

From The STAFF

THE SEASON MAKES A COMEBACK!...This year's E-skip season really surprised a lot of us! After what almost everyone thought was a poor June, July activity was impressive, and looked much like that of a "banner" year, with some notable events such as double-hop E-skip from Florida to California, and highband Es on TV in the Northeast. Transatlantic multiple-hop E-skip--something that many feel takes place in one form or another every summer--showed up on European TV frequencies in New England! This may have been a preview of the kind of DX events that F2 skip should bring about later in the fall! That's not all--in August, E-skip seems to be continuing in fine form, with early indications of much more activity than usual. The 1989 Es season may have simply been a "late-bloomer" after all.

A NOT-SO-CURRENT AFFAIR?...VUD editors have been complaining that a few contributors have been waiting too long to report their DX, thus greatly diminishing the news value of the report. Comments about this have also been received with increasing regularity from VUD readers, some of whom use the reports for their own research purposes; a "stale" DX report is often of little or no value to them. We've been reminded that the original purpose of DX columns was to show current DX events; report column editors will soon receive new guidelines for their columns. Recently, one editor received a DX report that covered almost FIVE YEARS of DX loggings, and the reporter demanded that it be used in its entirety. Reporters, remember one important thing--your column editors use submissions at their own discretions--not yours. An editor put it this way: "we shouldn't make room for 'prima donnas' in the VUD--let's avoid ancient history, old DX reports smell like last week's socks! Let's concentrate on last month's DX instead!"

COLUMN NEWS...Due to layout problems, most of the NORTHERN FM DX column, received right at deadline, did not meet printing standards and is being re-typed for next month's issue...INTERNATIONAL NOTES editor Ron Stock promises the column will resume after he gets back from vacation...John Combs is stepping down as EASTERN TV DX editor. Currently working two jobs didn't help matters, and we're amazed he was able and willing to carry on with the column while doing so. He's not the only editor who has managed to do this, which is nothing short of remarkable. Hopefully, John may be willing to take on another VUD column in the near future, if his schedule allows it. We are now looking for a volunteer to do the EASTERN TV section. If you're interested, write to the Editor-in-Chief via WTFDA, Box 514, Buffalo NY 14205-0514.

'90 CONVENTION HOST STILL SOUGHT...A reminder--if you're interested in hosting WTFDA Convention 1990, please write by September 30th.

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This month's cover submitted by PHOTO NEWS editor Dave Nieman.

PHOTO NEWS

SEPTEMBER 1989

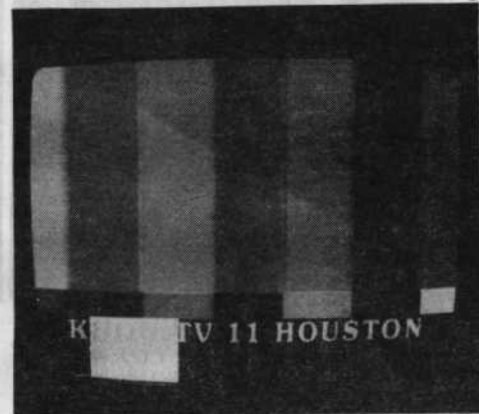
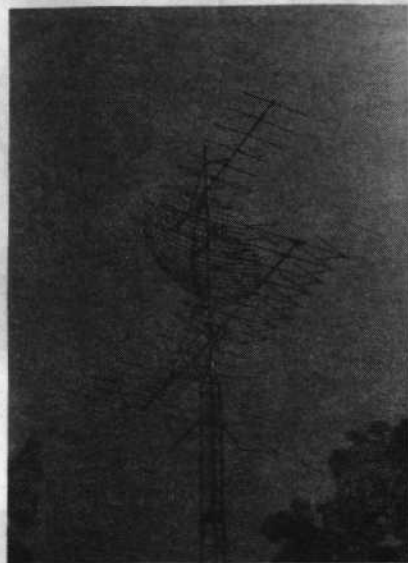
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14031-0155 U.S.A.

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EDITED BY
David J. Nieman

Mike Hollis - Mary Esther, Florida (near Fort Walton Beach in the panhandle) sent in some DX shack and tropo fotos taken this past March and April.



KHOU-TV 11 HOUSTON

KHOU-11

Houston, Texas

540 mile tropo

seen March 11, 1989

at 0315 CStime

mounted on the 30' Rohn -25G tower (from top to bottom) Channel Master 4408 FM "Stereo Probe 9" a Finco P-7 UHF antenna followed by a Channel Master 3617 for VHF TV reception. Alliance HD-73 antenna rotor is used with ACA preamps for VHF&UHF TV.

Televisions:
JVC 19" on left & Sanyo 19" on the right; that looks like a Heathkit FM under that.

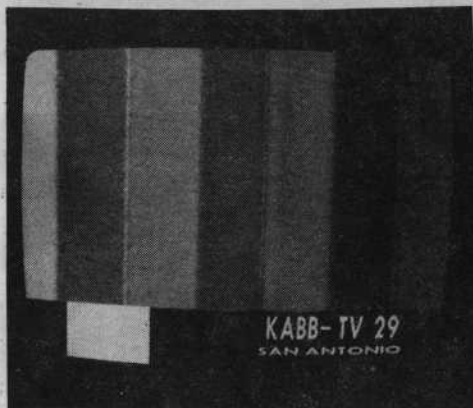


PHOTO NEWS

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...more from Mike Hollis in Florida

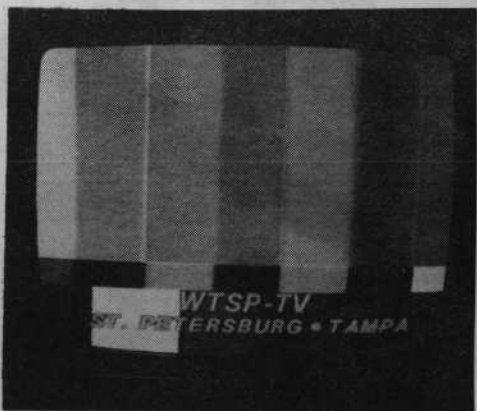
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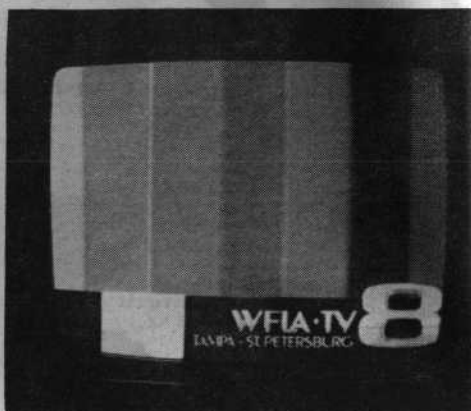
KABB-29
San Antonio, Texas
740 mile tropo
seen March 11, 1989
at 0523 CStime



KRRT-35
Kerrville, Texas
770 mile tropo
seen March 13, 1989
at 0136 CStime



WTSP-28
St Petersburg/Tampa FL
300 mile tropo
seen March 13, 1989
at 0140 CStime



WFLA-8
ST Petersburg/Tampa FL
300 mile tropo
seen April 27, 1989
at 0405 CStime

...more from Mike in October.

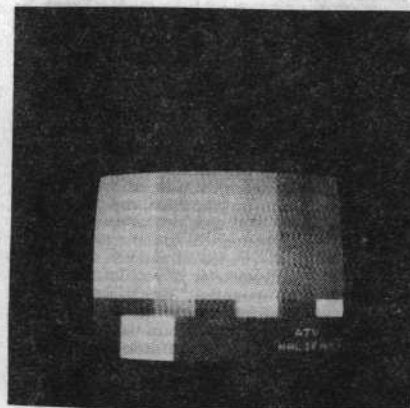
PHOTO NEWS

SEPTEMBER 1989 page 3

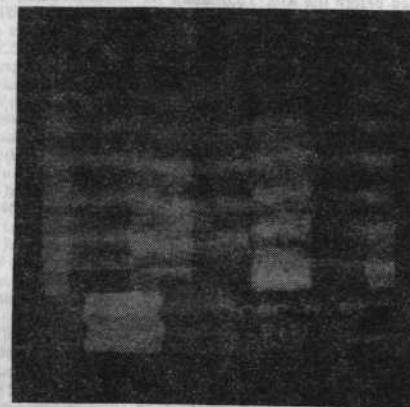
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Next up is Roy Barstow - Teaticket, Massachusetts (near Nantucket Sound). Equipment: Channel Master (CM) Super Bandsaw UHF (12db gain ave.) at 33', CM MATV Super Vector model 1273 HI-band (7-13) at 29', CM MATV Super Vector model 1225 Lo-band (2-6) at 23'. Winegard PA-4975 UHF preamp, Blonder-Tongue Vaulter III plus VHF preamp, Radio Shack coax 19" Zenith color TV w/Teknika 6510 tuner.

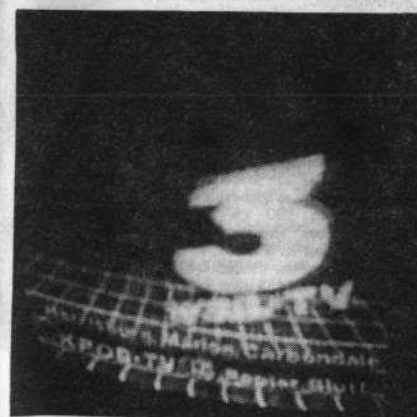
more from Roy in October...



CJCH1-10
Canning, NS
398 mile tropo
seen May 20, 1989
at 0515 EDTime
ERP 18kw



CBHT11-12
Mulgrave, NS
535 mile tropo
seen May 20, 1989
at 0519 EDTime
ERP 129kw



Wrapping up this month with Bill Nienajadly - Clifton, New Jersey (metro NYC area). Equipment Hitachi 12" color, Sony Mega Watchman TVs. Wire dipole cut for channel 3 in attic, Radio Shack U-120 & 4 bay UHF antenna with 20db gain preamp rotatable.

WSIL-3
Harrisburg, Illinois
794 mile E-skip
seen June 25, 1989
at 1558 EDTime

Till next time...

DAVE



FM NEWS

Readers' Reports—A VUD Exclusive!

This will be a quicky-done column, since time is limited before the Aug. 15 deadline for columns at club HQ, and after returning from Syracuse. No time to go through the materials that I collected from the trip, as well as what others gave me in person there. All that will be in next month's column. I can say it was an excellent convention, and I enjoyed being back in Syracuse after 20 years' away from that town. I even missed my graduation in 1970 there.

Long-time DXer Len Kruse, Dubuque IA, who I remember from the 1950s in the Newark News Radio Club, reports. He's heard the translator for KDBT 99.3 Dyersville IA ID for Cedar Rapids on 100.1, and claims to "really enjoy" the FM Atlas. I got a tape recently of 1959 and 1961 testings of Conelrad. You can get a dubbing of this low-fi tape if you send \$10 to cover part of my time in running copies of two sides of this C-60 for you.

A Canadian reader, Mike Cherry, sent an article on how ill-served Victoria BC is. It has no CBC station origination, and even spotty CBC reception from Vancouver. Local citizens appeared at a hearing, and demanded such things as the CBC supplying a 24-hour clear off-air FM and AM signal, creating a locally staffed news bureau, plus radio and TV production facility in the city. "Thank you for publishing the address for 'VHF/UHF Digest' which I intend on subscribing to. . . My new antenna/tower/rotator system will finally sort out the 101.9 mess locally. I am ecstatic to report that with the beam pointed towards Victoria BC that I can receive CFUV clearly and in stereo, and with the beam swung NE towards Vancouver can now clearly hear CITR in full stereo with reasonable but not full quieting. I would like to personally thank the DOC and CRTC for forcing me to upgrade my antenna system by \$600 plus \$150 for a newer and more comfortable climbing belt for towers."

Brent Alford of DX Party Line, HCJB Shortwave, Quito ECUADOR, sent along a nice announcement about the new FM Atlas on his powerful station. Somebody corrected me on when WNYR went on the air. It was April 19, not May 19, as given in the June VUD. I don't have time to look up where WNYR is—New York state some place, I think.

George Sherman is procrastinating about getting a new FM antenna, and he found overload from all the locals a problem in Duluth on his Panasonic RF-2200. "I did note the WTBX translator. It never occurred to me before that some stations might have translators in other cities because of overload on their originating frequencies." I bought an FM translator from Doyle Wenzel, Aberdeen WA, that had been on 107.1, relaying, Portland 93.7. That translator is being replaced by one with dual outputs. My engineer is modifying it for 103.9 output, 99.9 input with site to be in Henaantown-Adolph MN. It will come on as W280CT, probably by Sept. 1.

Wendell Ford just finished typing the entire FM Atlas onto notebook paper. "I'm able to get 30 stations on each side, and it took 107 pages and 41 days to type it all. Last year it took 31 days. I was able to get my hands on the June copy of FMedia! so grants that I have to wait a month for in the VUD (since I'm not a subscriber to FMedia!) are also included in my listings."

Carl Dabelstein of the National Radio Club mentions he's going to be at the club's Labor Day weekend convention in Topeka, and will be getting an FM Atlas (doorprize) and some catalogs to distribute there.

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Esko MN 55733-9413, U. S. A.

Contributions Earnestly Solicited!

Detroit's Paul Gaines sent several articles, one of which was a survey of people by the newspaper saying why they preferred one station or another. For example, Elmore Leonard, 63, a novelist, likes especially WDET *101.9 and WJZZ 105.9. WJR still holds the No. 1 spot, while WJLB FM and WJOL FM follow. The "tree press" had an article by Hans Fantel on the need for better antennas than the short piece of lead provided with a tuner. Of course, all we DXers already know that! "Heard three news bits on CBS. An FM station owed rent. Lady landlord bulldozed their tower. SE area. I think it was an FMer. Frank Albert Sinatra bought an FM station in AZ, changing its calls to KFAS-FM."

Member David Shapiro has started an organization called the Disabled Journalists of America. The group will be for print and broadcast journalists, and geared to those studying for the field in colleges and universities. It will also give out information to help those people get jobs. "I am enclosing some printed information about it, and I would deeply appreciate it if you let the FM DXing community know about this." He also would like FM DXers in New England in the eastern provinces of Canada to exchange tapes of FM stations they can hear. Contact him at 484 Hammond Drive, Griffin GA 30223; (404) 228-6491.

Frank Merrill, free of a local on 103.1 (now on 102.7 instead), wonders if Eldon MO KLOZ on 92.7 can really increase to 31000 h.v. They can, because spacing is such that they can go up on a formerly Class A only frequency. He still enjoys clear reception from Macomb on 93.1 and 106.7 and hopes no new station comes along on those frequencies to mess up his local DXing.

Richard Reese sent some station news from an opening of June 14. "I am sorry to say I am temporarily without stereo capability, so could not check for that." The only stations on his list I wonder if they have stereo or not are WGTF *89.5 Dothan AL, WYOL *91.9 Lakeland FL, WJUN-FM 92.5 Mexico PA and WMTY 103.5 Greenwood SC.

"I had been receiving FMedia! up until recently," writes John Sumner of "Audiophile Audition." "Frankly, while there is some stuff of interest to me in it, I find I just don't have the time to read it. . . I got a McIntosh recently—it's driving me crazy. If you come to SF next year, give me a call—be nice to see you. Have you ever done a piece on how stations who modulate 100% to 100% of their SCA channels wreck their fidelity and reception? The amazing differences between KALW and KQED-FM here in SF are graphic examples. KQED-FM has everything sold and at highest level on the subchannels and so even with 100 kw their signal is mostly unlistenable in cars and walking. KALW has one low-level service and as a result is receivable clearly in cars in many more areas, though only 2000 watts! For a while I've Evans there cut even the one service and that weekend reception here in Marin County—which is usually slightly distorted on music programs in stereo-sounded like a feed straight from the studio! Do you have any info on FM in Japan—esp. stations who broadcast some English-language programs? You know Aud/Aud was distributed in Australia for a while, and some people said I should be distributed in Japan!"

Bill Nieniadaj, who called during the convention, with whom I spoke for a while, sent word on NY ratings. WHTZ 100.3 still tops, while WPAT-AM-FM come in for a very good second. Then it's WLTV, WCBS-FM, WINS, WNEF-FM, WRKS, WQHT, WOR and WNSR. Howard Stern's WXRK is in 11th place. Then it's WABC, WPLJ, WCBS AM, WBLS, WQCD and WFAN.

FCC—FM

Is it WAMP or WXTS? On During the Summer?

Eric Fader says the black a/c format should still be "s," according to my format scheme. "Clearly, the simplest thing to do is call it 's' in all cases. The format codes are never 100% precise anyway. It should be noted that this is not the first time this format has existed. WBLS 107.5 NY and other stations ran a "Quiet Storm" format all or part of the time. . . A little 'blacker' (i.e., less mainstream pop) than the new incarnation of the format."

