

# From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 97, Calumet City, IL 60409

HELP WANTED...We're still looking for a member to help out with the VUD labels. Are you into computers? This could be a chance for you to help your club through your home computer hobby. We've been criticized for our "old fashioned" method of typing the VUD labels, but this has been done up until now because no one on the VUD publishing staff has access to the type of system needed to computerize our mailing list. We'd like to join the computer revolution, but it takes a member willing to donate his time in getting together a program for address labels. Your new VUD publishers are looking for a more speedy and efficient way of getting the VUDs mailed, and we want to hear from you if you can help. Contact Bill Thompson, address on back cover.

LET'S BLITZ METEOR SCATTER...Now's your chance to help us "gang up" on the most overlooked form of VHF TV and FM DX: meteor scatter. Check out this month's METEOR SCATTER INSIGHTS column on page 28. Editor Bill Faber is calling for our club to converge on the two most promising meteor scatter peak mornings of the winter. It should prove to be very interesting for all DXers who participate--sort of a mass DX test, with the propagation in general, rather than a single station by itself, to be under close scrutiny. Just think of it as a telethon for TV DXers, or a listen-a-thon for FM enthusiasts! Since these are shower peak mornings, we promise some kind of DX for those who have their systems in order. Upcoming columns should detail the results. Stay up and listen--or watch--for those meteors! You don't need antennas like those on the cover!

CENTRAL FM DX...In January, Ralph Strobel will be starting a new column which is actually a "spin-off" from his NORTHERN FM DX section in the VUD. CFM will be for FM DX reporters in Minnesota, Wisconsin, Missouri, Illinois, Michigan and Ohio. These states, centered in and around the U.S. midwestern and Great Lakes regions, contain a fast-growing enthusiastic FM DX population, making this change a necessity. The NORTHERN FM DX title will be taken over by Ontario DXer Saul Chernos. If you're DXing FM north of the Mason-Dixon line in the U.S. and live outside the SOUTHERN FM DX area and the states listed above, send your reports to Saul at 79 Ridge Drive, Toronto, Ontario M4T 1B5, CANADA.

COLUMN NEWS...Tom Yingling regrets that his schedule prevented him from preparing QSL CORNER this month; look for it to return next VUD.

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## FEEDBACK

WTFDA'S  
POSTAL  
PROBLEMS

In recent months, WTFDA has been having many problems with the United States Postal Service. Complaints are being received regularly about VUDs that arrive in damaged condition, club supplies that disappear or are delayed by weeks in shipment, and DX column reports that fail to make it to the respective column editors.

It's getting to be like the weather--you know how the saying goes: "Everyone talks about the weather, but nobody does anything about it." Problem is, we all pay for the U.S.P.S., so we have the right to demand that something be done about it. Over the past few years, problems with the mail have seemingly skyrocketed, while postal rates have also increased steadily. It's been discouraging to anyone involved in the operation of something that depends upon the U.S.P.S. to exist--such as WTFDA.

It has become fashionable in some circles to "badmouth" the quality of postal service in general. This has resulted in an advertising campaign by a major postal employees' union in the U.S. to defend the performance of the U.S.P.S. as being the best anywhere. That may be the case, but one thing has become evident--it is not what it used to be.

Here's an example of the kind of complaint that the club has been receiving. It should be pointed out that this is from one of our own DX column editors--a member of the club for several years, and a very patient person:

My last VUD arrived with the cover nearly torn off. It was a mess with the back page being partly torn off. The stationery I ordered was sent twice. I've received nothing. The last time I received stationery it was wrapped with paper that was nearly torn off when I got it...

And then there's this kind of problem:

What happened to my Vay VUD? Another DXer got his three weeks ago--mine finally got here yesterday, and was ripped. It looks like somebody cut it in the middle with a razor, and there was ink all over the outside cover...

And this:

My VUD didn't get here until last week, and it was stamped 'MIXED CITY', whatever that means. The address label is correct, and there was probably more than enough postage on it. WHAT is going on...?

Unfortunately, this is beyond our control at present. The fact that the VUD editions have been running several weeks late is only making it seem all the more severe.

Shortly, the VUD printing and mailing will switch to New York State; obviously, we'll still be at the mercy of the U.S.P.S. It's impossible to say, at this point, whether or not the mail damage-and-delay problem will subside. However, damaged VUD issues are probably almost always the result of the newer high-speed sorting machinery being used in the U.S.P.S. distribution centers.

It seems that there are not any easy answers to the problem. One member even suggested that we ship club supplies via a private carrier, such as Federal Express or United Parcel Service. As it turns out, this would make things prohibitively expensive.

A future FEEDBACK column will explore this problem further. For now, we hope you'll continue to be as patient as you've been, and report any problems similar to the above to club HQ.



# 40 FM NEWS

Bruce F. Elving, Editor  
4515 Avenue "E"  
Kearney NE 68847, U.S.A.

New FM Stations Granted  
AZ Tucson 107.5 100000 h.v.; 2000'  
AR Clinton (near Fairfield Bay) 92.1 800 h.v.;  
570 feet above average terrain  
GA Milan 104.9 1500 h.v.; 400'  
ID Lewiston 106.9 99000 h.v.; 1230'; rock  
IL Mount Zion 91.3 3000 h.v.; 300'; near  
Decatur  
MN Crookston 96.1 100000 h.v.; 440'; m  
MN Ortonville 106.3 3000 h.v.; 300'  
OK Lawton 95.3 3000 h.v.; 295'; m  
OK Woodward 92.1 3000 h.v.; 270'  
TX Crockett 93.5 3000 h.v.; 300'  
VA Cape Charles 96.1 50000 h.v.; 490'  
VA Fredericksburg \*90.5 19000 h.v.; 560'; s, g  
PR Ponce 101.1 50000 h.v.; -46'; m

## Facilities' Changes

AZ Arizona City KCAF 106.3 (city of license changes from 91.3 AZ)  
AR Texarkana KOSY-FM 102.5 70000 h.v.; 235'  
CA Long Beach KNAC 105.5 3000 h.v.; 300'  
CA Santa Ana KYMS 106.3 1300 h.v.; 425'  
DC Washington WDDC-FM 101.1 23500 h.v.; 750'  
FL Big Pine Key WYUW 104.7 (from 93.5) 100000 h.v.; 145'  
FL Daytona Beach WDDG 101.9 580' (100kw)  
FL Destin WMMK 92.1 285' (3000 h.v.)  
FL Homosassa Springs WXCV 95.3 280' (3000h.v.)  
FL Key West WJIS 107.1 2500 h.v.; 205' 340'  
FL Panama City WKGC-FM \*90.7 50000 h.v.; /  
GA Gainesville WJIX 106.7 930' (100000 h.v.)  
GA La Grange WJGG 104.1 100000 h.v.; 1060'  
IL Freeport WXXO 98.5 10000 h.v. (150')  
IN Valparaiso WLJE 105.5 860 h.v.; 510'  
IA Des Moines KGGG 94.9 1060' (100000h.v.)  
KS Colby KTCC \*91.9 100' (100 h.v.)  
MD Bethesda WLTG 94.7 22400 h.v.; 740'  
MA Gardner WMYC \*91.7 100 h.v.; 330'  
MI Iron Mountain WJNR 101.5 47000 h.v. (620')  
MN Anoka KTNW-FM 107.9 100' (10000h.v.)  
NE Sidney KSID-FM 98.7 (from 93.3) 61000 h.v.; 410'  
NJ Wildwood WNRB 100.7 20000 h.v.; 280'  
NY Poughkeepsie WKLF-FM 97.5 530' (45000h.v.)  
NC Greensboro WQMG 97.1 100000 h.v.; 76000 vertical (520') h.v.; 260'  
NC Swan Quarter WHYC \*88.5 mono 2800 /  
ND Grand Forks KKXL-FM 92.9 63000h.v.; 390'  
OH Columbus WLVG 96.3 18000 h.v.; 750'  
WBNS-FM 97.1 780' (16000 h.v.)  
PA Media WKSY 100.3 24000 h.v.; 720'; presumably deleting directional antenna  
PA Pittsburgh WYEP \*91.3 18000h.v.; 390'  
PA Telford WBMR \*91.7 (from 88.7) 120 h.v.; 250'  
SC Greenville WPLS \*96.5 (from 91.5)  
TX Bandera KORK 98.3 2000 h.v. (260')  
TX Edinburg WDIR \*88.5 290' (3000 h.v.)  
TX El Paso KSET-FM 94.7 980' (91000 h.v.)  
WY Rock Springs-Green River KSIT 104.5 (from 99.5); on air on 104.51  
PR Aguadilla WTPM 92.9 50000 h.v.; 990'

## Slogans/NonIDs

AI Tuscaloosa WJUA 95.7 FM-95 (not OOA-FM). GA Atlanta WRAS \*88.5 Album-88  
HI Honolulu KMAI 93.9 K-MY (strict) (IDer.)  
KUMU 94.7 KoolMoo, but good /  
KY Owensboro WSTO 96.1 The New-96  
MI Dearborn WNIC-FM 100.3 Detroit's nicest rock, has Mutual network  
MI Detroit WJL 97.1 W-Jay  
WJLB 97.5 FM-98  
MI Southfield WSHJ \*88.3 Super Rock  
MO Kansas City KLSI 93.3 Classy-93  
NE Wayne KWSC \*91.9 Mono-92 (I)

PA Harrisburg WSMF 99.3 St nny-99 (not strict; has soft rock)  
SC Orangeburg WIGL 106.7 Wiggle-106, not Wiggle-107, as in August VUD.  
SD Yankton KKYA 93.1 KK-93, not KY-93  
ON Windsor CJOM 92.7 The Great 88, rock CKJY 93.9 "KJY-FM," totally strict-no calls ever used, m music.

## Call Letters' Changes

AR Marshall 104.9 KZRO  
CA San Francisco 98.9 KOAK (KMPX), now g., "The Quake"  
CO Wray 98.3 KROZ-FM  
DE Milford 97.7 WAFL-FM (WAFL-FM)  
FL Safety Harbor 92.1 WYCR (WOOD), to 1700 h.v.; 400'  
FL Tallahassee 94.9 WCSN (WLWV)  
GA Martinez 94.3 WMTZ  
IN Martinsville 102.3 WCBK-FM (WCBK-FM)  
IA Hampton 104.9 KWGG  
KS Pittsburg 96.9 KDBD (KMRJ), still rock  
LA Oakdale 104.9 KGBM-FM (KCWR)  
LA Chebogue 105.1 WQLZ (WCBY-FM)  
MI Monroe 98.3 WTWR (WVMO)  
MN International Falls \*99.5 KBHW  
MN Marshall 100.1 KKCK (KMHL-FM)  
MN New Ulm 93.1 KXLP (KNUJ-FM), rock, still AP Audio, no nonID  
MT Havre 95.1 KXEI  
NE Alliance 92.1 KPNY (KFAH)  
NV Las Vegas 96.3 KTWB  
NY Cortland 98.9 WOKW (WNOZ)  
TN Huntingdon 100.9 WPBE (WPVG)  
TN Kingsport 98.5 WTFM (WKPT-FM)  
TN Knoxville 103.5 WIMZ-FM (WIMZ)  
TX Austin 102.3 KPZZ (KMXX), now b  
TX Big Spring 95.3 KWKI (KFNE)  
TX College Station 92.1 KTAW (KTAW-FM)  
TX Sulphur Springs 95.9 KDXE  
WV Elkins 95.3 WELK  
WY Thermopoli 98.3 KLYX  
SCA (+7 kHz)  
CA Sacramento KZAP 98.5 music  
CA Ukiah KIAH 103.3 on (repeating AM affiliate KUKI)  
IL Aurora WAUR 107.9 talking farm news  
MN Crookston KYCK 97.1 tx (telemetry)  
ND Fargo KDSU \*91.9 tx

## Stereophony

LA Baton Rouge WBRH \*90.3  
LA New Orleans WRBH \*88.3, despite talking book format)  
SD Deadwood KSQY 95.1, rock, K-Sky (not strict)  
TX Austin KUT \*90.5 (having moved from 90.7)

## NO STEREO

CA South Lake Tahoe KZFR 103.1

## Formats/Networks

AL Birmingham WRKK 99.5 k (from rp), K-Country  
AL Huntsville WOCG \*90.1 g, no \$, on 6am to mid  
AZ Benson KAVV 97.7 "The Cave," k, off air under FCC order; AR Pocaterra KCYN 103.9 m  
CA Madera KQYZ 104.9 Latin and rock  
CA Madera KULU 92.1 Latin/Spanish  
DC Washington WDCU \*90.1 90% I, not c, FM-90, not strict  
GA Athens WAGQ 104.7 RKO network  
GA Savannah WJCL-FM 96.5 NBC (from CBS)  
HI Kailua KSHO-FM 96.3 jazz only  
MI Birmingham WBJC 94.7 Y (ABC Contemp.)  
MI Detroit WDRTR \*90.9 talk (on limited hours)  
WDRQ 93.1 soul  
WLLZ 98.7 rock, not rp  
WDET \*101.9 j, reducing c, no Dolby  
WOMC 104.3 RKO-1  
WQRS no d

WOMC 104.3 RKO-1  
WQRS 105.1 no Dolby  
WYWW 106.7 AP Audio (S)  
MO Cape Girardeau KFMP 102.9 N (from E)  
MO Monett KKB 95.9 RKO  
MO St. Louis KNOX-FM 103.3 gradually changing to hard rock  
NE North Platte KXNP, KX-104, RKO, this was Saul Chernoff mystery, Sept. VUD  
NE Ord KNLV-FM 103.9 k (rock at night)  
NY Briarcliff Manor WRWV 107.1 rock  
NY Kannapolis WJZR 99.7 rock (from kg)  
OK Muskogee-Tulsa KAYI 106.9 r, K-107  
PA Mohanicsburg WOVE 93.5 T (The Source), soft rock, now "Magic-93," not QV-93.  
SD Gregory KXSD 101.5, K-101, RKO  
SD Rapid City KKHJ 93.9 RKO [gc  
TX San Antonio KSLR "Son Life Radio," 96.1 /  
WI Milwaukee WKTI 94.5 no network (was Y)  
WI Oshkosh WAHC 96.7 m, no longer C-97  
NM Farmington KRWN 92.9

**Readers' Reports and FM News**  
CA's KMAH \*89.1 Atherton using recorded see songs or sounds 10 min w 7:30 a.m.; wonder if they give 100% Frog concerts from my brother-in-law's pond would be interesting, too. WPRG \*91.1 Baton Rouge now doing sports remotes in true stereo. VAKH 105.7 Mc Comb still off. A HI traveler failed to hear K244A K 96.7 and doubts its existence. He reports FM at Kwejaelen atol, AFRN 100.1, 1000, 150' and Johnston Is. has two 50-watters about 95' 99.5 relays KSSK 590 Honolulu and 101.1 AFRTS SW relay with no local ids. Kwejaelen often picks up CA FM stations off satellite—whatever Vandenberg AFB sends along. Some local nighttime programming.

In MD news WDLV \*90.3 Twin Lake expands its broadcast schedule to 18 hours a day effective now, with more classical and jazz music. WSRX \*88.5 Allendale MI is off the air (has been since June), will probably not come back on until the new 147 w. 500' facilities have been constructed, and will become WJCV-FM. Phil Boersma has heard WEHB Grand Rapids carry full-length (60 seconds) commercials for businesses, with 1-3 of those heard per hour. Another noncommercial station heard carrying illegal commercials is KUCB \*89.3 Des Moines with 2 minutes of spots per hour. KUCV \*91.3 Kearney NE does carry "donor announcements," which sound like commercials, but which are not. They are shorter than 30" and carry no exhortation—just names of firms and what they sell; however, they are given production embellishment which makes them sound commercial.  
Bill Thompson sent an article on freeform rock DJ Jim Santella returning to Buffalo FM airways on WJUV 107.7, after having walked out being fired from other announcing jobs. Santella says: "There are no disc jockeys. My biggest complaint about radio is there are no people on it. The industry won't develop personalities. Just read the card and you're safe. The industry doesn't encourage you." WJUV is building a new 700-foot tower so as to improve reception in Buffalo of this Wetherfield NY station, which used to program rock.  
Tracy K. Wood confirmed from travels that KVMT 104.7 Vail CO does transmit in stereo. K288B Rawlins not heard on the air, but the main signal of KRAI-FM Craig CO was strong there, which makes him wonder if the translator ever will come on. K218A Florence OR off the air; they hope to find a spot in the commercial part of the FM band. KMTB Florence OR will transmit from Walton Mt., 20 mi. from Eugene. KLLK 99.9 Saratoga WY still off the air as is KFIS 100.1 in Soda Springs ID. He likes "pirate" FM as "one of the last possible refuges from automated rock and country stations," the only truly localized FM signals," which shouldn't be ignored by the club.  
In CA, KRLL 100.1 S. Lake Tahoe hopes to be 100 kw on 93.9 by next spring. And John Jefferson wants a San Francisco transmitter map in the next FM Atlas, sending along a sketching drawing size. KJMD \*103.3 Duluth MN now NPR affiliated has a foe in WSCD \*92.9 there, which wants public radio to itself WLYX \*89.3 Memphis off air until college decides how it should program. Students and community groups may decide on time-sharing. Contributors to be listed next month!

