jan) are revised 88.1-91.9 records, so if you missed out, here's a second chance! January deadline advanced to 10 Dec. for all sections to compensate for the holiday rush--all statistics sections, that is.

CHANNEL 9 TROPO TVDX RECORDS

Call	Location	Miles	DXer, Location	Comments
WTVY	Dothan AL	565	B. J. Bingham, Festus MO	now ch 4
KGUN-	Tucson AZ	230	Glenn Hauser, South Baldy Mtn NM	
KECC-	El Centro CA	170	Matt & Brad Wall, San Bernardino CA	
KHJ--	Los Angeles CA	200	Robert Cooper, Fresno CA	
KIXE--	Redding CA	300	Robert Cooper, Fresno CA	
KQED--	San Francisco CA	235	Dennis Smith, Sequoia Crest CA	
KBTV	Denver CO	495	Carl Dabelstein, Omaha NE	
WTOP-	Washington DC	1010	Ed Rugel, Independence KS	
WFTV	Orlando FL	1065	Glenn Hauser, Von Army TX	was WLOF
WROM-	Rome GA	410	Clarence Rareshide, New Orleans LA	now off
WTVM	Columbus GA	510	Dick Clark, Fort Lauderdale FL	was ch 28
WVAN-	Savannah GA	380	David Cox, Carrollton AL	
WGN-	Chicago IL	685	Robert Cooper, Oklahoma City OK	
WNIN-	Evansville IN	165	Dave Pomeroy, Lexington KY	
KCRG-	Cedar Rapids IA	555	Robert Cooper, Oklahoma City OK	
KVTV	Sioux City IA	635	Bill Meers, Lagrange KY	now KCAU
WAFB-	Baton Rouge LA	590	Glen Neal, Sayre OK	was ch 28
WWTV	Cadillac MI	675	Les Prus, Manhattan KS	was ch 13
KMSP-	Minneapolis MN	605	Bill Meers, Lagrange KY	was KEYD
WTWV	Tupelo MS	500	Don Ruland, Houston TX	
KMEC-	Kansas City MO	820	Robert Seybold, Dunkirk NY	
KETC	Saint Louis MO	440	Jim Brown, Jackson MS	
KPNE-	North Platte NE	425	Robert Cooper, Oklahoma City OK	
WMUR-	Manchester NH	390	Robert Seybold, Dunkirk NY	
WOR--	New York NY	605	G. W. Lowther, Alexandria IN	
WNYS--	Syracuse NY	390	Frank Merrill, Milan MI	
WSOC-	Charlotte NC	675	Carlton Howington, Homestead FL	
WNCT-	Greenville NC	900	Ed Bourgeois, Norco LA	

WCPO-	Cincinnati OH	640	Les Prus, Manhattan KS	
WXEL-	Cleveland OH	575	Richard Baker, Moberly MO	now ch 8, WJW
WSTV-	Steubenville OH	830	Independence KS, Ed Rugel	
KWTV	Oklahoma City OK	1070	Robert Seybold, Dunkirk NY	
KEZI-	Eugene OR	95	Michael B. Northam, Beaverton OR	
KCOO-	Aberdeen SD	275	Fred McCormack, Des Lacs ND	was KXAB
WTVC	Chattanooga TN	700	Glenn Hauser, Enid OK	
KRBC-	Abilene TX	640	Robert Weems, State College MS	
KLRN	Austin TX	480	Ron Le Blanc, Marrero LA	
KTSM-	El Paso TX	155	Glenn Hauser, South Baldy Mtn NM	
KTRE-	Lufkin TX	290	Clarence Rareshide, New Orleans LA	
		tie	Ron Le Blanc, Marrero LA	
KMOM-	Monahans TX	460	Don Ruland, Houston TX	was KVKM
KOET	Ogden UT	150	Matthew Wall, Twin Falls ID	
KCTS-	Seattle WA	105	Doris Johnson, Longview WA	
WAOW-	Wausau WI	540	Robert Seybold, Dunkirk NY	
CKX-2	Melita Man	80	Fred McCormack, Des Lacs ND	
CKLT	Saint John NB	420	Gene DeLorenzo, Hyannis MA	
CFXU-	Antigonish NS	105	Ron Boyd, Halifax NS	now CJCB-2
"CBWDT"	Dryden Ont	415	Fred McCormack, Des Lacs ND	
"CBOFT"	Ottawa Ont	230	Richard Nieman, Buffalo NY	now in PQ
"CBFOT"	Timmins Ont	460	Frank Merrill, Milan MI	
"CBLT"	Toronto Ont	165	Robert Cooper, Ithaca NY	now ch 6
CFTO-	Toronto Ont	465	Dave Janowiak, Joliet IL	
CKLW-	Windsor Ont	490	Dave Egan, Valleyfield PQ	
CKBL-	Matane PQ	210	Ghislain Girard, Arvida PQ	
CHRE-	Regina Sask	210	Fred McCormack, Des Lacs ND	now "CBKRT"
(CMAB-)	Camagley Cuba	1105	Clarence Rareshide, New Orleans LA	
CMGQ-	Matanzas Cuba	745	Ed Bourgeois, Norco LA	
XH__	Tampico Tamps	495	Glenn Hauser, South San Antonio TX	
KPUA-	Hilo HI	5	Glenn Hauser, Hilo HI	of KGMB
KØ9HY	Glasgow MT	0	Dennis Smith, mobile	of CKCK
KGMB-	Honolulu HI	10	Glenn Hauser, Honolulu HI	
WØ9AD	Waynesville NC	0	Dennis Smith, Waynesville NC	of WSPA

ADDITIONS AND REVISIONS

2	KUSD-	Vermillion SD	Tr	305	Dave Pomeroy, Overland Park KS	Heusmann 190
3	KIEM-	Eureka CA	(Es)	2470	Tom Yingling, Baltimore MD	Hill 2190
	WJMN-	Escanaba MI	Tr	305	Morrie Goldman, Chicago IL	Olson 250
	WWAY-	Wilmington NC	Tr	360	Tom Yingling, Baltimore MD	new
4	KMOX-	Saint Louis MO	Tr	630	Robert Seybold, Dunkirk NY	Le Blanc 595
	KXLF-	Butte MT		1865	Tom Yingling, Baltimore MD	Bays 1330
	KHTL-	Superior NE	MS	775	Charles Dobbins, Detroit MI	new
5	WHEN-	Syracuse NY	Tr	360	Rod Juoma, Deteroit MI	Wheeler 210
	WCYB-	Bristol TN	Tr	365	Tom Yingling, Baltimore MD	Berg 325
	"CBYT"	Corner Brook Nfld		1130	Robert Seybold, Dunkirk NY	new
	CHOV-	Pembroke Ont	Tr	255	Robert Seybold, Dunkirk NY	Pizzi 185
	XHAJ-	Las Lajas Ver	Tr	655	Glenn Hauser, Von Ormy TX	new
6	WBRC-	Birmingham AL	Tr	755	Glenn Hauser, Von Ormy TX	Brown/Hauser 655
	WDBO-	Orlando FL	Tr	1065	Glenn Hauser, Von Ormy TX	Bourgeois 550
	KSPR-	Casper WY		940	Bill Draeb, Kewaunee WI (now off)	Hilding 720
7	KØ7GF	Topeka KS	(Tr)	260	Robert Cooper, Oklahoma City OK	new
	WWNY-	Watertown NY		580	Bill Draeb, Kewaunee WI	Wheeler 255
9	WFTV	Orlando FL		1065	Glenn Hauser, Von Ormy TX	Foster 685
	KPNE-	North Platte NE	MS	820	Glenn Hauser, Von Ormy TX	new
	WCPO-	Cincinnati OH	MS	670	Dave Egan, Valleyfield PQ	new
	WAOW-	Wausau WI		540	Robert Seybold, Dunkirk NY	Butterfield 360
11	KPLR-	Saint Louis MO		630	Robert Seybold, Dunkirk NY	Le Blanc 595
	"CBVT"	Ottawa Ont (PQ)		80	Dave Egan, Valleyfield PQ	new

12	WFGA-	Jacksonville FL	1020	Glenn Hauser, Von Ormy TX	Bourgeois 520
	WILL-	Urbana IL	510	Robert Seybold, Dunkirk NY	Pomeroy 355
	KIIN-	Iowa City IA	615	Robert Seybold, Dunkirk NY	H Cooper 415
	WAEO-	Rhineland WI	540	Dave Pomeroy, Overland Park KS	Dombrowski 195
			tie	Robert Seybold, Dunkirk NY	
13	WAPI-	Birmingham AL	755	Glenn Hauser, Von Ormy TX	Cooper 620
	KERA-	Dallas TX	1150	Robert Seybold, Dunkirk NY	Le Blanc 440
14	WMUB-	Oxford OH	400	Mark Lewis, Downsview Ont	Draeb 370
15	WKPC	Louisville KY (IN)	495	Mark Lewis, Downsview Ont	Seybold 445
16	WUSI-	Olney IL	665	Glen Neal, Sayre OK	Lewis 565
	WNPE	Watertown NY	175	Mark Lewis, Downsview Ont	Rosenberg TIE
18	WNPI-	Norwood NY	495	Roger Brown, East Lansing MI	Merrill 480
19	WHNT-	Huntsville AL	795	Glenn Hauser, Von Ormy TX	Cooper 630
20	WFYI	Indianapolis IN	440	Mark Lewis, Downsview Ont	Seybold 395
21	WKMU	Murray KY	615	Glen Neal, Sayre OK	Draeb 540
24	KVUE	Austin TX	360	Glen Neal, Sayre OK	Hauser 80
			tie	Robert Cooper, Oklahoma City OK	
26	KVRL-	Houston TX	455	Glen Neal, Sayre OK	Hauser 200
27	KMTC	Springfield MO	650	Glenn Hauser, Von Ormy TX	Draeb 580
29	WDXR-	Paducah KY	620	Glen Neal, Sayre OK	Cooper 500
	WGTU	Traverse City MI	320	Robert Seybold, Dunkirk NY	new
31	WAAY-	Huntsville AL	725	Mark Lewis, Downsview Ont	Draeb 675
33	WRBT	Baton Rouge LA	455	Glenn Hauser, Von Ormy TX	new
35	WKMA	Madisonville KY	690	Glen Neal, Sayre OK	Cooper 560
36	WFIQ	Florence AL	745	Glenn Hauser, Von Ormy TX	Cooper 555
38	WKMR	Morehead KY	435	Mark Lewis, Downsview Ont	Rosenberg TIE
40	KFPW-	Fort Smith AR	485	Glenn Hauser, Von Ormy TX	Cooper 175
	WURD	Indianapolis IN	420	Mark Lewis, Downsview Ont	Seybold 380
	WHYN-	Springfield MA	355	Mark Lewis, Downsview Ont	Seybold 340
41	KBMA-	Kansas City MO	840	Mark Lewis, Downsview Ont	Goldman 405
42	WBMG	Birmingham AL	805	J Joel Rosenberg, Downsview Ont	Cooper 625
45	WBFF	Baltimore MD	tie	Mark Lewis, Downsview Ont	
46	WKLE	Lexington KY	330	Mark Lewis, Downsview Ont	Rosenberg TIE
47	WSVN-	Norton VA	470	Mark Lewis, Downsview Ont	Rosenberg TIE
48	WMSL-	Decatur AL	580	Bill Draeb, Kewaunee WI	new
52	WKON	Owenton KY	725	Mark Lewis, Downsview Ont	Cooper 620
54	WCVN	Covington KY	455	Mark Lewis, Downsview Ont	Rosenberg TIE
56	WKBG-	Cambridge MA	410	Mark Lewis, Downsview Ont	Hidley 295
59	WTVU	New Haven CT	420	Mark Lewis, Downsview Ont	Seybold 410
67	WMPB	Baltimore MD	235	Tom Yingling, Baltimore MD	new
			325	J Joel Rosenberg, Downsview Ont	Day 290
			tie	Mark Lewis, Downsview Ont	
68	WKMJ	Louisville KY (IN)	495	Mark Lewis, Downsview Ont	Brown 315
71	K71BP	Great Bend KS	205	Robert Cooper, Oklahoma City OK	new
	K71BO	Herrington KS	215	Robert Cooper, Oklahoma City OK	new
	K71CG	Willmar MN	375	Fred McCormack, Des Lacs ND	WCCO-4 new
	K71__	Turkey TX	95	Glen Neal, Sayre OK (nominally K70BH)	new
72	K72BB	Texhoma TX	145	Glen Neal, Sayre OK	KGNC-4 new
74	K74DK	Madera CA	100	Dennis Smith, Wasco CA	KQED-9 new
75	K75CH	Junction City KS	240	Robert Cooper, Oklahoma City OK	new
	K75CP	Willmar MN	375	Fred McCormack, Des Lacs ND	KMSP-9 new
76	K76AW	Texhoma TX	145	Glen Neal, Sayre OK	KVII-7 new
	K76AN	Turkey TX	95	Glen Neal, Sayre OK	KFDA-10 new
77	K77CI	Willmar MN	375	Fred McCormack, Des Lacs ND	WTCN-11 new
80	K80CN	Mariposa area CA	140	Dennis Smith, Wasco CA	KQED-9 new
	K80AS	Texhoma TX	145	Glen Neal, Sayre OK	KFDA-10 new
82	K82BM	San Benito Mtn CA	95	Dennis Smith, Wasco CA (xmtr move)	Smith 85

AURORAL TVDX: Please compile and send a list of all low- and highband TV stations identified via the aurora (not auroral-induced Es) for publication in an upcoming issue. Thx