Chris Cuomo sent an alphabet of French pronunciation, similar to what Alain Pepin has printed in the VUD. He wanted it printed in FMedia! but I won't be cluttering either publication with it.

William Martin sent several articles on St. Louis ratings. WSIE *88.7 Edwardsville IL missed the ratings in one issue, residing in the cellar at No. 31. Tops in morning drive are KMOX, then it's KSHE, KEZK, KSD, WIL, KYKY, KMJM, WKBB, KLOU and WKXX. All are FM, except for KMOX.

Gus Mancuso: "Ite your article on suggesting stations sign off during late night occasionally. I think you're going to have a hard time talking owners into going off air to PREVENT going off the air unexpectedly. It's like taking a nauseating pill—for an upset stomach. I'll concede it's better than the other reason for going off—to improve DX! . . . Re: updating dial histories via newspapers. I checked some old microfilms and found an omission from the Baltimore-Washington dial history. But since you say using newspapers is no good, I'll just forget it. No sense spending an afternoon if not appreciated. To Bill N: Real oldies stations don't play 'oldies' from the late '60s."

"You may not remember my name, but in 1959 I was a contributor to your column in the short-lived DXing Horizons and until 1963 to the NNRC," writes Ed McMullin, Lansing MI. "I learned just recently that the NNRC is no longer in existence. . . At the time (1959-1963) I was a contributor living in the small town of Hemlock MI, using a 1955 National Criterion tuner with an Apparatus Development Co. FM Q yagi antenna." He mentions moving to Lansing where DX conditions were not good, but now has a better tuner at a higher elevation. "Because I have been away from DXing for so many years, I am unaware of any clubs that are devoted to the hobby, and would like to know if any now exist devoted to FM. Please let me know at the time you reply to my request concerning your latest FM guide. This must be a difficult and time-consuming effort on your part to update these invaluable pieces."

I believe I sent subscribing info to him, but if club HQ has not heard from him, or if anybody else remembers him, you might want to drop a line to Ed at 4332 Appletree Lane, Lansing MI 48917.

Handicapping Ralph Stobel's DX-ing is a broken dial cord on his MR-78. He's regressed for now to a former tuner while the Mac is being repaired. He didn't make the convention, saving his money for a trip next year to HI and ID, from which he hopes to make a report to this column. WMDH 102.5 New Castle IN is accused of rigging a contest. A former employee charged that the station came up with phony lottery ticket numbers to decrease the number of winners "because the contest was too successful and all the prizes would be gone before it was scheduled to end." Ralph heard the calls WOJL on 100.7 and sorry, I cannot help him on that. "I think you may be criticized by some for the smaller print [in the new FM Atlas]. Those with poor eyesight will have problems. A larger book is still my suggestion." Ralph says Toledo 88.3's calls are WXTS, not WAMP, but when I was in Maumee, WXTS or WAMP would not oblige by coming in. Perhaps off for the summer, but then how could reporters have recently claimed a call letters change for them? I thought WXTS could be directional away from Bowling Green OH (88.1), but Frank Merrill says no—WXTS/WAMP came in equally in all directions. The mystery continues. "For the next Atlas, could you include one page which compares feet to meters and miles to km? Everyone I ask says they can't figure out the metric system—it's like a foreign language! What good is including these numbers in your book when only the Canadians have been taught how to use them? I asked everyone at the convention last summer if they liked the metric system in your Atlas. They all said NO! I told them to write you to complain. People say, 'Oh, it won't do NO good!'" [And they're right!—b.e.]

Peter Baskind, program director, Majic 107 FM, WMJM, Ridgeland MS, serving Jackson: "There has been a lot of shuffling of calls and formats here in the Jackson market lately, and even though a few of these are quite recent, almost all of your information is dead-on-the-money! I think what impressed me the most was your including the WYAY/WEKS swapping in Atlanta in your essays. That only appeared in RADIO & RECORDS a few weeks ago." He mentioned getting a copy of an earlier edition at ANARC in Thunder Bay ON, and would like to have the channel designations for stations, like "C2" put on the maps near the call letters. "Keep up the

good work. I don't know what I would do without your book."

Now on to news that made my FMedia! rag. The below is not complete, but represents what I have selected for you to see, partly determined by the amount of time I have to sit and watch the [slow] printer grind out the pages. I'll stop it at the end of one of the pages. Look also for "See Also," for my reaction to things in last month's VUD.

New FM Station, Translator Grants

- AL Oxford 97.9 310 h.v.; 300 m
- AK "North Point Higgins" K214BD *90.7 (KRBD 105.9 Ketchikan translator)
- AK Wrangell K222CV *91.9 (KSTK 101.7)
- AR Glenwood 104.5 3000 h.v.; 100 m, Caddo Bestg. (son City NV)
- CA Bishop K208BS *89.5 (KNIB 91.3 Car- CA Gonzalez 104.3 3000 h.v.; 100 m, Jerry J. Collins (88.5 Tampa))
- FL Brooksville W219AW *91.7 (WMNF)
- FL Fort Pierce W212AH *90.3 (WCIF 106.3 Melbourne; WCIF itself to be marked * for noncommercial) (100 m)
- FL Solana (Port Charlotte) 105.3 3000 h.v./ GA Clarksville 102.9 3000 h.v.; 100 m
- GA Leesburg 103.7 3000 h.v.; 100 m
- IA Cresco 102.3 3000 h.v.; 100 m
- IA Spencer K205BU *88.9 (KDCR 88.5 Sioux Center) (h.v.; 100 m, 1st B.C. Media)
- LA Belle Chasse (New Orleans) 102.9 3000/ ME Berwick W219AV *91.7 (WHCF 88.5 Bangor)
- ME Dexter 102.1 3000 h.v.; 92 m, D. F. Priestley
- MN Mora 93.5 3000 h.v.; 100 m, John J. Godfrey
- MN Thief River Falls 99.3 3000 h.v.; 100 m
- MO Washington 104.5 3000 h.v.; 100 m, Prime Time Radio (son City)
- NV Austin K209AX *89.7 (KNIB 91.3 Car- NH Belmont 93.3 340 h.v.; 297 m
- NH Gorham WMH 107.1 3000 h.v.; 86 m, \$ granted reinstatement of expired c-p
- NY Spencer *88.5 7000 h.v.; 152 m, \$, Family Life Ministries (Saggs Bestg.)
- NY Utica 100.7 670 h.v.; 202 m, Crocco/ OH Canfield (Youngstown) W205AH *90.9 (WCRF 103.3 Cleveland) (m, Stevens)
- OK Locust Grove 100.7 3000 h.v.; 100 m
- OR Eugene K272CL 102.3 (KZAM 95.3 Creswell), on air, not having deleted as reported earlier (line Media, Inc.)
- PA Portage 105.7 3000 h.v.; 98 m, Main- PA Tobyhanna 107.9 560 h.v.; 22 m, TIAB
- PA Tunkhannock 107.7 240 h.v.; 354 m
- TX Austin KLT-D 199.1, 3%-w booster of Lampasas station
- TX Electra 95.1 3000 h.v.; 100 m, A. L. Crain
- TX Madisonville 96.1 4000 h.v.; 164 m, OARA
- VT Canaan 94.1 960 h.v.; 173 m, 4 Seasons
- VA Accomac 99.3 25000 h.v.; 100 m
- VA Alberta 107.7 3000 h.v.; 100 m, FM 108
- VA Galax *91.1 1000 h.v.; 940 v, 151 m, Golden Rule Organization Workshop
- VA Richmond 101.1 2000 h.v.; 123 m, displacing WCVE-FM, which had been residing on 101.1, and now must move to *88.9
- VA Salem *91.3 3340 h, 2980 v, 275 m, Unity of Roanoke Valley
- WA Oroville K269AH 101.7 (KOMW-FM 92.7 Omak) back on; serving also Tonasket
- WV Bluefield *91.1 740 h.v.; 336 m, VA-WV Community Radio, Inc.
- SK Saskatoon frequency, power, height not announced. New grant by CRTC to High-Line Broadcasting, Inc. Format to be b. "beautiful music." To have eight hours of news a week, with a five-person news staff
- CH Chihuahua XHUA 90.11, \$, "Estereo Vida"
- SO Techache XHMZD 99.3. "Neither AAA nor

Rand McNally acknowledges Techache, but the National Geographic Atlas of the World does list it to the ENE of Hermosillo. Radio Sonora has branched out from the Pan-AM Highway!

Call Letters Assigned

- AL Selma 100.1 WDXX (WTUN), k, "Dixie 100"
CO Craig 93.7 KRAA (KRAI-FM), r
FL Jacksonville 95.1 WAPE...FM (WAPE-FM)
AM gets new calls)
FL Jupiter 95.5 WTRU-FM (WKSJ), b, ID with/
GA Brunswick 101.5 WHJX (WPJ), Facilities
change to 446 m (100000 h,v)
GA La Grange 104.1 WYAI (WEKS-FM), "Y-104
FM," simulcast with WYAY, Y-106 FM,
Gainesville GA,
both serving At-
lanta, k format.
"it is a move that
has upset many
Atlanta blacks."
HI Honolulu 105.1
KHFX (KIOV),
r, \$
IA Fairfield 95.9
KIKI (KMCD-
FM)
KY Jeffersontown
101.7 WLSY-FM
(WLSY); AM is in
Newburg KY
"Oldies 106.7" (strict)
LA Port Sulphur 106.7 KOLD (KHAH), r
MI Detroit 96.5 WKQI (WCZY-FM), "Q-95"
(strict); legal ID with calls given only at 10 to
the hour, still r, but more of an adult
contemporary/contemporary hit hybrid.
MI Marshall 104.9 WEL-LP (WELL), k, simul-
cast with AM in Battle Creek, with which city
it also identifi es. "Southern Michigan Coun-
try" strict onID.
MN Wei to Park 103.7 KXSS-FM, r, b, ID with St.
Cloud, "Kiss FM" (strict). On air; poor signal.
ND Lisbon 106.1 KQLX-FM (KQLX), b, ID with
Wahpeton-Fargo
"Oldies 103"
OH Johnson 103.1 WKLE (WEZJ), r
OH Toledo 98.3 WKTB (WAMP), No official
word on this from FCC; but the Commission's
been behind in a project to coordinate call
letters' changes. Readers are advised to report
any call changes they come across.
PA Philadelphia 101.1 WEAZ-FM (WEAZ)
UT Salt Lake City 93.3 KLZX-FM (KLZX)
WA Tacoma 87.3 KBSG-FM (KBSG)
BC Burns Lake 107.5 CIRX-4 (CIBC-4), m
BC Prince George 84.3 CIRX (CIBC), m
Application to broadcast harder rock opposed
by CRTC and competing Amer CKPG, which
claims to hold "a good percentage of the
18-to-44-year-old market." CIRX charges the
CRTC with "nitpicking," and gave as exam-
ples the late Ricky Nelson's "Hello Mary
Lou," "Goodbye Heart," as "hard rock,"
when classified by the CRTC's system. The
station insists those tunes are "easy listening."
BC Vanderhoof 95.9 CIRX-1 (CIBC-1), c, a
CIRX relay
(103.9)
SO Guaymas 106.9 XHGUA (from XHQUA/
SO Hermosillo to 100.3 XHSD after all (not XHSR;
"The announcer must have stumbled on the
"D-5-18" (FM 106.7)
SO Nogales 105.9 XHNES (from XHNS-
"All these call letter changes are getting ridu-
cious. There should be a freeze on these. When
you have call letters for 30 to 40 years, it's sad
to see them go. ... CBC [Canada's] lack of IDs
is bothersome. Not sure of station on frequency
or location when using FM tuners having
analog dials."



Facilities Changes Granted

- AL Madison WJAM 97.5 (from 103.9) 2100 h,v;
119 m
AL Montgomery W296A1 107.1 has WFSU 94.1
Unit on Springs on ID, not WKXX 106.9
Birmingham
AL Tuscaloosa W261AD 100.1 has WSLY 99.3
York AL, not WACR-FM 103.9 Columbus
MS (100 h,v)
AZ Bullhead City KFLG 102.7 734 m (53-
AZ Lake Havasu City K280DL 103.9 has KDKB
93.3 Mesa, not KTOT 101.7 Big Bear Lake
CA
AR Texarkana KOSY-FM 102.5 100000 h,v; 140
meters (130 meters)
CA Apple Valley KZXY-FM 102.3 2000 h,v;
CA Bakersfield 107.1 100 m (3000 h,v)
CA Idyllwild KATY 101.3 78 watts h,v; 488 m
CA Paso Robles KDDB 92.5 4400 h,v; 468 m
CA Placerville KHTN 92.1 1410 h,v; 144 m
CA Tracy KYBB 100.9 100 m (3000 h,v)
CA Victorville KVVQ-FM 103.1 94 watts h,v;
437 m (3000 h,v)
CA Visalia (new) 96.1 91 m (h,v)
CO Grand Junction KPRN "89.5 376 m (10000/
KJYE 107.9 398 m (100000 h,v)
GA Augusta WAGC "90.7 25000 h,v (122 m)
HI Hilo KIPA-FM 100.3 74000 h,v (157 m)
HI Honolulu KCCN 100.3 100000 h, 81000 v,
559 m
ID Coeur d'Alene KCDA 103.1 2350 h,v; 575 m;
62 (h,v); 84 m, C2
IN Rexburg KQOT 98.1 (from 98.3) 25000/
ID Terre Haute WISU "89.7 13300 h,v; 156 m
KS Osage City K2CZ 92.9 (from 92.7) 36000
h,v; 172 m, C2
KY Jenkins W1FX-FM 94.3 2800 h,v; 455 m, C2
KY Mt. Vernon 102.9 3000 h,v; 100 m, grant
rettlement to W. S. Daugherty (h,v)
KY Russellville WBRV 101.1 393 m (100000/
LA Opelousas KFND 105.9 1700 h,v; 131 m
LA Tigre KISY 103.5 (from 98.3)
ME Rockland WMMC 103.3 (from 93.5) 7000
h,v (186 m), B1, having changed frequency
three weeks ago. Expecting to get permission
to become a full B this month. Format change
to (classical), \$ (large)
MD Annapolis WHFS 88.1 137 m (50000 h,v)
MI Detroit W1LZ 98.7 141 m (50000 h,v)
MI Interlochen W1AA "88.7 72000 h,v; 373 m.
\$ still on 88.3.
MI Muskegon WSNX-FM 104.5 31600 h,v, 30300
v, 189 m, d-a (directional antenna)
MN Brainerd K20BBQ "89.5 (from K2698B
101.7), on air and "we increased the height of
it." "It is installed on our (channel 3)
translator tower at a height of 91 meters. It
really gets out, using four yagi antennas
horizontally polarized, at equal spacings from
each other. You can have the extra 50-ohm
transmission line that we have left over" (for
W260CT Hermantown MN)
MS Ackerman W1CA 107.9 307 m (100000 h,v)
MO Perryville (new) 106.7 (not 93.1)
MO West Plains KKDY 102.5 (from 102.3) 50000
h,v; 149 m
MT Billings KOHZ 103.7 146 m (100000 h,v);
calls not "KOOK," as on pp. 155, 179 FM
Atlas-12. NonID: "Cozy"
NV State Line K224CA 92.7 has KQPT 100.5
Sacramento NV, not KTMX 107.5 Calusa
NH Berlin WZPK 103.7 directional at only 163 m
from WKNE-FM Keene, which is a B.
NJ Glassboro WGLS "89.7 30 watts h, 120 v; 57/
NM Albuquerque KUNM "89.9 (from 90.1)
NM Espanola KMIO 102.3 820 h,v; 194 m
NC Elizabeth City WRVS "89.9 (from 90.7)
41000 h,v; 70 m
NC Manteo WVOQ 99.1 150 m (50000 h,v)
NC Moyock WOFM 92.1 18500 h,v; 118 m, B1
OR Florence KLCX 104.7 709 m (63000 h,v)
PA Clark's Summit W205- "88.9 (from W206AB
89.1). Has done well in testing on this

frequency, and expected to get the nod to
stay on 88.9. Main station in Sweet Valley
even heard testing in stereo for two weeks,
but back to monophonic "due to multipath"
PA Schnecksville WXLV "90.3 670 h,v; 54 m
TX Beaumont KZBB-FM 95.1 305 m (100000
h,v); format to rem, "adult contemporary"
and "Y-94."
TX Georgetown KQFX 96.7 (from 96.5) 28500
h,v; 199 m. Not "KOFX," as on p. 163 FM
Atlas-12
TX Orange KCMY 104.5 345 m (100000 h,v)
TX San Antonio KSTX "89.1 100000 h,v, 200
m, on with that power; TU, 67, telemetry SCS
TX San Saba KBAF-FM 97.1 (from 96.7) 1600
h,v; 120 m; to change calls to something else
TX Snyder KSNY-FM 101.7 90 m (3000 h,v)
TX Waco KTKS 99.9 504 m (100000 h,v)
VT Montpelier WNGS 104.7 (from 96.7) 1200
h,v; 638 m (3000 h,v; 100 m
VA Christiansburg W1NR 100.7/
VA Marion WOLD-FM 102.5 (from 102.3) 220
h,v; 367 m
VA Norfolk WHRO-FM "89.5 223 m (23000
h,v)
WA Centralia KCED "91.3 1000 (h); 22 m
WA Cheney KEYF-FM 101.1 412 m (10000
h,v) (m, d-a)
WV Morgantown WWVU "91.7 2600 h,v; 55/
WI Milwaukee WLZR-FM 10.9 132 m nondirec-
tional (50000 h,v)
WI New London WQZZ 93.5 50000 h,v; 150 m
WI Waukesha WML 106.1 20000 h,v; 232 m
WY Casper KTKL 106.9 586 m (100000 h,v)
NT Rankin Inlet CBQR "105.1 100 watts.
"Broadcaster" Spring '89 Directory says
town is "Kivalik," with mailing address
still in Rankin Inlet
SO Benjamin Hill (pronounced "Benhamen
Keel") XHHL 90.1 (from 88.1), gives calls as
"XHHL"
"that I noticed in one quick glance at
AL/GA/MS of FM Atlas. Looks good."
"Thank you for renewing my subscription to
FMEdial and for the new FM Atlas. Some-
again you did a great job on it, and I can't tell
you how much easier it is to have a book in
front of me with stations listed. It becomes a
hassle to search frantically through all of my
old newsletters every time I pick up a new
station."