# TELEVISION NEWS

BILL FAHBER  
336 ATLANTIC ST.  
BRIDGETON, NJ. 08302

This is still the same column. Only the name is being changed. Actually, the other changes were made gradually over the past year. Much of the information that has been put into this column does not involve the FCC at all. And although RETROSPECT has been covering the FCC's role in the infancy of television, it will be covering a wider area in the next few months as we study the early years of DX and early methods to expand television coverage, still involving the FCC, but to a lesser degree. There has also been Canadian and Mexican news in this column. In fact, previous columns have touched on Australia and Israel. (and don't forget that Cuban TV standard snafu!) One more note before the news: anybody having access to the 7/19/82 Television Digest please let me know.		32 146	4	Honolulu, HI; The Allen Bc'g Co
46 842	433	Worwell, MA; Mid Shore Resources, Inc.		
11 57.3	369	International Falls, MN; John W. Boler		
24 4370	1390	Toledo, OH; Lake Erie Communic.		
8 316	1153	Johnstown, PA; Johnstown Family Television, Limited		
64 1000	2435	Bellingham, WA; Bellingham Television Associates, Limited		
11 53.1	1733	Charleston, WV; Channel 11 Bc'g		
11 158	1226	Charleston, WV; C'ton Bc'g Corp		
11 174	1219	Charleston, WV; Gemini Broadcasting Co. of West Virginia		
11 158	1227	Charleston, WV; Greater Kanawha Valley Broadcasting, Limited		
11 103	1216	Charleston, WV; The Hightower Partnership.		
11 53	1710	South Charleston, WV; Long Broadcasting Systems, Inc.		
11 162	1230	South Charleston, WV; West Virginia Educational Broadcasting Authority (proposes educational broadcast station)		
10 105	700	Miles City, MT; Three C's Bc'g.		
60 1795	1756	Dothan, AL; Television Community Broadcasting, Inc.		
35 956	632	LaSalle, IL; Thomas J. Mikos		
35 93	412	LaSalle, IL; Word TV, Inc.		
67 3296	1108	Alvin, TX; Texas Family Telev'n		
57 4.8	200	Jansenville, WI; Filmway of Wis'n		
20 .526	104	Ponce, PR; Amilcar Gardia		
13 32.8	373	Fairbanks, AK; Alaska 13 Corp.		
29 2400	500	Citrus Heights, CA; Royce International Broadcasting Company		
29 5000	2500	Sacramento, CA; Alden Communications Corporation		
29 5000	1363	Sacramento, CA; Capitol Hispanic Broadcasters, Inc.		
29 5000	1413	Sacramento, CA; Ch. 29 Investors		
29 2090	405	Sacramento, CA; Delta Bc'g Co.		
29 5000	1500	Sacramento, CA; DeDecca Ektron		
29 5000	1483	Sacramento, CA; El Dorado Telev.		
29 5000	677	Sacramento, CA; Michael L. Parker		
29 5000	1296	Sacramento, CA; Ponce-Nicasio		
29 5000	1309	Sacramento, CA; Sacramento Entertainment Television, Limited		
29 5000	1309	Sacramento, CA; Sacramento Television Associates, Limited		
62 2421	2010	Santa Rosa, CA; Bay North ETV		
18 1117	1028	Davenport, IA; H&S Limited		
22 2315	1309	Waterloo, IA; Independence Bc'g		
38 863	800	Lawrence, KS; Denning Santee Communications, Inc.		
38 1170	841	Lawrence, KS; Horizon Communications 38, Limited		
38 1276	1099	Lawrence, KS; Kansas Family TV		
31 5000	1057	Fort Worth, TX; Texas Educational Network, Inc.		
20 662	120	Casper, WY; Lew County Telev'n.		
68 826	773	Humacao, PR; Angel F. Bocanegra		
22 90	1091	Mayaguez, PR; Ana J. Plaza		
60 1368	1013	Gadsden, AL; Sterling Associates		
<b>CONSTRUCTION PERMITS GRANTED FOR NEW STATION</b>				
34 588	150	Campbellsville, KY; Green River Broadcasting Company		
24 1000	1741	Portland, OR; Greater Portland Broadcasting Corporation		
30 76.4	447	Shawnee, OR; Canadian Valley Television, Inc.		
16 390	413	Somersett, KY; TV-8, Inc. (see Results of Consolidated Hear'gs)		
14 4130	892	Boulder, CO; Boulder Telecast'g.		
12 190	2690	Medford, OR; Sunshine Television		
32 1512	292	Appleton, WI; Appleton Midwestern Television		

APPLICATIONS DISMISSED BY THE FCC		Twin Rivers Drive, Columbus; began 8/18/82
* Lexington, KY; ch. 62; Lexington Family Television, Inc.	62 n.c. n.c.	Tacomah, WA; KTPS; switch to channel 28 (see changes in Table of Assignments)
* Portland, OR; ch. 24; Christian Television	7 195 2645	Boise, ID; KTVB; circular pol'n
* Beaumont, TX; ch. 21; Focus Bc'g of Beaumont; Edward M. Johnson (specified Nederland as its proposed city of license).	7 316 1000	Evansville, IN; WTVN; Circular polarization; began 9/14/82
* Flagstaff, AZ; ch. 13; Manning Telecasting	CALL LETTER APPLICATIONS: NEW STATIONS	
* Boulder, CO; ch. 14; G.S.T.V., Inc.; Family Television, Inc.; Rocky Mountain 14, Inc. (specified Broomfield).	CH C.L.	CITY/STATE/APPLICANT
* Medford, OR; ch. 12; Christian Broadcasting Corporation; Highland Communications, Inc.; Medford Channel 12 Limited Partnership.	28 WMJA	Panama City, FL; Kenneth Darby etc
* Appleton, WI; ch. 32; Apogee, Inc.	21 KULV	Sal Vegas, NV; Dres Media, Inc.
APPLICATIONS TO MODIFY CONSTRUCTION PERMITS (* indicates station already on the air)	14 WFIN	Ponce, PR; Ponce & Yauco UHF
CH ERP HAAT CITY/STATE/CALL LETTERS	26 WTUK	Florence, AL; Alabama Management
16 4070 984 * Salisbury, MD; WBOC-TV (new construction permit just given; see Changes in Existing Facilities granted.)	55 WLIQ	Riverhead, NY; Life Broadcasting
14 316 1088 Hays, KS; KOOD; change to ch. 9; Circular polarization	39 WCTF	Murfreesboro, TN; Channel 39 of Murfreesboro, Inc.
26 2000 1555 * Chicago, IL; WCUI-TV	42 KBVO-TV	Austin, TX; Austin Television
23 49 1742 * Charleston, WV; WVAH-TV; chg. to ch. 11	49 WPTZ-TV	Norfolk, VA; Focus Bc'g of Norfolk
13 170 2825 Fajardo, PR; WSTE; TL to El Yunque Peak, 9 mi. w/o Fajardo	54 WXTX	Columbus, GA; Columbus Family TV
C.P. MODIFICATION GRANTED BY THE FCC (* indicates station already on the air)	22 WEEF-TV	Burlington, VT; Champlain Communications Corporation
9 306 929 * San Antonio, TX; KLRN; TL to Calaveras Lake near Foster Road	30 KCVT	Shawnee, OK; Canadian Valley Tel'n
49 686 975 Akron, OH; WEAO	CALL LETTER APPLICATIONS: CHANGE EXISTING	
20 2495 1800 Tacoma, WA; KQFB; circular polarization; TL to Gold Mountain, 6 miles west of Bremerton	24 KPOM-TV	Fort Smith, AR; KLMN
43 501 720 Tomah, WI; WTMB-TV	30 WMKW-TV	Memphis, TN; WBAH
19 4070 984 * Salisbury, MD; WBOC-TV	CALL LETTERS ASSIGNED: NEW STATIONS	
30 2500 1002 Memphis, TN; WBAH-TV; TL to WKNO-TV tower, 2.5 miles NE of Memphis on L&N Railroad	13 WCCE	Mount Vernon, IL; Pyramid Bc'g
20 5000 1482 Fort Myers, FL; WBBH-TV	52 KSBI	Oklahoma City, OK; Satellite Bc'g
24 148 319 Moline, IL; WQPT-TV	18 WJLH	Laurel, MS; Capitol Broadcasting
31 1620 204 Alexandria, LA; KLAX-TV	16 WRDG	Burlington, NC; National Group Telecommunications of Burlington
32 n.c. n.c. New Orleans, LA; WLAE-TV; TL to 0.42 miles west of Paris Road & Bayou Bienvenue, New Orleans	17 KCBR	Des Moines, IA; Independence Bc'g
35 3548 1096 Marshall, TX; Holt-Robinson	61 WVCI	Bay City, MI; Vistacom, Inc.
APPLICATIONS TO CHANGE EXISTING FACILITIES	54 WHKT	Muskegon, MI; Apogee-Bonnee Corp.
10 316 2000 Phoenix, AZ; KOOL-TV	48 WGCC-TV	Greenwood, SC; Metro Communications South, Inc.
8 162 2948 Salinas, CA; KSBW-TV	CALL LETTERS ASSIGNED: CHANGE EXISTING	
42 2163 1381 Birmingham, AL; WBMG	55 WZXX	Springfield, IL; WBHW (this approval was later set aside)
38 148 n.c. Columbus, GA; WLTV; circular pol	2 KSNK	Great Bend, KS; KOKT
62 35 755 Tacoma, WA; KTPS; change to ch. 28 (note under changes in the Table of Assignments) TL to 5544 N. 35th St., Tacoma	14 KOOD	Hays, KS; KSMH-TV
CHANGES IN EXISTING FACILITIES GRANTED	27 KSTB	Topeka, KS; KTSB
32 1236 820 Montgomery, AL; WKAB-TV	3 KSNW	Wichita, KS; KARD-TV
49 686 975 Akron, OH; WEAO; granted limited PTA; TL to 2101 S. Cleveland-Massillon Road, Copley	23 KNAT	Albuquerque, NM; KLKK-TV
16 4000 984 Salisbury, MD; WBOC-TV, began 8/15/82 (prior to the application to modify this permit)	28 WBRE	Wilkes-Barre, PA; WBRE-TV
9 316 996 Grandview, WV; WSWP-TV; circular	16 KSNF	Joplin, MO; KTJV
8 297 710 McCook, NE; KOMC	11 KSNQ	Garden City, KS; KGLD
4 100 903 Columbus, OH; WCMH-TV; TL to 766	8 KSNK	McCook, NE; KOMC
	20 WYCC	Chicago, IL; WOME
	12 WCTI	New Bern, NC; WCTI-TV
	CHANGES IN CITY OF IDENTIFICATION GRANTED	
	* WDZL, ch. 39, Miami, Florida, to identify as Miami-Port Lauderdale	
	* WAAT, ch. 40, Wildwood, New Jersey, to identify as Wildwood-Atlantic City	
	CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS	
	Green Valley, AZ: add 46z	
	Mountain Home, AR: add 43+	
	Carroll, IA: add 30+	
	Magee, MS: add 34+	
	Las Vegas, NV: add 15+	
	Seattle, WA: add *62z; delete *28z	
	Tacoma, WA: add *28z; delete *62z (change was applied for by Tacome School District No. 10, recently given CP for ch. 62 in Tacoma. A broadcast station on channel 62 would eliminate many translators presently oper-	

ating on channels 55-69. The transmitter site for channel 28 must be at least 20 mi. from the proposed transmitter site for Family Broadcasting Company, given a construction permit to operate on ch. 20, also assigned to Tacamah, WA.	tion.); Roanoke Family Television, Ltd.; Telecommunications Partners, Ltd.; Roanoke Media 38, Limited.
STATIONS ON THE AIR	RESULTS OF CONSOLIDATED HEARINGS
● WFLX, ch. 29, West Palm Beach, Florida; 2544 kw max ERPvis; 692 kw hor.; 1500' HAAT; 1533' AG; 1549' ASL; TL at 2.3 miles west of Hwy. 441; 0.7 miles south of Lantana Road, near Green Acres City; coordinates 26-34-37; 80-14-32; began 8/14/82. Address: Malrite of Florida, Inc.; 4130 Blue Heron Blvd., West Palm Beach, FL, 33404.	● Portland, OR; ch. 24; FCC dismissed application of Christian Television, Inc. and granted Tavitac Corporation. A new corporation was formed by the merger of Tavitac and Christian Television.
● WTGL-TV, ch. 52, Cocoa, FL; 5000 kw ERPvis; 1385' HAAT; 1456' AG; 1500' ASL; TL at Deseret Ranches, Star Route 1250, Melbourne, Florida; coordinates 28-18-26; 80-54-48; began 8/16/82. Address: Good Life Broadcasting, Inc., 26 Forest Avenue, Cocoa, FL, 32922.	● Somerset, KY; ch. 16; Originally Administrative Law Judge recommended that a CP be granted to Bluegrass Media, Inc. and that application by TV-8, Inc. be dismissed. But the FCC reversed that decision, granting the construction permit to TV-8, Inc., feeling that TV-8's joint operation with WTLO(AM) gives it greater qualification as a television operator. Also, this would advance the FCC's policy on UHF development, since Bluegrass Media proposed a satellite station which would duplicate the programming of WBKO, Bowling Green, KY.
● KUSK, ch. 7, Prescott, AZ; 8.71 kw ERPvis; 2814' HAAT; 110' AG; 7930' ASL; transmitter at south peak of Mingsu Mountain, 22 miles ENE of Prescott; coordinates 34-42-17; 112-05-55; began 9/5/1982. Address: KUSK, Inc., 3211 Tower Drive, Prescott, AZ; 86301.	● Boulder/Broomfield, CO; FCC dismissed the applications of C.S.T.V., Inc., Family Television, Inc., and Rocky Mountain 14, Inc., and granted application of Boulder Telecasting Corporation with amendments reflecting the substitution of engineering proposals contained in the application of C.S.T.V., Inc.
● KNLC, ch. 24, St. Louis, MO; 1466.7 kw ERP vis; 998' HAAT; 732' AG; 1647' ASL; Transmitter located on Mount Olive School Road, in House Springs; coordinates 38-21-40; 90-32-58; began 9/12/82. Address: New Life Evangelistic Center, Box 924, St. Louis, MO, 63188.	● Lexington, KY; channel 62; FCC dismissed application by Lexington Family Television and granted construction permit to Way of the Cross Outreach, Inc.
● KUSI-TV, ch. 51, San Diego, CA; 2240 kw max. ERP vis; 309 kw hor.; 1940' HAAT; 197' AG; 2747' ASL; transmitter at San Miguel Mountains 12.85 miles ESE of San Diego Post Office; coordinates 32-41-48; 116-56-09; began 9/13. Address: University Television, Inc., 7377 Convoy Court, San Diego, CA; 92111.	DIRECT BROADCAST SATELLITE
● WVAH-TV, ch. 23, Charleston-Huntington, WV; 5000 kw ERPvis; 1722' HAAT; 1666' AG; 2546' ASL; transmitter at south side of Poplar Fork Road, 1.53 miles north of US Route 60, 1.34 miles south of Scott Depot (0.11 miles north of their originally proposed site); coordinates 38-25-15; 81-55-27; began 9/19/1982. Address: West Virginia Telecasting, Inc., 23 Broadcast Plaza, Hurricane, WV, 25526.	The FCC granted a permit to Satellite Television Corporation to construct two DBS satellites, one to be put into use and one to be a spare. STC plans to put its first satellite in use to cover the eastern time zone of the United States. This is the first of four phases, each of which will cover one time zone of the contiguous United States.
APPLICATIONS FOR SUBSCRIPTION TELEVISION	FCC RESTRUCTURING
● WTVE, ch. 51, Reading, PA	The FCC in merging the Broadcast Bureau and the Cable Television Bureau into the Mass Media Bureau, with four divisions and their branches as follows:
● Kalamazoo, MI; ch. 64; Channel 64, Inc.	I Video Services Division
● Manchester, NH; ch. 60; Showair	A Cable Television
CONSOLIDATED HEARINGS	B Low Power Television
● Kerrville, TX; ch. 25; Commanche Broadcasting, Inc.; Tierra Del Sol Broadcasting, Inc., Hispanic American Broadcasting of Texas, Inc.	C Broadcast Television
● Toocoo, GA; ch. 32; Stephens County Broadcasting Company; Millard V. Oakley	D Distribution Services
● Roanoke, VA; ch. 38; Vine & Branch, Inc. (sole stockholder is Evangel Foursquare Church; the church council passed a resolution authorizing its pastor, C. Kenneth Wright, to make all policy decisions concerning the proposed station, and limiting the church council to an advisory position which the pastor may consult at his disposal. The FCC feels that the applicant is basically abandoning all responsibility and control of the proposed sta-	II Enforcement Division
	A Complaints
	B Fairness
	C Political Broadcasts
	D Hearings
	E Equal Employment Opportunities
	F Investigations
	G Control
	III Audio Services Division
	A AM Radio
	B FM Radio
	C Auxiliary Services
	IV Policy and Rules Division
	A Allocations
	B Policy Analysis
	C Legal
	D Technical and International

## TELETEXT STATIONS

It was reported previously that CBS and NBC are both planning to transmit teletext signals on a nationwide basis. Although I have not seen any official notice of their project having begun, I noticed most CBS stations in this area carrying some form of signals only during CBS network programming. Those stations are: WSBA, ch. 43, York, PA; WCAU, ch. 10, Philadelphia, PA; WBAL, ch. 11, Baltimore, MD; and WTKR, ch. 3, Norfolk, VA; all of which are using lines 15 and 16 of both fields. A few CBS stations are sending signals on the latter 2/3 of line 16, field one, and all of line 16, field two; they are: WLYH, ch. 15, Lebanon, PA; and WHP, ch. 21, Harrisburg, PA. No teletext has been seen on WBCC, ch. 16, Salisbury, PA, or on WDMV, ch. 9, Washington, D.C. WAVY, ch. 10 in Portsmouth, VA, an NBC station, seems to be doing teletext on its own, as lines 15 and 16 are transmitting coded signals steadily through network and local programming.

## FORUM

Glenn Hauser sent an article from the Knoxville Journal on KM2XKA, the ch. 7 experimental station in Knoxville, TN. They were licensed only to broadcast information directly related to the World's Fair, but they have been announcing that the station would continue after the fair with a combination of local, network, cable, and public programming. But the FCC notified the station that it was not authorized to operate after the fair was over, and was not permitted to broadcast any material other than World's Fair related. The licensee never applied to the FCC for approval for these, nor for approval for a change of ownership. The station was shut off as of Friday, September 24.

Leslie Price updates the situation on the WWAY transmitter tower in Wilmington, NC. From the 9/7/82 Wilmington Morning Star, an article about a couple from Ocala, Florida, that decided they wanted to get married from atop a television tower. While rehearsing the wedding the day before, they got stuck halfway up when the elevator broke. They had to climb down the ladder.

Last month it was Greg Monti in Alaska; now it's Rod O'Connor in Honolulu, Hawaii. He says that KSHO-TV, the new station on ch. 26 in Honolulu, has been testing with color bars and tone, but no programming is scheduled for a few months yet, according to a call Rod made to the station. KSHO-TV will be Hawaii's first UHF broadcast station. KSHO-TV originally planned to be an all-business-news station, but is now considering old reruns, movies, and foreign-language programs. (This according to an article from the Sunday Star-Bulletin & Advertiser, a Honolulu paper, dated 9/19/82. The general view from advertising agencies and business firms is that the station's future is not at all promising. Despite this, there are two other UHF stations being built: one on ch. 14 by Pacific Rim Broadcasting Co., and on ch. 20 by Sunset Communications, with call letters KHAI. Rod also went into some detail on APTS stations

in the Pacific. There is an outlet on ch. 10 on Johnstown Island, about 120 watts. There was a station at Majuro, Marshall Islands, but that is no longer there. But there are two other stations in the Marshall Islands located on the Kwajalein Atoll: a fairly strong station on ch. 8 at the south end of the atoll, and a weaker one, about 100 watts, on the northern end, probably on ch. 10. There are no commercial stations on these islands. More information will be coming in soon on American and Western Samoa.