TV SCOREBOARD

DXer, Location	Stns	UHF	Es	States	Prov	Lands	YB	As of:
Robert Seybold, Dunkirk NY	530	165		49+DC	8	6		15 Oct
Bill Draeb, Kewaunee WI	467	158		41+DC	6	3	53	23 Oct
Robert Cooper, Oklahoma City OK	386	141		40	5	7	69	9 Nov
Dave Janowiak, Milwaukee WI	366	103		45+DC		3		1 Nov
Glen Neal, Sayre OK	344	71	165	40+DC	4	3	66	1 Nov
Roger Brown, East Lansing MI	325	139		39	5	4		1 Nov
Gary Olson, Deerfield area IL	303	92		38+DC	7	5		8 Sep
Mark Lewis, Downsvie Ont	265							27 Oct
Bill Heusmann, Steger IL	259	79	79	37	6	5	64	10 Oct
Morrie Goldman, Chicago IL	247					4	64	28 Aug
Fred McCormack, Des Iacs ND	242	29	140	39	6	3	64	31 Aug
Frank Wheeler, Erie PA	232	36	105	32+DC	9	3	55	26 Aug
Ron Le Blanc, Marrero LA	197	39	55	30	2	6	67	4 Nov
Les Prus, Manhattan KS	176	10	84	34+DC	5	3	69	7 Sep
*Jerry Pulice, Staten Island NY	164			32+DC	3	3		6 Jun
Glenn Hauser, San Antonio area TX	157	21	61	33	1	4	71	14 Nov
Don Ruland, Kenosha WI	151	53	5	22	1	2	71	8 Nov
J Joel Rosenberg, Downsvie Ont	149	61	37	28	4	2	69	30 Sep
Joe Kureth, Southern Pines NC	145	29	55	26+DC	4	4		1 Aug
*David Cox, Carrollton AL	142			30	5	5		6 Jun
Dennis Smith, Wasco CA	143	25	86	25	3	3	54	20 Oct
Larry Vogt, Springfield VA	142	61	44	30+DC	2	3	62	7 Nov
Dave Egan, Valleyfield PQ	135	3	38	31+DC	4	2		3 Oct
Paul Luchter, Oceanside NY	135	52	46	27+DC	3	2	67	8 Aug
Pat Dyer, San Antonio TX	131	2	73	34	2	5	59	13 Oct
*Paul Polin, Morton Grove IL	130			16	2	6		11 Jun
Harry Hein, Chicago IL	128	62	14	17	1	2	70	3 Nov
Bill Migley, Lancaster OH	123	40	37	25	6	3	66	31 Aug
Fred Nordquist, North Syracuse NY	107	19	28	19	2	2	69	4 Oct
Jim Pizzi, Orcutt CA	106							27 Aug
*Roy Horsley, Steele AL	97	17		18	4	5		12 Jul
David L Brown, Farmville VA	91	4	53	23+DC	5	4	70	1 Nov
Pat Dyer, Gunbarrel Hill CO	48		28	28	3	3	71	7 Sep
Dennis Smith, Santa Barbara CA	35	12	8	4	0	2	51	20 Oct
*Dave Alpert, Morton Grove IL	28			5	0	1		11 Jun
*David Swanson, Margarita CZ	15			2	0	6		3 Jul
Dave Egan, Valleyfield PQ	115 V	2	35	31+DC	3	2		3 Oct
*Tom Yingling, Baltimore MD	70 V			21+DC	1	3	68	1 Jun

*Listing will be dropped unless updated by 12 Jan. Please figure the totals yourself even if you send me a copy of your entire log, preferably arranged by channel, showing prop.

Xmtr locations: NJ lost its only VHF on 6 Sep when WHYY-12 moved to PA. If you live near a border (e.g. St Louis, Chicago, Columbus, New York, Philadelphia, Louisville, Cincinnati, Savannah etc.) please phone your local FMS to find out which transmit from which state. Larry Vogt says DC stations WGAY-99.5, WGMS-103.5, WWDC-101.1 xmit from MD, and WETA-90.5, WMOD-98.7 are in VA. Note that Boston's new WCVB-5 counts as a separate station from WHDH-5 under our rules. Comments: Bob Cooper has 40 UHF xlters and 13 Mexican provinces. "I am sorely in need of some E-skip."-(Ruland). "I made an error in counting my station totals...I would suggest careful auditing by others!"-(Brown) "I say lightning scatter should be lumped in with tropics DX."-(Olson) "TV is my next most liked of DX'ing next to ECB DX."-(Yingling) "Your Mexican FM list is very needed... Began DXing 1961, but only kept log since 1969. All stations rec'd 61-69 down the drain."-(Bishop) "I really have been TV-DX'ing for as long as I can remember, but my first written records date back to 1966."-(Neal) "Keep up the good work on the stats column... it spurs competition amongst us."-(Nordquist) "...I'm still using strictly rabbit ears up here..."-(Merrill/Toledo) "Certainly wish we could include the totals of the Wisconsin crew, including Ferdie...that would make it much more realistic."-(anon.)

73 de Glenn

EASTERN TV DX

Dave Pomeroy
 Channel 19
 1211 McCee St.
 Kansas City, Mo. 64106
 Deadline: December 13

In an effort to equalize the load among the three TV-DX columns, the Eastern column now includes eastern Canada and Pennsylvania which were formerly included in Roger Brown's Central TV-DX column. So, if you're in the affected area, start sending your reports to me. Also, since this is your column I welcome your comments and suggestions. This last month, Jerry Pulice suggested that I make the column more "folksy," that is, include more comments from reporters. Accordingly, I will do so--but I must have comments to include. I will also mention in this month's column that it does take a few hours to put together even a small number of reports. Therefore, please type your reports and include all information that you want included. This will insure accuracy and gives your report a better chance of appearing in the VJD earlier. I am sure other editors will appreciate typed reports also. Thanks for your cooperation.

Fred Nordquist, 302 Sandra Lane, Syracuse, New York 13212 (EST)
 7-9 Es 2237 UNID-2 to south 8-9 Tr 2245 WUTV-29 Utica, NY
 7-10 1259 WDAF-4 Kansas City, MO 9-15 Es 1900 UNID-2,4
 7-11 2215 UNID-2 to SSW 10-1 Tr 0130 WNEW-5 New York, NY
 7-12 1731 UNID-2 to west 10-2 0200 WXYZ-7 Detroit, MI
 1733 KTVI-2 St. Louis, MO 0205 WWJ-4 Detroit, MI
 2030 WMT-2 Cedar Rapids, IA 0210 CKLW-9 Windsor, Ontario
 8-2 2100 UNID-2 to south 0217 WJBK-2 Detroit, MI
 2155 WAIQ-2 Dozier, AL 10-31 CW 1900 WNPE-16 Watertown, NY
 9-3 1015 UNID-2 to south 11-1 2252 WHPI-16 Norwood, NY
 (Totals now at a meager 109 logged, to wrap up a very poor TV-DX season. Better luck next year. 73 Fred. I hope so, dp)

Jerry Pulice, 143 Gibson Avenue, Staten Island, New York 10308
 7-12 Es 1730 KFUL-4 Superior, NE 7-23 Tr 2330 WITF-33 Hershey, PA
 1750 KTVO-3 Ottumwa, IA 7-24 0615 WNDI-5 Boston, MA
 1805 WREC-3 Memphis, TN 0615 WXEX-3 Richmond, VA
 1900 KDAL-3 Duluth, MN 0615 WWBT-12 Richmond, VA
 1900 KARD-3 Wichita, KS 0830 WCAN-13 Portland, ME
 1910 WDSH-6 Superior, WI 0830 WAST-13 Albany, NY
 1930 KALO-3 Mason City, IA 0830 WFFF-45 Baltimore, MD
 7-13 Tr 0630 WWBT-12 Richmond, VA 8-1 2330 WITN-7 Washington, NC
 0700 WDFB-12 Binghamton, NY 2330 WAVY-10 Norfolk, VA
 Es 2019 UNID-2 6 offset with WCBS 2330 WVEC-13 Norfolk, VA
 7-16 Tr 2235 6,7,10,12 Massachusetts 2330 6,10,12 Massachusetts
 2235 WSEK-38 Boston, MA 2330 WBOC-16 Salisbury, MD
 2235 WCBX-44 Boston, MA 2330 WCTI-12 New Bern, NC
 2234 WKBC-56 Boston, MA 8-12 Es 1930 as high as channel 5
 2235 WEDW-49 Bridgeport, CN 8-9 Ms 0630 WMAQ-5 Chicago, IL
 2235 WEDH-53 Norwich, CN (many other excellent bursts)
 7-17 Es 0900 WTVY-4 Dothan, AL 8-10 Tr 0630 WHEW-5 Syracuse, NY
 0930 WSAV-3 Savannah, GA 0710 WITN-13 Huntington, WV
 7-22 Tr 0800 WJAR-10 WPRI-12 RI 0710 WBOC-16 Salisbury, MD
 Es 2100 UNID-2 8-14 0005 WQED-13 Pittsburgh, PA
 7-23 Tr 0730 WFOC-16 Salisbury, MD 0005 WXEX-3 Richmond, VA
 0730 WAST-13 Albany, NY 0545 WFBC-10 Altoona, PA
 2330 WPRI-12 WJAR-10 RI 0605 WRCB-6 Schenectady, NY
 2330 WWBT-12 Richmond, VA (continuation of this report in Jan. VJD)

Ronald J. LeBlanc, 2524 Arizona Drive, Marrero, Louisiana 70072 (CST/CDT)

9-13 Tr 0700 KHTV-39 Houston, Texas 4555R	10-25 Tr 1930 KHOU-11 KPRC-2 KHTV-39KTRK-13
0705 KHOU-11 Houston 4455R321	10-26 1730 KHTV-39 KHOU-11 KTRK-13 KPRC
0730 KTRK-13 Houston 3455R321	1900 XHX-10 Monterrey, NL 3344R700
2300 KATV-7 Little Rock 3455R350	2230 KVRL-26 Houston, TX 2031N321
2305 KTHV-11 Little Rock 3255R350	(through local WWOM-26 New Orleans)
2330 KSLA-12 Shreveport 3255R	2400 KZTV-10 Corpus Christi, TX
2430 KZTV-10 Corpus Christi 2355	2440 KBMT-12 Beaumont, TX 3455R244
2455 WHBQ-13 Memphis 2255R366	0105 WHBQ-13 Memphis, TN 3454R366
0100 WBRC-6 Birmingham 2255R320	0115 WBRC-6 Birmingham 3355R320
0101 WREC-3 Memphis, TN 2155R366	0120 KPLR-11 St. Louis, MO 3455R610
0110 KPRC-2 Houston, TX 2355R321	0125 KTVI-2 St. Louis, MO 3555R610
Others received this date include: WKRG-5	0126 KTES-3 Shreveport, LA 3255R289
WEAR-3 KLFY-10 KATC-3 KPLC-7 WDAM-7	0140 KMOX-4 St. Louis, MO 3455R610
KLNI-15 WJTV-12 WAPT-16 WMAA-29 WALA-10 10-27	2300 WMAB-2 State College 3041N247
9-14 Tr KTRK-13 KHOU-11 KHTV-39 WMAA-29	0545 WYEA-38 Columbus, CA R337
2000 KTVE-10 ElDorado, AK 3342R285	to WTVM-9 Columbus, CA R337
2001 KATV-7 Little Rock 3232R350	0600 WJHG-7 Panama City, FL R275
2030 WSRE-23 Pensacola, FL 4555R183	WSIX-8 Nashville, TN N432
2130 WDHN-18 Dothan, AL 3355R305	KPRC-2 Houston, TX R321
2200 WEIQ-42 Mobile, AL 4555R138	WAAY-31 Huntsville, AL R375
0100 WAPI-13 Birmingham 4555R320	WHNT-19 Huntsville, AL R375
0105 WBRC-6 Birmingham 4555R320	WMSL-48 Decatur, AL R375
9-25 2130 KHOU-11 KHTV-39 Houston, TX 10-29	2230 KHOU-11 KTRK-13 KPRC-2 TX
to KBMT-12 Beaumont, TX R244	1800 KHOU-11 KTRK-13 Houston, TX
2230 KTVE-10 ElDorado, AK R285	2355 KSAT-12 San Antonio, TX R510
UNID-26 KVRL-26 Houston?	2433 KWTX-10 Waco, TX 3445R441
10-4 1900 WFSU-11 Tallahassee 3144R350	2430 XHX-10 Monterrey, NL 3455R700
1905 WSRE-23 Pensacola 4555R183	0100 KSLA-12 Shreveport 3355R289
1930 WEIQ-42 Mobile, AL 3355R138	0120 KTVT-11 Dallas, TX 3455R485
2000 WCJB-20 Gainesville 3455R472	0135 WBAP-5 Dallas, TX 3455R485
10-16 2000 WRBT-33 Baton Rouge 3255N77	0200 KENS-5 San Antonio 3455R510
(first evening on air--on rabbit ears)	0220 WFAA-8 Dallas, TX 3445R485
(Ron's total now 197 stations. Equipment includes a 7-foot UHF dish at 70 feet, and for VHF a QM-3617 at 65 feet. Three Zenith sets)	

Roy Barstow, P.O. Box 482, Teaticket, Massachusetts 02536 (EST)

5-18 Es 1930 <u>WLBT-3</u> Jackson, MS	7-5 Tr 0045 <u>WVEC-13</u> Norfolk, VA
5-19 Tr 2200 <u>WGAN-13</u> Portland, ME	0100 <u>WTOP-9</u> Washington, DC
5-26 Es 2100 <u>WJXT-4</u> Jacksonville, FL	0110 <u>WAVY-10</u> Norfolk, VA
5-27 1930 <u>WEDU-3</u> Tampa, FL	0135 <u>KYU-3</u> Philadelphia, PA
2000 <u>WHBF-4</u> Rock Island, IL	0150 <u>WCAU-10</u> Philadelphia, PA
5-29 0930 <u>WDCN-2</u> Nashville, TN	0155 <u>WJZ-13</u> Baltimore, MD
1130 <u>WREC-3</u> Memphis, TN	0158 <u>CBHT-11</u> Yarmouth, NS
5-31 1300 <u>WBEM-2</u> Chicago, IL	1000 <u>WMBR-2</u> Baltimore, MD
1305 <u>KTVO-3</u> Ottumwa, IA (MO)	7-17 Es 1000 <u>WDCN-2</u> Nashville, TN
1317 <u>KQTV-2</u> St. Joseph, MO	1000 <u>WVEC-3</u> Memphis, TN
1400 <u>CJOX-3</u> Argonia, Nfld.	11030 <u>WSAV-3</u> Savannah, GA
(CJOX-3 is a satellite of CJON-6, dp)	7-18 Tr 0215 <u>CBHT-11</u> Yarmouth, NS
6-2 Tr 2200 <u>WCBB-10</u> Augusta, ME	7-25 Es 1000 <u>WSB-2</u> Atlanta, GA
2300 <u>WMEB-12</u> Orono, ME	1030 <u>WEAR-3</u> Pensacola, FL
6-17 2100 <u>WHRO-15</u> Norfolk, VA	8-15 1242 <u>WSB-2</u> Atlanta, GA
2130 <u>WCPB-28</u> Salisbury, MD	1300 <u>WESH-2</u> Daytona Beach, FL
2200 <u>WPHL-17</u> Philadelphia, PA	1320 <u>WWAY-3</u> Wilmington, NC
7-5 0001 <u>WKBS-48</u> Philadelphia, PA	10-1 Tr 2200 <u>WHED-15</u> Hanover, NH
0045 <u>WBAL-11</u> Baltimore, MD	10-4 2200 <u>WGBY-57</u> Springfield, MA
(total now 75 stations)	

QSL CORNER

Editor: Bill Matthews
P.O. Box 15306
Columbus, Ohio 43215

Phone: 614-236-0026 (6:00 PM-10:00 PM)
EST

Some excellent verifications for this month - please note the verifications from Puerto Rico and from New Brunswick! Season's Greetings to all WTFDA members and friends. May 1972 bring you happiness, peace, and a mailbox full of QSLs!