See Also Aug. VUD For

- AL Evergreen W1KX 93.3 K 93-3 nonID,
Falconer, p. 59.
KS 99.3 KANZ or KZNA. This is most likely a
translator; see my FM Atlas for likely
prospects, Allen, p. 46.
KS Phillipsburg KQMA 92.5 are the correct calls;
off air KKAN-FM is to be on "95.3 or 95.3
without the ".
LA Galliano KBAU 94.3 Bayou nonID, Allen,
p. 45, Sittel, p. 44. [It stereo?
MO Hurlock WAAI 100.9 k, Fela, p. 61, Is/
MN Atwater KYRS 94.1 k, also believed to have
r, so make it k, Pugh, p. 39. [p. 61
MS Taylorville WBBN 95.9 B-95 nonID, Fela,
MO Bethany KAAN-FM 95.5 Can Country
nonID, Bugaj, p. 62. Note that this station is
still monophonic. IID, Bugaj, p. 62.
NE Columbus KLIR 101.1 Softrock 101 non-
NM Albuquerque KUNH now on "89.9 (from
90.1), Pugh, p. 39, Strobel, p. 57.
NY Boonville WBRV 101.3 and Lowville WLLG
99.3 combined programming. "Station
News," p. 62. I heard something about this on
the convention trip, but have yet to go thru
those notes. Both have stereo. [Pugh
ND Bismarck KODY 94.5 is the tentative p. 39./
OH Cleveland Heights WRQC 92.3 Hot 92
nonID, "Station News," p. 62.
OK Stillwater KSPI-FM 93.7 (from 93.9), p. 40.
OK Vinita KITO 96.1, not Clinton MO, McVey,

p. 40.
PA Dallas 93.7 calls are WDLN, not "WBLS,"
Nordquist, p. 58. Also see "Station News,"
p. 62 about this one.
SD Winner KWYR-FM 93.7 should be r, not m,
unless a mellow song was played, McVey,
p. 40.
TX Paris KOYN 93.9 is stereo, Buntin, p. 46.
TX Pearsall KWVG-FM 95.3 now without stereo,
but the station simply employing good
engineering and shutting off the Stereo when
broadcasting news? Strobel, p. 57. Thanks,
Ralph, for recognizing me as the first DXer to
have logged 1000 stations (p. 57).
TX San Angelo K91L-FM 93.9 B-93 nonID,
Sittel, p. 44.
VA Cape Charles WKSU 96.1 gr, Fela, p. 62.
PO Montreal CJHP 91.3. Note this ephemeral
station, which had stereo, Gauthier, p. 55
SK Regina C1ZL 98.9 r, "classical hits," Jefferson,
p. 42.
CKIT 104.9 K-105 nonID (not "Stereo 105"),
Jefferson, p. 41.
Mancuso, Gus, p. 49. I don't always agree with
Gus, but this time he's right on target
regarding bandcans. I think stations counted
on a bandcan should be what you hear
regularly—and not theoretical "regulars,"
such as stations that would be there in the
absence of locals.
Remmer, Les, p. 70. "Feedback." I identify
myself as one of the principal targets of his essay.
If he came to the 1989 convention on he might agree
with one of my roommates at the motel, who
bought two Atlases from me, that can be "too
pushy." "Ah yes, the money changes there in full
evidence. Another member was selling car stereos
there. Regarding 1987, I was too busy to write a
report of the convention held at my place,
thinking that the pictures would be part of
somebody else's column. Dave Nieman does
the Photo News column, and it is possible some may
yet appear. The tapes have since been erased, but
what's wrong with charging for them? They
represented over 12 hours of my time to edit,
transcribe from reel-to-reel at 7 1/2 ips to cassette
and label the cassettes. Other organizations, such
as the National Association of Broadcasters,
charge for tapes of sessions. And National Public
Radio and PBS charge for transcripts, so why
can't the WTFDFA? This club is that, only a club.
It is not legally set up as a nonprofit organization,
and does not even have a permit qualifying it for
nonprofit mailing. Our members can charge for
things, and as one of the principal "offenders," I
will defend that practice. We are not getting paid
as editors, so anything we do on our own that
promotes the hobby (or even our personal greed)
should be encouraged. I told others at the
convention if they can devise ways of turning a
profit from this hobby they should. I have much
to be grateful for with the WTFDFA, for it has
been responsible for our livelihood. DXers have
been supportive of my various publishing and
electronics endeavors and made it possible for
our family to have income when the college
teaching field dried up. By making publications
like the FM Atlas commercial, rather than club
enterprises, you will find some out more
frequently. The club's TV Station List has not
been published since 1987, while I have had two
FM Atlases since then. FMEdial is a spinoff from
the FCC-FM column, and really I have been
rather disappointed that it has not been widely
subscribed to by the club membership. I know I
am competing with myself in doing the FCC-FM
column, but find it fairly convenient to do so,
since the material is in the computer anyway, and
by doing so I hear from reporters who read only
the VUD.
As editors, we are not like the physician who gets
paid very well for writing a daily newspaper
column, and then has the audacity to include

Buy Elving's Leg Cramps Book!
plugs for brochures that you can buy on curing
such afflictions as leg cramps. Now, if you want
to end your problems with leg cramps, and since
I am a doctor, just send me \$300, and I will write
a brochure on curing that disease! But seriously,
if you are into TV or FM DXing, you should avoid
yourself of the aids which I and other club people
provide to enhance your enjoyment of the
hobby. I think you will find our prices to be fair,
and not "rip offs." I am glad to advertise my
publications, and have taken half- or full- page ads
in the VUD in the past. Anybody is able to do
this, as well as to advertise in the free "Station
Break" column.

Stereo, or to Be Stereo

CA Greenfield KSUR 99.5, testing with carrier
FL Panama City Beach WPCF-FM 100.1
IN Clinton WPNL "93.9, testing, to be gospel
IN "New Earlie" WGTC 102.3, k, ID with South
Bend-Earlehart, "Country 102" (not strict)
IN Royal Center WHZR 103.7 r, testing with no
ID
KY Nicholasville WKCU 102.5 s, rap, "U-102"
LA Erwinville KPAE "91.5, with Baton Rouge
ME Bath WMO5 "95.3. "Because WMO5 is a
Class D station, we must move because of the
Topsham ME 95.5, 15 km away. ... We can
move to 100.7, but there is a possibility that
we may go to 100.5 if WKZS (99.9 Auburn)
gives us a waiver."
ME Mexico WBTM 100.7, with WUMF at
Farmington only 22 km on 100.5, a Class D.
WUMF may have to move, as WBTM is
"breathing down their neckline. ... They are
not running during the summer, and WBTM
just came on the air."
ME Waterville WMMB "90.5 at Colby College.
"they have a couple of audio priems in front
of the Orban."
MI Lakeview WRIZ 106.5 r, satellite-fed, ID
with Stanton-Newsday, "Star 106.3" (not
strict)
MN Preston KFIL-FM 103.1. Stereo pilot on, but
no on-air references to "stereo"
NY Big Flats WGMN 97.7, b, "Gem 97.7"
NY Elmira WCIM "90.3, more contemporary
than WPEL-FM "96.5 Montrose PA, but not
rg. "They play very little Amy Grant." Dual
ID with WCIC "103.1 Bath NY
NY Vestal WNXW 103.3
NC Morehead City WOTJ "90.7, g on air
OK Ketchum KGMD 107.5, k (country)
PA North East WRKT-FM 100.9 r, "Rocket
101," having been all Beatles
PA Susquehanna WKGB 92.5, r, AOR, ID with
Binghamton (NY). Only mentions Susquehan-
na on the hour; otherwise, it's only Bingham-
ton that's alluded to. Studios are at a
shopping center 16 km from Susquehanna,
just off I-81.
PA Tunkhannock 107.7, new, to be \$ FCC and
FAA had a disagreement on station's tower
site, but FAA's original OK of the site will
stand
TX Plainview KKYV-FM 103.9, k
ON Owen Sound C1XX 106.5, 172 m (100000
h,v). "We expect to be totally digital in the
near future, using Digital (the Sony Beta
format)."
PO Chicoutimi CFIX 96.9, English rock./
PO Jonquiere CHOC 92.5
SC Chihuahuah XHSU 106.1, m
"Swan River MB (population 3742 in 1980) is
surely the largest U. S./Canadian city without
any radio or TV signals ("primary signal
coverage") whatsoever, not even a 40-watt
LPRT."

Monophonic

- CA Chester KCMT 98.9, temporary?
ME Farmington WKTJ-FM 99.3
ME Dover-Foxcroft WDMC-FM 103.1 also mono,
"because they are poor and simulcast with

the AM," with no plans to go \$
MN Minneapolis KTIS-FM "98.5 temporary
mono. "Equipment problems caused them to
put out signals on 96.1 and 100.9."
TX San Angelo KTEO-FM 93.9, still k. Stereo
outage may be temporary.
"Your FM Atlas just keeps getting better and
better! It is very informative, accurate and
useful. ... One map that amazes me is that of
my native Massachusetts. As a kid growing up
in the sixties, I had only one FM station to
listen to in my area (Cape Cod). That was
WGBX-FM 94.9, which played strictly middle-
of-the-road music—not what I kid wanted to
hear. Today there are 13 FM stations on "The
Cape" plus one each on Martha's Vineyard
and Nantucket Island" with all conceivable
formats.

Format Changes

Formats are the same as in the "FM Atlas"
AL Andalusia WAAO-FM 104.7 k, \$
AL Citronelle WKOR 101.9 k, "Kicker FM"
AL Dothan WGTB "89.5 g, WKOR, WGTB \$?
AK Fairbanks K1NQ 95.9 remove format, stereo
listing, as station remains off the air
AR Malvern KBOK-FM 93.3 k (country)
CA Los Angeles KLOS 95.5 rp, album rock
KKG0-FM 105.1 cj, with classical 7 a.m. to 9
p.m. AM in Hesperia does not go classical, but
remains jazz.
CO Alamosa KRZA "88.7 r, \$
CO Denver KBPI 105.9 rp, album rock, not p
CT New Britain WRCH 100.5 jr, "Lite 100.5,"
with B format going to its AM
DC Washington WETA-FM "90.9 goes 24 hours,
with MN Public Radio's "Music Through the
Night," from 1 to 5 a.m.
FL Grotto WGOV 106.7 to be rm, adult
contemporary, \$ (stereo), but "still not on
and not heard testing recently."
FL Lakeland WMOF "91.9 g, Stereo?
FL Tallahassee WMLP "90.5 jr, also gospel,
blues, reggae, classic black oldies
GA Atlanta F1XK 94.9 mj, with nighttime jazz
IL Aurora-Naperville WKCD-FM 95.9 mr, "K-
Lite 95-9"
IL Carthage WCAZ-FM 92.1 r
IL Chicago WFYR 103.5 (oldies), "103
PointFire"
IL Elgin WEPS "88.9 r, mono
IL Elmhurst WRSE "88.7 jp, jazz days, p nites
IL Glen Ellyn WDCB "90.9 jc, "no rock"
IL Joliet WCSF "88.7 p," "some religion,"
Reporter unsure of its stereo status.
WLLI 96.7 m
IL Lansing WLNK 106.3 sj, ID with Chicago
IL Litchfield WSMI-FM 106.1 rk
IL Macomb WMB "88.3 rs
IL Mendota WGLC-FM 100.1 no daily polka
IL Quincy WQQC "90.3 pc
WZLZ 103.9 r
IL Rock Island WVIK "90.1 k, no p
IL Skokie WTMX 101.9 rm, "Mix 102"
IL Woodstock WAIT-FM 105.5 r (oldies)
IN Covington WCDV 103.1 r (oldies), ID with
Danville IL [listening nights and weekends"
IN Crown Point WWJY 103.9 rb, "EZ/
IN Delhi WJNY 102.9 mk, "Joy 103"
"Say Fex"
IN Indianapolis WPPZ 95.9 s, \$, "Heart and Soul"
IN Indianapolis WXTZ 103.3 mr, "Lite 103"
WXTZ? (not a nonID). "This is not b."
IN Spencer WSKT 97.7 k, "Hot Kickin' Country"
KY Jackson WJSN 97.7 k, "D-106"
LA New Roads KQXL 106.5 s, "heavy metal.
MD Baltimore WHYY 96.7 p, "heavy metal.
Poor coverage (mainly in the downtown area)
and hours"
MA Great Barrington WBB5 105.1 mr, \$, "The
Berkshires' Bright Lite"
MI Dearborn WNIC 100.3 rm, "Most successful
of Detroit area adult contemporary stations"
MI Detroit WJLB 97.9 sr

MI Holland WKLO 94.5 still r, but taking out the soul/jurban/disco, and promoting the fact through racist-sounding ads/slogans: "We took the rap out of Grand Rap-rap-rapids. Dump that rap crap!" The "KLO promo has aired for two weeks. All the station's faithful listeners now know what is and is not being played on 94.5 FM." (strict)

WY Jackson KZJH 95.7 r, \$2
PQ Val d'Or CJMV 102.7 r, \$, "French."
"The FM Atlas continues to be extremely helpful."
"Keep up the good job of publishing the FM Atlas—really enjoy it." (so far)

PA Waynesboro WAYZ-FM 101.5 missing from p. 121. Is s, k, 38 km
SC Hampton WBHC-FM 103.1 missing from p. 178. Is mono, 3000 h, v; 100 m
SD Pierre 103.1 KEZVZ add to p. 52

ME Bangor WHSN *89.3 not yet 4700 watts; still 100 watts. It is "located at Husson College, but run as a boarding school."
ME Biddeford WYJY 94.3, shown as a B1, but still running only on 3 kw. "I understand they ran into problems with the land."

strict; from "Hit-105"), ID with Granite Falls
MO Booneville KDBX 99.3 no SCS (had FM, 67)
MO Branson KRZK 106.3 no SCS
MO Centralia KCMFC 92.1 TU, telemetry, 67

WA Spokane WHSN *89.3 not yet 4700 watts; still 100 watts. It is "located at Husson College, but run as a boarding school."
ME Biddeford WYJY 94.3, shown as a B1, but still running only on 3 kw. "I understand they ran into problems with the land."

NY Manhattan WJVA 94.3, shown as a B1, but still running only on 3 kw. "I understand they ran into problems with the land."

OH Greenview WDRK 106.5 [ago]
PA Avis-WHQE 99.9, after testing three months/PA Ridgely WMBK 96.9, but expected on soon
SC Aiken WLJK *89.1. "CRSA Public Radio, Hepzibah GA, applying for 88.5, is being fought by WJBF-TV Augusta, channel 6."
SC Ellenton WMTZ 102.7
WA Everett KSER *90.7
ON Kingston CFR-CF *101.9, still on 91.9
ON Orillia CBCC *91.5, still on 105.9

AR Cherokee Village K257AQ 99.3. No longer on FCC lists, and "neither KWFC or IAM/Music (in Springfield MO) knows about this."
ID Wallace KINW 100.7
ME Biddeford WBSF *91.7. "They have been off since 1981. The c-p expired for the higher power and they abandoned the 10 watts."