Mike Reid reports on CCI patterns, "I believe you're right about the idea that 10 and 20 kHz beats both produce fine line patterns. However, it doesn't mean that you're right about the slant or # of lines...." (Actually, the number of lines is not important. They are a secondary pattern of hundreds of lines arranged in such a way as to give the illusion of slightly diagonal lines only three or four scan lines apart. If we use "d" to be the difference in frequency between two stations, then  $d=8000$  to  $12,000$  kHz for  $10$  kHz offset, but usually close to  $10,000$ . Using the formula  $(15,750-d)/60$  for the number of lines produced, we find that  $10$  kHz CCI can produce 62 to 129 lines, but normally about 96. For  $20$  kHz CCI, use  $(d-15,750)/60$  where  $d = 18,000$  to  $22,000$  kHz. CCI patterns for  $20$  kHz can be 54 lines to 121 lines, but normally around 87. I still insist that the slant of the lines, when it can be determined, is the only way to distinguish between the two.) Mike adds, "I have never seen a  $10$  kHz beat produce a  $10$  bar pattern on any channel, come to think of it." Mike makes a couple of corrections on the TV Station Guide. WNNY-TV, ch. 7 in Watertown, NY, should be CN (mostly CBS, very few NBC); KOTA, ch. 3 in Rapid City, SD, is nearly all NBC.

Cliff Rames of Hollywood, Florida reports having seen WFLX-TV, ch. 29, West Palm Beach, transmitting test patterns as early as 7/8. (It began broadcasting on 8/14, according to Television Digest, but Cliff reported that he hadn't seen it since 7/8, and his letter was dated 9/7. -wbf). Cliff saw WHRS-TV, ch. 42, Boynton Beach, FL, on 7/7/82 with PBS programming (Television Digest had starting date of 7/12; they goofed again! -wbf). Two separate articles from the Miami Herald both refer to the soon-coming WDLZ, ch. 39 in Miami, as being based in Hollywood. WDLZ is expected to begin on 10/16. WFLX, ch. 29 in West Palm Beach, which is supposedly already on the air as of 8/14, hopes to go on the air on 10/1, according to an article dated 9/3. WFLX plans to broadcast 7:00 a.m. to 1:30 a.m. weeknights, and until 3:00 a.m. weekends.

Albert S. Lobel sent in an article from the San Diego Union, 9/12/82, the day before KUSI-TV, ch. 51 in San Diego, went on the air. The struggle for channel 51 had been long. Back in 1965, the FCC granted a construction permit to Gross Broadcasting after a competing applicant, United States International University, withdrew its application in exchange for some of the interest in Gross Broadcasting. After several years, Gross

Broadcasting never got the station built, and the FCC was tired of extending its permit. And the University was no longer interested in building the station. (The University apparently decided to go ahead after all, but the article somehow missed this point. -wbf) Christian Communications Network took the issue to court, claiming that USIU was financially unable to operate the station, but the court upheld the University in 1980, and USIU finally managed to get the money to build the station. KUSI-TV is an independent commercial station, and will broadcast syndicated programs, but will emphasize Spanish programs and Country programs, feeling there is an interest for both in the area, but not enough of that type of programming available yet. KUSI will also broadcast some BBC programs which PBS stations would normally show. There will be movies during the daytime.

Ronald Purdue (not Leslie Price, as I mistakenly typed it in the August, 1982 column) is still keeping an eye on the Minnesota situation. KTMA-TV, ch. 23 in the Twin Cities, was transmitting test signals on 9/21/82. According to an article Ron sent from the 9/15 Minneapolis Star and Tribune, KTMA-TV will offer SPECTRUM subscription service, and will be using a Zenith decoding system with a capacity for pay-per-view programs, which suggests remote control signals like some of the STV stations in the eastern states are using. So look for those white squares in the VBI. KTMA-TV will be operating until 5:00 a.m. every morning.

A few articles of interest appeared in the Philadelphia Inquirer over the past few months. You remember RKO General, the company that's losing those licenses? They pulled a sneaky with WOR-TV in New York. It seems that Senator Bill Bradley attached an amendment to the tax bill passed by Congress, which would automatically renew the license of a commercial VHF station that relocated itself to a state presently having no commercial VHF station (being only Delaware and New Jersey). WOR-TV announced plans to relocate its station to Secaucus, New Jersey, automatically renewing its license for five years. Democrat representatives James Florio and William Hughes aren't satisfied yet. According to the Atlantic City Press, they wrote to the FCC asking that the transmitter should be moved to New Jersey, or the signal should be boosted somehow. Dig this brilliant quotation from these intelligent congressmen: "Those in Central and Southern New Jersey will still not have a New Jersey Television Station." Maybe they never learned how to count past thirteen. New Jersey has plenty of television stations, both educational and commercial, as well as access to dozens of other commercial and educational stations near its borders.

## MORE TO COME NEXT MONTH

Because of an excellent DX season, both for E-skip and tropics, this month's VUD is expected to be another large one, so it became necessary to limit the size of this month's column once again. Quite a bit of material is still waiting to be printed. I still have the LPTV report to do; I'm hoping to get some material on the new channel four that is supposed to begin operation in England, and will hold off on that until I can get enough information. I'll use the remaining space below to at least begin the report on the FCC's actions to improve UHF television reception. The rest will continue next month.

IMPROVEMENTS TO UHF TELEVISION RECEPTION  
PART ONE: INTRODUCTION TO THE PROBLEM

In 1954, 125 UHF stations had begun operation, but their numbers fell to as low as 84 five years later, but now there are well over 400 stations in operation.

Government programs are probably the major factor in improving the UHF situation. The All-Channel Receiver Act of 1962 (probably the single most significant factor in my opinion) required that all sets be capable of receiving UHF. Other subsequent laws were passed improving the UHF tuning system, noise levels, and requiring that UHF be given equal treatment with VHF when installing receiving antennas in the manufacture of the set. The UHF Comparability Task Force was instituted in 1978 to search out other ways to improve UHF television service.

After receiving comments from the public on the situation, as well as several reports from the task force, the FCC adopted a set of rules.

The task force determined that the receiving antenna system is the weak link in the chain of components from television transmitter to receiver. The task force found that superior receiving antenna equipment is available at low cost, but unless the public has the knowledge and desire to install it, better equipment will not be utilized. The task force observed that exact equality with VHF was not required in order to achieve a diverse and competitive UHF television service. They advocated a viable and profitable UHF service on its own merits, without comparison to VHF. It is on this premise that the FCC based its policy with regard to any additional regulation of UHF.

In 1980, the percentage of UHF stations reporting profits was roughly equivalent to the percentage of AM and FM radio stations reporting profits. While none of these services comes close to the percentage of VHF television stations reporting profits, AM and FM are reasonably healthy services and there is still demand for those services to increase. The same being for UHF, it is concluded that UHF television must be in a financially healthy situation. Also, in contrast to the situation in the 1950's, no UHF station has permanently ceased operation since 1976 (except WNAO-TV in Atlantic City, New Jersey; this report had been written earlier.)

# WESTERN TV-DX

November 1982

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105

Deadline: 12-3-82

DX season seems to have come to an end here. There are, of course, some exceptional off season occurrences of DX. I think the trick is for the DX'er to keep alert and keep checking the bands. If you see anything, please report it.

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tentative - t Unidentified - unid

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260

**July 1982**  
19 tr 0830 KLTL 18 LA 630  
KLTG 24 LA 539  
Es 0900 WRCB 3 TN 1035  
1800 unid ch 2 Mexico  
21 Es 2310 WCBG 2 SC 1359  
2315 unids 2,3 east  
2351 WSB 2 GA 1098  
22 Es 0040 WNGE 2 TN 968  
(again @ 0107 & 0141)  
0042 WDTN 2 OH 1152  
0047 XEWO 2 JAL 840  
0101 KBCI 2 ID 990  
(ms induced ??)  
1720 WBBMT 2 IL  
1722-24 unids 2,4 ne  
1730 WNEB 5 MI 1247  
CKPRt 2 ON  
("PR" call )  
1950 KNXT 2 CA 855  
23 Es 0903 XEWO 2 JAL 840  
0905 unids 2 Mexico  
1500 unids 2,3 north  
KOUS 4 MT 891  
1822 unids 2-6 north  
1829 KXLF 4 MT 1004  
1930 KHQ 6 WA 1224  
24 Es 1730-1830 unids 2-4 e  
2100 WPBT 2 FL 1508  
WTVJ 4 FL 1508  
2102 ICR-TV2 t 4 Cuba  
2103 unid 2 e-se  
(resolution TP )  
2157 WMAB 2 MS 828  
2158 WLBT 3 MS 772  
2159 WDIQ 2 AL 1008  
25 tr 0027 XEPM 2 CH 205  
XEJ 5 CH 205  
0030 KISM 9 TX 201  
0035 KVLA 7 TX 201  
Es 0930 KRON 4 CA 1116  
(video ID)

25 Es 0930 KCRL 4 NV 1008  
(audio ID)  
KTVU 2 CA 1116  
1000 KVIQ 6 CA 1247  
KCRA 3 CA 1077  
1030 KVBC 3 NV 698  
1031 KVVU 5 NV 698  
26 Es 1926 unid 4 Michigan  
1926-2130 unids 2-6 ne  
1959 CHFD 4 ON 1260  
2000 CKCOt 2 ON  
27 Es 1620-40 unid 2 north  
(full CB- KGF, KUSD?)  
2100 CFAC 2 AT 1328  
2118 unid ch 2 north  
(CB - same as above?)  
2119 KDIX 2 ND 936  
2130 CKTV 2 SA 1188

**August 1982**

1 Es 1610 unids 2-6 east  
1625 unid ch 7 east  
(0 kHz to KOSA - PBS,  
WITV or WCIQ ??)  
1657 WWL 4 LA 819  
1700 KALB 5 LA 644  
1730 WLBT 3 MS 772  
tr 2025 KSWO 7 OK 289  
Es 2037 WVA 6 WV 1274  
2100 WSJK 2 TN 1170  
5 Es 1500 KTVU 2 CA 1116  
2118 WTWO 2 IN 981  
2119 WDTN 2 OH 1152  
6 tr 0830 K19AA 19 OK 252  
8 Es 2015 unid ch 2 east  
9 Es 1723 unids ch 2-5 nw  
1729 KBCI 2 ID 990  
1800 KUTV 2 UT 707  
2055 KTVN 2 NV 1008  
2056 KVVU 5 NV 698  
2128-2200 unids 2-6  
11 Es 2031 WBTV 3 NC 1206

11 Es 2100 WRCB 3 TN 1035  
WFBC 4 NC 1206  
2128 WNGE 2 TN 968  
2240 unid ch 2 ne  
(crawl across bottom-  
about skip conditions)  
2256 CKTV 2 SA 1188  
2330 CKYB 4 MB 1148  
18 ms 0822 KGAN 2 IA 878  
(15 sec. burst )  
Es 1920 unids channel 2  
2000 WSJK 2 TN 1170  
2100 WDIQ 2 AL 1008  
2101 KGAN 2 IA 878  
19 Es 0901 unid 2 - XEW net  
22 Es 2116 unid 2 - XEW net  
28 tr 1600 OKC ch 14,25,34

**July 24, 1982**

Report from Sunspot, New Mexico (solar observatory)  
- elevation - 9200' a.s.l.  
(16 miles s of Cloudcroft,  
NM in the Sacramento moun-  
tains)

5" b&w, mono-pole & bow-tie

Call	Ch	City	VAFI	Dis
XEPM	2	Juarez	5555	85
KENW	3	Portales	3455	140
KDBC	4	El Paso	4554	77
		(KOB co-channel int.)		
XEJ	5	Juarez	5555	85
KAVE	6	Carlsbad	4555	88
KIVA	7	El Paso	5555	77
KSMS	8	Roswell	3555	110
KTSM	9	El Paso	5555	77
KBIM	10	Roswell	3555	132
KOOS	13	El Paso	5555	77
KCIK	14	El Paso	2355	77
KRWG	22	Las Cruces	2355	63
XHLJ	44	Juarez	2355	85

Well, Es season is dropping off fast - but trop conditions seem to be building. Fifteen new ones bring TV totals to 280 for one full year at this location. Visited the solar observatory at Sunspot, New Mexico (about 120 miles west of here). At 9200' a.s.l., there's a fantastic view - 100 to 150 miles to the north, west, and south. Quite a few stations were seen, plus translators for that area. July 24 saw Miami in, plus a Spanish on channel 4 that wasn't a Mexican dialect - suspect Cuba - didn't last long. July 22, early morning Es, I believe was ms induced. Within 20 minutes, ID's from Idaho to Mexico with a lot of ms bursts mixed with Es. Until next time, 73's. Jim  
(Nice loggings, Jim. Your first year seems to me to have been outstanding. Hope you will be able to provide this column with some winter DX. It seems to pretty much disappear up here. fm)

Western TV DX

November 1982

Ronald Purdue, Route #1, Box 224, Byron, MN 55920

CDT

Equipment: RCA 1982 XL-100 color, J.C. Penney 5" b&w portable, Winegard CH-7084 with Winegard AC-9880 preamp at 28' a.g.l.

**August 1982**  
30 tr 1835 WIFR 23 IL 194  
1837 WQRF 39 IL 218  
1843 WGVC 35 MI 336  
**September 1982**  
18 tr 2100 WPNE 38 WI 222  
21 gw 1257 KIMA 23 MN 71  
23 Ae 2005 KPRCt 2 TX 1005  
25 tr 2220 KMEG 14 IA 218  
2223 KELO 11 SD 217  
27 tr 0718 KYNE 26 NE 257

September has been a slow month for DX'ing with only six loggings this month and four loggings on August 30th. KIMA, channel 23, in Minneapolis is now on. They came on for the first time on the 21st with tests. The following day, KIMA began an STV service called "SPECTRUM", and they are on from 3 PM to about 5 AM on weekdays and from 9 AM to 5 AM on weekends. The rest of the time, KIMA shows scrambled tests. They have no Barker. If any DX'er sees a scrambled picture on channel 23 with no Barker, it's KIMA. WFBT-29 Minneapolis will go on the air on October 3, 1982 with 50% religious and 50% family shows. They will be on from 6 AM to 1 AM daily. Both KIMA and WFBT will be regulars here. KXLI-41, St. Cloud, may also be a regular here. Don't expect KIMA to be on the air after mid-1983. I am expecting that they will go "dark" like WAC-53 in Atlantic City, NJ did last June. Due to lack of free programming. That's all for this month. See you in 30, 73's. Ronald

(Thanks for your report, Ron. I doubt that KIMA's future is quite as bleak as you believe. Most, if not all, STV operators are claiming that they are not making any money, and some have quit; but there are so many vying for channels in the major cities, that one has to assume that either money can be made, or all those businessmen are fools. I think they expect to make money in the short term by filling the pay TV void during the wiring of the cities. With regard to what you call free tv; I have to say that there is no such thing. Viewers will either pay for the programs through their taxes, through the ad dollar portion of the cost of purchased products, or through direct payments to program providers. It may well be that the latter is the fairest. fm)

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

**September 1982**  
3 tr 2258 K58AS 58 MN 185  
10 tr 0750 K68EM 68 SD 190  
(Lowry, SD KPRY- 4)  
0759 K56AX 56 SD 190  
(Lowry, SD KPLQ- 6)  
0806 KHNE 29 NE 425  
10 tr 0827 KXNE 19 NE 320  
2257 K23AA 23 NE 460  
(Beatrice, NE KUON-12)  
2300 K33AB 33 IA 245  
2328 K67BZ 67 MN 105  
(Walker, MN KBJR- 6)  
2330 K69CP 69 MN 105  
(Walker, MN KSTP- 5)  
11 tr 0005 WIVot 17 IL  
0008 WMTV 15 WI 445  
0129 KETV 7 NE 385  
0151 KCCI 8 IA 385  
0209 KSHBt 41 MO  
21 tr 1946 KIMA 23 MN 215  
25 tr 0830 WEAU 13 WI 320

New KIMA-23 seems to have been detectable here continuously since they came on the air; though it is not much fun to watch. I expect DX to be pretty rare here for quite a few months, but I will try to keep checking for those off season openings. 73, Fred

ONE DUBUQUE PLAZA  
DUBUQUE, IOWA 52001

KYFC-TV  
A Division of Kansas City Youth For Christ  
4715 Rainbow Boulevard  
Shawnee Mission, Kansas 66205

m.p.o. box 21  
Springfield Mo.  
65801

IOWA PUBLIC BROADCASTING NETWORK

KTSB-TV TOPEKA  
POST OFFICE BOX 2700  
TOPEKA, KANSAS 66601

# EASTERN TV-DX

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee, WI  
54216

November 1982

Robert Grant; 5775 Bishop, Detroit, MI 48224 N8DZY C2DT (EDT) \* = thru local

Deadline: 1 st

June 1982

22 Es 1200 KIII-3 TX  
1230 KHTX-3 TX  
KTBS-3 LA  
23 Es 1700 CBHT-3 NS  
25 Es 1210 WPTV-5 FL  
1215 WEDU-3 FL  
1235 Unided-5; B&W  
line rate.  
1300 WEDU-3 FL  
1333 KATC-3 LA  
WCIX-6 FL t  
26 Es 1030 WEDU-3 FL  
1100 CBHT-3 NS  
1130 WKRG-5 AL  
(Two separate openings)  
1300 KFDM-6 TX  
Beaumont  
1301 gone to field day.