ARIZONA: KVOA, Tuscon, channel 4, verified with a card signed by G. E. "Doc" Hamilton.
(Frank Adenit)

FLORIDA: WESH, Daytona Beach, channel 2, sent a printed verification card. Verie signer was Walter Strouse, Vice President and General Manager. Time: 15 days. (David Egan)

FLORIDA: WTHS, Miami, channel 2, replied with a letter in 8 days after the second follow up. Signer was Arthur C. Hafer, Chief Engineer, who stated that they receive 200 - 300 reports per year, so delay in verifying is inevitable. (Egan)

FLORIDA: WEDU, Tampa, channel 3, replied with a letter signed by Orbra Harrell, Chief Engineer. Invited me to visit the station! (Joel Rosenberg) A very friendly educational station - replied to a report of mine in 1968 with a similar friendly response.

GEORGIA: WRBL, Columbus, channel 3, replied with a cordial letter from Joe A. Gamble, Chief Engineer. (Rosenberg) Same...10 days (Egan)

ILLINOIS: WILL, Urbana, channel 12, sent a QSL card in 13 days with information concerning transmitter type and power as well as information on antenna type. (Harry Hein)

INDIANA: WPTA, Fort Wayne, channel 21, replied with a letter in 6 days. Gave antenna height, transmitter type and power. (Hein)

INDIANA: WLWI, Indianapolis, channel 13, sent a letter giving antenna height and power in 9 days. (Hein). The highest "WLW-" channel. Each station replies by letter (WLWI, WLWC, WLWD, WLWC)...but each contains a different type of information! However, a very good policy on the part of Avco Broadcasting.

INDIANA: WSBT, South Bend, channel 22, sent a letter giving location, transmitter type and power as well as antenna height. Also sent a signal contour map - all in 5 days. (Hein)

IOWA: KTIV, Sioux City, channel 4, replied with a letter giving antenna height and ERP....signed by Al Smith, Chief Engineer. (Adenit) Same (Egan) (one month)

KANSAS: KCKT, Great Bend, channel 2, sent a card giving power and antenna height. Signer: W. Ranker, Chief Engineer. (Rosenberg) (Listed as satellite of KARD in Wichita)

LOUISIANA: KATC, Lafayette, channel 3, verifies with a letter. Signer is Roy LeJeune, Chief Engineer, who included tower height and ERP. (Rosenberg)

MARYLAND: WBAL, Baltimore, channel 11, sent a black and white picture of the station with information on the front. Replied in 10 days...signed by Otto Claus Jr., Chief Engineer (Egan)

MARYLAND: WJZ, Baltimore, channel 13, dispatched a letter in 5 days from Robert O. Donahue, Chief Engineer. (Dave Brown)

MARYLAND: WCPB, Salisbury, channel 28, sent a letter and said to be sure to visit the Maryland Center for Public Broadcasting, a program guide, fact sheet, and information on new stations in the planning stage. Verie signer was William F. Hallstead, Director of Development and Community Services. (Paul Luchter) Total time: 13 days. Very good, Paul!

MICHIGAN: WWTW, Cadillac, channel 9, sent a letter in 11 days signed by Murray Tucker, Director of Technical Operations. (Egan)

MICHIGAN: WXON, Detroit, channel 62, sent a letter in 13 days with transmitter location and type, audio/visual power, height above sea level, and height above average terrain. Signed by Richard Nevins, Chief Engineer. (Hein) The exception, rather than the rule, is this verification!!!!!!

MICHIGAN: WNEM, Saginaw, channel 5, replied by letter in 12 days, giving antenna location, height, and power. Signed by William J. Strube, Chief Engineer. (Peter Sawatzky)

MISSOURI: KMOX-TV, St. Louis, channel 4, sent a letter in 9 days with no specific data. Signed by James D. Johnson, Director of Information Services. "This was my 100th station received and the 67th verified" (Hein) Excellent, Harry!

OHIO: What do you do when a station does not reply? Well, after writing follow ups, calling long distance, and seeing no other way, ye editor arranged a VISIT to the elusive QSLer, WXIX, Cincinnati, channel 19, and WKEF, Dayton, channel 22. Upon arriving (after getting lost while going to EACH station (some 45 miles separate)), I was treated most cordially to a tour of the facilities of each. WXIX is an independent station and is quite popular. After an excellent tour of the production facilities, studios, offices, and just about everywhere else, Mr. James Parker wrote out a QSL card for me, which was mailed at my request. At the same time, I was presented with a very large coverage area map. After a hectic drive to Dayton, I was received at WKEF, TV22, by Mr. Lou Woolsey, who gave me a deluxe tour of WKEF, which is listed as Number 2 in the Greater Dayton viewing area. Future plans were discussed - tentative expansion - and the new addition to the building was seen (which cost over \$150000.00). A verification letter was typed and sent, again at my request. In addition, several points regarding "TV DX" were discussed - more on this next month. Now, if I could just have a similar excuse to fly to Hawaii - or perhaps the Bahamas.....

(Bill Matthews)

TEXAS: KFDX, Wichita Falls, channel 3, sent an 8" x 11" card giving transmitter information. (Rosenberg)

WISCONSIN: WBAY, Green Bay, channel 2, sent a QSL postcard with a color picture of the studio building. Information regarding the tower height, power, equipment, and the AM & FM outlets was given. No signer. (Luchter) Same in two months (Egan)

CANADIAN TV QSLs

NEW BRUNSWICK: CKCW-TV, Moncton, channel 2, replied in 7 days with "Lionel the Lobster" card; "one of the most complete TV verifications this DXer has ever seen", giving verification statement, ERP, antenna height, and height above sea level. Signed by K. Connell, Chief Engineer. (Brown) Excellent, Dave. Quite an addition to your collection of verifications!

ONTARIO: CKCO, Wiarton, channel 2, replied with a letter from D. Willcox, Director of Public Relations, giving power, antenna information, and transmitter location. Send reports for this one to CKCO-TV-13, 864 King Street West, Kitchener, Ontario. (Rosenberg) Sorry, station heading should be "CKCO-TV-1, Wiarton, channel 2..." (Ed)

CENTRAL AMERICA

PUERTO RICO: WIPM, Mayaguez, channel 3, letter received in 6 days giving verification statement, status of station (educational), ERP, and Antenna height. Signer was Eliezer Caro Martinez, Station Director. (Brown) Congratulations, Dave, first time a verification from Puerto Rico has been noted! Listed as 35.5 kw. visual, 3.5 kw. aural.

*

*

Thanks to this month's contributors..... Dave Brown in Farmville, Virginia; David Egan in Valleyfield, Quebec, Canada; Frank Adenit in Boise, Idaho; Harry Hein in Chicago, Illinois; J. Joel Rosenberg in Downsview, Ontario, Canada; Peter Sawatzky in Waterloo, Ontario, Canada; and Paul Luchter in Oceanside, New York. Again, Happy Holidays!

25
Editor: Roger W. Winsor
718 N. Fremont
Valparaiso, IN
46383

FM DX

Deadline 10th of the month.

Carlton Howington 13880 Greenland Ave. Uniontown Ohio 44685

Es this year has been very poor for me, but tropo made up the difference. All loggings are tropo. 8/9 WTRE 107.3 @1210A s/off, WCMX 101.7 0100 s/off, WXUS 92.7 AN w/RR & WLAC @2AM (450). 8/13 KWAM 101.1 @0130 w/cw mx, WLOS 99.9 @0030, WFBC 93.7 0100 s/off, WSWG 99.1 best catch of the AM at 740mi, they were AN w/N N mx, WPKE 92.1 weak on AN show w/RR, in PM WIRS 102.3 @9PM WAPI 100.9 @10, WMOT 89.5 @1145 w/RR mx @ 730 watts, WPLN o/WMKY 90.3 @1130P, WHVT 92.1 @1147. 9/14 WRUS 101.1 o/WRED @0831, WLAC 105.9 local @9:15, WSIX 97.9 o/WNCI @0930. 8/15 KCMW 90.9 @7:46P at 665 miles with nothing els in. 8/16 WLISA 90.3 local @8PM, WCAI 89.3 w/no sign of WHKW (635 miles) @8PM, KSJR 90.1 8:30 P in stereo at 720 miles @9PM, w/KSJM 91.1 also strong, KAN U 91.5 in stereo 10PM 740 miles, KCUR 89.3 10PM, WKUB 92.1 @10PM in strong, WATZ 93.5 11:25PM, WHSA 89.9 @1135 s/off, WRW 103.3 @1146, WBAY 101.1 o/WRIF at midnight. 8/17 KROC 106.9 @0020 (600), WEAU 104.5 local like all AM w/cw mx, WTMB 98.9 strong @0100, KNWS 101.9 @0202 s/off at 570 miles, WRIG 101.9 at 0620. 8/18 KCMW 90.9 ID @0130, nothing else. 8/24 WQUT 101.5 strong @ 9:10PM. 8/26 WRAL 101.6 @0625. 9/9 WMRP 105.5 9PM s/off, CKSO 92.7 local like all PM, WATZ 93.5 local 9:30PM, WMIC 97.7 @9:33PM next to super local WAKR 97.5, CHEX 101.5 10PM, WHSB 107.7 local 11PM, WFBE 95.1 @1145PM, WJML 98.9 o/local WKBN 11:45PM. 9/10 WOUR 96.9 mixed w/WGAR @0200, CJMS 94.5 FP @0230, CHFI 98.1 almost o/local WTOP @0250, WCLR 101.9 @0320, WROC 97.9 @0800, WUFN 96.7 strong @0830, WGBH 89.7 @0910, WFCR 88.5 @10AM... 9/14 WCCW 92.1 12:52PM, WABE 90.1 @10PM @535 mi, WRFK 91.1 10:30PM, at times in stereo w/RR, WFDD 88.5 o/local WYSU @1145P. 9/15 WOMI 92.5 @0910, WIUC 98.3 w/local WGCL off @0030, hrd to 0105 s/off. 9/27 new semi local WCIR 103.7 @10:45PM. 9/30 WPKN 89.5 @6:15 like at local at 4:15 mi, WAER 88.3 0630 s/on, WBUT 97.7 0700 s/on, WHGU 97.3 strong @0700, WHUS 91.7-RR @0800, WKRT 99.9 local @8AM, WFSU 88.1 ID @0831 (450 MI 1850w 48 BAT), WBG0 88.3 @0930, WMRV 105.5 10:30, WEKT 98.3 next to WTOP @1100, WQIX 100.9 @1120, WIZR 104.9 @1130 next to 100kw WSOM 105.1 @380 miles, WNYE 91.5 s/on @1200, WFDU 89.1 a/s s/on @1200, WGNR 103.9 @1249, WRVO 89.9 strong all PM w/930 watts @300m, WRUN 104.3 @1:20PM, WCLI 106.1 @1:51 o/local, WHUN 106.3 @2:18PM, WHTG 106.3 @2:30, WRTI 90.1 3PM, WIBF 103.9 @3:55, WCSQ 89.3 @5PM, new WCN Y 91.5 testing w/OC/TT @5:30PM, WVIP 106.3 @5:57, WDHA 105.5 local like @6PM, WHGM 103.9 9PM, WMAR 106.5 8:45. 10/1 WKDU 91.7 0200 s/off, WPDE 96.7 local like 0630, WHBN 99.3 local 0630, WJRS 103.1 local @7AM @320m, WWLV 100.9 7:30A, WRVO 89.9 @ 7PM weak, WPHS 91.5 8 to 10PM. 10/3 WFDT 106.3 0009 s/off. 9/17 local WEBR 94.5 changed to WBCE FM. 9/19 local WCUY 92.3 to WLYT RR mx, is AN. 10/26 and 27 BIG HERE (nothing here hi hi RWW) 10/26 WLIL 93.5 @6:30PM (390), WAPI 94.5 6@50 local @590m, WFMH 101.1 7PM, WPCS 89.3 @8:30P @800m, WLOM 106.5 @9:35P, WAVA 106.3 10PM, WPCS 89.3 @1015, WENN 107.7 local 11PM, WJIN 104.7 local 10 to 11PM. 10/27 WBRC 106.9 0030, WQXE 106.3 0030, WYNK 101.5 0050 to 0105 s/off @900m, WYFY 101.7 local like all AM @480m, WUOA 95.7 @0200 630m, WRSA 96.9 @0130 540m, WLPR 96.1 0158 s/off 800m, WDJC 93.7 0130/0200s/off like a local, best of AM KQUE 102.9 0145 to 0215 @1090 miles and tent on 90.1 w/RR mx KPFT? WIAY 105.5 0300 540m, WNOE 101.1 @0400 w/cw mx @900m, WAID 104.5 @0430, WPRT 105.5 @0505, WPAD 96.9 @0530, WBRC s/on @0530. As of 11/1 log is at 853 with 566 veries, and most is on tape. 73's. (Welcome back Carlton, I was wondering what had happened to you. That 10/26/27 opening was just east of me. Russ Brown has similar stuff, I got absolutely nothing, as there was no fog here like everywhere else. RWW)