NY Brockport WBSU *89.1 "on new frequency as of 5-17. Now interference from 89.3 (WGSU WGeno), which is in the same county." [106.9 Camden NJ]
PA Muncy W215AF *90.9, relayng WKON/SD Loyal KPSD-FM *97.1
SD Faithy KOSD-FM, both with s. "All SPDR stations broadcast 24 hours per day, seven days a week. As part of a cooperative agreement with the Minnesota State Services for the Blind and MPR, South Dakota Public Radio distributes "The Radio Talking Book" programming statewide via SCA [67 kHz]."
MB Winnipeg CKO-FM 97.9, all news in pseudo-stereo

VA Winchester WINC-FM 92.5 Wink 92.5
WV Romney WPBB 100.1 "Jiff-100," or "something similar"; may be getting new calls
WY Laramie KRQU 102.9 New Rock-U
ON Windsor CKMR 93.9 93.9, More 94 FM (not strict)

On Air (Selected)

CT Salisbury WKZE-FM 98.1, "but I can't tell if it has stereo or what the music format is," because of WHWQ 98.1 Binghamton NY
IL Macomb WJQC 102.7, having moved from 103.1. "I wasn't listening [when they made the switch] because they suck!"
IN Fort Wayne WLAB *88.3 still g, \$, but now with 1450 h,v; 28 m. "Leaves a dead carrier on all night! How can WEAX Angola IN survive?"
ME Millinocket WSY-Y FM 94.9, having moved from 97.7. They "did so to get into Bangor, about 96 km away. Guess what? WHOM on Mount Washington NH kind of captures your receiver better in Bangor than WSY-Y-FM!"
NY Brockport WBSU *89.1 "on new frequency as of 5-17. Now interference from 89.3 (WGSU WGeno), which is in the same county." [106.9 Camden NJ]
PA Muncy W215AF *90.9, relayng WKON/SD Loyal KPSD-FM *97.1
SD Faithy KOSD-FM, both with s. "All SPDR stations broadcast 24 hours per day, seven days a week. As part of a cooperative agreement with the Minnesota State Services for the Blind and MPR, South Dakota Public Radio distributes "The Radio Talking Book" programming statewide via SCA [67 kHz]."
MB Winnipeg CKO-FM 97.9, all news in pseudo-stereo

Off Air or Not Yet On

CA Walnut Creek KABL-1 98.1
CO Kremling KRKM 106.3, "only a dead carrier"
CT Fairfield W220AB *91.9. They briefly operated from a new site at Wilton CT, over the objection of 102-watt WLSX 91.9 New Canaan CT. Since WFAA *88.9 Smithtown now gets into the area very nicely, there's probably no need for W220AB. Reporter also checking into the status of W299AL *107.1 Shelton-Bridgeport CT.
FL Lafayette WKXJ 99.9. To serve Tallahassee
FL Monticello WJPH 101.9. "Although only 32 km from downtown Tallahassee, I expect reception to be poor... due to 101.7 Quincy, until they move to 101.5"
IN Valparaiso W216AC *91.1. "For a 100000-watt station, WMBI-FM has a bad signal in NW Indiana"
IN Versailles W0VR 103.1 "went broke"

Deletions

AR Cherokee Village K257AQ 99.3. No longer on FCC lists, and "neither KWFC or IAM/Music (in Springfield MO) knows about this."
ID Wallace KINW 100.7
ME Biddeford WBSF *91.7. "They have been off since 1981. The c-p expired for the higher power and they abandoned the 10 watts."

NonIDs, Not Just Slogans

AL Dothan WRWA *88.7 no nonID, spurning "Way FM"
CA Berkeley KALX *90.7 Cal-X, not "Calyx"
CO Boulder KHII 94.7 Denver's 94.7 The Wave
CO Canon City KRNL-FM Royal Gorge Country FM-104 (strict)
CO Grand Junction KOIX 93.1 Q-93, r, \$
CO Loveland KTRR 102.5 Tri 102
CO Windsor KUAD 99.1 K-99 [Grande?]
CT Hartford WLWV 83.7 Radio Amor (from "La G Roma WQTU 102.3 Q-102.3 FM
IL Chicago WLIT 93.9 Lite Favorites
IL Evanston WJ0J FM-105 (in Spanish)
IL Highland Park WVWV 103.1 Real 103
IL Kankakee WBUS 99.9 The Bus
IL Waukegan WXLC 102.3 Hot 102.3
IN Indianapolis WFBD 94.7 95-Q (not Q-95)
IN Lafayette WZAY 96.5 Z-965
LA Houma KGIL 107.5 Hot 107
MD Baltimore WMMX 106.5 uses false calls, "WMMX" in addition to "Mix 106.5"
MA Fairfax WCIB 101.9 Lite 102
MA Lawrence WCGY 93.7 no nonID, burying "The Rock Garden"
MA Pittsfield WUPE-FM 95.9 FM-96
WBEC-FM 105.5 Live 105 (back to)

OH Piqua- Dayton WCLR 95.7 with West Carrollton. "No Troy was heard."
 WI Fort Atkinson WSJY 107.3 adds Madison WI Rice Lake WJMC-FM 96.3 with Spooner MB Salkirk CFDX 104.1 (having moved from 92.9) with Winnipeg and "Interlake"

AM Happenings Most Likely Caused by FM (selected; more are in FMedia!)

MI Northern lower. "Almost everything is FM simulcast now. Big band and news disappeared (AM never covered northern MI well due to lousy soil and stations on high end with short towers). But the FM dial is 'Detroit-ized' with dozens of stations wherever you go. Almost every (Class A) of 10 years ago is a Class C, and many new As have been born in the past few years."
 MN South St. Paul KMAP 1370 off the air
 MO Joplin KSSC 1230, along with KSSC-FM 98.3 Columbus KS, off the air
 NY New York WMCA 570, former home of the "good guys," d-ies of the 1950s and 1960s, bought by Salem Communications, which operates several religious radio stations across the country, but won't be going g. Instead, it's going all financial talk. That part of the NY AM dial is getting cluttered with special talk stations, including all sports talk WFAN 660.
 NC Wilmington WWIL 1490 off the air
 OH Windsor CKLW 800 "has cancelled plans to improve its 50,000-coverage. Not worth expense to improve the AM transmitter these days."
 AM radio's decline leveling off? RADAR late spring '89 gives identical figures for AM's share of listening—24%—as a year earlier.

Main Channel Abuse:

"It bothers me that the FCC allows the same organization (MPR) to have two 100 kw FM stations in the same city of license (Collegeville MN). If they had the money and the other stations agreed to it, could they buy all the stations below 92 m? I assume the FCC does not allow a company to own two commercial FM stations in the same city... If not, why the difference?" [There's probably no difference. Cases in point are the crossownership between commonly-owned stations in the commercial parts of the dial and noncommercial parts of the dial in both Carson City NV (KNIB-KNIS) and Warm Springs OR (KWSO-KWSI). A technicality, but two commercial entities can now broadcast on FM (and AM) with increased overlap contours, as is now what is going on in Albany NY and Atlanta GA. One resident who lives in Atlanta and gets both Y-104 and Y-106 enjoys the novelty of the same programming at two parts of the FM dial. Sometimes the commercials are the same; at other times, the two stations do separate commercials, so advertisers can buy either Atlanta and the market to the north or Atlanta and the market to the southwest.]

FM Rulemakings Proposed and Granted
 (See this feature in FMedia!)

FM FORUM
 COMMENTS FROM READERS

"There was a comment in the June FMedia! about... "The Dying out of the beautiful music format!" writes James J. Nahirniak of Detroit. He says the ratings services' new "soft diaries" give more credit to "adult" radio stations, "especially beautiful music and soft rock stations most likely to be played at the office. To go after this audience, even album rock stations are softening up, especially in mirt ays. Stations are going out of their way now to encourage office listening, and have special fax request lines... Tell

all broadcasters with new or revamped stations that are looking for a nonID to think digital. A large number of radios sold today have digital readouts, and rounding off a frequency does not match what people see on their radio's digital readouts. If they do round off for simplicity, they will be sorry. After less than one year, 'More 94' now uses the awkward nonID '93.9, More 94 FM' (CKMR Windsor ON). Out of 24 full-power FM stations in metro Detroit-Windsor, 16 stations always use the full digital readout, three have occasional references to it (WHYT Power-96), WJLB FM-98, and WJZZ Jazz-106), and five always round off (WRIF WDET, WMUZ, WOMC, WORS).

"Concerning *107.9 KA2XXE Columbia FL, 'Disney Radio' as reported in the June FMedia! What kind of station is this with those call letters? It's not a regular broadcast station, and not a translator or booster." [It is experimental, and probably other people with similar ideas could get such licenses.]

"In the spirit of 'Disney Radio', I'm going to call my station 'Goofy Radio'. By your description, it sounds like one continuous advertisement for a private business, not travelers information. Maybe I can open such a station, then sell ads for local entertainment events—same as they are doing, right?" [The difference being that KA2XXE apparently does not sell ads to outside parties, but that could change, knowing the FCC's penchant toward deregulation.]

Rochester's Scott Fybusch found that local WFRW "88.1 Webster NY is finally shown in the Rochester papers, although under their office address, "Palmyra" NY. "They have no facilities in Webster itself. Palmyra is on NY Route 31."

Art Vuolo, Jr., "Radio's Best Friend," sent several of his latest "Radioguides," covering Chicago, Los Angeles and New York. Look for them or send a buck to Art for a bunch of samples at 16155 W. 12 Mile Road, Southfield MI 48076.

Radio news consultant Jim Cameron reports back from the Philippines, where he has been on a teaching assignment. He finds that radio has the greatest reach of all media there (89%) and the most stations (338). The Manila FM dial is crawling with English-only formats of classical, new wave, light rock and jazz. "Following the US model, it is FM listening which is gaining in dominance, leaving AM owners scrambling for ever-more-outrageous formats in an attempt to hold audience." His seminars showed journalists how radio could be first with the story as a reporter rather than a re-writer, using the telephone.

"Technologically, visiting a Philippines radio station is like stepping back in time. Old radio gear from the US never dies—it just gets rehab'ed and shipped to Manila. Card machines were in use, but almost never in the newsroom. Most taping there was done on cassette with playback on-air being done thru a boom-box patched into a rickety, rotary pot board. Reel to reel machines existed, though few had splicing blocks." He said many stations ran 30 minutes of spots per hour in drivetime! "Most newsrooms had typewriters, though typing skills among the seminar participants were rare, most instead writing their news longhand. Newsroom computers were just a good rumor." He went on to describe problems of news ethics, rumor, payoffs, and low salaries. News on

FM is suffering there from the same fate as on music-radio stations here, while the AM band in Manila "is brimming with talk shows," ranging in their political stripe from pro and anti Marcos, pro-business, pro-church, and comments come freely within newscasts, not just during talk segments.

Also included was an obituary for an FM pioneer, Elliott M. Sanger, 92, long



The New York Times, 1981

Elliott M. Sanger time general manager and co-founder of WQXR-FM and AM New York. "He was an early advocate of FM broadcasting, likening the airing of a concert on the lower-fidelity AM band to viewing a great painting 'through a curtain of gauze'. In 1939, WQXR became the first FM station in New York city and presented the first regularly scheduled FM program in the country." He also pioneered the QXR network, remembered by another of this rag's readers, who called, Obviously a person over 50, he recalled the early days when WQXR-FM was relayed directly from one FM station to another in upstate New York via the Rural Radio Network and various affiliates, such as WHCU-FM 97.3 Ithaca.

New York's Bob Richer appreciated my help in tracking down the early W2xεA tapes. "Pretty bad quality, but historically of great significance." He included an excerpt from a three-part piece in the "New Yorker" discussing a relationship between electromagnetic radiation and deaths among amateur radio operators by leukemia. Nearly three times as many of the radio operators died of myeloid leukemia as would be expected in the general population. "This was significant, because acute and chronic myeloid leukemia are known to be caused by exposure to ionizing radiation." The controversy is what, exactly, is a safe level of exposure to harmful r-f radiation? Engineers working in close proximity to powerful transmitters and antennae are probably in more danger than the general population, but what of people living, sleeping and eating with one or more strong radio or TV towers piercing their signals through people's windows and at their very flesh? And this is fulltime, 24-hours-a-day electron bombardment, not the occasional hobby type thing when an amateur radio transmitter is turned on, albeit at close range.

73ily,

Television news

Bill Fahber, editor
 336 Atlantic Street
 Bridgeton, NJ 08302

ABBREVIATIONS USED IN THIS COLUMN:

- AATm Height (meters) above average terrain
- AG Antenna height above ground
- ASL Antenna height above sea level
- AZ Azimuth (North=0°)
- BT Beam Tilt
- CIR Circular polarization
- CP Construction permit
- CRTC Canadian Radio-Television and Telecommunications Commission
- DA Directional antenna
- ELL Elliptical polarization
- ERP Effective Radiated Power
- FCC Federal Communications Commission (USA)
- HOR measured along a horizontal plane
- MAX In the direction or elevation of maximum signal strength
- MP Construction permit modification
- TL Transmitter or tower location
- + carrier frequency offset 10 kHz above standard
- carrier frequency offset 10 kHz below standard
- z carrier frequency not offset

APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
AL	60	1500	374	Dothan; Marcum Broadcasting Corp.
TX	13	3.37	647	Lewiston; Big Horn Communications
MT	43	5000	296	Bay City; Faith That Pleases God Church, Inc.

CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
GA	58	5000	484	Perry; Perry Television Inc. (initial decision)
ME	35	1000	530	Lewiston; Kennebec Valley Television Inc.
NJ	62	5000	142	Atlantic City; Garden State Communications
TN	50	5000	244	Memphis; Kyles Broadcasting Ltd. (Third time in 4-year fight)
TX	16	12.7	85	Eagle Pass; Juan Wheller Jr.
TX	2	100	193	Fredericksburg; Stonewall Broadcasting Inc. (init)
WA	24	100	296	Pullman; P-N-P Broadcasting Inc.

APPLICATIONS DISMISSED

AL	Tuskegee; ch. 22; Tuskegee Television.
GA	Perry; ch. 58; Radio Perry, Inc. (initial decision)
IL	Sparta; ch. 48; Rita Wyse. (Returned; too close to St. Louis? Frozen channel?)
ME	Lewiston; ch.35; Sebago Broadcasting Co., Inc.
NV	Las Vegas; ch. 15; North Las Vegas Broadcasting Co. Inc.; Sainte Ltd.; Televentre Broadcasting Inc.
TN	Memphis; ch. 50; Burwood Broadcasting of Memphis Ltd.; EAM Broadcasting Co. of Memphis.

TX Fredericksburg; ch. 2; Fredericksburg Channel 2; Frontier Broadcasting Inc.; Global Information Technologies Inc.; Hal S. Widsten; TexStar Communications Ltd. (initial decision)

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
IL	46	5000	345	East St. Louis; WVCL (again??)	
MN	45	5000	191	Minneapolis; KVMB-TV (amended)	
OR	31	6	691	Klaath Falls; KDKF	
UT	16	4000	703	Provo; KZAR-TV (thought their CP was cancelled!)	

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
FL	63	3176	310	Boca Raton; WPPB-TV	
FL	9	316	149	Islamorada; WIEB	
FL	67	1684	150	Lake Worth; WHBI	
TX	49	4082	306	Conroe; KTFH	

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
GA	49	1611	246	Bainbridge; WTLH (cp)	
MO	3	100	339	Kirkville; KTVO (cp)	
NY	7	316	440	Carthage; WNNY-TV (cp)	
OH	53	2000	199	Chillicothe; WWAT (cp)	
PR	54	1500	600	Arecibo; WCCV-TV (cp)	
TN	61	5000	376	Chattanooga; WDSI-TV (cp)	
TX	2	100	412	Denton; KDTN (2nd MP since station signed on)	

CHANGES GRANTED STATIONS ON THE AIR

DC	Washington; WRC-TV, ch. 4; granted CP to change antenna to 191m AAT/143m AG/261m ASL, which is only 3 meters higher; ERP remains at 100 kw max; same TL.
FL	Lakeland; WTHV, ch. 32; granted CP to reduce ERP from 3039 kw max to 2954 kw max; 331m AAT/324m AG/371m ASL (61 meters higher); same TL; looks like a tradeoff to me.
IN	Fort Wayne; WANE-TV, ch. 15; granted MP to raise ERP from 436 kw max/144 kw hor to 1114 kw max; 253m AAT/246m AG/493m ASL (9 meters lower ASL); TL about 600' WNW from present tower, depending on accuracy of coordinates.
KY	Louisville; WDRB-TV, ch. 41; granted CP to raise ERP from 1150 kw max/303 kw hor to 5000 kw max; 391m AAT/296m AG/589m ASL (reduction of 9 meters); same TL. Looks like better DX for this one.
MA	Lawrence; WMFP, ch. 62; granted CP to raise ERP from 20 kw max to 5000 kw max (Remember this station? They planned to be real powerful, but by the time it went on the air, it had modified its permit to a pitiful 20 kw.); 198m AAT/196m AG/213m ASL (30 meters higher ASL); TL One Beacon St., Boston (about 10 miles east of the Boston stations); coordinates 42°21'29"71"03"40" (Az. 248°, or WSW, 2.6 miles from present TL); If they pull this one off, coastal troops could carry that

signal clear on down the coast.