July 1982

2 Es 2030 KATC-3 LA  
WMAB-2 MS t  
2100 KOET-3 OK  
5 Tr 0652 WCML-6 MI  
"rare"  
8 Es 1630 KATC-3 LA  
1700 KENW-3 NM  
1704 KIII-3 TX  
1800 KBTX-3 TX  
1802 KAMR-4 TX \*  
1909 WLBT-3 MS  
11 Es 1935 Unided-3;  
SRC super opening.  
1939 WFSB-3 CT  
CBVT-2-3 PQ t  
CBAPT-1-5 NB t  
1958 CJON-6 NF  
St. John's

July 1982

11 Es 2001 CFCM-4 PQ \*  
quebec City  
WPTZ-5 NY t  
2027 WRGB-6 NY t  
2059 WSTM-3 NY 335  
Syracuse  
verified by  
phone call.  
2100 KBME-3 ND  
2144 CFSS-3 SK  
12 Tr 0725 WJMA-17 MI  
Grand Rapids

August 1982

1 Es 1937 KIII-3 TX  
2000 KFDX-3 TX  
2200 KFTX-5 TX  
KENW-3 NM

From Honor; MI:

July 1982

13 Ae 2016 KATC-3 LA  
2029 KDFW-4 TX  
2100 KPRC-2 TX  
2106 Unided-4; 3DTV  
2302 WEZ-4 MA  
Boston  
2310 WSTM-3 NY  
Syracuse  
2320 WNBC-4 NY  
2330 WMAR-2 MD  
2345 KTBS-3 LA  
2353 WUND-2 NC  
Columbia  
WUNC-4 NC  
Chapel Hill  
2359 WBRZ-2 LA  
14 Ae 0000 WSJK-2 TN  
Sneedville  
16 Es 0330 Unided-2 I.D. as  
ch.2 & 7%. Who  
is this 2 & 7.  
(No clues in the  
Station Guide;  
maybe the ch.7  
is a xltr-wd)  
18 Es 2000 KETS-2 AR  
KOET-3 OK  
KFDX-3 TX  
2018 KTVY-4 OK t  
19 Ms 0354 WMAR-2 MD t  
0358 CKGN-2-2 ON  
Bancroft  
Es 0530 WESH-2 FL  
0630 KPRC-2 TX  
0632 KTBS-3 LA  
0700 KDFW-4 TX  
0707 KFDM-6 TX  
Beaumont  
0715 KJAC-4 TX  
0736 Unided-2; CNN2  
0745 KTVY-4 OK  
Oklahoma City

July 1982

19 Es 0757 KFDX-3 TX  
0824 KMID-2 TX  
Midland  
0843 KENW-3 NM  
Portales  
1120 KTVQ-2 MT  
KXLF-4 MT  
KOUS-4 MT  
Hardin  
20 Tr 1030 WMAQ-5 IL  
Chicago  
Es 1810 WEZ-4 MA  
1815 WLEZ-2 ME  
Bangor  
1820 WCVB-5 MA  
Boston  
2000 CBHT-3 NS  
Halifax  
2128 WKTU-2 NY  
Utica  
2200 WGBH-2 MA  
Boston  
21 Tr C100 WTVO-17 IL  
Rockford  
0103 WRAU-19 IL  
Peoria  
0105 WLEB-26 WI  
Green Bay  
Es 0201 KOA-4 CO  
0210 KWGN-2 CO  
Tr 0235 WSAU-7 WI  
(super strong)  
(Now WSAW-wd)  
Es 0254 KCKT-2 KS  
Great Bend  
0300 KTVS-3 CO  
0302 KARD-3 KS  
1646 WESH-2 FL  
1700 KPRC-2 TX  
1810 WPTV-5 FL  
W.Palm Beach

July 1982

21 Es 2000 WEDU-3 FL  
WERZ-2 LA  
2100 WPBT-2 FL  
Miami  
22 Tr 0715 WAEO-12 WI  
Portales  
23 Ms 0319 WNGE-2 TN  
Nashville  
Tr 0323 WSAW-7 WI  
(new call. Ex-  
WSAU)(I know-  
wd)  
0522 WTTW-11 IL  
Chicago  
0547 WDIV-4 MI 215  
Ms 0550 WCBS-2 NY  
0551 WMAR-2 MD t  
WGR-2 NY  
Buffalo  
0627 WJFK-2 MI  
Detroit (prev-  
iously via trop)  
Tr 0800 WIFR-23 IL  
Rockford  
Es 1128 WTVY-4 AL  
1132 WESH-2 FL  
1145 WEDU-3 FL  
1230 WEAR-3 FL  
24 Tr 0930 WNDU-16 IN  
South Bend  
Es 1440 WJXT-4 FL  
1919 KFDX-3 TX  
1920 KMID-2 TX  
26 Es 1600 WEDU-3 FL  
1730 WBRZ-2 LA  
WVL-4 LA  
WMAB-2 MS  
Ackerman  
1732 WLBT-3 MS  
1830 KJAC-4 TX  
1927 KPRC-2 TX  
2247 KMID-2 TX  
2300 KTVY-4 OK

Eastern TV-DX

July 1982

26 Es 2300 KFDX-3 TX  
27 Es 0000 KAMR-4 TX  
Amarillo  
1000 KETS-2 AR  
KPRC-2 TX  
KARK-4 AR  
Little Rock

Grant; continued---

July 1982

27 Es 1042 WDSU-6 LA  
1100 WBRZ-6 AL  
Birmingham  
1130 WTVY-4 AL

July 1982

30 Es 0030 KTWO-2 WY  
Ms 0336 CKND-2-2 MB  
Minnedosa  
(new on the air;  
3/4 c.b. w/I.D.)  
(Province No.4)

November 1982

Back at Detroit:

August 1982

5 Tr 2100 WGTU-29 MI (rare)  
2200 WSAW-7 WI t  
6 Tr 0320 WLS-7 IL  
Chicago  
0340 WSEFJ-51 OH  
Newark  
0620 WKCF-22 OH  
nash on ch.2  
Au visible in sky!  
7 Au 0200 WNGE-2 TN  
Au visible in sky!  
11 Ms 0430 WNGE-2 TN  
26 Es 2120 Unided-7 (-)  
2200 WLBT-3 MS

August 1982

26 Es 2200 KATC-3 LA  
2300 WEAR-3 FL

September 1982

5 Gw 0900 CICO-32 xting  
WFUM.  
CICO-59 xting  
WFUM.  
6 Tr 0015 CBLFT-25 ON  
CFMT-47 ON  
CBLFT-76 ON  
CICA-19 ON

1982 was surely the best DX year up at "The Lake". Can any body I.D. my "2&7" on July 16th? I got a letter from KHON saying it wasn't them. (KHON has a satellite on ch. 11 also-wd).

There seemed to be a lot of UHF tropo at Honor this year. Probably due to unusually warm weather. It hit 93F in Traverse City one day. Typical high is 70F.

TV is 1982 RCA c.o.l.o.r. in Dertoit and 1979 B&W in Honor. 1981's hottest Es stations at Detroit: WEDU-3(12 times), KATC-3(8), WPBT-2 and WEAR-3(5 ea.) KIII-3, KTVS-3, WTVJ-4, KXAS-5 and WCIX-6(4 each). The WSTM-3 logging surprised me at only 335 miles. Every year so far I have beaten my shortest Es by 200 miles. (Next year WKZO-31, hi.)

In early September I tried putting up my Finco P-7 dish but I must have done something wrong because I get less gain than the indoor loop provides.

At 0200 August 7th I noticed very heavy hash on WJKB-2. I was surprised to actually see the aurora in the sky over Detroit. (The bright lights of I-94 freeway are less than 1/2 mile away, and I usually see only a few stars.)

(Robert goes on to list his station totals, however, beginning with this issue you won't find any station totals in this column. Send your station totals to Bob Seybold, as he is now doing the Statistics column.-wd)

Tim McVey; Rt.3 Box 568, Bolivar, TN 38008 CDT

May 1982

3 Es 0815 KGBT-4 TX 822

June 1982

18 Es 0900 KOB-4 NM 998  
22 Es 0845 KMID-2 TX 780  
25 Es 1615 KDIX-2 ND 1079

August 1982

2 Es 1000 WESH-2 FL 632  
11 Es 2300 CKTV-2 SK 1305  
2315 CBKMT-4 SK 1355

June 1982

13 Tr 2330 WSFA-12 AL 260  
14 Es 1130 WPBT-2 FL 843  
1115 WTVJ-4 FL "  
1145 CMBF-2 Cuba 965  
1150 ? -4 "  
(in parallel w/2)  
1730 XEPM-2 CH 1040  
15 Es 2030 CKYP-4 MB 1150

July 1982

10 Es 1030 KNOP-2 NE 756  
12 Tr 0845 KMTC-27 MO 273  
Es 1100 KUTV-2 UT 1302  
1101 KTVX-4 UT "

September 1982

7 Tr 0945 WKZT-23 KY 239  
0946 WKMA-35 KY  
0947 WKGB-53 KY

Since I have been using the tee-vee as a DX barometer, it is only fair to now try to DX with it. This is my first report for TV DX, so everything listed herein is new. I know I have missed a lot more, but until I become more experienced, I will have to still depend on I.D. slides. Equipment is - - - Sony 7" B&W, Sears 19" color, and several antennas. Good luck, y'all. Tim.

Steve Sprachman; 3939 Eve Drive, Seaford, NY 11783 EDT

DX in August was OK, but September was much better. Included in this month is my first sighting of WXXA-23 Albany. The station has independent programming.



Eastern TV-DX Sprachman; continued--- November 1982  
Dates with tropo - Aug. 2,3,4,6,7,8,11,12,15,19,20,23, Sept. 10 through 15.  
Dates with Es - Aug. 3 & 11.

Highlights: Aug. 19 Tr 0700 unided ch.23 with test pattern. Aug. 20 Tr 0630-0730 - UHF; Boston, Eastern PA, MD to DC; unided-54 with financial news final-probably WNUV-54, Baltimore; unided-60 PBS. Sept. 11 Tr 0800-1000 - Eastern PA stations strong including WGAL-8, Lancaster. Sept. 12 Tr 0745-1000 WXIA-23 Albany - new; I.D. seen. September 13 Tr 1830-2300 - All MA U's seen. Also, U's from Philly and DC including WTKK-66.

The six day period from Sept. 10th thru the 15th brought many relogs on UHF. Since the convention, I've been taking pictures, so my I.D. photo collection was greatly increased during this time period. If I had known how easy it would be, I would have taken I.D. photo's a long time ago. I'd like to thank Marvin Shults for showing me that it works with an instamatic camera.

In the local TV news area, the FCC has licensed ch.55 in Riverhead. They hope to go on next year with family programming. The New York Times had an article on the dwindling number of open allocations in the top 100 cities. They state there are only about 43 unclaimed channels.

And finally, the convention has greatly enhanced my interest in DXing to the point where I'd like to help start some type of New York Metropolitan area DX associan. If any one else in this area thinks it's a good idea, write or give me a phone call.

That's it. Let's hope that the Fall DX is as good as the Summer's.

William R. Hepburn; AES Weather Station, Eureka, NWT Canada X0A 0G0  
Greetings from Ellesmere Island. A very strange place to do VHF DXing from. Twenty-four hour daylight and an almost completely open band except for our one watt TV station on ch.9. The most northern TV station in North America. The station relays "CBC North" and is operated by the army on a test basis. Should become a licensed station pretty soon. Other than that, no DX.

August 1982 - At Niagara Falls, ON: 1 Es 2028 muf ch.4; 2 Es 1040 muf ch.2. At Resolute Bay, NWT: 4 Gw CBEHT-9 NWT Resolute Bay; "CBC North". At Eureka, NWT C-----9 NWT Eureka, NWT; "CBC North". Times used in order of stations reported are: EDT, CDT & AST. 73's and good DX talk to you next month.

Mike DeWan; 1737 E. Meyers St., Hazel Park, MI 48030 EDT (all times approximate)

May 1982	June 1982	June 1982
21 Tr 0100 WKOI-43 IN 180 7 Es 2130 KATC-3 LA 970	20 Es 1600 KIII-3 TX 1280	
WJAC-6 PA 260 9 Tr 2100 W64AF OH 125	26 Es 1445 KFDN-6 TX 1040	
25 Tr 0000 WFYI-20 IN 230 10 Es 1400 KENW-3 NM 1200	KOCO-5 OK 995	
26 Tr 0100 W4ED-13 PA 210 13 Es 1900 CBWFT-3 MB 800	KOTA-3 SD "	
27 Tr 1600 WPTO-14 OH 220 14 Tr 2000 WOAC-67 OH 145	to KPLO-6 SD 800	
29 Tr 2230 W67AJ MI 45 15 Es 1900 KYCU-5 WY 1090	KIVV-5 SD 1025	
	1730 KEME-3 ND 905	
	27 Tr 2100 WTLW-44 OH 120	
June 1982		
7 Es 1830 WEAR-3 FL 870	2100 KRMA-6 CO 1125	
to WKRG-5 AL 855	19 Es 1500 KARD-3 KS 810	Equipment: Zenith System 3
WDSU-6 LA 940	1530 KRTX-3 TX 1070	19", Channel Master 1110
2130 KCEN-6 TX 1090	1600 KENS-5 TX 1220	Quantum and 7' dish at 30'.

These are all new loggings, also my first report since putting up the new antennas. I've found quite a difference between the 1110 Quantum and the 3610 crossfire that I had last year. The Quantum has a narrower forward beamwidth and some pretty mean sides, not to mention the overall better gain. I've added ten to twenty more to the list of stations that I get all the time, just by putting it up. Looking forward to putting them on a tower 50 or 60 feet up some day.

Paul Gaines and I kept in touch by telephone, advising each other of band openings this summer, which is part of the reason for so many new stations in so short a period of time. They were all positive I.D.'s, however.

Conditions have slowed down a bit after many good days of skip into the south and southwest during late May and June. Hope everyone had a good summer, anyway. 73's.

Eastern TV-DX November 1982

Eric Fader; 23-35 Bell Blvd., Bayside, NY 11360 EDT  
On 9/7, I returned to Philadelphia for my final year of law school. Unlike previous years, I now have a great tropo location available; fellow student Steve Firkser's 16th floor apartment on campus here at Penn. There's no block-age whatsoever to the south or west. I've been disappointed in the lack of tropo so far in Sept. (thru 25th), but there was one good opening on 9/11 from 10 p.m. on. Virtually all stations logged were new. Here's a composite DX bandscan for the night, 2215 9/11 to 0107 9/12 (most from DC, MD, VA):

WJLA-7, WGAL-8, WDMV-9, WBAL-11, WJZ-13, WLYH-15, WHRO-15, WBOC-16, WDCA-20, (local-like; at one point, Steve kicked me off the TV to watch "The Producers") WHP-21, WAPB-22, WETA-26, WYAH-27, WERE-28, WHMM-32, WTVZ-33, WRLH-35, WLVT-39, WAAT-40, WBFJ-45, WMDT-47, WCQR-50 "Super TV" (STV), WNVF-53, WNUV-54 "Super TV" (STV), WDPB-64, WTKK-66, WFMZ-69.

Being that high up, there was much fluctuation on some signals minute to minute, but most of the DC's were perfectly steady and local like. In contrast, there was absolutely no trace of any of the stations listed, from my first floor dorm room. Hopefully, conditions will improve so I can take advantage of Steve's QTH. 73's.

Thomas J. Yingling, Jr.; 221 Pinewood Rd., Baltimore, MD 21222 EDT

September 1982	September 1982	September 1982
6 Tr 0030 WWHT-68 NJ	6 Tr 0245 WIVE-4 NY	13 Tr 0100 WGBB-40 MA
to WVIR-29 VA	Buffalo	Springfield
0405 WDAU-22 PA	WKBW-7 NY	to WLFL-22 NC
WHP-21 PA	7 Tr 1830 WCNY-24 NY	WRLH-35 VA
WTVS-56 MI	1835 W62AN NY	0230 WLVI-56 MA
WEYI-25 MI	Nedrow	WEDH-24 CT
WMGC-34 NY	1840 W33AB NY	WLVT-39 PA
0245 WCLQ-61 OH	Utica	WVIR-29 VA
WXTV-33 OH	10 Tr 0015 WRLH-35 VA	WNYC-31 NY
W60AL VA	0030 WOLO-25 SC	WSBK-38 MA
(xltng WJZ-13)	Columbia	WEDW-49 CT
WENY-36 NY	WPTF-28 NC	WGEY-57 MA
WCAU-10 PA	WVIR-29 VA	KA2XEH-56 DC (rare)
WAVY-10 VA	WTVK-26 TN	WVHT-68 NJ
WFMJ-21 OH	Knoxville	WFMZ-69 PA
WKBN-27 OH	WLTN-19 SC	WNJU-47 NJ
WJET-24 PA	Columbia	0530 WNET-13 NY
	WLFL-22 NC	WWBT-12 VA
		0600 WWLP-22 MA

Hi there: Here's another report of my dx'ing luck. Receiver is a Sony Trinitron color set with 12" screen. Antennas are a Finco 5' dish with CMA-Ub preamp for UHF, and for VHF a Channel Master Quantum 1114.

Does any member use the preamps by Q-bit, model QB-0542? It has 30 db gain & how about the Simple Simon kits All-1 or All-2. They have 12 db & 35 db gain. The preamps model name is Zyzzx, All-1 & Zyzzx, All-2. I can't find my logs yet for August, but did find the rest.

I changed my cable for the dish on 9-5, just in time for some good tropo. I now use Belden #8228 RG-6 Duofoil cable. I may use old cable for a Simple Simon yagi antenna & preamp as in Popular Electronics ads for second TV set.

73's for now, and good DXing.

Gerald Barkow; 29 Sedgefield Dr., Morris Plains, NJ 07950 EDT

May 1982	June 1982	July 1982
15 Es 1500 WEAR-3 FL	7 Es 1900 WOWT-6 NE	9 Es 2020 Cuba-3
1830 WPBT-2 FL	12 Es 1200 WPBT-2 FL	2100 WEDU-3 FL
1900 WESH-2 FL	13 Es 1310 Cuba-3	11 Es 2100 KBJR-6 MN
1915 Cuba-3	15 Es 1930 WRBL-3 GA	18 Es 2100 WPBT-2 FL
31 Es 1600 WEDU-3 FL	23 Es 2000 KTVI-2 MO	20 Es 1805 CJON-6 NF
	25 Es 1500 WPBT-2 FL	1820 CICI-3 ON
	26 Es 1100 WEDU-3 FL	24 Es 1329 WEAR-3 FL
	1230 KEMV-6 AR	1350 Cuba-3
June 1982		
1 Es 1035 WEDU-3 FL		
7 Es 1630 KEMV-6 AR		
1648 KTVO-3 MO		
1700 KMOS-6 MO		
1800 KAAL-6 MN		
	July 1982	August 1982
	7 Es 2000 Cuba-3	15 Es 2301 Unided-2
	9 Es 1300 WPBT-2 FL	16 Es 2013 WLBT-3 MS

Eastern TV-DX Barkow; continued--- November 1982  
 This past Es season was definitely better than last year, especially during the month of June when activity was almost daily. June 7th was a super opening with very intense activity all the way up to channel 6 for at least 3 plus hours. This opening developed around 1500 and by 1530 the locals, 2, 4 & 5 were being severely clobbered by cci. From 1600 to 1700 at least 4 and possibly 5 Es signals were being received on channel 6, with KMOS, KEMV & KTVO clearly I.D.'ed. (George, KTVO is on ch.3. Maybe you saw KTVC instead, I don't know. In your report I changed the KTVO from ch.6 to ch.3. I didn't know what you saw.-wd). By 1800 the Es moved northward, as evidenced by a clear ID slide from KAAL-6. Then, from 1910-1930 W0WT-6 was in with an almost perfect visual signal with "Action News 6". July 20th produced an excellent opening to Canada reaching all the way to 6 and ranging in direction from the NE to NW. There was no cci detected all day until 1650 when an unid PBS was weakly viewed on 3 which I thought was WEDU. But, from 1710-1745 an unid French programming was heard alternating with the PBS station. A switch to ch. 6 at 1750 caught a strong signal from C5ON with "The Price is Right". A switch back to 3 at 1810 produced an excellent visual & audio signal from one of CICI's relays (probably Timmins, ON). They were programming the "Evening News" with several spots for record albums. Their signal remained almost like a local until 1930, at which time they I.D.ed as "This is CICI, TV-5 cable 4."