Russ Brown 3274 South Lake Shore Dr. St. Joseph, MI 49085

October's unseasonably warm & humid wx in the midwest brought w/it some very super tropo at least to this part of Michigan. Besides the great opening from the 25th to 27th, there were a number of days when "normal" reception was much improved in the AM and evening. 10/25 KANU 91.5 Lawrence KS w/sports @1740 fair \$ level & in 'till s/off but never really improved, KSWT Topeka w/MoR @2100, KCMW 90.9 Warrensburg MO weak w/rock 2315, KCKN 94.1 KC w/cw @2330, KMBR 99.7 KC w/MoR @0015 and then WMC 99.7 Memphis in suddenly around 0200, KROB 99.9 Robstown TX in w/cw @0240 at 1180 miles, KEEZ 97.3 San Antonio w/MoR @0250, (1090), KLOL 101.1 Houston w/prog. rock @0315 (1000), KRBE 104.1 w/"Solid Gold" format @0330, KYND 92.5 Pasadena w/MoR @0345, KLYX 102.1 Clear Lake City ending nx @0359, then MoR, these Houston stations were extremely strong at times and lasted 'till 0445, cx became poorer towards dawn unfortunately. I might add Andy Bolin woke me @0200 to tell me TX was pouring in at his place. I had gone to sleep @0030 thinking cx probably wouldn't improve until sunup. Later on the 26th WSIX 97.9 Nashville w/metro country @1730 (425), WSM 95.5 w/wx @1745, WRUS 101.1 Russellville KY w/nx @1800, WAPI 94.5 Birmingham w/nx @1805 (605), WRCK 106.6 Tusculumbia AL mtng temp w/AM s./off @1614, then cw (520), WVNA 100.3 same wx @1837 (520), WSLI 96.3 Jackson MS w/ID @2022 (720), KSMB 94.5 Lafayette IA @2030 (890), WNOE 101.1 New Orleans w/cw @2056 "super stereo" (875), WAFB 98.1 Baton Rouge w/HP @2105 (855), WWAG 94.1 Carrollton AL w/MoR mx @2208 "serving western Alabama and eastern Mississippi" (638), WHIC 94.3 Hardinsburg KY w/cw @2230, WEN N 107.7 Birmingham w/soul @2245 (605), WDBL 94.3 Springfield TN w/MoR @2255, WREK 91.1 Atlanta w/prog. rock 2330, WDOD 96.5 Chattanooga saluting "the church of the day" @2333, WLAY 105.5 in Muscle Shoals AL w/ID @2359. 10/27 WALT 97.1 Meridian MS w/ID during 0002 s/off (7250), WSB 98.5 Atlanta w/nx @0004, s/off afterwards (600), WHYD 107.3 Columbus GA w/cw @0011 "H Y D Radio", WKLS 96.1 Atlanta w/MoR @0100, WYFY 101.7 Columbia TN w/top 40 @0017 slogan sounded something like "high fly"; @0200 cx improved to the east w/CKFM 99.9 Toronto in w/nx, such as CECA, CHFI, CKDS very strong; WBYU 95.7 New Orleans w/MoR @0213 "stereo 96" (how original) or "Bayou stereo", WVSL 105.3 Slidell LA w/rock @0300, IDs all mentioning WEGS 1560 too even at this hour when they aren't on, f/0400 to 0600 signals were extremely strong to the SE, but IDs tough in heavy CCI, gospel station on 97.1 mtd GA frequently so perhaps WFOX, but even on tape I can hardly understand the announcers accent. WDCC 95.5 Prestonburg KY w/cw @0430 thru WSM, WTCO 103.9 Campbellsville KY w/cw @0455, WVAP Charleston WV w/gospel @0505, looked hard for needed SC, but no luck, cx still good @0600 when I had to give up for lack of sleep. Finally Chicago's WBEZ 91.5 may soon join the NPR providing the school board can come up with the \$\$\$ for the extended sked, this may make WBEZ an easier catch in the future. 73.

Mr. Pat Dyer 327 Solar Drive San Antonio, Texas 78227

Not very much of interest has come my way with FM DX lately. Just pretty much the normal trop range to Houston stations every night eg KPFT, KYND, KODA. October 25 1130 CST KLBK 94.5 Lubbock TX (350) seems to be the only thing worth mentioning. This was part of a good trop session that I just caught the fading sessions of. I might try for some MS with the FM for the Leonid shower, but as with the Perseids, the TV with the easy to ID test patterns will probably be the priority item. 73. (Pat, as you can see, you really got in on the tail of a wild tropo session, go on to next page and Dr. Richard Wood in Baton Rouge. RWW)

Richard E. Wood Louisiana State Univ. Baton Rouge, LA 70803 CLT

A magnificent opening to the midwest and as far north as Buffalo introduced me the manifold delights of FMDXing on 10/26 & 27: FM stations also seem to be friendlier verifiers than AM; highlight here is a long friendly phone call from the manager of WDRU 92.7 Drew MS who taped an interview with me for regular on air use as a station promo. Now to October DX reported, those verified under lined, by letter unless specified. 10/5 WPCS 89.3 Pensacola FL 5:45 to 6pm Lifeline, religious (235). KYND 92.5 Pasadena 11:45 to midnight (254), NKAYD 97.5 Beaumont TX 10:34 to 11pm EL (???) RWW (200), sent card, WROA 107.1 Gulf port MS 11:15 to 11:30pm ABC FM NWk mx, EL (130). WCCA 94.1 McComb MS 6:00 to 6:15pm MoR (93). 10/6 WBIL 93.7 Biloxi MS 5:13 to 5:15 old hits (139), WGST 92.5 Forest MS 7:45 to 8pm CW (167), WHOD 104.9 Jackson AL 6:05 to 6:20pm EL. s/off for AM @6:15 (183), KUAM 96.5 Houston TX 10:14 to 10:34pm RR (254), KSPL 95.5 Diboli TX 5:49 6:10 CW (245), KODA 99.1 Houston 1:14 to 0130 EL, KOOI 106.5 Jacksonville TX 8:30 to 8:45pm EL, electronic mx (272), KRBE 104.1 Houston 0015 to 0030 solid gold RR, KLYX 102.1 Clear Lake City TX but per verie now xmtng from downtown Houston "on reduced power" 0045 to 0100 MoR, KBPO 94.1 Beaumont TX 0030 to 0045 EL (200), KCAW Pt. Arthur TX 0230 to 0250 cw (195), KTAL 98.1 Texarkana TX 0246 to 0300 cw (256), WJNS 92.1 Yazoo City MS 5:30 to 5:45pm cw (160), WSWG 99.1 Greenwood MS 0012 to 0030 am NN (212), WCIS 104.9 Moss Point MS 6:15 to 6:30pm cw (154). 10/7 WPEX 94.1 Pensacola FL 0105 0125 EL (235), WKRG 99.9 Mobile AL 0015 to 0033 HP^{TV} (186), 10/9 KFMV 107.9 in Magnolia AR 5:30 to 6:40pm EL old hits (270), KAGH 104.9 Crossett AR 4:30 to 5:20pm live sports, cw (265). 10/12 KEEZ 97.3 San Antonio 6:19 to 6:35pm ABC mx, hits (387), KITY 92.9 6:40 to 6:50 pm MoR, KNRO 106.9 Contos TX 5:20 to 5:35pm EL (256), KVLG 104.9 LaGrange TX 5:40 to 6pm Columbus Day pgm (348), KFRD 104.9 Rosenberg TX 5:55 to 6:08 cw mixed w/KVLG (279). 10/18 KUHF 88.7 Houston 4:25 to 5pm old hits, MBS mx, KRLY 93.7 Houston 0130 to 0150 RR, KFMK 97.9 Houston 0015 s/off w/God Bless America, KEFM 103.3 Nacogdoches TX 0113 0140 EL (240). 10/19 KHCB 105.7 Houston 0014 to 0045 religious in SS, KSFA Nacogdoches 0115 to 0140 RR, cw, KELD 103.1 El Dorado AR 0342 0410 MoR (209), WHBQ 105.9 Memphis 0326 to 0350 solid gold RR (328), WNSL 100.3 Laurel MS 0500 to 0515 s/on w/SSB, into nx (150), WMC 99.7 Memphis 0410 0430 farm nx, hits (328), KIKK 95.7 Houston 0037 to 0045 cw, KGBC 106.5 Galveston 10:27 to 10:50pm EL (245). 10/20 WNLA 105.5 Indianola MS 0811 to 0825 hits (213), WWSM 105.5 Bay Minette AL 0825 to 0845 soul (190), WALT 97.1 Meridian MS 11:25 to 11:40pm MoR (196), WDRU 95.3 Drew MS 10:25 to 10:50pm MoR (225), KRIL 99.3 El Dorado AR 8:00 to 8:35 pm RR, requests (209), WDSK 92.7 Cleveland MS 7:20 to 7:50pm soul (227), KARK 103.7 Little Rock 6:25 to 6:50pm solid gold RR (299) returned rpt, KNOE 101.9 Monroe LA 5:40 to 6:15 hits (151), WKOZ 105.1 Kosciusko MS 8 to 8:15 AM MoR (182). 10/21 WFFF 96.7 Columbia MS 5 to 5:20pm UPI nx, MoR (120), WAID 104.7 Memphis 0147 to 0210 EL (328), KGUS 97.5 11:48pm to 12:05 on 10/20 to 21 EL nx, s/off no SSB (298). 10/21 WJMI 99.7 Jackson MS 5:10 to 5:30 pm Old Hits (139), WJLN 104.7 Birmingham 0035 0105 Ugr (330). 10/24 KPAC 98.5 Pt. Arthur TX 10:15 to 10:45pm classical (195), KSIX 93.9 Corpus Christi 10:35 10:14 religious "Songs in the Night" off no SSB (419). 10/25 KRID Dallas 92.5 0003 0015 solid Beatles weekend (367), KBOX 100.3 EL, KTFM 102.7 San Antonio Solid Gold RR 0150 to 0205 (419), KNUS 98.7 Dallas 2:27 to 2:40am Prog. RR, KEXL 104.5 San Antonio 0025 to 0050 ID as "progressive radio for San Antonio", KOAX 105.3 Dallas 0130 to 0150 EL (367), KINB 107.3 Poteau OK 6:45 to 7:05pm CW ID as "Kinbee" (376), KDNT 106.1 Denton TX 6:22 to 6:45 in SS (396) sent card, KBUY 93.9 Ft. Worth 11:36pm Mnt religious cw (295). Then the real DX began: 10/26 WWTO 105.7 Peoria IL 0102 to 0137 RR (716), steady signal w/occasional Ms bursts from other stns, WNAP 93.1 Indianapolis 11:08 to 11:30pm latest RR (701), quasi local throughout the night, WKMS 91.3 Murray KY 11:25 11:45 "Call Me" RR request show by YL CJ at 450 miles, my first DX educational stn,

Wood (Cont'd) 10/26 WSIE 88.7 Edwardsville IL 10:40 to 11:05 long nx, many remotes, 11:01 into MoR "Nightboat" (510), WDYN 89.7 Chattanooga TN religious s/off w/SSB @11pm (465), WRAS 88.5 Atlanta 10:20 to 10:36 RR (457), WIL 92.3 St. Louis 11:00 to 11:30 ABC nx, EL (567), KTXR 101.5 Springfield MO RR in lovely \$ at 482 mi., KEYN103.7 Wichita KS for my farthest catch to the NW, 612 miles 0138 to 0200 solid gold RR, KAKC 92.9 0002 0020 Tulsa OK solid goldRR (479), KRMG 95.5 0015 to 0030 EL, KPAD 94.9 Cleburn TX 0204 to 0235 cw (380), KNOK 107.5 Ft. Worth 0130 to 0200 uptempo instrumentals. The opening continued on the 27th: WBIR 103.5 Knoxville 0450 to 0505 transcribed religion, into CBS nx (565), WSM 95.5 Nashville 11:57 to 12:15 am EL (467), WRSA 96.9 Decatur AL 0020 to 0030 EL (433), KGMO 100.7 Cape Girardeau MO 0065 to 0115 MoR (480), The opening centered on Indiana (Naturally, nothing was doing here in Indiana RWW) WVTS 100.7 Terre Haute 0046 to 0107 EL (653), WBOV 107.5 0355 to 0405 nx, MoR, WIFE 107.9 Naptown 0322 0340 EL (701) sent card, WPMI 98.2 0038 0050 Montgomery AL EL (317), WHYD 107.3 Columbus GA 2:00 0230 cw (385), WGEE 103.3 Indianapolis 0313 0325 RR (701), KWXI 97.1 Ft. Worth 10:55 to 11:30pm TSN nx, WATM 104.1 Atmore, AL 0500 0515 s/on w/SSB into nx, cw (235), WDOD 96.5 Chattanooga 0436 0452 farm nx, cw (465). Then my gem, Es no doubt (doubt it Richard, more likely tropo burst judging by duration RWW) a pleasant surprise at 3:58 until 4:15AM WBEN 102.5 Buffalo w/SSB s/on @0358 into detailed nx (1094), WZGC 92.9 Atlanta 0234 to 0250 solid gold RR. 10/28 WTVY 95.5 Dothan, AL 0040 to 0100 RR tos/off w/SSB (347), WCOA 100.7 Pensacola FL 0100 to 0125 MoR (235), WVOC Montgomery 0129 to 0145 HI (317), WMAI 107.9 Panama City FL 0300 to 0315 HI (340). In September DX, Dave Brown's unID FF on 94.3 need not be CJMS or any Canadian, just as likely KLEB in Louisiana's cajun country. KVPI 93.3 Ville Platte is FF throughout the daytime hours. Nice ducting to the Waco/Austin area of TX on the night of 11/5 and 6, new were: KUT 90.7 Austin 11:50pm to 0010 am soul, ABC comtemp. nx 12:00 (390), WTAW 92.1 College Station 11:45 Lifeline, 0000 s/o ff s/SSB (305), KMFA 89.5 Austin 11:30pm classical, 0006 SSB s/off, KASE 100.7 0012 to 0030 big hard, WACO 99.9 0024 to 0035 cw (359), KYLE 104.9 Temple 0045 0107 EL, s/off w/SSB (368), KVIL 103.7 Dallas 0145 to 0205 oldies, KFWD 102.1 Ft. Worth 0130 to 0145 EL, KEFD 95.5 Waco 0218 to 0230 RR, WFAA 97.9 Dallas 0200 to 0230 EL. Two significant loggings to short to report this month. 1st a M3 brief log of WWA 98.7 Wheeling WV luckily at ID time 12:14 am on 10/21 peak day for Orionids (thanks to Glen Hauser for the tip). Then on 10/27 KMOX St. Louis 103.3 noted 0307, but soon overtaken by WGEE.