NC Concord; WUNG-TV, ch. 58; granted CP to raise ERP from 1240 kw max to 5000 kw max; 424m AAT/424m AG/617m ASL (22 meters higher); TL Az. 354° (north) from the intersection of State Hwy 49 and State Road 1309; coordinates 35°21'30"/80°36'37" (Az. 30°, 8.53 miles from present TL). Boost in ERP looks like better DX possibilities.

TX Fort Worth; KFWD, ch. 52; granted license to cover CP for change: ERP raised from 2619 kw max to 5000 kw max; same TL and height.

WV Huntington; WSAZ-TV, ch. 3; granted CP to reduce ERP from 46.8 kw to 42.7 kw; reduce antenna height 18 meters to 388m AAT/308m AG/616m ASL.

NEW STATIONS ON THE AIR

GA Cordele; WSST-TV, ch. 55; went on the air 5/15/1989; 100 kw max ERP; 125m AAT/124m AG/218m ASL; TL Culpepper Road, 3.5 miles southwest of the intersection of Culpepper Road with State Route 7W; coordinates 31°54'15"/83°48'12"; independent station; address: Sunbelt-South Telecommunications, Box 917, Cordele GA 31015.

OR Salem; KUTF, ch. 32; went on the air 5/8/1989; 5000 kw max ERP; 544m AAT/67m AG/1410m ASL; TL KXYQ(FM) antenna, 14.5 miles southeast of Molalla, at High Camp Lookout; coordinates 45°00'28"/122°20'05"; DA BT HOR; independent station; address: Dove Broadcasting Corp., 1154 Madison St. NE, Salem OR 97303.

TX El Paso; KSCE, ch. #38; went on the air 4/15/1989; 50 kw max ERP; 557m AAT/53m AG/1800m ASL; TL KC1K-14 tower, 3.9 miles NW of County Courthouse, El Paso; coordinates 31°48'55"/106°29'17"; DA BT HOR; PBS affiliate (according to one reference, possibly because it is on an assignment reserved for noncommercial educational purposes; I question this, since El Paso already has a PBS affiliate, and this station is owned by a Religious organization. Can somebody add further information on this?); address: St. Clement's Episcopal Parish School, 614 E. Yandell St., El Paso TX 79902.

TX Waco; KCTF, ch. #34; went on the air 5/22/1989; 80 kw max ERP; 155m AAT/134m AG/305m ASL; TL Veterans Administration Hospital, Waco; coordinates 31°30'31"/97°10'03"; PBS affiliate; address: Central Texas College, Box 23434, Waco TX 76702-3434.

WA Bellevue; KBGE, ch. 33; went on the air 5/17/1989; 14.82 kw max ERP; 286m AAT/288m AG/323m ASL; TL Columbia Center, 701 5th St., Seattle; coordinates 47°36'17"/122°19'46"; independent station; address: Gill Communications, 9620 Rainier Ave S, Seattle WA 98118.

FORUM

Small column this month. Not only did I catch up with both the letters and the research last month, but there isn't that much mail or research to be covered this month.

BEN WILKIE (Now living in Geneva NY) reports a network switch in Rochester NY: WHEC-10 will switch from CBS to NBC, making it necessary for WRCC-8 to give up NBC for low-rated CBS. Change

should take place around August 12.

"By the way, I've heard members speak of the 1988 TV Factbook. What is it, when do they publish..for how much, and can I get it????? And, when are YOU putting a new TV Data Base together again, or perhaps a new translator guide."

The TV Factbook, actually published each year, is fantastic, if you can get one. It contains technical data (ERP, antenna height, TL, stereo, satellite facilities, network, etc.) for every station, coverage maps for all commercial stations, gives the station's address and chief engineer, and includes alphabetical list of call letters. Data is also included for all translators, LPTVs, Canadian and foreign stations around the world, and a list of current applications and construction permits for USA stations. But it's an industry publication, and charges industry money for the book. I'm not sure of the exact amount, but you can guess around a few hundred dollars. Your best bet is to find a relatively large library and see if it has a recent edition.

I'm hoping to have an updated NATV data base next summer in time for the DX season. I finally managed to retype and update the USA list by channel and the USA list by state/city. I still need to update Canadian and other nations. I'm also working on LPTVs and xtrs of 100 watts or greater ERP. I still don't know about maps: plotting thousands of stations on those maps is quite a task.

"I think there's a mountain separating me from Rochester, reception from them is never very good, and chs. 21 & 31 are the worst! And yet, in Canandaigua, just 12 miles west, they're all perfect!"

Geneva is just outside the grade A contour of the VHF's, but just within the fringe area of the UHF's. Also, Geneva is in a valley at the base of Seneca Lake, and evidently several hundred feet lower, and much farther than Canandaigua, from the Rochester transmitters. Local contour maps should tell you more accurately what the difference in elevation is.

TOM YINGLING (Dundalk, MD) logged new religious television station WJCB, ch. 49 in Norfolk VA. He also logged a religious LPTV in Norfolk: W40AH, which he thinks is a TBN affiliate.

PAUL GAINES (Detroit MI) sent an interesting article from an undated *Detroit Free Press* about those new indoor antennas that have been mentioned a few times in the VUD. "Far better indoor antennas have recently been produced by Terk Technologies of New Rochelle, N.Y., and Parsec of Wilmington, Del. Both firms offer models based on ideas of Larry Schotz, a young inventor who enjoys the reputation of a wizard among radio engineers, and each antenna has the added advantage of a pleasing and unobtrusive appearance.

"Terk's new model - the one picked by MOMA (Who? -wbf) - is called 'pi,' after the Greek letter forever associated in the minds of geometry students with the circumference of a circle. The name is apt, for the antenna takes the form of a small disk, five inches in diameter and one inch thick. Angling this disk so that its flat side faces in the direction of the

transmitter can greatly reduce multipath distortion.

"Available in gray or white, Terk's pi (80#) fits discreetly into almost any domestic setting.

"So does Parsec's equally handsome LS-4 (#60), a slender, slanting column, dark gray and 17 inches high. Its circuits include a new type of transistor that employs gallium arsenide in place of the customary silicon, making its sensitivity the highest among models currently available.

"In a test recently conducted by an independent laboratory in Great Neck, New York, the Parsec pulled in 38 stations under the most difficult conditions, being positioned in a ground-floor room. By comparison, a large roof antenna advantageously positioned 30 feet higher pulled in 50 stations. The difference is smaller than one would expect, attesting to the new indoor antenna's effectiveness. When used in an upright position, the Parsec accepts signals from all directions. If laid flat, it becomes directional and can be aimed at specific stations. In that mode, it also blocks disturbing multipath reflections.

"Both the Terk and the Parsec antennas have internal amplifying circuits and must therefore be plugged into an electrical outlet."

BILL DRAB (Kewaunee WI) sends news from his area: "In Iron Mountain, Mich. WPNE-38 is now on ch. 54 (translator). Since the translators were 'shaken up' there (moved to different channel numbers) about a year or so ago WPNE was deleted in favor of WNHU-13 but now WPNE is back on there also. This was first noted on 6/4.

"On 6/3 W22AJ Waukegan, Ill. started running 3/4 color bars 24 hrs a day (that's when I first noticed them). They identify in morse code but it isn't very audible and I only noticed it once, on 7/1, when it was given twice in succession at 0452 when they were snowfree and there was full quieting on the audio. They don't have any kind of audio, except for the I.D. when it is given. If the picture is snowy and there's lots of noise in the audio, I doubt if the morse code I.D. could be heard. They are still running 3/4 color bars today (7/9/89 -wbf).

"W24AI which was mentioned in the July VUD is pretty weak here unlike W22AJ. W24AI is usually buried under WCGV-24 but on occasion override them.

"On 6/21 I noticed W46AR from Milwaukee WI. They run 3/4 color bars w/call, location & Weigel Broadcasting on the slide. They aren't on all day but just afternoons & evenings w/color bars. No programming yet.

"On 6/30 W33AR in Rockford Ill. was noted, snowfree. They carry WC1U-26. I've seen them a few times since.

"On 7/2 I saw KSWK-3 Lakin, Kansas (educational station). On their I.D. slide K00D-9 was also included. Perhaps KSWK-3 is a satellite of K00D-9, any ideas?" (In some cases the main PBS station operates satellites, but I think most of the statewide PBS networks originate programming from a main studio and feed the signal to all their stations. All the stations are on an equal status, and the programming covers the entire state equally. With satellites, the programming emphasis is on the primary station's city of license. -wbf)

"This morning (7/9) I noticed some of the CBLN repeaters were in on chs 40 & 45. They usually run 3/4 color bars with no call of any sort but today I noticed they started to include the call letter CBLN on the lower right of the color bars. White letters on black background."

RANDY MILTIER (San Jose CA) sent an article from

the 7/6 *San Jose Mercury News* about the FCC one-to-a-market rule. As you may remember, the merger of ABC and Capital Cities created several situations where one company owned more than one broadcast station in or near the same community. "In March, the FCC loosened the rules that prohibited a company from owning both a radio station and a television station in the same television market, saying that the commissioners would look favorably upon waiver requests involving radio and television station combinations in the 25 largest U.S. broadcast markets. The commission said it would grant waivers if there were more than 30 separately owned, operated and controlled broadcast licenses in a market."

BILL LINDSAY (Lynnwood WA) sent a copy of the advertisement for the auction of KONG-TV, and evidently the station is being sold in parts. From the 7/10 *Seattle Post-Intelligencer*: "KONG-TV & Others" "New vertex 4.57 Meter Satellite, Rcvg Dish w/Feed, Supports, Duct Work, Hdwe; (2) New Macom Sat Rcvrs; (20) Hdwe Cabinets; Desks; Chairs; Files; Wang Comptr; Terminals; Printers; Copiers; Typewriters; Calc; Ofc Supplies; (7) Tanning Beds." I wonder who the tanning beds were for.

DAVE SINCLAIR (Vancouver, B.C., Canada) sent in some articles from the *Globe & Mail*. From the 6/27 issue: "There will be a rerun of history in Hull this morning as the federal broadcast regulator begins hearing competing bids to launch a new independent English-language television station across the Ottawa river in the nation's capital. The hearing comes a little more than two years after the regulator - the [CRTC] - awarded a license for an Ottawa independent to Toronto-based Baton Broadcasting Inc., the most powerful member of the CTV Television Network. In a highly unusual development, Baton ultimately returned the license to the CRTC, choosing instead to buy the Ottawa CTV affiliate, CJOH-TV. The move defused a potential bombshell within CTV - the upset had sparked several appeals to the federal cabinet - over the prospect of having the network's strongest player competing with the network's station in Ottawa.

"This time around, three companies are bidding for the broadcasting license, two of them veterans of the first contest. Returning to the fray are: the City-TV division of Toronto-based CHUM Ltd.; and Metro-TV Ltd.... The new entrant is Capital Canwest Television Inc., a subsidiary of Canwest Capital Group Inc. of Winnipeg, a private company with extensive broadcast interests in Western Canada that is controlled by entrepreneur and former Manitoba Liberal leader I. H. (Izzy) Asper.

"An Ottawa station would be another important step in Mr. Asper's grand strategy of creating a third national network."

And a few notes relating to the television cable industry in Canada. The 7/7 *Province* reports that the CBC is applying to the CRTC for a license for a French all-news cable channel to be subsidized by subscriber fees. The 7/6 *Globe & Mail* reports that several groups of programmers are complaining to Canada's Copyright Board about cable companies' practice of pirating television programs. This could cost cable companies \$15 - \$20 million a year for retransmission rights, which would be paid by the subscriber. I feel sorry for those subscribers, having to pay for everything they don't want and can't understand. Why don't more of them start clipping their cables and take up a hobby. Maybe DXing all those stations they had to pay for.

WESTERN TV-DX

September 1989

Thanks to the contributions of 18 reporters, this month's Western TV-DX is the largest ever! A special welcome to first time reporters Richard Michaels of San Pedro, California and Mike Cherry of Ganges, British Columbia and returning reporter Jim Pizzi.

E skip improved considerably over its lackluster performance in early June. Double hop E skip was noted by Al Tobia on July 7 when WEAR-3 was seen in California at 2008 miles and double hop was noted by Jeff Kadet and Frank Merrill on June 26 when KCRA-3 was seen in Illinois at 1645 miles. Congratulations guys!

Good tropo days (in excess of 500 miles) in the midwest included June 11, 21, 25, 29, 30, July 9, 10, and August 1 and 2.

While it is nice to have a healthy column, I would really appreciate it if everyone would keep his reporting current. An analysis of the amount of loggings in this column which could have been in the August column indicates that about 4 pages could have been shifted to last month for a more balanced loading of my time. Your cooperation will be GREATLY appreciated!

New ___ New Mode ___ Tent. - t Unidentified - unid S/On - + S/off - =
 ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
 Parallel Programming - //

BN Baja California Norte CU Coahuila SI Sinaloa
 BS Baja California Sur NL Nuevo Leon TA Tamaulipas
 CH Chihuahua QU Queretaro YN Yucatan

Frank Merrill, P.O. Box 669, Macomb IL 61455

CDT

Equipment

Combination VHF-UHF antenna (suspected to be the Winegard 8100) at 40'; Winegard combination preamp AC-9990; RG-11 cable 100'. Second tower (a "stub") with used lowband yagi (suspect Finco) vertically mounted at 12 feet with 100' of RG-11 lead-in. 13" Zenith M1310 set (vintage late 70's) with A/B switch. Usually the tall tower is used for tropo and meteor scatter and the short tower used for Es. Sometimes the tall tower is used for Es as well, because Es signals don't always get much vertical polarization in their travels.

May 1989

29 Es 2030 KVBC 3 NV 1352
 2059 KNAZ 2 AZ 1198
 2100 XEPM 2 CH 1068
 2200 KDBC 4 TX 1064
 (Es up to ch 6)
 31 Es 2200 KCWC 4 WY 944
 KIDK 3 ID 1146
 KOWY 5 WY 946

June 1989

2 tr 0400 K54DB 54 WI 195
 (Madison Sportsvision)
 4 Es 2000 KBCI 2 ID 1319
 2300 CKPR 2 ON 562
 5 Es 0659 WPTV 5 FL 1130
 0700 WEDU 3 FL 995
 0728 WPBT 2 FL 1168
 0729 WTVJ 4 FL 1167
 0749 WEAR 3 FL 700
 0758 WKRG 5 AL 694
 0812 unid ch2 Spanish
 (See Note # 1)
 0853 unid ch4 Spanish
 (See Note # 2)
 0926 KNAZ 2 AZ 1198
 tr PM (See Note # 3)
 6 tr 0348 K27CV 27 IA 95
 (Ottumwa WHO -13)

6 tr 0400 W28-- 28 ??
 (See Note # 4)
 0800 WCOM 68 OH 440
 Es 1652 WESH 2 FL 956
 1657 WPTV 5 FL 1130
 1658 WCPX 6 FL 982
 7 Es 1933 WTVJ 4 FL 1167
 1946 WESH 2 FL 956
 1959 WPBT 2 FL 1168
 8 ms 0407 KJRH 2 OK 410
 Es 1100 WCBS 2 NY 872
 WGBH 2 MA 1013
 WFSB 3 CT 932
 1328 CKCK 2 SK 959
 (With "CKCK" ID)
 1339 CFSS 3 SK 870
 1403 CFAC 2 AB 1344
 9 tr 2200 KHOG 29 AR 359
 KHBS 40 AR 432
 KSPR 33 MO 256
 (Snow free)
 Soon fizzled out
 10 Es 0006 CKBI3 4 SK 1027
 0008 CKBI 5 SK 1125
 0100 CFCN 4 AB 1340
 CFQC1 3 SK 1149
 0104 CKCK 2 SK 959
 0119 CFQC2 6 SK 1200
 0121 KFBB 5 MT 1131

11 tr 0208 WTVF 5 TN 358
 Es 0213 CJBR 2 PQ 1201
 0241 unid ch 4 Canada
 (Reseau Pathonic)
 0242 CFRS 4 PQ 1200
 0253 CBFT2t 2 PQ
 ("Montreal")
 unid ch 2 PQ
 ("T.Q.S.")
 tr 0346 WATL 36 GA
 (Trace)
 0441 WSMV 4 TN 362
 (weather radar)
 (Rare - KMOV on)
 0506 WLOS 13 NC 555
 (Bullseye w/ID!)
 0920 Some Atlanta and
 Chatanooga UHF's
 12 ms 0346 WRC 4 DC 729
 WTTG 5 DC 728
 (With Fox logo)
 WMArt 2 MD CBS
 (Super - 30 sec)
 0416 WKY 3 PA 813
 0429 WOAY 4 WV 537
 (ID slide)
 0523 WEAR 3 FL 700
 Es 1730 KDTN 2 TX 645
 1732 XEFE 2 TA 1028

Western TV-DX

September 1989

Frank Merrill (continued)