Steve West; 432 Kenmore Rd., Havertown, PA 19083 EDT  
July 1982 July 1982 August 1982  
 5 Tr 2200 WITN-7 NC 22 Tr 1030 W36AB MD 175 probably Cherry Hill, NJ.  
 2300 WUNK-25 NC 325 Oakland(WWPB) Tr 2300 WUNK-25 NC  
 Unid-39, 3kw WVVU-24 WV 260  
 FM Jacksonville, NC Morgantown  
 6 Tr 0100 WRAL-5 NC WXVE-25 MA 5 Tr 2200 Boston U's; weak  
 WCTI-12 NC Es 2300 CJCB-4 NS 6 Tr " " "  
 0715 WPIR-15 SC 470(V5) 25 Tr 2000 WLYJ-46 WV 11 Tr 1030 WLFL-22 NC  
 WKFT-40 NC 400 Unid-32; "Nowa" WPTF-28 NC; in  
 WPMC-23 SC 470 CCI on 22,38,44&26 snow free.  
 WFTW-13 SC " Tr 2145 Unid-5; tent. Ohio Tr 2245 WITN-7, WUNK-  
 0800 WMSY-52 VA 400 26 Tr 0125 WME-46 IN 575 25 plus cci on 39 & 40  
 Marion South Bend 12 Tr 0000 WLFL-22 NC; 0100  
 W42AC VA(WVPT-51) Es 1800 Color Vision-2 DR 1450(V3) WPTF-28 NC(V4)  
 0830 Boston U's 260 27 Es 1700 " " " "  
 2300 " " 28 Tr 0100 WITN-7 NC 13 Tr 1000 Boston U's; 2200  
 7 Tr 0200 WLNE-6 MA(RI) WUNK-25 NC + Boston U's  
 9 Tr 0300 WLFL-22 NC August 1982 14 Tr 0030 Boston U's(V5);  
 11 Es 2000 CBWT-2-4 MB 1250 6 Tr 1200 WAKR-23 OH(V2) 2000 " "  
 13 Tr 0230 WPTF-28 NC 350 WJET-24 PA 17 Tr 1000 WTVK-26 TN(V3),  
 15 Tr 0130 Boston U's WPGH-53 PA W36AB, WVPT-51 VA  
 20 Es 1830 CJCB-4 NS 24 GW 1530 Unid-28; Tr 1940 CKGN-22 Cottam, ON  
 (in for 2 min. only)(I thought that one was off  
 -wd)

Here is a detailed description of loggings and conditions. The tropo on the morning of July 6th was the strongest South Carolina ever received here. 24 Tr 2300 Boston V's(V2). July 26th reception of Color Vision was Mundo Vision news, then Color Vision 2 & 9 I.D. The rest of the programs were spanish soap operas and commercials for more spanish soap operas. The night of August 24th Jim Alexander called, he was vacationing in the Outer Banks of North Carolina. He was getting strong signals from Philly and ducting to Jacksonville and Orlando, FL. Jim was using an 8 bay and amp on the second floor of a congested motel area. I had borrowed the same antenna while living in Gainesville and didn't see any DX in August. Gainesville seems similar to Parsippany, NJ for having 90' pine trees that soak up DX signals, unless you have an antenna on top of the trees.

On September 5th nothing much was noted. Jim Alexander said Bill Thompson was getting Scranton, Vermont, and Missouri, while here Scranton was weaker than usual GW level. The weather front had curved the next day when it arrived here. September 9th was suppose to have been a good morning in the Great Lakes area but nothing was noted at 10 a.m. when I awoke. September 11th tropo was very intense to Raleigh at 10:30 a.m. I wonder what was in earlier. I checked most mornings but found no unusual DX conditions. Some days it does pay to get out of bed early. nil

On September 17th I woke at 8:30 a.m., no DX, then at 10:00 a.m. Knoxville overrides WETA-26. Very unusual ducts this year. WTVK-26 had a program at 11 a.m. live from the Worlds Fair.

Eastern TV-DX West; continued--- November 1982  
 Generally, the season has been good for skip and ducts but signals up to 250 miles have been less intense than in other years. This is probably due to less humidity and more cool fronts this summer. Although the humidity didn't help reception in Florida the summer I lived there. Only the noteworthy skip was reported this month. I included V video signals, V5 being snowfree. This gives new meaning to "Wow, I could have had a V8" Hill

To clear up the confusion of CBWT-2, they were received here on 6-8 and 7-11 on channel 4. They originate from channel 6 in Winnipeg, MB. They identify on the air as "CBC Manitoba channel 6, cable channel 2." The new WTFDA TV station guide lists them as .0084 kw or 8.4 watts. The station reports channel 4's power at 9.7 kw at 486 feet which makes the older edition of the station guide more accurate. The address is: CBC, Lindi Hagberg, Public Relations, P.O. Box 160, Winnipeg, MB R3C 2H1.

The old station guide omits Color Vision on the channel 2 listings but has Cuba and Puerto Rico. The new WTFDA station guide doesn't seem to list the power of Color Vision but the old guide lists 5 kw visual which is probably right.

In June I replaced the Radio Shack RG-59 coax (50 ft.) from the UHF amp with new Jerrold CAC-11. The CAC-11 is like RG-11 with the thickness of RG-8 coax. There was about a db improvement, a small but noticeable improvement on most channels. Some of the lower UHF channels improved 3db or more, probably due to a better SWR. In July I tried different lengths of twin lead from the dish feed to the amp. Using between 2 and 4 feet of lead makes a big varying difference at different UHF channels. These improvements in the system seem to help Raleigh and Boston scatter, never seen as regularly as this summer.

Some local TV news: WTVE-51 Reading, PA signs off at 8 p.m. every night. They may become SelectTV. Channel 61 in Newark, DE went off the air in late August; they haven't been on since. WHAG-25 Hagerstown, MD calls themselves "25 Alive". WQCR-50 in D.C. will start some programming during the day around Nov. 1. WAAT-40 Wildwood, NJ ran a Laurel & Hardy movie with WNER 100.7 music over top. I called them and they wouldn't admit they were on the air. The guy said, "WOND, WMID Pleasantville". Information said I had the right number.

One unusual thing about the skip this year, the three best loggings, CJCB-4, CBWT-2-4, and Color Vision-2 were all seen twice, two of them were seen 24 hours later.

Another unusual thing, WNEW-5 New York is always stronger on GW in the winter. Canadian high pressure improves their signal, but their signal isn't effected by leaves falling.

P.S.-Bill, a post office official thought WI was the West Indies. Hal (It doesn't surprise me.-wd) I was trying to locate a money order. Do you know why WTBS-17 Atlanta starts programs 5 minutes late? (You got me but why don't you write Uncle Ted and find out.-wd)

Robert S. Ross; VE3JFC, Box 4373 Stn. C, London, ON N5W 5J2 EDT  
August 1982 August 1982 September 1982  
 6 Tr 0549 WENS-10 OH 225 8 Tr 0312 WPXI-11 PA 180 9 Tr 0235 WPTT-22 PA 180  
 Columbus 0319 CKVR-3 ON 125 0313 WJAC-6 PA 225  
 8 Tr 0129 WPGH-53 PA 180 Barrie Johnstown  
 0136 WYTV-33 OH 150 9 Tr 0555 CFTO-9 ON 120 0430 WPCB-40 PA 180  
 0138 WKBN-27 OH " 16 Tr 2255 WEA0-49 OH 125 Greensburg  
 0150 WTOV-9 OH 180 September 1982 10 Tr 0312 WHEC-10 NY 185  
 Steubenville 9 Tr 0224 WTAJ-10 PA 230 Rochester  
 Altoona

Equipment: Toshiba 12" b&w TV with rabbit ears for VHF. UHF Flying Arrow ant.

William J. Draeb; Ellis St. R.R.#2, Kewaunee, WI 54216 CDT  
September 1982 September 1982 September 1982  
 5 Es 2025 chs. 2-4; NE 6 Tr 2135 WUTV-29 NY 445 7 Tr 1914 WYTV-33 OH 420  
 2215 CKSA-2 AT t WFMJ-21 OH 420 WFMJ-21 OH "  
 CITL-4 AT t 2140 WTVQ-36 KY 473 1916 WNE0-45 OH 406  
 CFRN-3 AT t WKLE-46 KY " 1956 WYTV-29 NY 445  
 2259 KRTV-3 MT 1159 7 Tr 1914 WEA0-49 OH 380 WPTT-22 PA 480  
 2341 KTVX-4 UT t (with improved 2011 WKBN-27 OH 420  
 KUTV-27 OH t signal strength) WKPC-15 KY 43717



September 1982		September 1982	
7 Tr 2011	WDRB-41 KY 437	9 Tr 0800	WMGC-34 NY 600
	WLKY-32 KY "		WSKG-46 NY "
2015	WTVQ-36 KY 473	0805	WLVI-56 MA t
	WKON-52 KY 437		WNPE-16 NY 600
	WCET-48 OH 400		WCFE-57 NY t
2020	WJET-24 PA 405	11 Tr 0704	KHIN-36 IA t
	WJLN-54 PA "	13 Tr 2155	WUTV-29 NY 445
2023	WPGH-53 PA 480		WTVQ-36 KY 473
	WQEX-16 PA "		WCET-48 OH 400
	WUSI-16 IL 402		WLKY-32 KY 437
	CELFT-16 ON 272		WDRB-41 KY "
	WSEE-35 PA 405		WKLE-46 KY 473
2051	WOAC-67 OH 395	16 Tr 0730	WQEX-16 PA 480
2220	WPCB-40 PA 480	1843	WPTT-22 PA "
8 Tr 0625	WKBN-27 OH 420		WPGH-53 PA "
	WFMJ-21 OH "		WEAO-49 OH 380
	WYTV-33 OH "		Erie U's 405
	WJET-24 PA 405	2000	WPCB-40 PA 480
	WUTV-29 NY 445		WFMJ-21 OH 420
	WPTT-22 PA 480	2129	WUTV-29 NY 445
	WPGH-53 PA "	2151	WMSY-52 VA 617
	WOAC-67 OH 395	2153	WSVN-47 VA 587
	WSFJ-51 OH "	2155	WPBY-33 WV 498
	WTVQ-36 KY 473	2224	WKPT-19 TN 612
	WXIX-19 KY 400	2208	WXIX-19 OH 400
0652	WKYT-27 KY 473		WCET-48 OH "
	WLKY-32 KY 437	2217	WTVQ-36 KY 473
	WDRB-41 KY "	17 Tr 2004	" " " "
0700	WKMR-38 KY 487		WKLE-46 KY "
	WKLE-46 KY 473		WKSO-29 KY 538
	WKON-52 KY 437		WUTV-29 NY 445
	WCVN-54 KY 407		WCET-48 OH 400
	WBETI-64 OH 400	2008	WSVN-47 VA 587
	WPHO-42 OH 461		WXIX-19 OH 400
0713	WSVN-47 VA 587	2026	WPTT-22 PA 480
	WKMJ-68 KY 437	18 Tr 1915	WEAO-49 OH t
0720	W47AB OH 358		WOAC-67 OH 395
2250	CFMT-47 ON 410	1917	WUTV-29 NY 445
	CELFT-25 ON "	22 Tr 2006	KOZK-21 MO t
	" -34 ON t	24 Es 2005	Unided-3 to S.
	KDNL-30 MO 432	27 Tr 2214	KDNL-30 MO 432
2300	CITY-79 ON 410		KOZK-21 MO 589
2305	WUHF-31 NY 500		KMTC-27 MO "
2309	CICO-19 ON 350	2222	KCBJ-17 MO t
	WNED-17 NY 445		KSPR-33 MO t
	WEAO-49 OH 380	28 Tr 0715	KDNL-30 MO 432
	WUTV-29 NY 445	2045	WCTE-22 TN 589
(Uxbridge)	CKGN-22 ON 413	2048	WAAY-31 AL 685
9 Tr 0230	WVWU-24 WV 513		WAFF-48 AL "
	WTOF-17 OH 395		(election returns)
0240	WSEE-35 PA 405		WCET-48 OH 400
0709	WYTV-33 OH 420	2056	WKGB-53 KY 530
	WFMJ-21 OH "	2122	WHMA-40 AL t
	WKBN-27 OH "	2133	WKSO-29 KY 538
	WPGH-53 PA 480	2133	WKYT-27 KY 473
(last 4 snow free)	WPTT-22 PA "		WDRB-41 KY 437
	WUTV-29 NY 445		WLKY-32 KY "
	WUHF-31 NY 500		WKPC-15 KY "
0716	WOAC-67 OH 395		WHNT-19 AL 685
	WOUC-44 OH 427	2138	WFIE-14 IN 420
	WKMR-38 KY 587		WBHT-25 IN "
	WKLE-46 KY 473	2135	WEAO-49 OH 380
	WTVQ-36 KY "	2140	WDDD-27 IL 476
	WKHA-35 KY 551		Marion
0729	WSVN-47 VA 587		(local program pro-
	WKON-52 KY 437		mo's and ad's seen)
0739	WNED-17 NY 445	2157	WTVQ-36 KY 473
	WLKY-32 KY 437	2206	WKPD-29 KY 522
0746	WPTT-22 PA 480		WKLE-46 KY 473
0800	WENY-36 NY 575		WKMU-21 KY t

September 1982		September 1982													
28 Tr 2206	WKMU-21 KY 553	29 Tr 0615	WTVQ-36 KY 473												
	WUSI-16 IL 402		WCET-48 OH 400												
	2236	WVUT-22 IN 405	KMTC-27 MO 589												
	2240	WHMA-40 AL t	WFIE-14 IN 420												
	2308	WHIQ-25 AL t	WEHT-25 IN "												
	2314	KOZK-21 MO 589	0633	WEAO-49 OH 380											
	2319	KTVJ-16 MO t	0701	WNBO-45 OH 406											
		KSHB-41 MO t		CELFT-54 ON 270											
		KYFC-50 MO t		Windsor(ex-ch.78)											
		CELFT-16 ON 272		WTVT-33 OH 420											
		2339	KTFP-29 AR 683	0714	WCVN-54 KY 407										
		2359	KNLC-24 MO 432		WKON-52 KY 437										
			St. Louis		WKSO-29 KY 538										
			(new religious stn.;	1231	WKLE-46 KY 473										
			booming in over WCGV)		KDNL-30 MO 432										
			(sign off at 0002)		WKSO-29 KY 538										
					WCET-48 OH 400										
					0701	WNBO-45 OH 406									
						CELFT-54 ON 270									
						Windsor(ex-ch.78)									
						WTVT-33 OH 420									
						0714	WCVN-54 KY 407								
							WKON-52 KY 437								
							WKSO-29 KY 538								
							1231	WKLE-46 KY 473							
								KDNL-30 MO 432							
								WKSO-29 KY 538							
								WCET-48 OH 400							
								1830	CFMT-25 ON 410						
									CELFT-25 ON "						
									CICA-19 ON "						
									WUTV-29 NY 445						
									1951	CELFT-55 ON 388					
										(nearly snow free)					
										1958	CELFT-44 ON 458				
											CELFT-34 ON 374				
											WNPE-16 NY 600				
											2145	WXXI-21 NY 500			
												WUHF-31 NY "			
												WNED-17 NY 445			
												WJET-24 PA 405			
												WTJC-26 OH 368			
												(WLRE off)			
												CELFT-26 ON 210			
												also:			
												CELFT-26 ON t			
												(Nipigon, ON)			
												2304	KOZK-21 MO 589		
													KMTC-27 MO "		
													30 Tr 0815	CICO-24 ON t	
														2215	W59AV MI 96
															Leland (WCML-6)

October 1982	
1 Tr 2115	WFMJ-21 OH 420
	WKEN-27 OH "
	WYTV-33 OH "
2135	WEAO-49 OH 380
	WAKR-23 OH "
	Erie U's 405
2318	WPTT-22 PA 480
	WPCB-40 PA "
	WPGH-53 PA "
	WNBO-45 OH 406
	WPGH-53 PA 480
2 Tr 0700	WNBO-45 OH 406

# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74074  
DEADLINE: 5th

Glenn Hauser, Box 6287, Knoxville, TN 37914

This report mostly concerns my observations during a summer vacation trip early in August. Jonesboro AR on 101.9 is now "J-102, KJBR", ex-KBTM. I just got in range of KNGX, Claremore OK, on 91.3 in time to hear them sign off at 1800 CDT; free-form format, 212 watts; gave schedule as Mon-Fri 0800-1800; Saturday 1000-2400. Another FM station for Enid OK, KUAL 103.1 is active. KCMA-106.1 Cwasso OK has more ads now; since their xmt'r is up toward Nowata they have reception problems on south side of Tulsa and are considering putting a translator there. (KCMA comes in poorly in Stillwater, too, compared to the other Tulsa area FMs, DB.) They also are promoting would-be listeners taking in their FM tuners for alignment so that they are most sensitive at the top end of the band instead of the middle. Take that, KWGS! (KWGS is on low side of band, folks, DB.) Visited KENW-89.5 Portales NM; the FM is an afterthought to Channel 3 and very much in its shadow. Altho they have some classical music in the evening, I was told, as well as Sundays, and Spanish on Saturday mornings, the rest of the time it's "beautiful music" via satellite through a WGN-TV subcarrier--remarkable format for a 'public' radio station and possibly unique. They justify it on grounds that there is no B. M. station in the area and that's what the people want. Would be // some station in Amarillo, however. Despite FM Atlas info, there was no FM station in Ruidoso NM, nor any listed in the phone book. At El Paso I visited KTEP-88.5, which has a new manager who plans to whip it into shape; despite all the Latin radio on both sides of the border, KTEP is apparently the only station in the market daring to play a few hours of such a non-Mexican style as Salsa each week. Otherwise, I concentrated on monitoring from El Paso the FMs in Ciudad Juarez. Contrary to Atlas, nothing is on 107.5, but there is an unlisted station on 100.7 (seems I recall this is an old controversy), "Mariachi-Estereo" from the Nucleo Radio Centro de Juarez; had a local PSA for cleaning up the basura; no legal (if that means anything) ID on the hour at 2202, and signal was weaker than the others; at 2301 did ID also as XHH-FM after Serenata Mexicana program. 98.3 had ads at every break but no IDs for a long while; just "musica, canciones para Vd.", a MGR program title effective Mon-Sat 10-11 pm, and Sundays until 10. At 2259 had a timecheck and "Stereo" ID w/CE3K jingle; never any call letters. 103.5 is "Radiorama-Canal Tropical", XHEM-FM; gives phone numbers at 2159 of 6-20-50 and 6-11-90 in hopes of getting more sponsors. 104.3 is "Estereoritm, XHTO", at 2135 s/stay-home PSA, i. e., don't move to Mexico City or the US... (no doubt produced in Mexico City). 105.1 is "Estereo Mexicana, XHIM-FM" of the Organizacion Radiorama. Finally, 105.9 was the only one with a live DJ, a YL noted at 2100 w/"FM-106" ID, later at 2155 same in jingle form and claiming to be "la mas poderosa en frecuencia modulada". None of them penetrated very far N. into New Mexico, however, like KTSM-99.9 does. (Times in this portion are local: MDT=CST).