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FM DX finally hit southern Calif. on 7/26. Using nothing more than a TV antenna and a Kerwood rx, the following came through with local like quality for about 40 minutes. KFKF Bellevue, Wash. 92.5 w/Drake "Solid Gold" mx, Mutual nx end 1557, ID 1500; KIT Yakima, Wash. 94.5 w/ABC FM net news end 1630, slow female jingle, 1640 ID, soft background mx; CFMH New Westminster BC 101.1 w/adule MoR mx, Red Cross PSA 1531, ID "a good feeling for greater Vancouver", no ment. of New Westminster. Also, a tentative ID on KIXI FM Seattle, Washington 95.7 at 1640. These were rx'ed from Pacific Beach area where hills block the Los Angeles locals from coming in. A friend, Larry Peterson in Escondido rx'ed two other stns on 7/26: KBRO Bremerton, Washington 106.9 1400 news, ID 1417 "This is stereo 107"; CBU Vancouver BC 105.7 news summary 1424, ID 1225 "music soft and single (?)". This is the first time I have ever noted FM DX in this area. TVDX on 7/26 was only fair. 73. (Ed note: this was inadvertently left out and Bill forwarded this on to me. I must have lost it in the avalanche of this summer. While on my soapbox, will you members please try to limit your reports to about a page max, you ought to try and sit and type these things for hours on end. Neff said. RWW)

Glenn Hauser PSC Box 42309 Kelly AFB Texas 78241 USA

This month saw Es on the 8th and a huge tropo opening on the 25th and the 26th...plus occasional MS, pushing my 8 month total over the 200 mark. It was particularly strange to be getting MS and tropo from the same station simultaneously! On the local scene, KPFT was hit by a strike of its volunteer staff, but stayed on the air when other volunteers appeared. Reason's unclear, but the GM's firing seemed to spark it. However, KPFT left the air 11/3 and was still of 11/5. I'd sure hate to see program detail totally eliminated from VUD...would make for very dull reading indeed. These details can definitely help others to ID the station. (I agree Glen, but then just how much detail should be put in, certainly not the name of every sponser hrd as is the case in your report. Please return to sending your reports in paragraph style, everyone else does. RWW) 10/8 unID Es on 88.5 and 89.3 @1821, 1824 WUSF 89.7 FL chamber mx to 1830 ID, into more clx mx to 1900 ID, mx, 1844 WDBO 92.3 FL local spot, ID @1859; into PSA then out, 1846 WTLN? 95.3 soul mx, PSAs, 1848 WJAX 95.1 FL to 1850 ID. 10/12 89.3 WPCS? trop religious stn, weak, east; also MS bursts from same, especially @2047. 10/20 MS 89.7 @0656 WDYN? sermon, atn. S, 0747 89.7 WUSF clx mx, 0758 WSIE 88.7 St. Louis area mx, 0759 90.9 WILL? open pgm from Duke University. 10/21 0634 88.9 XHM? Mexico DF set up for this stn and SS burst now and a couple pings later. 0738 WMBI 90.1 gospel harmony; ant. NNE o/KPFT. 10/22 0821 WHA 88.7 BBC Science Magazine in super burst. Also WHKW 89.3, WHIA 90.3 and WHMD 91.5 // to 88.7, 0839 WDBJ 94.9 VA ments of Roanoke in local manner. 10/25 tropo! 1118 WTAW 92.1 College Stn TX o/NKBT w/references to area, 1112 KOCV 91.3 Odessa TX LBJ Library PSA & ID, 1126 KBIM 94.9 Roswell NM to 11:30 ID, 1135 KBYE? 98.9 OK City soul mx, seemed NW, nothing else in this area or closer known on freq., 1209 KMWU 89.1 Wichita KS (585) IDed @1259 as Public Radio for south central Kansas, still in @1850 fully quieted; power up from 220w? 1210 KGCC 89.7 Denison TX (330) PSA, ID @1229; 1427 still in while most others faded, 1213 KCSC 90.1 Edmonk OK (445) PSA local wx @1243, some KPFT QRM, 1220 KEBC 94.7 OK City (430) cw, ID @1229, 1249 KDNT 106.1 Denton TX automated light mx, 1254 KINB 107.3 Poteau OK local spots, still good @1327 claiming 100kw, 1342 KNOK 107.5 Ft. Worth claiming 100kw (scratch above 100kw item. See why I want paragraph form Glen? RWW) 1527 KWFOE 106.9 Clinton OK ID, wx, 1534 KCCO 98.1 Lawton OK local mx, vy weak, 1541 KANU 91.5 Lawrence KS (695) suddenly in, still @2129 w/ID mx; 1559 KNTU 88.5 Denton TX (285) mx by a local, fade out @ID, back @1629 w/ID rock mx, 1609 KVTI 91.7 Dallas (265) hrd local wx @1644; 1729 KARE 107.3 Wichita KS ID "Sound of the good life", then wx, 1747 KJRG 92.3 Newton KS (605) usual neuter mx, local ads 1846 ad/ID, 1901 KJET 107.7 Beaumont TX (280) mx sponsored by Texas Prison Rodeo in Huntsville, 2002 MS and tropo WPCS 89.3 FL w/hymns, 2058 MS from same stn, 210I long version of God Bless America & off 2104, also next day, all day! 2112 KXCV 90.5 Maryville KS (790) UN voting replay w/NPR comtry, 2231 ID as "Stereo voice of Northwest Missouri State College". 2147 KET 94.1 Monterrey NL (265) local ad Banco de Comercio de Montarrey, clx mx, mucho KBPO QRM, ant. N. 2151 WKYV MS cw mx, 2210 ID, 2206 KOOI 106.5 TX local mx, 2341 KAKC 92.9 OK (500) weak pop mx, 1st hoped KWBE, 2351 again tnx to KITY's early departure 2359 ID "KAKC Stereo 93 solid gold". 10/26 0453 WMC 99.7 TN local wx, 0459 KXOL 99.5 TX (250) KXOL AM & FM wx, 0502 WHBQ 105.9 TN 0508 solid gold ID, 0509 WSJC 107.5 MS Mendehall ad, ID in passing, 0511 MS WTMA 95.1 SC giving address in "Queen City" and "here in Charleston", 0513 WPCS 89.3 again to 2100 s/off, 0514 88.5 MS WFDD NC item about Wake Forest, 0515 WKES 88.9 tr/MS TN to 0729 ID "Your channel of blessing", 0526 WSIE 88.7 IL 0527 Dateline w/Lee Dorsey, 0530 ID, soon gone, 0602 MX KDPS 88.1 IA local reference, 0710 KAWB 95.3 TX "here on KAWB radio", 0713 WKXI 94.7 MS ID, 0718 WSIU 91.9 IL local wx, soon gone, 0821 WDYN 89.7 TN hymns 0828 ID, and 2105 WAPI 94.5 AL NBC mx, local ads w/KLEF.

Andy Bolin 709 Lincoln Avenue, Charleston, Illinois

Time for another report, so here goes. On 10/26 in the AM conditions were set up for long distance tropo, so I sat up and waited, and for once I guessed right. All of the following are new loggings, because this past summer was my first, so I haven't heard much on skip (all Texans) Things started @0140 w/KTAL (545) Texarkana 98.1 w/cw, 0202 KLOL Houston "stereo K 101" 101.1 (805) was in with a weak signal w/\$/UG, between 0215 and 0230 Houston built up to a super level, in fact @0235 KLOL was in on my \$20 transistor and its 2' whip. 0240 KIKK 95.7 Houston w/\$/cw, 0241 KLYX "clacks" 102.1 Clear Lake City (820) w/\$MoR, 0300 KODA 99.1 w/local nx, 0337 KYND "kind" Pasadena 92.5 (800) w/\$MoR, 0340 KEFZ 97.3 San Antonio w/\$RR (930), @0342 my farthest tropo catch KROB 99.9 Robstown (985) w/cw, 0359 KOCY 96.1 OK (590) w/Rock \$ and even more dead air. 0500 KHIG Paragould AR in w/\$s/on. This one was a great tropo, it sounded like Es more than tropo. Things that are heard in the daytime @350 miles didn't make it at all. However, in the pm tropo was back again for round two. This time it was masses of signals from all directions, except NW, out to 450 miles, but farther in the south, and more widespread. 1645 WRAJ 92.7 Anna, IL #106 from IL, leaving only 3 to pick off. 1730 KRMD Shreveport (590); 1745 WSB 98.5 GA 98.5 w/\$ MoR, 1805 WDRM 102.1 AL, 1915 WJMI Jackson, MS w/\$jingle, 1930 WNOE 101.1 New Orleans, LA (670) w/\$cw, 2000 WCRT 96.5 Birmingham AL (430), 2003 WSLI 96.3 Jackson, MS, 2005 WFMH Cullman AL, 2145 WDAL 101.3 Meridian MS (500) \$UG, 2157 WBYU 95.7 New Orleans w/nx/MoR, 2244 KNOE 101.9 Monroe LA (555) \$w/jingles, nx. RR. 10/27 0100 KMYO 95.7 Little Rock w/\$ID/MoR, 0200 WWOM 98.5 IA w/UG, 0210 KTAL again when CHFI would null, 0220 WPEX 94.1 Pensacola FL (640) w/\$ID/MoR. Around 0230 0345 KPFT Houston and KLYX were back again. 0230 WFMJ 98.9 Montgomery AL (510) ID\$, 0330 WQXI Smyrna GA (440) 94.1 w/RR, 0437 WBRC 106.9 AL w/RR, 0610 WHIC 94.3 Hardinsville KY. After 0630 all signals dropped out. During the tropo I got real lucky and hrd 2 MS ids, 2200 with the beam south on 98.3 I heard a ID from WBYS Canton, IL ag a great 150 miles. On 10/27 @0547 while checking to see if WBYU was still in, hrd a jingle from KIKK Houston, States 31, and total 594. Merry Christmas!

Robert Eddy Box 123 Newport, Ohio 45768

I guess it's time for another report. First, I'd like to congratulate BE on his 1000th station. That's quite a feat that any DXer would be proud of. It sure shoots holes in the "VHF line of sight myth". Two good tropo openings here since the last report. On 9/30 and 10/1 the following new were heard: WBIV 107.7 @1902 EST w/nx and gospel pgm; WADV 106.5 1925 mx, a d, ID; WKTL 90.7 @1938 gospel pgm; CHFI 98.1 1959 ID, ad, FI FM News; WQAL 104.1 2017 ads & ID; WKRT 99.9 2031 ID/mx; CHUM 104.5 2042 ad, ID & rock mx; WIYQ 99.1 2050 Pirate BB; WPHD 103.3 2057 nx, wx, ads; WBFO 88.7 2120; WHID 98.5 2132 clx mx and ID by annr w/European accent; WDBS 93.1 2140 ID, PSA inst. mx; WYZZ 92.9 on 10/1 @0359 ID and inst. mx "Stereo center for 6 states"; WDCX 99.5 0428 s/on; WJTL 93.3 0454 ads, mx, ID, nx; WMHR 102.9 0507 wake up show; WRLX 106.9 0529 ID; WEZO 101.3 0530 ID, nx,wx, mx, had to leave for work, but sigs still strong @0530. Nearly all these stations had excellent signals. The second opening on 10/26 to 27 resulted in the following: WBOW 107.5 1843 rock, WLBC 104.1 1852 ads, WHWC 88.3 1856 best tropo to date (650); WHRM 91.9 1906, WFMB 104.5 1925 wx cw mx, WILL 90.9 1921 ID, WBMP 101.7 2004 nx, WTLC 105.7 2036 soul mx, ads, WFNY 2044 ID, WSIU 91.9 2100 ID, WKFM 103.5 0140 inst. mx, PSA, WEAW 105.1 0150 rock mx, WBCO 92.7 0456 nx, wx, farm show. 73(s till next time).

Dave Brown Rouge 1 Box 514 Jackson Hts. Farmville VA 23901

My second report and DX has slacked off considerably, as is customary with the coming of winter. This report covers 8/10 to 10/29 w/four openings in latter part of August, only one poor opening in Sept. and 3 in October. 8/10 @0130 WSOC 103.7 rarely hrd since grade A WEZS Richmond went AN w/only occasional s/off's every month or so; 0205 WWSW 94.5 Pittsburg w/CCI from WDAG Lancaster. Check later in morning after waking @0600 gave me only WPEG 97.9 Concord, NC and WBKW 99.5 Beckley, WVa. 8/10 @2340 WCAO 102.7 Baltimore and WBAL 97.9 after WTVR 98.1 s/off, all Baltimore stns now logged. 8/11 @0020 WGPL 83.1 Winston Salem, NC; 0830 Woub 91.3 Athens, OH; 1315 WWC 88.9 Buckannon, WVA. 8/24 @2150 WMKY 90.3 Morehead KY, state #16. 8/25 0100 WFBC 93.7 Greenville SC state #17; 0120 WMIT 106.9 Black Mtn. NC; 0150 WEER 107.7 Warrenton, VA. The one "opening" in Sept. occurred on the 13th w/WDAC and WSTW Wilmington, Del only hrd poorly. Finally in Oct.: 10/19 stumbled across this one accidentally @0335 WPAT 93.1 Paterson, NJ; 0345 WTJU 91.3 Charlottesville, VA (750 watts, 105' AAT Dave RWW); 0350 WIFJ 92.5 Philly; 0400 tent. for WHIM 94.1 Providence RI w/nx on RI state government, stn. was u/WYSP on same channel from Philly; 0430 WNEW 102.7 NYC; 0500 WSTP 106.5 Salisbury, NC. 10/21 @0430 WEP 107.9 Pittsburg #2 and @0455 WEMM 107.9 Huntington WV. One correction concerning my first report. On 8/2 my second logging was of WGBR Cambridge, Mass 89.7. Evidently this was tropo ducting in contrast to the skip I was receiving from the SE during the same period and was my first opening where two modes of propagation were present. 73's to all during the upcoming VHF DX "hibernation Period". Dave.