20 tr 0525 K54DB 54 WI 195
 W42AF 42 WI 255
 (Ripon STV)
 0555 W64AU 64 WI 250
 (Adams WHRM-20)
 0759 W59AQ 59 MI 395
 (Iron Mountain STV)
 0800 W68-- 68 ??
 (See Note # 7)
 0801 W57AR 57 WI 390
 (Sayner WSAW-7)
 0802 W67AO 67 MI 395
 (Iron Mountain STV)
 0836 W69AB 69 WI 155
 (Darlington WKOW-27)
 Es 1258 WEDU 3 FL 1054
 WPBT 2 FL 1168
 1301 WTVY 4 AL 714
 2050 XHPN 3 CU 985
 2100 KACB 3 TX 818
 2120 KDFW 4 TX 647
 2205 KENS 5 TX 885
 KMOL 5 TX 885
 2206 KIII 3 TX 969
 2216 KMID 2 TX 867
 2229 KNAZ 2 AZ 1198
 2234 KVBC 3 NV 1352
 21 tr 0134 KARE 11 MN 342
 KSTP 5 MN 342
 K32AF 32 MN 325
 (St. James KSTP-5)
 0254 WCCO 4 MN 342
 (Rare w/KMOV AN)
 0316 KOTV 6 OK 410
 0400+ OKC 9,14,34,43
 KWCH 12 KS 416
 0505 KOKH 25 OK 503
 0525 KAKE 10 KS 412
 Es 0955 KDBC 4 TX 1064
 1000 KENW 3 NM 860
 1030 XHIT 4 CH 1196
 22 Es 1741 XEPM 2 CH 1068
 1827 KNAZ 2 AZ 1198
 2000 WPBT 2 FL 1168
 23 Es 1753 CFAC 2 AB 1344
 1816 CFCN 4 AB 1340
 2000 WML 4 LA 730
 2030 KATC 3 LA 727
 2037 WKRQ 5 AL 694
 2059 WEAR 3 FL 700
 2129 KENW 3 NM 860
 2200 KMID 2 TX 867
 (See Note # 5)
 24 Es 1634 KIII 3 TX 969
 25 tr 0440 K54DB 54 WI 195
 Detroit UHF's
 WIHT 31 MI 368
 0528 WUPW 36 OH 385
 CKCO3 42 ON 466
 CITY2 31 ON 530
 0555 CITY 57 ON 618
 0558 W33AR 33 IL 150
 (Rockford WCIU-26)
 0559 W69BT 69 IN 240
 (South Bend WCIU-26)
 0625 CBLFT17 68 ON461
 0629 CBLFT15t 34 ON
 0630 WNIT 34 IN 245
 (Destroyed above
 same offset CCI)
 0632 CBLNt 40 ON

July 1989

5 Es 1748 CBMT 6 PQ 928
 1751 CFCN 4 PQ 1060
 1800 WCAX 3 VT 949
 2000 WGBH 2 MA 1013
 2030 WSAV 3 GA 779
 2153 KWSE 4 ND 841
 2158 KSRE 6 ND 745
 CBCP2 3 SK 1041
 2159 KBME 3 ND 661
 2200 CFSS 3 SK 870
 CKMA 2 ND 749
 2257 CKND2 2 MB 818
 2258 CKBI3 4 SK 1027
 6 Es 1000 CKCK 2 SK 959
 KWSE 4 ND 841
 7 Es 0959 WPBT 2 FL 1168
 1200 WTKR 3 VA 805
 1330 WCBD 2 SC 798
 1359 unid ch 5 NS
 (See Note # 11)
 1400 WFSB 3 CT 932
 WLBZ 2 ME 1153
 1407 WFMY 2 NC 667
 1426 WABI 5 ME 1153
 1501 WGRZ 2 NY 644
 1521 WPTZ 5 NY 909
 1630 WGBH 2 MA 1013
 1700 WBZ 4 MA 1013
 WCVB 5 MA 1013
 1730 KDBC 4 TX 1064
 KENW 3 NM 860
 unid 2,5 Mexico
 1829 KNME 5 NM 933
 KOB 4 NM 933
 KNMZ 2 NM 919
 KVOA 4 AZ 1242
 WPBT 2 FL 1168
 2000 KUAT 6 AZ 1242

Frank Merrill (continued)

7 Es 2027	KTVK	3 AZ	1277	9 tr 2330	WKBD	50 MI	405	10 Es 1030	WPTV	5 FL	1130	
2130	KENW	3 NM	860		WTVS	56 MI	405		WCIX	6 FL	1186	
2155	XEJ	5 CH	1068		(See Note #14)				WESH	2 FL	956	
	KDBC	4 TX	1064	Es 2353	@CJBR	2 PQ	1201		1228	KRIS	6 TX	964
2229	KGBT	4 TX	1071	10 tr 0010	W46AR	46 WI	230		2152	CFAC	2 AB	1344
	KRGV	5 TX	1070		(Milwaukee	LPTV)		11 Es 1051	unid	ch 2	Mexico	
	XHIT	4 CH	1196	0117	@WSFJ	51 OH	437	1619	WBRZ	2 LA	703	
	XHPN	3 CU	985		(Thought AN!)			2100	CFSK	4 SK	1100	
2354	KIII	3 TX	969		0300-0511				(STV, ch4, cable3)			
8 Es 1025	XEPM	2 CH	1068		WBNS	10 OH	404		CFSS	3 SK	870	
1030	KTVK	3 AZ	1277		CKCO	13 ON	554		CKCK	2 SK	959	
1032	unid ch 5 "XEW"				%CKCO3	42 ON	466		2102	CKBI	5 SK	1125
	(Probably XHFI)				(In parallel)				2200	KWSE	4 ND	841
	KIII	3 TX	969		CITY2	31 ON	530			KBME	3 ND	661
1100	KDBC	4 TX	1064		WQHS	61 OH	472		2230	CKCK2	6 SK	953
1111	unid ch 6 "XEW"				%CHCH	11 ON				CKBI3	4 SK	1027
	(See Note # 5)				(I need this!)				2320	KRTV	3 MT	1131
1130	KUAT	6 AZ	1242	Es 0317	CJBR	2 PQ	1201	12 Es 1111	WMAR	2 MD	746	
1136	KPHO	5 AZ	1277	tr 0343	@WSYX	6 OH	404	2159	KTWO	2 WY	823	
1238	XHAJ/XEJ	6		Es 0344	unid ch 2 PQ			14 tr 0700	W29---	?? ?		
1300	KGBT	4 TX	1071		("T.Q.S.")				(Unknown	Family Net)		
	KRGV	5 TX	1070		0345	unid ch 4 Canada			0700	WKGB	53 KY	320
9 Es 1000	WABI	5 ME	1153		(Reseau Pathonic)					WCTE	22 TN	400
	WCAX	3 VT	949	tr 0421	WVIZ	25 OH	470			Lex, Nashville,		
	CBMT	6 PQ	928	0438	WTOV	9 OH	528			etc. U's (snwfr)		
1156	CJPM	6 PQ	1106		(Test card)					W43AG	43 KY	240
1247	CKRN	4 PQ	785	0446	@WPTD	16 OH	343			(Hopkinsville	LPTV)	
	(See Note #12)				(Rare since WTJR)				0800	WZDX	54 AL	450
1742	CKCK	2 SK	959		@WPTD	14 OH	320			WAFB	48 AL	450
2211	WFSB	3 CT	932		(// WPTD)					(Spent time w/FM)		
tr 2200	KMEG	14 IA	325	0447	@WNED	17 NY	630	15 Es 1217	KTVQ	2 MT	967	
	KCAU	9 IA	325		@WUTV	29 NY	630	2100?	KNAZ	2 AZ	1270	
	KCAN	8 NE	374		(Extremely rare)			16 Es 2200?	KGBT	4 TX	1070	
	(Extremely rare)				@WPGH	53 PA	567	17 Es 1337	BBCP2	3 SK	1041	
2217	KMNE	7 NE	287		0452	WFMJ	21 OH	526		CJFB	5 SK	1071
2300	KMNE	7 NE	475		0511	@WNEO	45 OH	511		KWSE	4 ND	841
	(See Note #13)					WEAO	49 OH	474	1400	KBME	3 ND	661
					Es 1030	WPBT	2 FL	1168		KRTV	3 MT	1131
						WEDU	3 FL	995		KXMA	2 ND	749
						WTVJ	4 FL	1167				

Note # 1 - This one had a calisthenics program and a digital clock display "9:12" in the lower left. Is this Cuba? Whatever it was, it's needed here.

Note # 2 - "A STRANGE ONE"!! Until 0900, there was a slate which seemed to say "s e p Televisora Educacional Juno 1989". Offset was PLUS, same as WHBF. At 0900, they suddenly signed on, sans announcements of any kind and went directly into a mathematics program. Suspect Mexican because an unknown Texan (probably KGBT) was also in at the time. (Could be seen on the tall tower only).

Note # 3 - All tropo this evening was in a straight line. Chicago was not only snow free but was LOCAL quality. Peoria 19-25-31-43-47 this evening were probably the very strongest signals ever seen by any of us in Macomb - much stronger than local WIUM-22. Some friends (not Jeff Kadet) had such total overload in their distribution amp that they were getting WHOI-19 on channel 5, etc. They went direct (bypassing the distribution amp) and still had total overload/cross-modulation on every UHF channel. I also had total overload on all channels and when I "bumped" the rotor a little north of Peoria to point the antenna directly at Chicago (180 miles), Chicago stations became part of the massive overload. My question about this opening is, with so much UHF strength, why were Chicago 7-9-11 "no great shakes", and why did Chicago 2 and 5 have NO SIGNAL ENHANCEMENT WHATSOEVER? Why are there some openings like this (UHF only) when I have seen several tropo openings in which VHF propagated better than UHF and I've even seen one or two openings where LOWBAND had the best results? Incidentally, there was absolutely no enhancement of Milwaukee, South Bend or west Michigan during this opening. Does anybody know much about these non-VHF (or non-UHF) tropo openings?

Note # 4 - This channel 28 LPTV/translator seems to be coming from the direction of St. Louis, though it would be impossible to put it in St. Louis because of

Frank Merrill (continued)

KDNL-30. I suspect either a rather low power station in Jacksonville, Illinois or perhaps Alton; or a more powerful one in Cape Girardeau. Their CCI is often there on mediocre days. I saw no local ID at this time, and according to Jeff this one never ID's. (I feel the most likely explanation for this one may be that W28AI, Salem, Illinois has come on the air. fm)

Note # 5 - I have since seen this a number of times on channels 5 and 6. They have a flashing no-frills ID slide which says "XEX Altzomoni XHAJ Las Lajas TV Matutina", but I can find NONE of these place names in my Encyclopaedia Britannica Atlas. I have noticed that the channel 6 is usually coming in along with Monterrey FM's. Is this maybe a replacement for XET (which has NEVER been ID'ed here)? Offset is PLUS and is probably the mystery Mexican I've been seeing for two years. Their ID slide is a DX'ers dream because I have sometimes seen it flashing for as long as five minutes; call letters are huge! We think that XHAJ/XEX uses XEW, XHGC, and others. We recently saw them running KCNC-4 during a baseball game.

Note # 6 - I briefly noticed Rebelde programming on channel 6, but no Rebelde is listed in any book! Therefore I consider that somebody was probably carrying the alternative network today (could have been the Havana outlet) so I won't count it. I also had 3/4 color bars on channels 2, 3, and 6 which probably were also Cubans, but there was no clue as to their origin.

Note # 7 - Channel 68 had Oral Roberts and did not ID at 0800. It seemed to peak very slightly west of Iron Mountain, though that is no guarantee of its exact direction due to rare "wave guide" effect (see also note 14). (The only station which I know to be operating on channel 68 from north of Macomb is TBN's W68BS at Green Bay. There is also a permit for a WCFC-38 translator at Rockford - W68BR. If it was them, however, I'm sure you would have seen an ID. fm)

Note # 8 - This looked like another ordinary E skip opening, but I always pay extra attention to such western openings in case they go just that little bit further. I ended up with the furthest TV E skip logging of my 27 year career, and in fact I think it was June 26, 1962 when I had my first-ever substantial E skip from my Michigan QTH. This was logged on the "vertical" lowband yagi (as is the majority, but not all, of my E skip listed here). The taller horizontal antenna had only KTVO with slight KCRA CCI. KTVO's tall (and much closer) tower has not yet been replaced. In fact, my latest understanding is that it WILL NOT be re-erected, because they can't find an insurance company that will insure the job! This may be one of the first times an insurance company has done me a favor, hi!

Note # 9 - On KMEG's test pattern were listed some translators: K4000 Storm Lake, NE; K30DP Norfolk, NE and K55FL Spencer, IA.

Note #10 - I heard the "This is CBC North" signature on channel 3. This is probably BBCP2 (identified at 1937), which is a CBC affiliate, but it's unusual to think of southern Saskatchewan as being in "CBC North" territory! (I would be surprised if it is. fm)

Note #11 - Station faded in with a SYDNEY phone number. As the CBC stations do take some local ads, it was probably CBIT. However, I feel that I can't rule out CTV station CJCH, Halifax, as a possibility too, because they are probably on cable systems all over Nova Scotia and could possibly sell time in Sydney.

Note #12 - Showing CBC French (Grand Prix race) parallel to the ANIK D1 satellite feed. No other CBC French listed in Canada over 300 watts, plus I had Val d'Or 102.7 at the same time.

Note #13 - Programming was occasionally discernible underneath local KHQA (both are - offset). KMNE's horizontal and vertical intervals formed sort of a soft "cross" on KHQA's video. At 2300 KHQA was running colorful graphics making it tough to read KMNE, but the upper left corner was brownish and solid. In that upper left I could see "-TV Norfolk 19" at the extreme top of the screen. Of course, KXNE is in their network. I have now, in my TV-DX career, logged at least one noncommercial station (including CBC, translators of PBS stations, etc.) on every channel, 2 through 69. Channel 7 was my last holdout!

Note #14 - This reception of Detroit was an example of the rare "wave guide" effect that I see maybe once per year. WKBD was coming in from a bearing just NORTH of Chicago (WPWR), though the normal heading for Detroit is

Frank Merrill (continued)

about 10 degrees SOUTH of Chicago's heading. This was more like a Racine-Kenosha heading (close to 20 degrees north of normal). I have never seen any explanation of this. An hour or two later the Detroit stations were coming in from the "correct" direction. Jeff noticed the same effect (he had never experienced this "wave guide" effect before), so it wasn't a noncalibrated rotor box.

I still don't have the 90 foot tower as originally planned for 1989, but feel that this is serving me adequately. Formerly, I had three antennas up, now I have five available which include Channel Master 4408's (stereo Probe 9's) at similar heights for FM-DX and a SITCO CAB-1-FM cut for the NOAA Weather stations (around 162.5 MHz).

There are a voluminous number of notes and comments here, because I enjoy trying to analyze things as well as log stations, and it has been a very interesting season.

WTFDA "89 Syracuse" will be history long before this sees print, but I hope that I met a lot of you there, or again saw those of you I've seen in the past. There is still a slight possibility that I can't make it.

Was there some kind of meteor shower on June 12? It has been years since I noticed so many bursts, either on TV or FM.

Some of the early DX listed here was logged on the tower sans benefit of the vertical lowband antenna. That, and my Stereo Probe 9, had been on the ground since New Year's when a bad storm came through. Amazingly, the lowband was not damaged at all, and the Stereo Probe 9 had a couple of kinked elements which we splinted back together. Until early June, I had only ONE antenna (the 8100); and even with that, I had to put up with a lightning-fried preamp (which still "amped", but threw terrible hum-bars into all UHF and some VHF) and a rotor control which had to be coaxed to work. Now that I have FM all set up (since early June) I hope for some more May 24 type tropo so I can clean up there, and I hope it goes east! 73.

(Frank, regarding your logging of WCOM-68 on June 6th; the August 7, 1989 issue of Television Action Update, the Addenda to Television Factbook, reported that WCOM went dark as of June 1, 1989. Bill Draeb reported seeing WCOM-68 on July 12th. Perhaps they were able to get back on quickly? fm)

Ed Frye, 22618 Cardiff Drive, Saugus CA 91350-3017

PDT

Equipment:

VHF - Winegard CS-4052, Channel Master 9510 rotator with 9535 Programmable Control Unit, Channel Master 7477 preamplifier, Channel Master 7270 step attenuator, Channel Master 7205 mid-band trap (to control CATV leakage), Channel Master 7035 MATV distribution amplifier, Channel Master 9549 RG6 cable. UHF - SITCO ECL16-1-14/83 log periodic, Alliance HD73-1 rotator, Winegard PA-4975 preamplifier, Channel Master 9549 RG6 cable.