Driving thru central New Mexico SE of Albuquerque, I was pleased that most of that city's stations including KHPM-96.3, where I worked years ago, are now audible thanks to transmitter sites on Sandia Crest. Even heard some of them in my former hometown of Santa Rosa. A new unlisted station is on the air from Elk City OK, KECCO-96.5; is stereo, has k in syndicated service, 24h, invites callers; ambiguous time checks. WKDF-103.3 Nashville TN ("KDF" per decal on zillions of cars) had bleedthru of audio from its AM WKDA during Paul Harvey, not immediately able to get rid of it, and apologized on the air afterwards. A bit of mild DX back in Knoxville on Sept. 5--WSEZ-93.1 Winston-Salem NC at 1450 EDT with Z-93 and High Point ads; WSGS-101.1 Hazard KY has the worst "heavy-breathing" gospel huckster I have ever heard, Sunday at 1500-1530. WUTC-88.1 Chattanooga, usually 100% simulcast of WUOT-91.9 Knoxville, has been splitting away from Prairie Home Companion half-way through it at 1900 Sats in order to carry UTC football--much to the displeasure of numerous listeners. But that's the time to DX if you'd like to hear some non-duplicated programming.

John Jefferson, 4016 Crest Ct., Pleasanton, CA 94566

Have a few new loggings here, plus a spring Los Angeles trip to report. The latter was omitted last time because the flood of E-skip already had the report out of control. The Geminiids were quite productive. Had the week off from work, so put in a bit more time with live monitoring than normally would be possible. However, may have missed the peak since the 13th-15th were my only chance to travel for a while. More on that below! All loggings here with Mac MR80 fed by Channelmaster s/probe-9 at 55', though Heathkit AJ15 now hooked up to the old Winegard CH-6065 at 15'. (New underlined; new to Pleasanton starred; new mode \_ \_.)

8/7 MS		8/9 MS	
0115 KTOY	91.7 WA Tacoma, calls, psa 675	0200 CKO4	96.1 BC Vancouver, psa, CKO 820
8/8 MS		0213 CKO4	96.1 BC "on FM 96 in Vancouver"
0738 KUWR	91.9 WY Laramie, wx 900	0214 KKPL	96.1 WA Spokane, wx, new cl 750

8/9 Es  
 2000 KANW 89.1 NM Albuquerque, ID 860  
 2005 KCRQ?100.7 TX Abilene, Q-100  
 2036 KLYT 88.3 NM Albuquerque, K-light  
 KTDB? 89.7 NM Ramah, blank carrier  
 2041 XHH? 100.7 CH Cd. Juarez, Spanish  
 2050 KQIP? 96.9 TX Odessa  
 2054 KKKK 9.1 TX Odessa, quad-k 1275  
 2100 KRIZ 97.1 NM Roswell, ID, g 1040  
 KFMX 94.5 TX Lubbock, local ad 1150  
 2105 KIXY 94.7 TX San Angelo, Kixy 1285  
 2108 KBIL 92.9 TX San Angelo, calls  
 KNFM 92.3 TX San Angelo, k

8/11 MS  
 0215 KPG 102.1 WA Wenatchee, calls 700  
 (End of 5 year hunt!)

Prior to 9/4 my most distant tropes logging was from Los Angeles (325 miles from 1957-67 home in Cakland). KZEL was in almost continuous from about 0145 to 0240, usually too weak to be readable. At 0147 they were quite readable, but were running a canned program, Rolling Stones Mag's "Continuous History of R&R." The ad at 0155 came through well enough so I could make out a store name, but thought sure I'd missed an ID. Just ahead of it was the wx with a mumbler. All I could make out was that it was 63 degrees. Then a fast announcement after the ad, and back into the Continuous History. Blessings on tape monitors, though; that fast ann. just turned out on replay to be a legal ID! Faint, but it's all there.

From 8/13 through 8/15 was off to visit my cousin in Mendocino, an art colony on the coast some 150 miles north of here. Oh, to have a good antenna there, as there are just 2 locals and 6 easily-received stations in all (7 if you count ch. 6 audio) counting the Eureka stations which are 100 miles away! With Sony ICF-2001 portable and whip antenna I noted the following new entries:

8/13 GW  
 1600 KERK 100.1 CA Garberville, ID 54  
 new station  
 tr  
 2119 KCRB 94.3 CA Crescent City, ID 160  
 (heard over 36 hrs--just barely there)

Almost missed K296BT. Noted it on my cousin's stereo (brand X with dipole), but assumed it was KEAR itself. Only later noted it on the Sony, which is digital. Could hear it for miles on St. Hwy 20 during return, which is why I assume it's somewhere in the mountains Hwy 20 traverses. Also noted KXGC 93.5 Arcata on HWY. 28, at 100 miles nice and clear (was on a hilltop at the time). Also noted KEAR's K288BJ in Willits, with xmtr obviously several miles south of town.

Finally, that LA trip. On the way down on 4/4, noted KEAR's K240AL Lompoc was on, but K232AJ Santa Maria was still off. Likely never will come on, as K232AH San Luis Obispo covers Santa Maria well enough that they're afraid of severe multipath problems. KCPB 91.1 Thousand Oaks noted simulcasting with KUSC 91.5 Los Angeles, so if anyone out there heard KUSC on 91.1 or KCPB on 91.5 during the skip season it wasn't that the station was off frequency! KMGQ 106.3 Goleta and KGFT 101.7 Carpinteria both new to the air since 1981 trip. In Pasadena, where I maintain a log from my college days, the following were noted: (MR80 used with rabbit ears)

4/5 tr  
 1610 KSIQ 96.1 CA Brawley, ID, in \$ 165  
 the next 24 hrs., though areas between in poorly!

And on to San Clemente. On San Clemente log, have decided to include stations heard in 1981 and this year near Elsinore, which is a 25 mile drive from SC. The location is appealing for its height allows stations from inland which are totally blocked down at sea level. Alas, the Sony portable overloaded badly with the Riverside/San Bernardino stations now line-of-sight and most of LA booming in. Need 110v. AC and MR80 to properly exploit the site. Anyway, \* denotes loggings near Elsinore with ICF-2001; others are with MR80 in San Clemente proper:

4/7 tr  
 1930 KGFT 101.7 CA Carpinteria, 125  
 Gift of FM 102  
 4/8 tr  
 1537 KCAL 96.7 CA Redlands, ID 54  
 1655 KVVQ\*103.1 CA Victorville, ID 60

8/11 MS  
 0500 KAAK 98.9 MT Great Falls, ID, nx 875  
 0925 KFAE 89.1 WA Richland, loc. psa 605  
 0950 KFAE " " " , c. (veried)  
 0955 KFAE " " " , (same sel)  
 1404 CBTA 106.7 BC Trail, nx, CBC Radio 830

8/12 MS  
 0058 KABE 107.5 UT Crem, ID 560  
 0600 KUAT 90.5 AZ Tucson, s/on 735

8/26 tr  
 2200 KPDJ 92.3 CA Eureka, ID 240

MS  
 0604 KSGJ 93.9 AZ Flagstaff, local ref. 605

9/4 tr  
 0155 KZEL 96.1 OR Eugene, ad, ID 445

8/13 MS  
 2252 KQFM 100.3 OR Portland, calls 450  
 8/15 tr  
 1100 K296BT 107.1 CA Laytonville, KEAR ID, 25  
 probably 1 watt, high on mtns between Mendo  
 & Laytonville.

4/5 tr  
 1958 KUCI 88.9 CA Irvine, psa, under 38  
 KXLU; 10 watter.

4/8 GW  
 1711 KWXY\* 98.5 CA Cathedral, calls, plus 54  
 6 other new from area via gw, \*.

4/9 tr  
 0715 KMGQ 106.3 CA Goleta, local ad, o/KYMS140  
 0744 KDOL 97.7 CA Mojave, local ad 117

The KMGQ logging was rather a challenge with rabbit ears; KDCL a total surprise as they're the far side of some mile-high mountains. Otherwise, not very exciting, but a nice illustration of the potential of a little drive out of town!

On the return trip, swung through Anza-Borrego Desert and noted XHVG 103.3, XHBA 104.1, XHJC 91.5, XHMP 92.3, and XHPF 101.9, all Mexicali there. Also new KOZN Imperial on 99.3. In the Imperial Valley, noted KJMB 100.3 Blythe and KTTI 95.1 Yuma (Kitty Country) at 80 miles, and KQYN 95.7 29 Palms at 60. KCMS Indio on 103.1, though logged in '81 near Elsinore so not new, provided listening pleasure with classical music. Were in continuously over about a 50 mile stretch, only to fade out near Palm Springs, the major city in the area. But their programming heard there on K249AU. (XHBA also classical, by the way, so should make an interesting DX target for people with 104.1 open--that leaves me out!) Later, near Victorville, KQLH's K228AJ heard for first time; and that night in Mojave motel heard KTPI Tehachapi, newly on the air. Also noted K221AS China Lake at 50 miles and K265AQ Inyokern at 45, though the two Ridgecrest stations could not be found! Those xlaters can get out!

Bill Townshend, 4500 Connecticut Ave. NW #901, Washington, DC 20008

Equip: Sony ICF-S5W

5/27 tr

0910 WFLN 95.7 PA Philadelphia, c 130  
 0920 WIOQ 102.1 PA Philadelphia 130  
 1010 WRFY 102.5 PA Reading, r 125  
 0005 WQHQ 104.7 MD Ocean City, T40 105  
 1040 WSNJ 107.7 NJ Bridgeton, k 105

7/8 tr

0937 WCEI 96.7 MD Easton  
 0927 WDM 97.7 MD Lexington Park

7/9 tr

0931 WOLC 102.5 MD Princess Anne, g 100  
 0945 WBSA 103.3 PA York 90  
 0958 WEZS 103.7 VA Richmond, m 100  
 1011 WSN1 104.5 PA Philadelphia 130

7/12 tr

0030 WMD 104.7 MD Hagerstown, m

8/23 tr

2257 WESP 106.3 MD Cambridge

Daytime DXing done during coffee break at work in Marlow Heights, MD, 7 mi. SE of U. S. capitol. Nighttime DXing done at home in Chevy Chase section of DC, 6 mi. NW of U. S. capitol. Close proximity to tower farm results in image jungle.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074

Equip: Pioneer TX-9100, Antennacraft 10 el. at 30 ft., w/rotor

9/8 ext. GW

1500 KEZA 107.9 AR Fayetteville, m, \$, ID, 160  
 wx, testing, new to air

10/7 tr

1016 KDKD 95.3 MO Clinton, ID 240  
 Kansas City and area B/C stations in well

The signing on of new KEZA was very unwelcomed because it means I no longer get to monitor my farthest regular KFIN 107.9 of Jonesboro, AR from 360 miles away. KFIN had an interesting tendency to come in most anytime (in traces, of course) and performed well as an indicator station, signaling that a good trop outbreak toward the east was underway when its signal level dramatically rose.

The DX business has been slow here, if I haven't missed anything, lately; hope things pick up before too long. In my Sept. report the month for last two dates should have read 8, not 7. Until next month, 73.

Report your FM DX to this column if you're from: AL AR AZ CA CO DE FL GA KS KY LA MD MS NC NM NV OK SC TN TX UT VA & WV. Happy DXing!



209 E. 2nd St. Eldon, Mo. 65026



STRIKING WITH TULSA'S HIT MUSIC



--Logos from Danny Buntin and Rich Fiddle

# NORTHERN FM-DX

Ralph Strobel, editor  
2300 E. McGalliard Rd.  
Muncie, Indiana 47303  
Deadline: the 5th

NORTHERN FM DX

NOVEMBER 1982

Jim Albrecht - 3313 N. Weil St. - Milwaukee, WI 53212  
Equipment: Panasonic RF-2200 (lakefront); Sony ICF 5900W (home)

November 1982

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

MORE SUMMER Es REPORTED, BUT SEPTEMBER NOT TOO GOOD

Fred Nordquist - 7945 Boxford Road - Clay, NY 13041  
Equipment: Heathkit AJ-15; Channel Master Stereo Probe 9, CDR rotor, twinlead, Ant. at 35 ft. AGL. Report covers Aug. 81-Aug. 82. New underlined; New prop. mode dash

8/25 tr (1981)  
2210 WVPS 107.9 VT Burlington, 175  
NPR, //WVRR ID

9/8 tr  
2159 WPAC 92.7 NY Ogdensburg, r# 105  
10/14 Au

0110 WKSU 89.7 OH Kent, ID/TC, prev. tr  
4/10 Au (1982)

1710 CJBX 92.7 ON London, sports, prev. tr

5/8 GW  
1118 WYLF 95.1 NY Bristol, ex-WMIV, MYL  
2048 WUWU 107.7 NY Wethersfield, r, ex-WBIV

5/13 GW  
2302 WETV 90.9 NY Alfred, r, ID  
6/7 Es to AR TX MS LA OK  
MUF to 107 MHz (1855-2100)

1855 KIOC 106.1 TX Orange, 1315  
r, "K-106"

1900 KHOO 99.9 TX Waco, k, "K-Who" 1390  
1937 KYKC 96.1 LA Lake Charles, 1290  
k, ads

1958 KSAU 90.1 TX Nacogdoches, 1285  
SID, nx

14 new loggings so far in 1982 = lowest rate in 14 years of Syracuse area DXing. The AJ-15 is losing its selectivity and is becoming more susceptible to cross modulation. Any mod ideas, Andy Bolin, et al? 73 - Fred

\*\*\*\*\*

Eric Fader - 23-35 Bell Blvd. - Bayside, NY 11360  
DX from West Philadelphia, PA with GE Superadio

9/11 tr  
2145 WHDG 103.7 MD Havre de Grace, 9/12 tr  
"Total Country, FM-103" 0050 Balt's 91.5 92.3 93.1 102.7 104.3 loud

2150 WRBS 95.1 MD Baltimore, o/mess 9/13 tr  
2155 Most Washington, DC's loud, esp. 2136 WALK 97.5 NY Patchogue, o/local  
95.5 97.1 103.5 and 107.3 WPST! Full quieting w/Long Island mentions and IDs.

9/12 tr  
0036 WLIF 101.9 MD Baltimore, 2225 WHDG 103.7 MD Havre de Grace, "Total Sports Coverage-103," (How many slogans do these guys have, anyway?)  
"Place to Relax" 2305 New York City area tr.

0045 WIYY 97.9 MD Baltimore, "98-Rock"  
Some of the above DX heard from my friend Steve Firkser's 16th floor apartment, one block from my primary Philadelphia QTH. 73 - Eric

\*\*\*\*\*

Dr. Bruce Elving - 4515 Avenue "E" - Kearney, NE 68847

My latest Kearney DX: 9/1 tr 10-watt KRNU \*90.3 Lincoln NE at about 120 miles, over usually dominant KWIT \*90.3 Sioux City IA, in morning. That evening: 200-watt KICB \*88.1 Fort Dodge IA with stereo, rock; WZZC 101.3 East Moline IL after RKO news, and KBOE-FM 104.9 Oskaloosa IA mono ball game with fraudulent \$ generator on. 73ily, Bruce

\*\*\*\*\*

Kind of an interesting but rather short DX season this year. One good Es opening noted on 7/11 (the usual one good one per year here!) and strong tr noted on 8/5-8/7 all to the east. The tr opening was the strongest since I began serious FM DX-ing in 1980 nearly 48 hours continuous. All other openings were rather short and to the usual IN and MI mostly in the early mornings with fadeouts after 1100. Except for the Es, all DX was done at the lakefront location because of the images and reflections produced by 2 local stations on towers less than one mile from here. This overloads the RF-2200 so badly, rendering it totally useless at home. But at the lakefront just two miles south, the RF-2200 is a superb performer. This has to be one of the finest portable radios for FM DXing (especially the selectivity), available today. Strangely enough, the Sony 5900W will work on my front porch in an imaginary DX window measuring 2' long x 1' high x 1/4' deep. The only place on the entire property where the image garbage can be nulled enough to pull in Es and strong tr. Now on to this seasons report.

7/5 tr  
1030 WSHW 99.7 IN Frankfort, "Shine-99"

7/9 tr  
0930 WEZV 101.7 IN Fort Wayne, "EZ-102"

1001 WCSY 98.3 MI South Haven, loc. spots, "Cozy-98," o/semi loc. WXJY!

1005 WIKB 99.3 MI Iron River, k, ID

7/11 Es  
2015 CKO-1106.9 ON Ottawa, ID, nx  
2055 WLKW 101.5 RI Providence, ez, ID

2111 WHEB 100.3 NH Portsmouth, r, ID

2115 WRCH 100.5 CT New Britain, "Rich"

2145 WQRC 99.9 MA Barnstable, ID, End of Boston Sym. Concert spot

7/20 Es  
1930 CBAP 88.5 NB Moncton, (CBAP-26), Radio Canada, FF, r, female DJ

7/24 tr  
1704 WCCN 107.5 WI Neilsville, k, ID, AP

1845 WGFA 94.1 IL Watseka, loc. wx

7/26 tr  
1300 WBLV 90.3 MI Twin Lake, c, s/off

8/5 tr  
0945 WQXK 105.1 OH Salem, k, ID

1010 CJFI 99.9 ON Sarnia, r, ID

1015 WQAL 104.1 OH Cleveland, ez, ID

1030 WFOF 98.1 OH Canton-Akron, g, ID

1033 WGLQ 97.1 MI Escanaba, r, SID

1137 WLLZ 98.7 MI Detroit, r, ID

1231 WVST 104.5 OH Wooster, ez, ID

1250 WKSX 99.5 OH Cleveland, k, spots, "KS-100 Country"

1309 WDMT 107.9 OH Cleveland, s, ID

1314 WVRN 106.9 OH Marion, k, loc. spot

1337 WCPZ 102.7 OH Sandusky, ID, "Rock-103"

1359 WZPR 100.3 PA Meadville, Ided as "Meadville Country-1"

1414 WJR 96.3 MI Detroit, ez, ID

1422 WBLK 93.7 NY DePew-Buffalo, s, ID

1430 WBUF 92.9 NY Buffalo, r, ID

1433 CJBX 92.7 ON London, k, ID, "93-X"

1450 WYRK 106.5 NY Buffalo, k, "FM-106"

1500 CBLL 100.5 ON London, c, "CBC-5," nx

1503 CJBC 99.3 ON London, (CJBC-4), FF nx in for about 7 secs.; band quite dead today. FM has been quiet since 8/7. The jetstream has shifted to a more NW direction bringing more cool dry weather. However, AM-DX has picked up where FM left off. 73, Jim



8/5 tr  
1505 WZIR 98.5 NY Niagara Falls, r, "Z-98"

1509 WNYS 104.1 NY Buffalo, ID, r, ex-WACJ

1513 CJQR 97.7 ON St. Catharines, "QR-FM"

1530 CHRE 105.7 ON St. Catharines, ez, ID

2200 WBEN 102.5 NY Buffalo, ID, "Rock-102"

8/6 tr  
0949 WCFW 105.5 WI Chippewa Falls, k, ID

1010 WLSR 104.9 OH Lima, ez, loc. spot

1100 WSBW 100.1 WI Sturgeon Bay, k, ID

1112 WLWV 99.9 PA Erie, ID, ez, "FM 5-99"

1132 WDBN 94.9 OH Medina, ID, ez, "The Quiet Place On Your Dial"

1145 WNBK 93.5 WI New London, k, ID

1152 WLYT 92.3 OH Cleveland Hts., r, ID

1207 WFYC 104.9 MI Alma, r, ID, female DJ

1220 WZZP 106.5 OH Cleveland, r, ID

1230 CJQM 104.3 ON Sault Ste. Marie, ez, ID

1300 WNGO 101.3 OH Ashland, k, ID, M nx

1333 WIMK 93.1 MI Iron Mountain, k

1347 WLEW 92.1 MI Bad Axe, ID, Comm. ads

1400 CJOM 88.7 ON Windsor, r, ID

1433 WDEY 103.1 MI Lapeer, r, ID

1450 WKLK 97.7 MI Kalkaska, loc. spots

1500 WCLV 95.5 OH Cleveland, c

1534 WZLE 104.9 OH Lorain, loc. spots, SID

1730 WAXX 104.5 WI Eau Claire, k, ID

2001 WIAL 94.1 WI Eau Claire, ez, ID

2145 WSPT 97.9 WI Stevens Point, r, ID

8/7 tr  
1000 CJMX 105.3 ON Sudbury, ez, ID

1030 WKQP 98.1 MI Saginaw, polkas, ID

1101 WOAP 103.9 MI Owosso, ID, into nx

8/27 ms or Es?  
1055 WEAZ 101.1 PA Philadelphia, loc. sports

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John A. Callarman - 1122 Maple St. - Mt. Vernon, IL 62864

It's been a season of peaks and pits for this DX'er this summer. On July 28, my rotor control was returned and I could move my antenna again. KKCA 97.7 Fulton MO at 2212 and W3BA 97.7 Pittsfield IL at 2230 were the first new ones added.