Fred Nordquist 302 Sandra Lane North Syracuse, N. Y. 13212

FM DX is quieting down for the winter. Only a few newsta. logged last mo. The CBN stations (WMIV WJIV WEIV WOIV & WBIV) no longer AN 6, w/s/off @0000 (noted off @2230 on Sun.) A bootleg sta. on 90.5 has been noted on daily 1900 to 2300 and ID's as WSMU w/UG rr in Syr. 1st hrd on 10/31. Still no sign of WSOQ 100.9, but should be on sometime in Nov. Here's what's been hrd: 10/4 WJZZ 99.9 CT folk mx 2327. 10/21 WDHA 105.5 NJ ID @0001; WHBI 105.9 NJ talk 0008, WLKW 101.5 RI MoR 0032, WGMS 103.5 DC wx 0055. 10/26 no luck on Taurids MS. 10/28 Detroit area sta. in via tropo 1930, WUHY 90.9 PA PBS 2000, 101.5 good MS count but no luck 2030 on. 10/31 WSWU 90.5 Syr. NY UG bootleg w/Beatles records 1900, WAVA 105.1 VA w/nx (WOIV off) 2300. 11/1&2 more MS monitoring on 105.9/101.5/97.5 w/25 bursts but still no luck 2200 on. 11/3 unkn WKBN 98.9 OH w/fair sig. (WHFM off) 1830, then unkn WMOD w/chimes IS 1914, finally WBFG unkn w/rel. mx 1921 at 355mi. 73.

Albert H. Ellis 19 McClure Ave. Brantford, Ontario

This report covers 10/1 & 2. Revr AJ 15, amplified, 10 element Yagi 20' high. 10/1 0730 heat inv. WOSU 89.7 OH (324), 0732 WCBF 90.5 OH, they write that I'm the furthest away to date. 0800 WCDR 90.1 Cedarville OH (350) 3600w, 0805 WAMC 90.3 Albany N Y 10kw (370), 0806 WETA 90.9 Washington DC 75kw (576), 0815 WUHY 90.9 Philly (365), WITF 89.5 Hershey, PA 50kw (355), WELC 95.5 in Johnstown PA 57kw (0845 WRPI 91.5 Troy NY 10w (350), 0850 WCNY 91.5 new stn. in Liverpool NY testing 18.5kw (232), 0900 WGBH 89.7 Boston MA 100kw (570), 0903 WRVO 89.9 Oswego, N Y 10 watts (200). Stations faded by 1000. 10/2 real foggy 0750 WCBF, WAMO, WHIO, WKWK still coming in, all coming in as a rule they are Boston Mass WGBH 89.7 @0800, WAMC 90.3 Albany begging funds, 0810 WCDR again still religious and begging funds. Apparently a theological college of some kind. WRVO and WOTT both pouring in here. Regards.

Waldo F. Bishop Tallahassee, Florida

(Waldo, before I forget, please put your name and address on your report as I don't save envelopes. Tnx RWW)

DX has been very scarce here until 10/26 tropo opening into Illinois, Kentucky and Missouri. WILL 90.9 Univ. Ill @Urbana @725 miles; WSIE 88.7 Edwardsville Ill @700 mi; WSIU 91.9 Carbondale, Ill @590 m i. Heard end of Omega Hour on Channel of Blessing, KWFC 97.3 Springfield MO @695 mi. for state #31, and "super Russ" WRUS 101.1 Russellville KY for my 1st KY tropo. Added two Nashvilles: WPLN 90.3 cl mx and WSIX 97.9. Also WHVT 92.1 Hendersonville, TN this session. The following stations, received 10/23 thru 10/31, while hardly DX, were never heard before in 2½ yrs. DXing, and there were tropo openings to these openings: WMUU Greenville SC MoR and Cl Bob Jones station: WJGA Jackson GA "Young sounds"; WESC Greenville again w/100,000 w C&W WPAP 90 miles distant nullod; WBFM Seneca SC; WZZW Augusta, GA, WTMA Charleston SC and WRSA Decatur, Alabama. These 7 stations received under average conditions with stacked JFD LPL FM 10'A's, my new array at 55'. It took three months to get them, but wait was worth it. Bob Hawkins is right, a superior antenna. With Winogards, never able to null WPAP, now anytime. Now also able to pull 250Cw WEIR from between 50,000w local W&W WOMA 94.9 and 100,000w WTVY 95.5 anytime. Usually only on super tropo was this possible. They have added 100 miles to my "usually received" range. The IL, MO, and KY tropo opening not there on the Winogards. And, I wish to make this very clear, in my report in Sept. VUD, I was not knocking all Winogards, just the SC 65. After all, my rusty FM 8's got me 340 stations logged, 30 states, etc, etc. and you can't knock that. Believe me, I've heard from some Winogard supporters. I plan to mount them V @ about 40'. Belden 8290 300 ohm is T line. On 10/31 MS 97.3 WKX? "instant news". What's the missing letter, anybody? I listened carefully on Nov. 8th PM hoping for repeat of 1970 great Es opening, but no luck.

Roger W. Winsor 718 N. Fremont Road Valparaiso, Indiana 46383

Not much here again, per usual. Several calls from Russ Brown telling me of Wichita, Birmingham, etc coming in up there, but nothing here. Naturally, I need a good antenna like what Waldo was just talking about, but no job, no \$\$\$, so will have to wait until better times, perhaps at least 1 year away, judging by the present economy here in NW Indiana. One new station that were received were from WTLT 88.1 LaGrange, Illinois on 10/16 @1020 w/a TC, on for a parade, usually silent on Saturdays, 10/26 up for the great tropo that everyone else got, all I heard was WWVR 105.5 W. Torre Haute, Indiana @0500 s/on. 11/16 WCYC 88.7 Chicago hrd @2328 ID, Wisconsin stations off on Sunday. Also noted new local WYEN?? 106.7 Des Plaines on with a humungous signal, in stereo. Wonder what their format will be? I have retotaled my stations, and come up with a new count of 383 stations heard now. Not a bad total, but from only 17 states. Wish I could finish this stencil out, but don't have anymore to say, so on with Polish history. RWW

CONVENTION = 72 =

NO, WE'RE NOT RUSHING IT. PLANS SHOULD BE MADE EARLY TO ASSURE THE HOST ADEQUATE TIME TO PREPARE, AND TO ENABLE MEMBERS TO

MAKE PLANS FAR ENOUGH AHEAD AS WELL. BOB SEYBOLD IS CONVENTION CHAIRMAN AND SEEKING BOARD MEMBERS, A CONVENTION HOST, SUGGESTIONS, CRITICISMS, ETC. AS CHAIRMAN, BOB IS TO HEAD A PRELIMINARY COMMITTEE TO ASSIST THE HOST UPON SELECTION OF A HOST. OTHER COMMITTEE MEMBERS WILL DO LIKEWISE. NO FORMAL OFFERS TO HOST A CONVENTION HAVE BEEN RECEIVED, SO WE NEED A HOST AS WELL AS COMMITTEE MEMBERS. WRITE BOB DIRECTLY WITH ANY AND ALL COMMENTS, OFFERS, AND ABOUT WHERE AND WHEN WOULD BE BEST FOR YOU TO ATTEND A 1972 CONVENTION....BOB SEYBOLD, BENNETT RD., R.D. #2, DUNKIRK, N.Y. 14048....

CENTRAL TV DX

Roger H. Brown
1617 Linden St.
E. Lansing, Mi. 48823

December 1971

Next Deadline: December 15

For TV DXers in Wi, Il, In, Mi, Oh, Pa and all Eastern Canadian Provinces!

Hey, now that I've reached old age...over 30...time does seem to pass more quickly. That's an advantage. Spring will arrive a lot sooner this year. As I'm writing this in mid-November...May seems a long...long way off. Bob Cooper wants to know what we're doing this winter. We're hiding in a snowbank old buddy...waiting for conditions to improve! OK...don't forget the good winter MS openings...winter Es, the January thaw and PLEASE try to remember your Central DX editor with a note to let me know your still alive and DXing.

A meager fall season seems to have petered out...again offering little to those west of Lake Michigan...and only a couple of good sessions to others. This column reflects more of the late September activity related last month...and a late October opening that produced one great night and morning for a couple of viewers. A high pressure center over Pa ridged far south and remained stable overnight. Lewis and Rosenberg near Toronto both caught WBMG-42 Birmingham at 800 miles plus! Similar reception was noted here. The column this month is a real hodge-podge with some DX from last summer...through September and finally to mid-November, in various reports. Here goes...

Ferdie Dombrowski, 1311 W. Madison, Apt. 11, Milwaukee, Wi. 53204 CDT

Equipment: Sylvania 18" portable, Winegard CL4X, JFD-LPU. Totals: 365

7-23 Es 1900 WWAY-3 Wilmington, NC
and unids on 2.
1930 WFMY-2 Greensboro, NC
7-25 Es 2120 Unid-3 w/ CBS
2200 KMID-2 Midland, Tx
7-26 GW 1930 WUHQ-41 Battle Creek
7-30 Es 1605 Unid-2 w/ CBC
1755 Unid-2 w/ SS programming
1758 Unid-2 w/ CBS!
1829 WUND-2 Columbia, NC
1906 Unid-2 w/ Nova Scotia BB
scores.
1910 Unid-2 w/ Calgary wx
also unids on 3 & 5, canadian
2037 KOOK-2 Billings, Mt. plus
other unids later.

7-31 Es 1000 Unid-2
8-2 Tr 0000 WJBK-2 Detroit
Es 2105 Unid 2,3,5
8-5 Tr 2355 WCEE-23 Rockford
8-8 Tr 0820 WDHO-24 Toledo
8-9 & 10 Es in evening, unid.

(Several conversations with Ferdie since the convention indicate poor DXing conditions and less time to DX. He's employed during the evenings. By the way...many thanks Ferdie for a great publishing job since the birth of the VUD! Also, sincere apologies for not getting this into the column more quickly. RB)

Robert Zoller, 6111 Bay Shore Drive, Sturgeon Bay, Wi. 54235 CDT

Equipment: PCA portable, Gavin convertor, corner reflector, ch 13 yagi and smaller antenna for 2, 7 and 9. Totals: 93

7-8 Es 1200 KOOK-2 Billings 2302N (1040)
1201 KFDX-3 Wichita Falls 3421N (1000)
1230 KRTV-3 Great Falls 4431N (1150)
1259 tent. CFCR-4 Kamloops, BC
1300 CFCN-4 Calgary 4212N (1300)
1400 CFRN-3 Edmonton 3321N (1300)
7-9 Es 2140 KTBS-3 Shreveport 1321N (950)
2200 KJAC-4 Port Arthur 4433N (1150)
2216 KDFW-4 Dallas 3433N (1000)

7-10 Es 0600 WOAI-4 San Antonio 3434N (1250)
0606 KPRC-2 Houston 5534N (1150)
2130 KCPX-4 Salt Lake City 4433N
(1300)
7-11 Es 2030 CKCK-2 Regina 4310N (900)
2100 CBKMT-4 Moose Jaw 4433N (930)
2245 CFCN-4 Calgary 4433R (1300)
7-12 Es 1705 WTAR-3 Norfolk 3321N (800)
1752 WCBS-2 NYC 5430R (730)

Zoller, cont.

7-17 Es 0930 WWAY-3 Wilmington 4422N (900) 8-15 Tr 0023 KXJB-4 Valley City 4433N (500)
 1000 WCIV-4 Charleston 4423N (940) 1930 WDSM-6 Duluth 3321N (260)
WSB-2 Atlanta 3310R (800) 2000 WDSE-8 Duluth 1312N (260)
 1030 WTVY-4 Dothan 4433N (980) 2057 KMEG-14 Sioux City 3430N (480)
WRBL-3 Columbus, Ga. 3321N (980) 8-16 Tr 1400 KDAL-3 Duluth 2322N (260)
 1100 WEAR-3 Pensacola 3321N (1000) 1500 WCCO-4 Minneapolis 3332N (290)
WCBI-4 Columbus, Ms 2222N (800) 1600 KEYC-12 Mankato 4432N (320)
 1200 KJAC-4 Port Arthur 3322R (1100) 1810 WNDU-16 South Bend 3345N (240)
 1208 WLBT-3 Jackson, Ms 4422N (950) 1859 KAUS-6 Austin, Mn 1022N (280)
 8-7 Tr 0201 WDIO-10 Duluth 4433N (260) 2030 KGLO-3 Mason City, Ia 3332R
 MS 0216 KYW-3 Philly 3313N (700) (310)
 8-9 Tr 0600 KSTP-5 St. Paul 1034R (290) 2105 KBMA-41 KCity 3335N (550)
 8-16 Tr 1100 KTSB-27 Topeka 3332N (600)
 1200 WIBW-13 Topeka 1422N (600)
 1221 KVFD-21 Fort Dodge (370)

"I spent the summer at my grandparents cabin...saw 93 stations...5 more than I've seen at home in Westland, Mi. " (Oh to be young and free...RB)

Jim Hayes, 9 Henry Street, Wilkes Barre, Pa 18702 EDST

8-3 Tr 2030 WMAL-7 Washington 0423N (190) 8-15 Es 2335 KJAC-4 Port Arthur 3333R
 8-6 MS 0718 WMT-2 Cedar Rapids 34xxR (710) 8-16 Es 0005 KTEW-2 Tulsa 4533R
 8-8 Es 1930 WESH-2 Daytona Beach 4433R WKY-2 Okla City 1322R
 8-9 Tr 1112 WDCA-20 Washington 2325N (190) 0046 WESH-2 Daytona Beach 5555R
 8-11 MS 0726 Unid-2 CB pat plus unids on 5 & 6
 0743 Unid-2 Slide w/ globe and 8-18 Tr 1000 WHAG-25 Hagerstown 2445N (145)
 "Around the world" 8-24 Tr 0830 WCHS-8 Charleston, WVa 0455N
 Es 0936 WESH-2 Daytona Beach 5545R (360)
 1130 KPRC-2 Houston 4333R (1350) 8-25 Tr 1000 WHTN-13 Huntington 2544N (395)
 1200 WBRZ-2 Baton Rouge 3352R 9-7 Tr 0900 WJZ-13 Baltimore 3223N
 1230 KBTX-3 Bryan, Tx 3343N 9-15 Tr 1025 WSWP-9 Grandview, WVa 3455N
 1300 WJXT-4 Jacksonville 3033R 1100 WDTV-5 Weston, WVa 3322N
 2200 WMT-2 Cedar Rapids 4423R 10-21 Tr 1021 WTPA-21 Harrisburg 3055R
 2302 KTCA-2 St. Paul 4025

"Most of my time is now spent on MW DXing. The October Auroral Es openings failed to show up. Total: 107...58 this year." (Just one question Jim...are you SURE you were watching Es totally on 8-15 and 16? Did you look at high band? You were in a good spot for the super duct from Kansas and Okla. RE)

Ray Bell, 413 Burton Ave., Washington, Pa. 15301 EDST

8-30 Tr 2000 WKYT-27 Lexington (275) and WKMR-38 Morehead, Ky (225)

"Saw about 40 Us that night...those were the best"

Roger Gravelle, 35 Aldborough Ave., St. Thomas, Ont. EDT

Equipment: 1964 Westinghouse, Delta 1032 (VHF), SFA 14-83 (UHF), Gavin Convertor.
 Total: 274

9-30 Tr 1800 WQEX-16 Pittsburg 4455R 9-30 Tr 2100 WUTR-20 Utica, NY 4344N
 1900 WOUB-20 Athens, Oh 4455N 2137 WKBS-48 Philadelphia 4444N
 2000 WBFF-45 Baltimore 4444N 2200 WLVT-39 Allentown, Pa 4344N
 2030 WNJT-52 Trenton, NJ 4333N WDCA-20 Washington 4433N

Gravelle, cont.