July 1989	
1 Es 0900 CCI on chs 2, 4	1000 <u>KIEM</u> 3 CA <u>530</u>
0915 unid ch 3 NBC ne	3 Es 1200 CCI on channel 2
0945 unid ch 2 CBS	1300 XHQ 3 SI 945
(Under KCBS)	1330 CCI on 4 vy hvy
unid ch 3 CBS	1335 XHQ 3 SI 945
unid ch 3 NBC	8 Es 0900 CCI on channel 2
0930 unid 3 CBS audio	0925 unid ch 3 NBC ne
8 Es 1100 KRTV 3 MT 975	1300 XHQ 3 SI 945
1300 XHQ 3 SI 945	1330 unid ch 6 NBC ne
23 Es 1115 CCI on channel 2	(Solid o/XETV!)
1130 unid ch 3 PBS ne	(Heard "K?WK"?)

Now that the spell of E skip activity from late May through early July seems to have subsided, I've used this opportunity to rebuild my entire antenna system, which means disconnecting everything from the TV set. Actually, I'm relocating the set from a den into the living room, so numerous transmission lines and rotor cables must be re-routed outdoors to the opposite side of the house (here in southern California, new homes are built on concrete slabs for earthquake protection - hence, no basement "shortcut" through which cables could otherwise be run). Given the opportunity to make some significant changes to my system, I replaced the patchwork of General Instrument CATV RG6 with a new "model" Channel Master RG6, #9549, which Channel Master claims is also CATV grade and can be buried directly in the ground. I've also re-mounted my Winegard VHF antenna in the garage on a home-brew cantilever mast (using 2" diameter steel EMT conduit). This new arrangement will enable me to rotate the antenna 360 degrees, as if it were atop a regular mast. It's quite an invention!

The beginning of July was marked by an unusually high degree of co-channel interference on channels 2 and 4, at times day-in and day-out. Unfortunately, ID's were difficult to come by despite these active conditions. Notable however, was Saturday, July 8,

Ed Frye (continued) when the MUF reached channel 6. XETV-6, normally a reliable semi-local, was completely overtaken by an unidentified NBC station to the northeast for about thirty minutes. Patches of dark, thunderstorm-like clouds and extreme haze filled the sky during this opening - uncommon this time of year in southern California.

(Ed, your unid channel 3 PBS sounds like KSWK, Lakin, Kansas. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment: See August Western TV-DX

No contest for best month of the year - July has routed June and is only half over! In the first 12 days the skip reached the FM nine times, though things have cooled off the last few days, and only the 5th has shown nothing at all. With that said, I actually have a new logging this time, and it's my new TV distance record.

* New to Antioch.

July 1989

1 Es 0645 unid channel 6	3 Es 2031 KACVt 2 TX	8 Es 1630 KACV 2 TX 1110
2 Es 1059 *KREM 2 WA 730	7 Es 2031 KNMZ 2 NM 890	11 Es 0759 XEPM 2 CH 970
1858 KCNC 4 CO 910	2153 KQTV 2 MO 1445	0800 KDBC 4 TX 970
1922 KSNC 2 KS 1255	2359 =unid channel 2	0959 *KNME 5 NM 875
2037 KLBV 4 KS 1125	8 Es 1000 KNOP 2 NE 1110	15 Es 1157 KNID 2 TX 1175
3 Es 1448 XEPMt 2 CH	KNID 2 TX 1175	1329 KNOP 2 NE 1110

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
07/01	106.7	0906	07/05	--		07/09	2	1646	07/13	5	1618
07/02	91.1	2023	07/06	92.3	2044	07/10	100.3	2129	07/14	4	1902
07/03	105.7	2045	07/07	104.3	2139	07/11	107.9	0955	07/15	2	1111
07/04	2	1953	07/08	107.7	1200	07/12	91.1	2016			

The July 8th opening was especially interesting. Not only was it very productive on the FM, but it was a two-headed beast throughout (as illustrated by Texas audio with Nebraska picture). Heard Hays, Kansas while logging 2 Chihuahua stations and later had Sonora while Wyoming was booming in.

Jeff Kruszka, 5855 Walnut Creek Rd, Apt. A-105, River Ridge LA 70123

COT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

July 1989

2 Es 1121 unid 3 ABC, PBS	4 Es 1159 KTVK 3 AZ 1300	13 tr 0630 KPRC 2 TX 318
1129 WSTM 3 NY 1185	1200 WBAY 2 WI 990	16 Es 1659 KACV 2 TX 755
1159 CKVR 3 ON 1130	1211 KGAN 2 IA 820	17 tr 2149 unid ch 22 TX
1925 KDLO 3 SD 1080	1805 KDLT 5 SD 1020	(See Note)
("The Big News")	5 Es 1758 XHCC 5 CL 1190	18 tr 0536 KTXA 21 TX 465
1958 KUSD 2 SD 1010	unid channel 3	0540 %KDAFt 33 TX
3 Es 2026 KTVkt 3 AZ	("Super Tres")	("Fox Television")
2050 KWGnt 2 CO	7 Es 2029 KSWK 3 KS 825	0545 KARD 14 LA 218
4 Es 0958 unids chs 2,3,5	8 Es 1258 KLINE 3 NE 900	0641 KLTV 7 TX 338
1059 KSWK 3 KS 825	1538 XHBQ 3 ??	Es 2000 unids chs 2,3,5
KTVS 3 CO 1010	11 Es 1807 unids chs 2, 3	2127 WDTN 2 OH 745
	13 tr 0630 KARD 14 LA 218	

Note - 07/17 @ 2149 - Channel 22, Galveston - on the air yet? (I haven't seen it reported on yet, but they just got new call letters - KLTJ, so there is some activity associated with it. fm)

Things really died off after the 18th - it really wasn't a very good month for E skip. It was a surprise to see KSWK - I had no idea what it was when I first saw it and didn't even know it was on the air. Any help on the unids would be appreciated. Tropo is improving - at least I know I can get it. I went out and bought a Radio Shack U-75 corner yagi and now use this for UHF DX'ing in my apartment. Improvement over the "rabbit ears" is slight, but it's the best I can do. Looking forward now to a Florida opening.

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401

CDT

Here is my report up til July 15. June 1989 saw lots of E skip here; unfortunately almost all of it was unidentifiable as it came and went so fast. Possibly the skip was aurora-linked, but being a southerner until 1988, I wouldn't know for sure. July was better, at least through the 15th - fewer openings, but stations more likely to hang around long enough to ID or at least give clues. So here it is (no relogs under 150 miles):

<u>June 1989</u>	4 Es 1050 <u>KIII</u> 3 TX <u>1004</u>	13 tr 0614 <u>WXIN</u> 59 IN <u>231</u>
18 Es 1130 unid ch 2 Mexico	1540 unid channel 2	0901 <u>KEIC</u> 9 MO <u>171</u>
19 Es 0630 <u>KTVQ</u> 2 MT <u>964</u>	(State #19)	(Log #100)
	1825 <u>KMOL</u> 4 TX <u>919</u>	0904 <u>KNLC</u> 24 MO <u>179</u>
	2029 <u>WPBT</u> 2 FL	14 tr 0444 <u>WVTV</u> 18 WI <u>195</u>
<u>July 1989</u>	10 Es 0930 unid channel 4	0636 <u>KNLC</u> 24 MO <u>179</u>
3 Es 2103 <u>KENWt</u> 3 NM	13 tr 0523 <u>WTK</u> 29 IN <u>235</u>	0711 <u>WKOW</u> 27 WI
2118 unid 2 CBS MDT	0526 <u>WHMB</u> 40 IN <u>231</u>	

Alphonse Tobia, 7606 Linden Court, Newark CA 94560 (KB6KAX)

PDT

Equipment:

JFD LPV-TV190 (VHF), Winegard CH-9075 (UHF), rotator, Magnavox 27" stereo console and RCA VCR.

Furthest TV-DX catch for me (so far) came from a station I got on the east coast (from Maryland) and also got to visit (transmitter site) on a cross country trip once. WEAR, channel 3, in Pensacola-Mobile made it out here on July 7th. Got it on VHS and also sent a verification letter...audio came in first...then weak video...then just audio...it was great!!!

Channels 3 and 6 are best DX channels here...unable to null good channels 2, 4, and 5 because of locals.

<u>July 1989</u>	8 Es 1200 <u>KTVS</u> 3 CO 1040	12 Es 1200 strong CCI 2,4,5
6 Es 2030 unid chs 2,3 CBS	1205 <u>KTWO</u> 2 WY 905	13 Es 1530 <u>KTVS</u> 3 CO 1040
2045 <u>KTVK</u> 3 AZ 620	1215 unid ch 3 Mexico	<u>KREG</u> 3 CO 805
2100 unid ch 3 Mexico	1300 <u>KIDK</u> 3 ID 650	1615 <u>KOTA</u> 3 SD 1082
7 Es 2045 <u>WEAR</u> 3 FL 2008	1330 unid ch 6 NBC	1730 <u>KRTV</u> 3 MT 890
2100 <u>KRTV</u> 3 MT 890	11 Es 1100 <u>KLNE</u> 3 NE 1100	14 Es 1700 unid ch 3 Mexico
8 Es 0100 unid channel 3 e	1145 <u>KOTA</u> 3 SD 1082	1830 unid ch 3 NBC
1140 <u>KOTA</u> 3 SD 1082	1200 <u>KBME</u> 3 ND 1250	1845 strong CCI on 2

Richard J. Michaels, 641 West 21st St., San Pedro CA 90731

UTC

Equipment:

Universal V-7640 cable TV box, Motorola black & white (tube type), long wire antenna - 6'4"

<u>July 1989</u>	8 Es 0630 <u>KLNE</u> 3 NE	22 tr 2230 <u>KCRA</u> 3 CA
	(All at once)	2300 <u>KSBY</u> 6 CA
8 Es 0630 <u>KBME</u> 3 ND	tr 0800 <u>KSBY</u> 6 CA	(Over XETV)
<u>KOAB</u> 3 OR	(Audio only)	

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744

CST

Equipment:

1980 model Penncrest 9 inch black and white, Archer V-100 and 8 bay bow-tie UHF array at 20 feet with rotor.

<u>May 1989</u>	9 tr 0343 <u>KATC</u> 3 TX	17 Es 1130 <u>KGAN</u> 2 IA
5 Es 1559 <u>WAVE</u> 3(IN)	0404 <u>WAFB</u> 9 LA	1132 <u>KOTA</u> 3 SD
1616 <u>WDTN</u> 2 OH	10 Es 1220 <u>WCBD</u> 2 SC	18 Es 0928 <u>KTCA</u> 2 MN
2059 <u>WSJK</u> 2 TN	1243 <u>WWAY</u> 3 NC	0932 <u>KIMT</u> 3 IA
7 tr 0154 <u>KLFY</u> 10 LA	13 Es 0928 <u>WEDU</u> 3 FL	1120 <u>KOTA</u> 3 SD
<u>KFDM</u> 6 TX	14 Es 0659 <u>KSNC</u> 2 KS	1246 <u>KIDK</u> 3 ID
8 Es 1159 <u>WESH</u> 2 FL	0729 <u>KNOP</u> 2 NE	1659 <u>KDLO</u> 3 SD
9 tr 0339 <u>KSLS</u> 12 LA	0759 <u>KTWO</u> 2 WY	1132 <u>KGFE</u> 2 ND
0343 <u>KFDM</u> 6 TX		2057 <u>KVBC</u> 3 NV

Pat Dyer (continued)

20 tr 0406 <u>KNOE</u> 8 LA	26 Es 1550 <u>WWAY</u> 3 NC
0412 <u>KATV</u> 7 AR	1610 <u>WCBD</u> 2 SC
0419 <u>KARD</u> 14 LA	1820 <u>Cuba</u> 3
Es 1626 <u>WBTV</u> 3 NC	27 Es 1120 <u>WCBD</u> 2 SC
21 Es 1959 <u>KGFE</u> 2 ND	1159 <u>WWAY</u> 3 NC
19 tr 0005 <u>KMSS</u> 33 LA	28 tr 0012 <u>KLFY</u> 10 LA
Es 0025 <u>KEYT</u> 3 CA	0014 <u>WVUE</u> 8 LA
1120 <u>KDLO</u> 3 SD	Es 2200 <u>KGAN</u> 2 IA
1725 <u>WJMN</u> 3 MI	23 Es 0929 <u>WWAY</u> 3 NC
1729 <u>WBAY</u> 2 WI	tr 2202 <u>KPLC</u> 7 LA
20 tr 0232 <u>KTVE</u> 10 LA	24 tr 0347 <u>KSWO</u> 7 OK
0240 <u>KLFY</u> 10 LA	0400 <u>KATC</u> 3 TX
0335 <u>KSLS</u> 12 LA	Es 2056 <u>KVBC</u> 3 NV
0357 <u>WAFB</u> 9 LA	26 tr 0035 <u>WVUE</u> 8 LA
0404 <u>WCBI</u> 4 MS	0037 <u>KLFY</u> 10 LA
0406 <u>KFDM</u> 6 TX	0554* <u>KOSA</u> 7 TX
	31 Es 0939 <u>WBTV</u> 3 NC

A few good new tropo catches in May. Did I mangle that KSWR, channel 3, or what? Sometime during April/May, the UHF mechanical tuner on the 9" black and white set failed. Luckily my 1987 13" color RCA EMR350E seems to have a very good UHF unit in it (going only to channel 69 though).

(KSWR was probably "KSWK" fm)

June 1989

2 Es 1701 <u>WSAV</u> 3 GA	15 Es 1625 <u>WBAY</u> 2 WI	22 Es 1700 <u>KXMA</u> 2 ND
1755 <u>WSB</u> 2 GA	16 Es 0557 <u>KTWO</u> 2 WY	24 Es 1422 <u>WCIA</u> 3 IL
8 tr 0436 <u>KPLC</u> 7 LA	0624 <u>KOTA</u> 3 SD	26 Es 1229 <u>WJBK</u> 2 MI
Es 1928 <u>XHBC</u> 3 BN	0629 <u>KNOP</u> 2 NE	1300 <u>KCBS</u> 2 CA
10 Es 1416 <u>WBTV</u> 3 NC	1004 <u>WWAY</u> 3 NC	1459 <u>KVBC</u> 3 NV
2124 <u>KDLO</u> 3 SD	17 tr 2250 <u>KALB</u> 5 LA	27 Es 1051 <u>KOTA</u> 3 SD
12 Es 1824 <u>KTCA</u> 2 MN	18 tr 0028 <u>KLFY</u> 10 LA	1259 <u>KIDK</u> 3 ID
2029 <u>WBBM</u> 2 IL	0031 <u>KTRE</u> 9 TX	2015 <u>KDLO</u> 3 SD
2059 <u>WAVE</u> 3(IN)	Es 0829 <u>WSAZ</u> 3 WV	2129 <u>KUSD</u> 2 SD
2100 <u>WTWO</u> 2 IN	2059 <u>KDLO</u> 3 SD	28 Es 1719 <u>KGAN</u> 2 IA
2101 <u>WSIL</u> 3 IL	2252 <u>KQTV</u> 2 MO	1753 <u>WPTV</u> 5 FL
13 Es 1020 <u>WWAY</u> 3 NC	2259 <u>KMTV</u> 3 NE	1759 <u>WPBT</u> 2 FL
1029 <u>WEDU</u> 3 FL	21 tr 0031 <u>KFDM</u> 6 TX	1858 <u>WAVE</u> 3(IN)
1259 <u>WAVE</u> 3(IN)	0037 <u>KPLC</u> 7 LA	<u>WDTN</u> 2 OH
<u>WDTN</u> 2 OH	0358 <u>KBMT</u> 12 TX	30 Es 0559 <u>WTWO</u> 2 IN
1710 <u>KGAN</u> 2 IA	Es 0932 <u>KDLO</u> 3 SD	0950 <u>KBME</u> 3 ND
1858 <u>WCIA</u> 3 IL	1013 <u>KMTV</u> 3 NE	1058 <u>KGAN</u> 2 IA
14 Es 0740 <u>WWAY</u> 3 NC	1028 <u>KIMT</u> 3 IA	1059 <u>KTVO</u> 3 MO
0928 <u>KTCA</u> 2 MN	1129 <u>KLNE</u> 3 NE	1130 <u>KIMT</u> 3 IA
0959 <u>KGAN</u> 2 IA	<u>KUSD</u> 2 SD	1259 <u>WKYC</u> 3 OH
15 tr 0020 <u>KBMT</u> 12 TX	1159 <u>KPRY</u> 4 SD	<u>WBAY</u> 2 WI
Es 0928 <u>WBTV</u> 3 NC	1254 <u>KOTA</u> 3 SD	1459 <u>KTCA</u> 2 MN
0929 <u>WWAY</u> 3 NC	1258 <u>KNOP</u> 2 NE	1529 <u>KUSD</u> 2 SD
0959 <u>WCIA</u> 3 IL	1300 <u>KXMA</u> 2 ND	1831 <u>WBTV</u> 3 NC
1029 <u>WSJK</u> 2 TN	22 Es 0946 <u>KWGN</u> 2 CO	1859 <u>WSIL</u> 3 IL

Not a super month (at least on the FM with only 30% of what 1988 had). Sometime during this period, the primary 9" black & white set VHF mechanical tuner problems (poor channel 3 contacts) became electrical when I tried to "fix" things. Thus, since then the 1987 RCA 13" color EMR350E has been IT. Now if anyone knows how to defeat that "fade-to-black" feature it has on the "poor" signals! 73, Pat, WA5IYX

Paul Mitschler, 4911 Idlewilde SE, Albuquerque NM 87108

MDT

Equipment:

Channel 3 and 6 yagi with rotor, 25 ft tower, Sheritech Model SV5050 converter, Winegard trap, monochrome computer monitor.