July 29 - Kansas City in with KBEQ 104.3 at 1900 new; WKOS 96.3 Murfreesboro-Nashville for full ID at 2300.

July 30 - Found WDAO 107.7 Dayton OH at 1451 with same kind of programming as dominant KMJM St. Louis, soul music and black DJ's. At 1900, I nulled WJBD 100.1 (20 miles away) first time and got WQXE Elizabethtown KY; WHBN 99.3 Harrodsburg KY new at 2000.

July 31 - WIMZ 103.5 Knoxville strong with rock 1904-2000; WLCK-FM 99.3 Scottsville KY in with country 2034-2100; Kansas City back and good tapes on KMBR 99.7; KYYS 102.1; & KBEQ 104.3 through the evening. Also KIEE 100.7 Harrisonville MO, "FM-101," ending Royal Baseball 2215; KQCR call heard on 102.9 at 2257, but not enough to count.

August 1 - Finally, E-Skip and I on the dial at the same time for any length of time. Between 1635 and 1805, Texas from Beaumont to the Valley and parts of Mexico were open. KRIX 99.5 Brownsville with rock; KIWW 96.1 Harlingen in Spanish; KVLV 107.9 Harlingen with beautiful music; KDUV 100.3 Brownsville ditto; KSEB 88.1 Humble with religion all strong. Missed taping a KBFM ID on 104.1 but got KRBE Houston on the channel at 1654. KVMV 96.9 McAllen in Spanish with Calendaria de Actividad at 1707; KWIC 107.7 Beaumont in 1715; "K-106" at 1704 beginning Gary Owen's Sound-track of the 60's may have been KIOG, not counted, of course. XHAAA 93.1 "Estereo Recuerdo" good with commercials; Spanish on 107.1 went unidentified 1736 and beyond; KHQI 102.1 taped ID 1742; Spanish 105.5 "FM Cien Cinco" but no geographical clues; XHPE 97.1 Torreon good with Mejoral commercial (I've been logging Mejoral commercials on medium wave and shortwave since 1950!) at 1802. 1900 discovered tropo from opposite direction with WPBF 105.9 Middletown OH, "Mellow-106" in; 106.1 WVNO Mansfield OH growing in strength, and missed taping ID of WJZZ 105.9 Detroit at 2012 with Sundown, your guide to Entertainment ... got the programming but not the call. WOMC 104.3 Detroit good with Detroit Today and AAA driving tips. "Super FM-106" in Spanish at 2018 on 106.3 detectable pointed NE but not SW. At 2100 break, while trying for good WVNO tape, got back of the beam ID from KIXX Denton-Dallas and switched back SW. Commercial content on 107.1 and 107.9 pointed to KTLR Terrell and KSCL Corsicana unmistakably, but not counted. Failed to tape KMGC 102.9 ID at 2130, so it's not in my log ... but this opening to No. Central Texas didn't last long. Back NE the beam went for WQAL Cleveland and WLBC-FM Muncie battling on 104.1; WVNO good tape on 106.1; and WDMT 107.9 Cleveland good to 2300 when I finally called it a day. A pretty good day.

August 2 - KBBG 88.1 not bad signal with "Stereo in Black" 2158 through 2300. KVCM 103.9 Montgomery City MO late with Cardinal baseball for first time.

August 3 - 88.3 yielded "X-88" with soul music, but would not stay up at legal ID time to give me WQOX Memphis. (No longer on 88.5?-RS) WFHC 91.5 Henderson TN strong and steady with rock 1901-1930; WCMT 101.7 Martin TN nice to give full ID for tape at 1948; WZLT 99.3 Lexington TN good with ID after AI news. North Alabama's Country Giant, WQSB 105.1 in and out 2030-2200; WPKY-FM 104.9 strained in for first time. It's one of five stations on this channel within 100 miles, but this is the only time I've ever heard it. WZYP 104.3 Athens AL heard 2158-2215.

August 4 - At last, taped full ID for WUSN Chicago on 99.5 at 1602.

August 8 - KWFC 97.3 Springfield MO in with gospel music 2038 ID; KCYN 103.9 Pocahtontas AR up for listening Post promo at 2143 but faded, no'er to return.

August 10 - KOEA 97.7 Doniphan MO in 2113-2257 weakly; usually get Sikeston when pointed south. 103.7 interesting with K-double I-I and KKYK Little Rock battling WAAW and WFIU. KKYK new 2305-0100. Station broadcasting kid baseball involving team called "Lebanon" had to be a needed Missouri station, but couldn't get it ID'd.

August 11 - KJBR Jonesboro's Best Radio new call for ex-KETM-FM on 101.9 good 2130-2151; WOOR 97.5 Oxford MS with female DJ with deep southern accent and country music growing in strength 2214-2300.

August 13 - strong signal on 92.3 from "FM-92" with beautiful music; turned out to be WDEF-FM Chattanooga; 88.1 was relaying Knoxville strong.

August 29 - (after vacation) Terre Haute on 107.5 Continuous Country now WZZQ. Time out for NRC convention in Louisville, where I learned that Saudi Arabia-bound Richard Wood was selling his Heathkit AJ-15. I purchased it, and moved it upstairs, but somehow the new setting boggled my rotor control and now I'm back to one direction again - WNW, directly at St. Louis.

September 12 - Very dismal night, yet a new station was added - KDMI 97.3 first Des Moines heard here, weak with gospel 2330-0000.

- Continued -

September 13 - 0039 sports ending on 101.7 distorted KBKB-FM Fort Madison, IA. September 15 - Good tropo opening heralded by rare signals through WILL 90.9 and WVJC 89.1 - KCMW Warrensburg MO and KCLC St. Charles MO respectively. Country on 104.3 steady 2020-2030 and on was KVGB-FM Great Bend KS; other central Kansas logged between then and 2300 were KLZR 105.9 "Rock-106," Lawrence; KHOK 100.7, "K-101," Hoisington, KWLS-FM 93.1 Pratt; KFDD 101.3 Wichita and finally KANU 91.5 Lawrence. Sneaking in also was KFMZ 98.3 Columbia MO rocking.

September 16 - Kansas City might again, and for first time, KXTR 96.5 heard with beautiful signal 1930-2000 (On the old Fisher, KADI 96.3 swamped it); Back of the beam WIMZ 103.5 noted at 2038 and I found WDYN 89.7 Chattanooga with news and Paul Harvey 2007 and WMBW 88.9 Chattanooga strong at 2230 despite beam direction. Also, KRXL 94.5 added finishing Royals baseball at 2224.

September 17 - decided to put up indoor dipole for different reception characteristic North/South and got WNDI 95.3 Sullivan IN 2130-2200 with WRXX off Sunday night.

Cool weather prompted hiatus until September 28 when WFYR 103.5 Chicago was strong on the indoor dipole, and WCCQ 98.3 Crest Hill IL heard at 2248 ("FM 98-point-3"), and WAJP 93.5 Joliet was noted at 2257 beginning sign off, both weak, but accepted, thank you, at 227 and 225 miles, on the indoor dipole.

Next spring, I'll get somebody to climb the tower and replace the rotor (I'm acrophobic!). Till then, I'll enjoy the AJ-15, which is really fun to play with, with NW beam and dipole. (I may even see what it'll do with cheap rabbits ears). John

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Bob Zent - 1835 Fruit St. - Huntington, IN 46750  
w/AR-1515 back from repair

9/5 tr	2228 WRJA 88.1 SC Sumter, j, ID	550	9/8 tr	2101 WQFL 100.9 IL Rockford, g, ID	210
2259 WNSC 88.9 SC Rock Hill, same	program as WRJA, but couldn't quite make out the ID.		2104 CKOT 101.3 ON Tillsonburg,	260	"Stereo-101 with studios in Tillsonburg"
2301 WUNC 91.5 NC Chapel Hill, j, ID	455	2300 WVNP 89.9 WV Wheeling, s/off,	245		Station appeared not to be in Stereo.

Very meager report this month but I've been quite busy and haven't had much time to spend DXing. Thanks to Nick Lombardi of Atlanta for identifying one of my loggings from last June 17 - KSIT 104.5 in Rock Springs, WY. 73s, Bob

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David J. Nieman - 12284 Nice Rd. - Akron, NY 14001  
\*ID on tape; New underlined

8/29 tr	0935 WIXX 101.1 WI Green Bay, r	490	9/9 tr	1041 WSWR*100.1 OH Shelby, k	255
8/31 tr	2150 WNMU 90.1 MI Marquette, c	495	With Pioneer TX-9100 tuner		
9/2 ms	0913 WOCG* 90.1 AL Huntsville	710	9/13 tr	0046 WOEZ*100.9 PA Milton, m	160
9/5 tr	1800 WVPR* 89.5 VT Windsor, c	300	1153 WCLR*103.1 PA State College, pr	150	
9/6 Au	0800 WRJA 88.1 SC Sumter, NPR nx	640	9/14 tr	0144 WTSC* 91.1 NY Potsdam, pr	210
0905 CBLF* 88.1 ?? ??	FF, CBC	675	0859 WFFM* 89.1 NJ Trenton, c, s/on	265	
1009 KBBG* 88.1 IA Waterloo, s			9/15 tr	0002 WTTR*100.7 MD Westminster, m	250
9/9 tr & GW	0130 WGTB* 91.3 OH Toledo, c, s/off	250	0113 WPMU* 91.1 NJ East Orange, p	265	
0130 KUNI 90.9 IA Cedar Falls, pr	0136 WLEN*103.9 MI Adrian, r	285	9/17 tr	1300 WPLN 90.3 TN Nashville, c	645
0154 WKEZ*105.5 OH Sylvania, r	0259 WALF* 89.7 NY Alfred, pr, s/off	65	9/20 tr	0159 WJWJ* 92.1 PA Nanticoke, r	175
0341 WRUV* 90.1 VT Burlington, pr	0900 GBF*100.7 PQ Montreal, c, FF	275	9/22 Au	0158 WUTC* 88.1 TN Chattanooga, c	665
0900 GBF*100.7 PQ Montreal, c, FF	o/CHIN Toronto	295	0204 WBTI* 91.1 IL Carlinville, s/off	650	
1018 WHGC* 94.3 VT Bennington, m	260	0218 WVJC 89.1 IL Mount Carmel, r,	575		prev. tr Dave

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William R. Hepburn - AES Weather Station - Eureka, NWT XOZ OGO

I think it is safe to say that I am now the most northern contributor to the Northern FM-DX column at a latitude of 80°00' N! So far, my FM totals are 0, but I'm being optimistic. The aeradio operators in Resolute Bay told me to be on the lookout for VHF from Scandinavia and Alaska. So I will keep my ears peeled.

(At Leduc, AT) 8/4 GW 101.9 CKO-6 Edmonton, AT  
 8/4 GW 93.3 CBX Edmonton, AT 104.2 CISG? Edmonton, AT, k  
 94.9 CKUA Edmonton, AT (At Resolute Bay, NWT)  
 95.2 G??? Edmonton, AT, mc 8/5 GW 105.1 CBIL Resolute Bay, NWT,  
 96.3 CKRA Edmonton, AT "CBC Radio," relays CHAK CFYK or CFFB  
 97.3 CTRK Edmonton, AT, "K-97"(At Eureka, NWT)  
 98.9 CFCR Red Deer, AT 8/7 Nothing!  
 100.3 CKXM Edmonton, AT Totals at 0 (and nowhere to go but up!)  
 101.3 CKUA-6 Red Deer, AT 73s and good DX, Bill

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Ronald Purdue - Route # 1, Box 224 - Byron, MN 55920

Not much of a report! With only two loggings in August, it seems my Realistic Modulaire-8 is just not good for DXing. However, it is a good instrument for E-skip DXing and poor on tropo FM DXing. A new FM station in Montevideo, MN will be run by a whole family! The call will be KMGH operating on 104.9 MHz. Dont know whether they are on the air yet. No sign of KLSX in Rochester on the air yet. Don't know the format. I've heard the FCC busted an FM pirate there in Muncie! (Not so-RS)

8/3 tr 1812 KBHP 101.1 MN Bemidji, 260 8/4 tr 2119 WKJF 92.9 MI Cadillac, 336  
 r, ads 73, Ronald baseball game

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Daniel E. Oetting - 2882 Old Cedar Grove Rd. - Broomall, PA 19008

Nice tropo on 9/8 & 9, and several strong auroras during the month of September.

9/2 tr	9/12 tr	Good Tidewater - N. VA tropo	
1932 WYRK 106.5 NY Buffalo, k	270 0045 WRVQ	94.5 VA Richmond, r	205
9/5 Au A-index 140!	0048 WDYL	92.1 VA Chester, g	220
2324 WRVL 88.3 VA Lynchburg, g,	270 0058 WRAL	101.5 NC Raleigh, rm	340
previously by tr	9/13 GW	89.1 NJ Trenton, c, ID,	38
9/6 tr	1004 WJFM	new station	
0037 WILQ 105.1 PA Williamsport, WIOV off	9/13 tr	1015 WLNG	92.1 NY Sag Harbor, r
0048 WBUF 92.9 NY Buffalo, r, in good	2300 V.	good NYC-Poughkeepsie-New Haven tr	190
0113 WKXI 91.5 NY Rochester, c	2334 WYRS	96.7 CT Stamford, j	125
9/6 Au	2335 WYYZ	92.5 CT Waterbury, r	160
1558-1920 Unids MUF to 91.3	9/14 tr	0012 WKXS	107.9 MA Medford, sr
9/8 tr	2305 CBBL	100.5 ON London, c	365
0037 CBBL 100.5 ON London, c	"CBC Stereo at 100.5 in London"	0034 WSEF	99.3 PA Harrisburg, r
2310 CKPC 92.1 ON Brantford, c, ID	335 0055 WESU	88.1 CT Middletown, rj	180
9/9 tr	0833 WSPI	95.3 PA Shamokin, "Spy-95"	90
0841 WNIC 100.3 MI Dearborn-Detroit,	9/15 tr	1217 WRCH	100.5 CT New Britain, m
r, ID, My first MI by tropo.	280 9/17 tr	1020 WEIV	103.7 NY Ithaca, gm
0846 WZPR 100.3 PA Meadville, k	290 1738 WDNH	95.3 PA Honesdale, r	115
0850 WQLN 91.3 PA Erie, c	430 2022 WDLA	92.1 NY Walton, m	145
0930 WNUZ 103.5 MI Detroit, g	305 9/21 Au peak-2335 A-index 78		
1008 CHRE 105.7 ON St. Catherines, m	305 2315 unID	90.5 ?? "CBC Radio,"	???
1012 CJQR 97.7 ON St. Catherines, k	325	English, s/off 0010. CBHA?	
1019 CKQT 94.9 ON Oshawa, mr, ID	330	(Time is EDT)	
1048 CKDS 95.3 ON Hamilton, m	310	73's, Dan	
1100 CFLY 98.3 ON Kingston, mr, ID	220		
1101 WNTQ 93.1 NY Syracuse, r, ad			

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Joseph Fela - 150 Robert Place - So. Plainfield, NJ 07080  
 Receiver - McIntosh MR-78. Antenna - pair of Antennacraft GFM-10s, stacked at 35 ft. w/rotor.

8/15 tr	9/9 tr
2000 WRCK 107.3 NY Utica, "Rock-107"	1948 WYRK 106.5 NY Buffalo, k, ex-WADV
8/16 tr	2003 WVKR 91.3 NY Poughkeepsie, ID after news, format seems varied
2342 WWOM 100.9 NY Albany, basically r	
8/30 tr	9/12 tr
1933 WQIX 100.9 NY Horseheads, k	0000 WJFM 89.1 NJ Trenton, s/off, new station - quite potent here - completely takes out WFUD/WNYU. Limited listening seems to show a c afternoon format with jazz in the evening.
2010 WOEZ 100.9 PA Milton, m, "EZ-101"	0003 WCAV 97.7 MA Brockton, s/off after news & weather
WOEZ never heard on the Pioneer - but seems to be there fairly often on the MR-78 (like 6 times in the first three weeks of September).	
2339 WSQV 97.7 PA Jersey Shore, r, ID, Williamsport promo, also in next night.	
9/8 tr	9/25 tr
2026 WHCU 97.3 NY Ithaca, c, ID	2230 WFAN 102.3 CT Stonington, r, briefly o/WBAB
2125 WBen 102.5 NY Buffalo, r	
All in all, not too much. Have yet to get the first good trop (or otherwise), opening since getting the MR-78.	73.