9-30 Tr 2300 WTAF-31 Marion, In (Sorry Rog... they've been off the air for nearly 2 years. RB)

10-1 Tr 0520 WCAU-10 Philadelphia 5555N
 WBIR-10 Knoxville 4444N
 0533 WCPO-9 Cincinnati 5555R
 0536 CBOFT-9 Ottawa 4444N
 0545 WPVI-6 Philadelphia 3344N
 0550 WFBG-10 Altoona 4443N
 0554 KYW-3 Philadelphia 4444N
 0556 CJOH-13 Ottawa 4444N
 0558 WJZ-13 Baltimore 4443N
 0558 WNBF-12 Binghamton 4444R
 0559 WLWT-5 Cincinnati 5555R
 0559 WLWC-4 Columbus 4444R
 0603 WDAU-22 Scranton 5555R
 0603 WKYT-27 Lexington 5555R
 0611 WTAR-3 Norfolk 4433N
 0612 WTOL-11 Toledo 5555R

10-1 Tr 0614 WHTN-13 Huntington 4444N
 0615 WHEC-10 Rochester 4443R

10-1 Tr 0622 WIWD-2 Dayton 4444R
 0626 WHEN-5 Syracuse 4443R
 0630 WTRF-7 Wheeling 5555R
 0641 WLYH-15 Lebanon, Pa 4433N
 0641 WTAE-4 Pittsburg 4444R
 0643 WBNS-10 Columbus 5555R
 0643 WHIZ-18 Zanesville 4444R
 0645 WSTV-9 Stuebenville 4444R
 0646 WANE-15 Ft. Wayne 5555R
 0658 WTAP-15 Parkersburg 4444N
 0705 WHIO-7 Dayton 4444R
 0710 WTVN-6 Columbus 5555R
 0731 WKZT-23 Elizabethtown 5555N
 0830 WOSU-34 Columbus
 1900 WCNY-24 Syracuse 4443N

10-2 Tr 0100 CBOT-4 Ottawa 4333N
 0101 CJSS-8 Cornwall 4444N
 0101 CBOFT-9 Ottawa 4444R
 0105 CBFOT-9 Timmins, On 5444N
 0115 CJOH-13 Ottawa 4444R
 0120 CFCF-12 Montreal 4333N
 0135 CFTM-10 Montreal 4443N

"Took real will power to go back to work on 10-1! And was I tired by 0200 on 10-2!"

Dave Egan, 12a Andrew, Valleyfield, Que. EDT

10-27 Tr 0726 WKTV-2 Utica, NY (185)

10-28 MS 0644 WCIV-4 Charleston, SC (890)

"DX has tapered off. Noticed Tropo upswing to 200-300 miles in early November when it was a freakish 78 degrees here. The usual early November Es was in on 11-4 with very light CCI on 3, 4 and 5. Have received veries from WKTV and WITI."

Mark Lewis, 224 Honiton St., Downsview, On EDT

Equipment: Philco 19" portable, AGS UHF convertor (?) and 6 ft. dish, etc.

10-26 Tr 2145 WURD-40 Indianapolis
 2245 WSVN-47 Norton, Va.
 2305 WBMG-42 Birmingham, Al!!! (810)
 WKPI-22 Pikeville, Ky

10-26 Tr 2349 WKYT-27 Lexington
 10-27 Tr 0002 WFYI-20 Indianapolis
 0800 WMUL-33 Huntington

"Also seen on the 26th... WMBD-31, WAND-17, WICD-15 all 500 miles plus. DX jumped around a great deal... from Alabama to WVa, etc." (NICE CATCHES MARK!! RB)

Joel Rosenberg, 47 Pannahill Rd., Downsview, On EDT

10-13 to 16 Usual Tr to 200 miles
 10-18 Tr 1900 WNPE-16 Watertown 3455R
 plus WENY-36, WBJA-34, WICZ-40
 WBPE-28, WDAU-22, WAKR-23

10-19 Tr 0730 WFMJ-21 2355R
 10-20 Tr same as above plus WLVT-39
 Allentown 3355R (297) and
 unids, at 0945

10-20 Tr 1037 WKBS-48 Philadelphia
 1900 WNPI-18 Norwood, NY
 2330 WBSA-43 York, Pa 2245N (297)
 10-26 Tr many unids early in evening on UHF
 2300 WKMR-38 Morehead 0345R (440)
 2320 WBMG-42 Birmingham, Al 1355N
 (810) heard details enough to
 confirm with tape of Mark Lewis.
 Best tropo any band!

Rosenberg, cont.

10-27 Tr 0700 WJAC-6 Johnstown 3354R
plus Scranton, Binghamton Us
Unid 32 SW...vy weak at 0720
Unid KET stations on 38, 29
0759 WKSO-29 Somerset, Ky (535)
Opening died at 1000.

(Congrats to both Mark and Joel for WBMG logging. By the way...thanks to both these guys and others for proper use of VAFI. One really cannot have two stations in on the same channel and have a 5 for interference ...as has been reported. RB)

"Nothing much since then. I guess winter's here."

Don Ruland, 4448 68th Place, Kenosha, Wi. 53140 CDT-CST

10-15 MS 0459 WMAR-2 Baltimore (630)
0606 WKY-4 Okla City (720)
Tr 0505 WJW-8 Cleveland (330)
0630 WIMA-35 Lima (240) (WLIO?)
0645 WDHO-24 Toledo (230)
10-18 MS 0610 WKY-4 Okla City (720)
10-27 Tr 0500 WJW-8 Cleveland (330)
WCPO-9 Cincinnati (300)
0520 WKBW-7 Buffalo (460)
0522 WCSH-8 Charleston (430)
0523 WLOS-13 Asheville (570)
0530 WFBG-10 Altoona, Pa (510)
0532 WTRF-7 Wheeling (420)
0535 WSIX-8 Nashville (450)
0538 WBOY-12 Clarksburg, WVa (450)
0548 WKRC-12 Cincinnati (300)
0550 KFVS-12 Cape Girardeau (370)

10-27 Tr 0558 WLWC-4 Columbus (320)
0655 WKPI-22 Pikeville (470)
10-28 Tr 0605 WHO-13 Des Moines (310)
0620 WEAU-13 Eau Claire (240)
0640 WDHO-24 Toledo (230)
0650 WGEM-10 Quincy, Il. (270)
0700 KROC-10 Rochester, Mn. (260)
1900 WUCM-19 University Center, Mi.
(230) and others to 250 miles to
1930.
10-29 Tr 0500 WJW-8 Cleveland (330)
MS 0557 WCIV-4 Charleston, SC (810)
0624 WOAI-4 San Antonio (1090)
11-4 MS 0558 WCIV-4 Charleston (810)
11-8 MS 0556 WCIV-4 Charleston.

"Log now at 151 with 6 new this month."

Gary Olson, 1203 Kenton Rd., Deerfield, Il. 60015 CDT

Equipment: Conrac 82E w/ video monitor, Zenith 1960 23", LPV-190, 7' dish, etc.
Total: 304

8-21 Tr 2000 W78AJ Sheboygan, Wi (115)
2230 WKBD-50 Detroit (250)
WGTE-30 Toledo (tent.) (240)
8-22 Tr 0530 WTTV-4 Bloomington, In (200)
8-23 Tr 0700 WAEO-12 Rhinelander (260)
WIMA-35 Lima, Oh (240)
8-28 Tr 1900 WGTU-29 Traverse City (240)
8-29 Tr 0100 KELO-11 Sioux Falls, SD (460)
0130 WEAU-13 Eau Claire, Wi (255)
0206 WAOW-9 Wausau, Wi (220) thru
WGN!
0215 WCCO-4 Minneapolis (310)
0900 WDHO-24 Toledo (240)
WKBF-61, WUAB-43 Cleveland (340)
WKBD-50 Detroit (260)
8-29 Tr 2030 WUCM-19 University Center (240)
WXOW-19 LaCrosse, Wi (200)
9-6 Tr evening all Detroit Us (260)
9-8 Tr 0550 WICU-12 Erie (410)
KFVS-12 Cape Girardeau (350)
0555 unid-21 (sounds like WFMJ Gary)

9-8 Tr 0558 WKBN-27 Youngstown (390)
0600 WJW-8 Cleveland (340)
0655 WKYT-27 Lexington (325)
0700 WLKY-32 Louisville (300)
WTTV-4 Bloomington (220)
WBNS-10 Columbus (320)
0710 WKMJ-68 Louisville (300)
0727 WKON-52 Owenton (300)
0750 WKMR-38 Morehead (390)
WLIO-35 Lima (240)
0755 Unid-35 w/ KET slide, probably
WKHA-35 Hazard.
0800 WCMU-14 Mt. Pleasant (215)
KDNL-30 St. Louis (300)
0820 WTVS-56 Detroit (260)
9-13 Tr eve WFYI-20 Indianapolis (180)
WLBC-49 Muncie (220)
9-14 Tr 0530 KMOX-4 St. Louis (300)
WWUP-10 Ste. St. Marie (340)
KFVS-12 Cape Girardeau (350)
1930 WLIO-35 Lima (240)

Olson, cont.

9-28 Tr 1900 WKNX-25 Saginaw (240)
 2000 W78AJ Sheboygan (115)
 W70AO Fond Du Lac (120)
 plus Detroit and Lima Us.

"Have begun to add stations with new antennas/ biggest problem is many locals signing off very, very late."

Bill Draeb, Ellis St., RR #2, Kewaunee, Wi. 54216 CDT-CST

10-12 MS 0546 WCIV-4 Charleston, SC
 0606 KGNC-4 Amarillo, Tx
 10-13 MS 0606 KGNC-4 Amarillo
 10-14 Tr 2020 WCAE-50 St. John, In
 WKBD-50 Detroit
 WLFI-18 Lafayette, In.
 10-24 Tr 0645 Retma TP WSW, plus 3
 10-26 Tr 0545 WTRF-7 Wheeling, WV
 WJW-8 Cleveland, Oh
 WISH-8 Indianapolis, In.
 WBNS-10 Columbus, Oh
 WHAS-11 Louisville, Ky
 WKRC-12 Cincinnati, Oh
 0600 WKNX-25 Saginaw
 2115 WKEF-22 Dayton, Oh
 10-27 Tr tent. Buffalo & Toronto on 7 & 9
 at 0550. Also, WJW-8 Cleveland,
 WBNS-10 Columbus, WFBG-10 Altoona,
 WIIC-11 Pittsburg, CHCH-11 Hamilton,
 WKRC-12 Cincinnati, WICU-12 Erie.