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Ralph Strobel - 2300 E. McGalliard Rd. - Muncie, IN 47303

Here is the meteor scatter loggings from the August showers: 8/11 ms (Antenna to South) From 98.9 WSPA "...Here's the WSPA weather..." From 98.9 WUSL "...Yes sir, WUSL is bringing the country to the city with Jim Best...99-FM, Jim Best and the Best country band all in a free lunchtime concert on JFK Plaza. Remember, it's coming up August 11th 11:30 to 1:30, all new from 99-FM, WUSL..." From 98.9 KRQY "...KRQY..." (Antenna next turned to west) From 93.9 WMTM "...Market in Moultrie, downtown, and in the Moultrie Plaza..." From 93.9 WKKQ "...The summer of 82 - Super-Q..." Later from WKKQ "...due to a hydrant replacement problem. Once again, the water will be shut off on West 41st Street to Highway 169 in Hibbing..." (Highway 169 is on my road atlas). 8/12 ms (Antenna pointed west) From 93.9 KTTL "...KTTL 93-9..." From 93.9 WKKQ "...Country fever on Super-Q..." 8/13 ms (Antenna pointed west) From 93.9 WMTM "...Chevron service across from the Post Office in Moultrie..." From 93.9 WKKQ "...in Hibbing..."

9/17 tr	9/29 tr
0101 WIMZ 103.5 TN Knoxville, r\$	375 0206 RTXR 101.5 MO Springfield, wx
0300 WRVU 91.1 TN Nashville, 430w	330 10/1 GW
0530 WUAL 91.5 AL Tuscaloosa, nx	525 0122 WELI 88.5 IN Muncie, on air
9/29 tr	10/2 tr
0015 WVKC 90.5 IL Galesburg, r	275 0340 WFSE 88.9 PA Edinboro, p
0202 KMSU 91.1 MO Springfield, p\$, 5800w, 205 ft.	500 0401 WWSE 93.3 NY Jamestown, r\$
	150 1602 WNDI 95.3 IN Sullivan, r

September was a crummy FM month. Perhaps the December meteor showers will be good. Pirate WELI is back on the air, with the same DJ. Don't know how he got out of jail as no articles have appeared in the Muncie newspapers. The signal of WELI is very good in downtown Muncie on my car radio. In fact, the signal carried for over a mile real well for a 1 or 2 watt station. That's all this month. 73, Ralph

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# METEOR SCATTER INSIGHTS

BILL FAHBER  
336 ATLANTIC ST  
BRIDGETON, NJ 08302

# STV UPDATE

(major source: BROADCASTING magazine)

by Bill Thompson

The stations listed below have recently been authorized to run STV (Subscription TV) programming, using one of the systems described by Phil Sullivan in last month's issue. Stations with an asterisk (\*) are already on the air--many of them running independent programming until they are ready to start up their STV service in the near future. The stations listed will join those listed last month on the air with scrambled programming, and we'd appreciate hearing from any DXers who'd like to comment on the type of encoding--and name of the service--being used.

## LET'S ORGANIZE A METEOR SCATTER BLITZ!

Okay you skeptics and nonbelievers, you who put meteor scatter down as fairytale and fable. Here's your chance to see that meteor scatter really does exist, and isn't only a tool of the sophisticated, the expert, the owner of a vast array of expensive equipment.

You, yes YOU, are invited to stay up all night on December 13 and January 3 to take part in what may be the first Meteor Scatter DX Blitz in history! Plan to take a day off work or school the next day, and sleep late. Drink plenty of coffee that night. Take a nap earlier in the evening.

Here's what you're supposed to do. Try to save whatever program listings you can get for those two nights. Keep them for several months after the blitz. Also, if you can, take note of what VHF stations are broadcasting during that night, and when they shut off or what hours they transmit test patterns and what kinds of test patterns. Also, during the MS DX blitz, make a description of some of the MS bursts you see, whether they were overdense, underdense, distorted, highband or lowband VHF, or even UHF, how often the bursts would come in, how strong they were, etc. Write down any unidentified station clues you can and send them later to the CCI column. After these UNID stations are noted in the CCI column, see if any of the notes can be identified by the program material you accumulated during the blitz. The information you accumulate may help to identify somebody else's unidentified station. After the blitz is over, send me your comments and observations. This column will appear again in the March, 1983 VUD, so I will need your reports by the end of January so I can put it in the column. If you are planning to take part in the Meteor Scatter DX Blitz on either or both of the two nights, let me know.

## 1982 PERSEID METEOR SHOWER

Observations over the past few years have reported that the Perseids have been getting better, possibly because of the expected arrival of the parent comet, Swift-Tuttle, which was expected to reach perihelion sometime in 1982. To the best of my knowledge, it has not yet been seen. But as per the first article in the column, the density of the trail could very well be denser along the vicinity of the comet. Mike Reid reports looking for meteor scatter on the morning of 8/13/82, and says that bursts were no more than ten seconds apart. Now that's how a decent night of meteor scatter should be. It reminds me of a few good nights I had, when several stations were running test patterns. Every few seconds I would hear a different pitched beep come in

## KNOTS AND SWARMS

Here are two more words for your meteor scatter dictionary to explain why there are sometimes drastic variations in meteor scatter rates.

There have been in the past, occasions where heavy meteor showers have occurred on only one occasion, never to be seen again. This is a result of a cluster of meteors, or a swarm, orbiting the sun, and the Earth just happens to cross through it. A swarm can be caused by a portion of a meteor stream being diverted by a planet into a new orbit. Swarms are totally unpredictable.

A knot is a portion of a meteor stream, usually in the vicinity of a comet, where meteoric particles are more densely clustered than the rest of the stream. A comet often shares the same orbit as the stream, since the stream actually breaks off the comet. So frequently there may be knots in the orbit near the comet. While there are yearly variations in the strength of a particular shower, there are occasions, when the Earth passes through a knot, that the intensity of a shower may be amazingly high.

The Lyrid meteor shower averages about 12 ZHR (Zenith Hourly Rate) at its peak, about equal to the number of sporadic meteors on a normal night. On the night of April 21-22, 1982, it looked like another normal shower. But around 1630 Universal Time, observers in the United States noticed an unusual increase in the rate. By 0650 UT, ZHR had increased to about 250! Within an hour, it was back down to normal.

Was anybody DX'ing that night? Did anybody see an unusual amount of meteor scatter? If you have, let me know.

## SHOWER FORECAST

The big news in the next few months should be the Geminids. Not only is it a strong shower (50-80 ZHR), but it will peak on Tuesday, Dec. 14, around 7:00 a.m., when the radiant is almost directly overhead.

If you miss that one, there is still the Quadrantid shower, with ZHR anywhere from 40 to 150, averaging around 110. The peak will be around midnight EST, but the radiant won't be at its highest until around 8:30 a.m. local time, later on that morning, January 4, 1983. By then, ZHR may well be on its way down.

After that it's time for all good VHF-UHF DX'ers to hibernate until the end of March. No more meteors, no more E-skip, no more tropes; nothing until April starts things up again.

ch	call	city	notes
12	KWBA *	Pembina, ND	Seeks to serve Winnipeg, Manitoba with an over-the-border service; experts skeptical about its future.
17	WWMA-TV *	Grand Rapids, MI	
20	KTXH	Houston, TX	
22	KFCH	Salem, OR	
23	KTMA-TV *	Minneapolis	"Spectrum" Zenith system
26	WCIU-TV *	Chicago	
26	KTSF *	San Francisco	
30	KDNL-TV *	St. Louis	
31	KRBK-TV	Sacramento, CA	
33	WTVZ *	Norfolk, VA	
33	----	Miami, FL	Channel presently occupied by a Ft. Lauderdale translator, which will have to move to another channel.
47	WNJU-TV *	Linden, NJ	To serve New York City area.
59	WSMK	Indianapolis	
62	WGPR-TV *	Detroit	Would become Detroit's <u>third</u> STV.
62	KEKR-TV	Kansas City	
62	----	Syracuse, NY	
64	WSTG *	Providence, RI	Has been seen testing regularly.
69	WVEU *	Atlanta	"VEU"

In addition to these STV grants, at least one LPTV station is now on the air with scrambled signals: K26AC, ch 26, Bemidji, MN, the first commercial LPTV operation.

Many STV applications are now pending with the FCC, with many coming from already existing stations. Until cable TV wires many major population centers--still many years away--STV seems to be a growth industry. Watch for many more scrambled signals to confuse you in the next DX opening!

Many thanks to Greg Monti for providing information used in this report.





Q: "Which kind of lead-in should I use for FM DXing? Wouldn't foam twin lead be much better than coax cable?"

A: At the FM broadcast frequencies, there isn't the same kind of drastic difference between coaxial cable and most types of twin lead that you will find at the higher VHF and UHF channels. Some FM DXers prefer to use twin lead, citing lower losses. Twin lead does appear to always have lower loss characteristics, but in real life, never quite works as well as it does "on paper." Much will depend upon the route that your lead-in will be taking from antenna to FM receiver. Even the best 300-ohm twinlead should not be used if your FM antenna is mounted on a tower; on the other hand, if your FM antenna is roof mounted, and the run of lead in will not encounter much metal, using a good quality 300-ohm foam twinlead may be a good alternative to 75-ohm coax, with the necessary baluns.

Q: "What if I use 300-ohm shielded twinlead for my FM DX system? How would that compare to 75-ohm coaxial cable?"

A: The best types of shielded 300-ohm twinlead cost more than the standard RG-59 75-ohm coaxial cable types, but they do give you the advantage of not using the balun(s) that are necessary with 75-ohm coaxial cable. You can also run shielded twinlead next to metal objects, like coax. But, it will not last as long as coaxial cable--and the losses are a bit higher than the losses found in runs of standard 300-ohm twinlead. In fact, 75-ohm coaxial cable may be preferable in some systems, since many modern tuners and receivers now include 75-ohm inputs, which usually result in slightly less loss than you would have with a balun (matching transformer) on the back of the tuner or receiver. One thing that almost all of the 75-ohm inputs on tuners and receivers now offer you is much better shielding, thus reducing the chance of unwanted local signals getting into your DX system right at the antenna input. This is an important thing to consider if you want the full benefits of your FM antenna nulls.

Q: "How does moisture affect the types of twinlead? Is coax cable immune to moisture?"

A: No type of lead in is immune to environmental moisture, not even coaxial cable. However, 300-ohm twinlead is very critical when it comes to water right on the surface. Standard twinlead (the cheapest "ribbon" variety) suffers the most. A 100 foot run of such a lead in would normally have only 1.4 dB loss; but if the same run of lead in gets wet, the loss goes up to 7.5 dB--a tremendous increase, and one that would be a disaster for any DX system. Moisture also affects all other types of twinlead, except for shielded types. This is the reason that many FM DXers will not use any type of 300-ohm lead in. But moisture can get into coaxial cable too, and it can cause other problems. If you're not careful to seal and weatherproof the connection at the balun connected to your DX antenna terminals, water will work its way into the cable, causing corrosion from the inside. It may not show up as a loss of signal right away, but it will shorten the life of the cable.

Q: "Are standoffs necessary? Do they cause much loss?"

A: You don't need standoffs for coax, but if you decide to use 300-ohm twinlead, be sure to use the right type. Use the longest version of standoff whenever you can, and use as few of them as possible. Each standoff can act like an RF "stub" in the lead in, and this is the reason many DXers refuse to use unshielded 300-ohm twinlead. It's hard to say exactly how much loss the standoffs will introduce into your system; it will be greater on the higher frequencies, of course. However, even at the FM frequencies, it is something to be considered.

Q: "It seems that twinlead has some problems, but I wouldn't have to use baluns with it. Is there any reason not to use it for a DX set-up on FM, other than the possibility of metal objects nearby?"

A: Standing waves are always a problem with twinlead. We haven't really mentioned them here, but they are much of the reason many DXers who have tried 300-ohm twinlead gave up on it. You have to take great care to avoid this headache, making sure your twinlead isn't coiled or rolled up along the run. You also would not want to use it if you are stacking antennas--things become very hard to control here, when it comes to combining antenna inputs. Most all types of 300-ohm combiners show higher insertion losses than their coaxial counterparts. Also, in most of the longer runs, it becomes not worth the trouble to use--a good quality type of RG-11 coaxial cable and two carefully chosen baluns will end up giving you results that are as good as or better than the run of twinlead.

Q: "If coax cable is so good, why do most all FM antennas have 300-ohm terminals?"

A: This has more to do with the type of driven (feed) section that the FM antenna has than anything else. For instance, the driven section on the Channel Master Stereo Probe 9 FM antenna, the hottest you can buy in a broadband FM antenna, uses four 300 ohm folded dipoles--if they were designed to match 75-ohm impedances, they would not show the same kind of response to signals, and this would decrease the antenna's gain.

MORE ABOUT THE  
AUGUST VUD  
COVER:

One DXer has asked us about the August VUD cover, which featured a drawing of the WUWU 107.7 transmitter site.

He asks: "With that kind of crazy xmtr site, just what kind of station are they, anyway?"

Hope this ad from WUWU answers your question!

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THE ORIGINAL SOUNDTRACK AVAILABLE ONLY ON WUWU 107.7 STEREO FM. 31

# FM IN ARGENTINA

Just a few years ago, WTFDA published ONDAS FM, Mike Dorner Jr.'s comprehensive guide to FM broadcasting in Latin America. Since that time, FM broadcasting in South America has been growing steadily, as expected. The list below will serve as an update: ("S" denotes stereo)

Freq.	Callsign	Name	Location	
88.1 MHz	\$ LU3	R. Nescochea	Buenos Aires Province	*
88.3	\$ LU22	R. Tandil	Buenos Aires Province	
89.5	\$ LV11	R. Emisora del Estereo	Santiago	
90.7	\$ LU10	R. Azul	Buenos Aires Province	
91.3	\$ LRA7	R. Nacional	Cordoba	*
91.3	\$ LRA23	R. Nacional	San Juan	*
91.9	\$ LS1	R. Municipal	Buenos Aires City	*
92.5	\$ LT9	R. Brigadier Gral	Santa Fe	
93.3	\$ LRA15	R. Nacional	Tucuman	*
93.3	\$ LU6	R. Atlantica	Buenos Aires Province	*
93.7	\$ LV6	R. Nihuil	Mendoza	*
93.9	\$ LV16	R. Rio IV	Cordoba	
94.1	\$ LU3	R. Del Sur	Buenos Aires Province	*
94.3	\$ LR1	R. El Mundo	Buenos Aires City	*
94.5	\$ LT2	R. General San Martin	Santa Fe Province	*
94.9	\$ LRA14	R. Nacional	Santa Fe	*
95.1	\$ LS10	R. Del Plata	Buenos Aires City	*
95.1	\$ LT7	R. Provincia de Corrientes	Corrientes City	*
95.9	\$ LR4	R. Splendid	Buenos Aires City	*
96.7	\$ LPA38	R. Nacional	Buenos Aires City	*
96.9	\$ LV9	R. Salta	Salta City	
97.3	LRA6/ LRA34	R. Nacional	Mendoza	*
97.5	\$ EW1	R. Universidad	Cordoba	*
97.7	\$ LW8	R. San Salvador	San Salvador	
98.5	\$ LV1	R. Colon	San Juan City	*
99.1	\$ LRA37	R. Nacional	Buenos Aires City	*
99.3	\$ LRA13	R. Nacional	Buenos Aires Province	
100.9	\$ LV10	R. De Cuyo	Mendoza	*
101.1	\$ LT12	R. General Madariga	Corrientes Province	*
102.9	\$ LRA4	R. Nacional	Salta City	
102.3	\$ LR6	R. Mitre	Buenos Aires City	*
103.1	\$ LS5	R. Rivadavia	Buenos Aires City	*
105.5	\$ LS4	R. Continental	Buenos Aires City	*
105.7	\$ LU2	R. Bahia Blanca	Buenos Aires Province	*

This list was compiled by J. Anderson, Buenos Aires, ARGENTINA for the Japanese Latin American DX specialty club, Radio Nuevo Mundo, who received it from DX correspondent Alexander Wiese, Munich, West Germany. Stations with an asterisk (\*) are "personally verified" to be in operation by Mr. Anderson. Many thanks to WTFDA's renowned DXpert Glenn Hauser, Knoxville, TN, for passing this list on to us!

# VHF UTILITY DX

Donald L. Blevins  
314 Langley Road  
Baltimore, MD 21221  
phone: 301-391-3408

VHF UTILITY DX...This month's feature will briefly summarize the past summer season in perspective and to outline some basic changes that have taken place in months gone by....Please note the change of address on the upper right hand corner of the report for this month. This change will be a bit more permanent than the last one. I have made several revisions to my monitoring station that will hopefully upgrade the results of DX.

The first improvement comes in the way of expansion. I have taken my living room and set up an expanded listening center with provisions in another room to write letters and review tapes. An extension phone is provided at both locations in the event another DX'er wants to call to notify me of an opening, or visa-versa. I can work more comfortable with such a set-up.

I now have a low band antenna which has already noticeably improves reception. I am planning to erect a three element beam and a quarter wave ground plane for UHF. In so much as space is concerned, this is already a vast improvement over my Monterey Avenue location and my Earhart Road location.

To get to more pertinent matters at hand, I want to comment on the upcoming DX season, for which I have already monitored the Los Angeles County Sheriff's Department on 39.14 mhz. I have already summarized that there should not have been any West Coast low band skip, but I could be dead wrong. Of course there is no way of knowing just how things will shape up in the upcoming change of seasons. There still might be a couple of openings on E's this winter, but again I just don't know.....

I already missed out on a lot of openings this past season on tropo because of my lack of outside antennas, but as you might recall from previous issues I wasn't completely out in the cold. This past summer season saw productive E's than in previous years with the logging of Massachusetts, Maine and New Hampshire on low band with a screw in whip. I was vastly disappointed in reader contributions, with was only two of our Maryland members, Tom Yingling and Hank Holbrook. If I have alienated anyone, I wish to extend apologies at this time. If the reason reader contributions have fallen off is negligence or indifference I have no idea how to rectify that type of situation.

I have always enjoyed writing this feature, but I am annoyed bearing the responsibility of providing all the information. I am in hopes that this situation will change with the change in seasons and the limitations cold weather places on outside recreational activity.

Hank Holbrook 7211 Chestnut Street Chevy Chase, MD 20815 reports:

5-23 1503	WB 6330	157.30	Thomas Point Light Station, MD	vessel: RETURN
6/20 1746	WYQ 6216	156.80	Rhode River, MD	vessel: PUDDLE JUMPER
7/11 1953	N2714S	156.80	Brewton Channel, MD	aircraft: Coast Guard Auxiliary
2350	*CGA 28287	156.80	Rhodes River, MD	vessel: Coast Guard Auxiliary*
2350	" " " "	157.10	Rhodes River, MD	vessel: Coast Guard Auxiliary
8/1 1846	WS 3441	156.80	Chesapeake Bay, MD	vessel: GAD-A-BIT

Report to:  
Mike Reid  
109 Arjay Crescent  
North York, Ont. M2L 1C6

Deadline: 20th.



KDFW-4 Dallas, TX  
368 mile tropo.



KAMR-4 Amarillo, TX  
184 mile tropo.



KLFY-10 Lafayette, LA  
684 mile tropo.



KRIV-26 Houston, TX  
515 mile tropo.



K12FM, channel 12 Alpine, TX  
translator of KMID-TV  
184 mile tropo.  
March/82

All photos on this page from  
Jim Pizzi, Lovington, NM.

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