10-28 Tr 0535 WBNS-10 Columbus
 WJW-8 Cleveland
 0550 WHO-13 Des Moines
 KELO-11 Sioux Falls, SD
 0612 KRNT-8 Des Moines
 0615 KWWL-7 Waterloo, Ia
 10-29 Tr 0545 CHCH-11 Hamilton, On.
 WBNS-10 Columbus, Oh
 and tent. Buffalo and Toronto
 on 7 & 9.
 10-31 MS (CST) 0530 WTTV-4 Bloomington
 0545 WOAY-4 Oak Hill, WV
 0553 WMAR-2 Baltimore
 0637 KALB-5 Alexandria, La
 0708 CBOT-4 Ottawa
 11-1 Tr 0540 CHCH-11 Hamilton, WHIO-7 Dayton
 WTHI-10 Terre Haute
 WJW-8 Cleveland
 11-5 MS 0600 WCSC-5 Charleston, SC
 11-11 Tr 0550 WBNS-10, WTHI-10, WISH-8

Ray Stilwell, 1113 Cleveland, Lansing, Mi. 48906 EST

9-30 Tr 2226 WTAF-29 Philadelphia 1022N (525)
 WDAU-22 Scranton 1133N (470)
 WNEP-16 Scranton 1133N (470)
 2229 WKBS-48 Philadelphia 1011N (525)
 WFMJ-21 Youngstown 1123R (255)
 WPHL-17 Philadelphia 0131N (525)
 2251 WBRE-28 Scranton 3435N (450)
 WJAN-17 Canton 2122N (200)
 WUTR-20 Utica, NY 1122T (450)
 9-30 Tr 2251 WENY-36 Elmira 1011T (420)
 WSYE-18 Elmira 1111N (420)
 WICZ-40 Binghamton 1123N (450)

9-31 Tr 0013 WJET-24 Erie 4555R (225)
 0030 WKBN-27 Youngstown 4555R (255)
 0702 WJET-24
 0703 WVIZ-25
 10-26 Tr 2250 WDXR-29 Paducah 1111N
 2259 WMSL-48 Huntsville 1215N
 11-27 Tr 0000 WHNT-19 Huntsville 2333N
 0005 WAAY-31 Huntsville 0115N
 0734 Unid-46
 0754 WKON-52 Owenton, Ky
 0758 WBLG-62 Lexington
 WLEX-18 Lexington

Finally had to leave for work on 10-27 with unids on 27, 28, 33, 35, 38, 48! (Ray is now spending much time working towards General Ham ticket and doesn't come over to play TV-DX as often. Darn it! RB)

John Robertson, 6065 Gardner Line, Crosswell, Mi. EST

8-24 Tr 1300 WUHQ-41 Battle Creek 3425N (140)
 9-1 Tr 2100 WLIO-35 Lima, Oh 4555N (180)
 9-2 Tr 0143 WTAE-4 Pittsburg, Pa 2443R (230)
 9-8 Tr 0200 WGN-9 Chicago, Il 3534R (270)
 9-10 Tr 0100 WWUP-10 Ste St Marie 5544R (240)
 0200 WTAE-4 Pittsburg 4555R (230)
 0242 WGN-9 Chicago 3445R (270)

9-29 Tr 2230 WNED-17 Buffalo 4554R (200)
 9-30 Tr 1530 WUTV-29 Buffalo 3434N (200)
 1622 WQEX-16 Pittsburg 3454N (230)
 2300 WICZ-40 Binghamton 4555N (330)
 10-1 Tr 0730 WNEP-16 Scranton 4554R (370)
 10-2 Tr 0100 WLWT-5 Cincinnati 3452N (280)
 0355 WCVB-5 Boston! 2435N (590!)

Robertson, cont.

10-4 Tr 0215 WTTV-4 Indianapolis 3045N (300) 10-15 Tr 2232 WGTU-29 Traverse City 2453N (190)

(That WCVB-5 is a dandy catch John. I think they're only on w/ tp late at night so that's a doubly good catch! RB)

Rod Luoma, 15437 Asbury Park, Detroit, Mi. 48227 EST

9-30 Tr 0500 WKBW-7 Buffalo (215)
WBEN-4 Buffalo (215)
 1900 WNED-17 Buffalo (215)
CBLT-6 Toronto (200)
 2200 WJAC-6 Johnstown, Pa (255)
WICZ-40 Binghamton (360)
WBJA-34 Binghamton (360)
WENY-36 Elmira, NY (315)
WBRE-28 Scranton, Pa (380)
 2210 WSYE-18 Elmira, NY (315)
WNEP-16 Scranton, Pa (380)
WDAU-22 Scranton, Pa (380)
 2245 CHEX-12 Peterborough, Ont. (270)
WXIX-19 Cincinnati (240)
WTAP-15 Parkersburg (230)
WUTV-29 Buffalo (215)
 10-1 Tr 0000 WKPT-19 Kingsport, Tn. (410)
 0010 WHTN-13 Huntington, WVa (280)
WIIC-11 Pittsburg (230)
 0100 CHCH-11 Hamilton (170)
 0510 WPVI-6 Philadelphia (440)
WHEC-10 Rochester (280)
WDAU-22 Scranton (380)
 0520 WBNF-12 Binghamton (360)
 0530 WSYE-18 Elmira (315)
 0540 WKYT-27 Lexington (310)
WLEX-18 Lexington
 0550 WDTV-5 Weston, WVa (270)
 0620 WNEP-16 Scranton (380)
 10-1 Tr 0945 WKMR-38 Morehead, Ky (290)
WKSO-29 Somerset, Ky (375)
WKLE-46 Lexington (310)
WKBG-53 Bowling Green (415)
 10-2 Tr 0900 WKYT-27 Lexington
WBLG-62 Lexington (310)
WKRC-12 Cincinnati
WLWT-5 Cincinnati
WXIX-19 Cincinnati
 10-20 Tr 0510 All Buffalo Vs
CFTO-9 Toronto
 10-26 Tr 0030 WMAO-5 Chicago
 10-28 Tr 2100 All South Bend Us,
 all FT Wayne Us,
 all Cleveland Us
WSEE-35, WQIN-54 Erie
WNED-17 Buffalo
 Tentative CICA-19 Toronto
 2300 WGTU-29 Traverse City (205)
 10-29 MS 0515 WSB-2 Atlanta (600)
 Tr 2350 WCMU-14 Mt. Pleasant
WGTU-29 Traverse City
 10-30 Tr 0010 WUTV-29 Buffalo
CHCH-11 Hamilton
 "I'm working afternoons and midnites (at WJBK) so DX activity has fallen off. Also, have lost the advantage of EST...with early Eastern S/Os. Total 223, with 100 Us."

Roger H. Brown, 1617 Linden, East Lansing, Mi. 48823 EST

Equipment: Conrac AV12E, Sony monitor, BTX 11z Convertor, DXC2, CMA/U, CM 10 band VHF, 7' Finco dish at 43 feet. Totals: 325 w/ 139 Us.

10-20 Tr 1820 WICZ-40, WBJA-34 Binghamton (420) WENY-36, WSYE-18 Elmira (390), WBRE-28 Scranton all about 4434R, all gone by 1900!
 10-26 Tr 1745 WSVN-47 Norton, Va 3435R (430)
WKPT-19 Kingsport, Tn 4432R (440)
 1915 WKHA-35 Hazard, Ky 4433R (380)
WKPI-22 Pikeville, Ky 4443R (400)
WMUL-33 Huntington 3433R (330)
WKMR-38 Morehead, Ky 3335R (380)
 1930 WTVK-26 Knoxville, Tn 4435R (450)
 2030 WFIQ-36 Florence, Al 2335N (580)
 2130 WBMG-42 Birmingham, Al 0325N (640)
 by tough w/ hvy WUHQ-41 adj ch
 2131 WMSL-48 Huntsville, Al 3435N (570)
 2132 WAAY-31 Huntsville, Al 3334N (570)
 2155 WHNT-19 Huntsville, Al 3434N (570)
 2210 WCLP-18 Chatsworth, Ga. 3432N (580)
 also throughout the evening, WMBD-31, WICS-20 Il, WFIE-14, WEHT-25 In, WLKY-32, WKYT-27 Ky, WICZ-40, WBJA-34, WENY-36, WSYE-18 NY and WBRE-28, WDAU-22 Pa!
 10-27 Tr 0113 WBRC-6 Birmingham 3435N (640) things were quieting down by 0700

Brown, cont.

10-28 Tr 2200 WNED-17 Buffalo
 WXXI-21 Rochester (380)
 2230 WNPE-18 Norwood, NY
 2033N (500) and 10KHz offset
 on WNDU-16 from suspected
 WNPI-16 Watertown.

11-2 Tr 1115 KDNL-30 St. Louis (410)
 by frontal ducting.

That's about it. Have had a couple of High Pressure tropo situations since 11-1, but nothing much from them. On 10-26/27, Alabama stations in for 5 plus hours w/ good signals. Never saw so much stuff at once...saw 70 Us in about 4 hours.

A few thoughts and observations. WXIX-19 Cincy is definitely still on. Saw them last night (11-16). WLBC-49 sold their assets and license to Ball State University in Muncie and are now running PBS programming with a WIPB-49 call. Applications are in for two new Vs in Alpena, Mi...on 6 and 11. I realize this info belongs in Chuck Dobbins' column and will send him my "source."

It's kind of too bad that many old, honorable call letters are going out of business, in favor of new owners. The sale of the Time Life stations to McGraw-Hill will mean that some beautiful calls will disappear. WOOD-8, "Wood-TV" will be an ugly sounding "WOWT" or something like that. Old timer KLZ-7 Denver will become KMGH-7. Blah. Guess I AM getting old. How could they change WIMA (man, that's easy to remember) to WLIO. Phooey. One other program note...if you haven't seen WLFI-18 Lafayette...relax. They've applied for a megawatt plus. Can we count that as a new station Glenn, can we...please???? Don't forget the December and January MS sessions. They're one way to get through 'til spring! See you all next month I hope. 73s, Rog. And a big HAPPY HOLIDAYS!

LATE NEWS - HEADQUARTERS

SPEEDX HAS AVAILABLE A NEW UTILITY STATION LIST, BUT THIS IS NOT ABOVE 30 MHz I'M SURE & THEREFORE OF LITTLE OR NO INTEREST TO WTFDAERS; IF SERIOUS ABOUT UTE DX, JOIN NNRC OR SPEEDX. THE LETTERS ADDRESS IS: BOX 321, SANTA ANA, CA 92702. (NNRC'S: 32 SMITH ST., APT. 3W, SEYMOUR, CT 06483 FOR HQ MAIL % HAL WILLIAMS). NNRC'S BOB FRENCH HAS A GREAT UTE COLUMN.

ASWLC CELEBRATES A COUPLE ANNIVERSARIES SOON: THE CLUB ITSELF WILL BE 13, AND THE CLUB'S OLDEST MEMBER AUGUST BALBI WILL BE 80, AND THE CLUB'S PUBLISHER OF 7 YEARS WILL BE 26, STEW MACKENZIE. STEW SAYS ASWLC HAD 100 MEMBERS WHEN HE BECAME PUBLISHER AND NOW HAS 525!

UNIVERSITY OF HOUSTON FM STATION KUHF (88.7 MHz) ANNOUNCES A CHANGE IN TIME OF ITS DX PROGRAM DXING TODAY. IT IS NOW ON FRIDAY NIGHTS AT 1830-1900, CST. MODERATOR IS KEN JENNINGS.

A DXERS CONVENTION WILL BE HELD IN OREGON FOR ALL INTERESTED DXERS--ANY STATE, ANY BAND, ANY CLUB. MORE DETAILS AVAILABLE FROM HOST ABOUT 15 JANUARY GET-TOGETHER. WRITE TO:
 ANDY KERR, 555 WEST D AVENUE, CRESWELL, OREGON 97426.

A COUPLE LETTERS WERE RECEIVED FROM GILFER ASSOCIATES LATELY. THE FBIS LIST OF MEDIUM WAVE STATIONS ACCORDING TO FREQUENCY (PART 2) IS AVAILABLE AT \$2.00 PLUS 50¢ POSTAGE & HANDLING. THE 5-8 WEEK WAITING PERIOD IS AVOIDED BY ORDERING FROM GILFER RATHER FROM THE GPO.

GILFER ALSO NOW HONORS THE MASTER CHARGE CARD. SEND YOUR ACCT NR, BANK NR, EXPIRA DATE. AS ANNOUNCED LAST MONTH, GILFER HAS A NEW PURCHASE PLAN FOR THE 1972 WORLD RADIO-TV HANDBOOK TO BE AVAILABLE IN EARLY JANUARY. YOU MUST HAVE YOUR ORDER AT MILWAUKEE HQ BY DECEMBER 15TH TO OBTAIN THE SPECIAL PRICE OF \$6. THE EXACT COST TO WTFDA DEPENDS ON HOW MANY ORDERS ARE RECEIVED, BUT WE SHALL SET A FIXED PRICE OF \$6 AND THE BALANCE WILL GO TO THE WTFDA. THE NORMAL PRICE IS \$6.95, AND IF YOU HAVE ALREADY ORDERED ONE YOU CAN OBTAIN A REBATE TO YOUR FAVORITE CLUB OF 75¢ IF YOU WRITE GILFER INSTRUCTING THEM TO DO SO. REMEMBER THE REBATE GOES TO ONE CLUB ONLY, NOT TO YOU. THIS IS YOUR CHANCE TO DONATE A LITTLE SOMETHING TO THE CLUB OF YOUR CHOICE WITHOUT IT COSTING YOU ANYTHING MORE THAN A 6¢ POSTCARD.

PUBLICATION OF THE FM STATION LIST HAS AGAIN BEEN DELAYED DUE TO LACK OF LABOR ET AL. XMAS-NEW YEAR'S HOLIDAY PERIOD IS THE LIKELY PUBLICATION PERIOD. STATIONERY IS ALSO ON ORDER AND MAY BE AVAILABLE BY TIME YOU READ THIS. WE'VE BEEN OUT OF IT FOR SEVERAL MONTHS.

Worldwide TV-FM DX Ass'n

Serving VHF-UHF DX Enthusiasts
P. O. BOX 5001, HARBOR STATION
MILWAUKEE, WISCONSIN 53204



DUE IN NOVEMBER:

- +BISHOP, WALDO
- +BUGAJ, MICHAEL
- +MOUNT, DANA
- +PAWLITZ, JAMES
- +SCHMIDT, RONALD
- +SMITH, DENNIS
- +SOMERTON, G.

DUE IN DECEMBER:

- +DOBBINS, CHUCK
- +MORGAN, GIL
- +PHILLIPS, AL J.
- +PLUNKETT, WAYNE
- +VOGT, LARRY

AT LEFT, MEMBERSHIPS DUE IN THE COMING MONTHS. TWO YEAR RENEWAL GETS A FREE "BASIC COURSE" IN DXING IF YOU WANT IT. MEMBERSHIP RATES ON HQ PAGE.....

NOTE: WTFDA HQ ALSO HAS AVAILABLE THE FOLLOWING TO ALL DXERS, MEMBER OR NOT:

- FM STN ATLAS (32 PG MAPS) \$2
- FM STN LIST (DETAILED) \$3#
- TV STN MAPS (USA, NO AMER) \$2
- TV STN LIST (DETAILED) \$2#
- VERIFICATION FORMS 45/\$1
- CLUB STATIONERY 45/\$1
- CLUB RUBBER STAMP EMBLEM \$2

#DEDUCT 50¢ IF NEW MEMBER.

WTFDA
BOX 5001
MILWAUKEE,
WI. 53204



FIRST
CLASS

J. JOEL ROSENBERG
47 PANNAHILL ROAD
DOWNSVIEW 475,
ONTARIO
CANADA