Things have been very quiet here compared to the summer of 1986. I really have not seen anything new except a morning of tropo with about three hours of steady signal from KENW-3 from Portales. This is unusual tropo from the east side of the Sandia and Manzano range.

<u>May 1989</u>	18 Es 2012 <u>KEYT</u> 3 CA 775	20 Es 0928 <u>WLBT</u> 3 MS 968
18 Es 1652 <u>WAVE</u> 3 KY 1175	20 tr 0700 <u>KENW</u> 3 NM 200	0958 <u>KATC</u> 3 LA 912

Table listing radio frequencies and call signs for Paul Mitschler (continued) and July 1989. Includes stations like WRBL, KATC, WBRZ, etc.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604) 537-5201 PDT

Equipment:

Sony Trinitron, Kenwood RZ-1 receiver, channel 6 trap (xtal). VHF - Lindsay GA-10 FM 10 element wide-spaced FM yagi on Alliance U-110 rotator at 57' (at sea level on the ocean front). UHF - Radio Shack 4-bay with 15-1108 adjustable gain mast-mount VHF/UHF preamp at 45'.

Table listing radio frequencies and call signs for June 1989 and July 1989. Includes stations like KTVZ, KATU, KAPP, etc.

August 1989

Table listing radio frequencies and call signs for August 1989. Includes stations like KYVE, KEPR, KREM, etc.

Loggings on channel 2 before CBUT-2 goes on air with color bars. Loggings on channel 4 over KOMO-4. Channel 3 only clear low-band channel. Hopefully, within the next 2-3 years, I will be purchasing my own home and can put up a second tower with my Lindsay VHF log-periodic and my Lindsay UHF log-periodic and UHF GaAs FET amplifier which are now sitting in boxes. I can't recommend Kenwood's new RZ-1 receiver enough. I just got mine a few weeks ago and was able to retire my 1970 RCA 14" portable with fixed channel UHF and VHF tuning. With today's "scan and lock" receivers putting a damper on DX'ing TV, receivers such as the RZ-1, ICOM R-7000, and Yaesu FRG-9600 are a must. The Kenwood is a wide/narrow band FM and wide band AM. The narrow FM is a real treat on hard-to-log tropo's! The receiver features FM stereo, MTS, and has stereo audio out jacks and composite video out jack plus provisions for two antennas with manual or automatic switching. Tuning is in increments of 5 kHz (nice!), 12.5 kHz, 20 kHz, and 25 kHz. There are 100 memory channels, a number of ways of recalling memory channels, plus a variety of scanning methods. The unit is designed for mobile use with 13.8 VDC input (power supply required for base use). For FM DX'ing (my true specialty) VHF or UHF DX'ing, this is a great receiver! Also, to any Canadian readers, try and seek out Lindsay antennas if you can. They are much higher quality than the Radio Shack units and are well annealed.

Skip conditions this year have been a mixed bag. I haven't spent as much time DX'ing TV/FM this year due to death in family plus health problems, but have generally found E skip on TV low-band to be about average, with disappointing amounts of openings reaching the FM band. Today (August 4) was about the best the FM band has been since the great auroral E skip opening caused by the solar flares in March, which I am very sad to say that I missed through no fault of my own.

I was at the beach on May 20 with my "beater beach radio" Radio Shack AC/DC AM/FM with 8" whip and heard 99.1 Greeley, Colorado plus a few others via E skip. By the time I raced home the opening was shut down. Tropo's have been so-so here due to the weather among other things, with poor UHF results.

Finally, a message to DX'er Dave Sinclair in Vancouver - feel free to write or phone - maybe we can instigate an alert system for TV and FM.

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (N6HMO) PDT

Equipment:

19" Zenith, Channel Master 1160 VHF/UHF antenna and Channel Master rotor. Fisher VCR.

July has produced a couple of new ones for me as well as a nice double-hopper for Al Tobia in Newark (CA). Al bagged WEAR-3, Pensacola, Florida on July 13.... I was on channel 2 with KACV, Amarillo, when Al made the catch. Pensacola is a straight line to the Bay Area through Amarillo at 2008 miles nice catch Al! It'll be interesting to see if John Combs was picking up Amarillo about this time. July 11 was the hot day here with an opening that started in El Paso, Texas (KDBC-4) and ended in Rapid City, South Dakota (KOTA-3). July 7 brought KLEW-3, Lewiston, Idaho, a new one for the log. The Data Base lists them at 13.9 kW, but after making a phone call to the station I was told they increased to 56.8 kW. On July 6 on channel 4, I saw an ID with a four in a circle. I thought it might be KVOA, but a call to them said it wasn't. Does KOB-4 use a circle?

It'll be in Oregon the last four days of July so the log for July will end today, the 27th. 73

July 1989

Large table listing radio frequencies and call signs for July 1989. Includes stations like KTVS, CFAC, KTVS, etc.

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 CDT

Equipment: See August 1989 Western TV-DX

Here's another report. E skip activity picked up during July but tapered off during the last half of the month. A few interesting tropo openings, but nothing new.

Table listing radio frequencies and call signs for July 1989. Includes stations like WJXT, WUFT, WEDU, etc.

William Draeb (continued)				9 Es 1855	KWCW	4 WY	21 Es 2043	WESHT	2 FL
				1856	KTWot	2 WY	2048	WSAVt	3 GA
4 tr 2201	W68AA	68 IL 300	tr 2002	WCET	48 OH 400		2051	WEDU	3 FL 1192
(Danville	WAND-17)		2110	WKMU	21 KY 553		22 tr 0430	CKNY	10 ON
	(Snow free)				WKMA	35 KY 499	Es 1135	KAMR	4 TX 991
5 Es 1620	unids	chs 2-6 e			KBSI	23 MO 512		KENW	3 NM 1103
1745	WLNE	6(RI) 842			KDNL	30 MO 432		KBSDt	6 KS
	WCBSt	2 NY			KNLC	24 MO 432	1200	KOB	4 NM 1200
	WFSB	3 CT 767			WUSI	16 IL 402		KNMEt	5 NM
	WBZ	4 MA 830		2126	KFVS	12 MO 512		KNMZt	2 NM
	WCVB	5 MA 830			(Under WISN)		1730	unid	channel 2+
	WCSht	6 ME			WCEEt	13 IL		KPRC	2 TX 1117
1759	WRGB	6 NY 688			WPSDt	6 KY		KJAC	4 TX 1080
	WRct	4 DC	2157		WVUt	22 IN	1759	WGBH	2 MA 830
	WTTGt	5 DC	2211		WLCnt	19 KY		WEAR	3(AL)
	WMARt	2 MD	Es 2211		WBTv	3 NC 736	1959	KATC	3 LA 1026
1900	WBRZ	2 LA 1002			WCBDt	2 SC		WBRZ	2 LA 1002
1915	KATC	3 LA 1026	tr 2239		WEVv	44(KY) 420	2057	KBTXt	3 TX
1933	WWL	4 LA 1028	2248		WGRB	34 KY 499	23 AE 0135	WJBK	2 MI 265
	WLBt	3 MS			WTVQ	36 KY 473		(Antenna nnw)	
2100	unids	chs 2-4 w			WEHT	25(KY) 420	Es 1000	WWAY	3 NC 882
	KTWot	2 WY	10 tr 0222		tropo	all gone,	1024	KENW	3 NM 1103
	KUTVt	2 UT			cold	front thru	1030	KOB	4 NM 1200
	KTVXt	4 UT	11 tr 0155		TVO	ch 15 (near		KMIDt	2 TX
2155	KBME	3 ND 650			Sault Ste Marie)			KNMZt	2 NM
	KWSE	4 ND 811			CBCE	16 ON	1033	KWAB	4 TX 1135
	KOUSt	4 MT	Es 1745		@Toronto 41		1041	KVIZt	6 NM
2236	KYUSt	3 MT	12 tr 0600		CITY	57 ON 410	1047	KACBt	3 TX
6 tr 0718	KDNL	30 MO 432			TVO	on 27,42,45	1100	KTVKt	3 AZ
	KRIN & WFLD	ch32	Es 1745		unid	ch 4- wsw	1137	KFDX	3 TX 945
	(WXGZ-32 off)		12 tr 0600		WCOM	68 OH	1229	KAMR	4 TX 991
7 Es 1222	WWAY	3 NC 882			WOAC	67 OH 395	1300	Es	much weaker
	unid	channel 2			WNEO	45 OH 405	1304	KACVt	2 TX
8 tr 0533	WKYt	27 KY 473			Youngstn	U's 420		KSWKt	3 KS
0541	WTVQ	36 KY 473			W58AM	58 OH 420	1345	weak	ch 2 u/WBAY
	WMDKY	56 KY 514			(Youngstown	WNEO-45)	1950	unid	ch 4 west
9 Es 0800	KYVt	3 PA			WPTT	22 PA 480		KWCct	4 WY
	WNBct	4 NY			WPGH	53 PA 480		nothing	on 2 & 3
	WBTt	4 MA	1917		WCET	48 OH 400	24 tr 2138	W24AI	24 IN 201
	WGBH	2 MA 830			WXIX	19(OH) 400		(Michigan	City TBN)
	WCVB	5 MA 830	13 tr 1749		WXIX	19(OH) 400		(Snow	free o/WCGV)
1026	WLNE	6(RI) 842			WCET	48 OH 400		W69BT	69 IN 208
	WFSB	3 CT 767	15 Es 2019		CFRN	3 AB 1320		(South	Bend WCIU-26)
	WRGB	6 NY 688	2042		CFAC	2 AB 1310		(Also	snw free)
	WSTMt	3 NY			CFCN	4 AB 1310	Es 2300	KAMR	4 TX 991
	unid	3 Spanish e			unid	ch 4 edu		KSWK	3 KS 845
1200	WCAX	3 VT 733	21 Es 1740		CBHT	3 NS 1170		KENW	3 NM 1103
	CBHTt	3 NS			CBAFT3t	3 NB	2308	KVIO	6 NM 1285
	CHSJt	4 NB			CKCwt	2 NB		KBSDt	6 KS
	WLBZt	2 ME	1805		CHSJt	4 NB		KSNct	2 KS
	CKCwt	2 NB	1810		CBHT9t	2 NS		KOBct	4 TX
1230-1700	I was	gone			CJCBt	4 NS		KOBct	4 NM
1700	KNSE	4 ND 811			1817	CBGAT##t	2 PQ	KNMZt	2 NM
1835	KENWt	3 NM			1830	CKLT1	3 NB	KTXt	5 TX
1845	KTVX	4 UT 1264			1900	WCAX	3 VT 733	XEPMt	2 CH
1849	KUTV	2 UT 1264			2035	WCBd	2 SC 916		

On July 24, when I turned the set off around 2330 because I had to go to work in the morning, E skip was still through channel 6 but showed signs of weakening. At 0220, I turned the set on, but everything was gone. Back to bed. The opening on the 24th was in progress when I tuned in. I was watching the Brewers and Tigers on WWTv-9 so I may have missed some of it.

One interesting note about WRGB-6 which I saw on July 5th and 9th via E skip; I never saw them via E skip before. Previously the only way I identified them was via meteor scatter.

The auroral E skip reception of WJBK-2 on the 23rd was interesting. I turned the antenna north northwest and the auroral E skip was dominant (only on channel 2) (WBAY-2 off) with fading and ghosting, typical of that kind of reception. Then I would turn the antenna towards Detroit and they were rock solid stable, with practically no fading what-

William Draeb (continued) soever. The reception in both circumstances wasn't snow free, but the tropo reception was stronger. It also looks like local WFRV-5 has gone 24 hours full time. I turned the set on at 0315 one weekday morning and they were running one of the home shopping network shows; I suppose to compete with local WBAY-2 which is on weekdays 24 hours but goes off on Saturday and Sunday AM at around 0130 (fortunately). None of the other locals are 24 hours at anytime yet. Tropo activity has been below average too! Until next month, 73's, Bill
(Bill, check my comments about WCOM-68 after Frank Merrill's report. fm)

William Eckberg, RR #4, Dixon IL 61201

CDT

Equipment:

1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1953 detuned tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamplifier on a 40' tower.

June 1989

5 Es 0923	WBRZ	2 LA 784	3 Es 2312	KPRC	2 TX 890	10 Es 1400	KMID	2 TX 967
8 Es 0930	WPBT	2 FL 1229	4 tr 0400	W33AR	33 IL 42	1630	WGBH	2 MA 918
1225	WGBH	2 MA 918	(Rockford	WCIU-26)		1655	WLNE	6 MA 934
1230	KTWO	2 WY 849	Es 1202	WBRZ	2 LA 784	1700	WFSB	3 CT 842
1300	KOTA	3 SD 699	1530	WTVJ	4 FL 1229		WCVB	5 MA 918
1305	KTVQ	2 MT 968	1600	WCIX	6 FL 1229	11 Es 1000	XEPH	2 CH 1162
12 Es 2000	XEFB	2 NL 1282	1605	&ICRT	3 Cuba 1350	1300	KIII	3 TX 1072
2205	KIII	3 TX 1072	(Phillips	TP)		1425	KNMZ	2 NM 972
13 Es 1505	XHRIO	2 TA 1201	1610	&ICRT	6 Cuba 1340	1430	KOB	4 NM 1026
14 Es 1000	WESH	2 FL 983	(Phillips	TP)		2200	KGFE	2 ND 558
16 Es 1158	WPBT	2 FL 1229	1645	WPBT	2 FL 1229	2220	CKCK	2 MB 752
17 Es 0125	KNMZ	2 NM 972	1650	KATC	3 LA 809	2332	CKND2	2 MB 752
0445	KXMA	2 ND 732	1700	KPRC	2 TX 890	2300	KTVQ	2 MT 968
18 Es 1000	WPBT	2 FL 1229	1700	WWAY	3 NC 800	2305	KRTV	3 MT 1112
1158	KIII	3 TX 1072	1708	WCBd	2 SC 797	2310	KXGN	5 MT 816
1210	KPRC	2 TX 890	1710	WCIV	4 SC 797	2315	KFBF	5 MT 1112
1213	KRGV	5 TX 1189	1715	WSAV	3 GA 803	22 Es 2055	KMID	2 TX 967
1255	XET	6 NL 1282	1720	WCSC	5 SC 797	2100	KENW	3 NM 912
1430	WWL	4 LA 813	1725	WECT	6 NC 800	23 Es 1000	KENW	3 NM 967
1500	XHRIO	2 TA 1201	1800	KENS	5 TX 992	1030	KSL	5 UT 1139
1530	XEPH	2 CH 1162	1830	WCPX	6 FL 1020	1040	KOAA	5 CO 828
2155	KTVK	3 AZ 1348	1930	WTVV	4 AL 758	1100	KNME	5 NM 1026
2200	KNAZ	2 AZ 1258	2200	XHRIO	2 TA 1201	1155	KNMZ	2 NM 972
19 ms 0305	KCNC	4 CO 811	KRGV	5 TX 1189		1230	KUTV	2 UT 1139
20 Es 1320	KNMZ	2 NM 972	5 Es 1900	WPBT	2 FL 1229	1258	KREG	3 CO 933
1400	WGBH	2 MA 918	2125	CKCK	2 SK 918	1300	KIDK	3 ID 1123
2200	KENS	5 TX 992	2200	KTWO	2 WY 849	1425	KWGN	2 CO 811
2210	KMID	2 TX 967	7 Es 1800	XEPH	2 CH 1162	2230	KIDK	3 ID 1123
tr 2320	W36AO	36 IL 70	1830	WGBH	2 MA 918	2245	KGWL	5 WY 966
(Palatine	LPTV)		1900	KNMZ	2 NM 972	2300	KNMZ	2 NM 972
21 Es 0420	WESH	2 FL 983	1930	WUND	2 NC 797	2300	KOAA	5 CO 828
tr 0515	K52BH	52 IA 218	2030	WESH	2 FL 983	2325	KNME	5 NM 1026
(Ames	LPTV)		8 Es 0505	KMID	2 TX 967	25 Es 1000	KACB	3 TX 933
Es 1225	WPBT	2 FL 1229	1201	XHRIO	2 TA 1201	1025	KIII	3 TX 1072
1730	KNMZ	2 NM 972	1235	WPBT	2 FL 1229	1100	KMID	2 TX 967
22 Es 1730	CKSA	2 AB 1206	1300	KTVK	3 AZ 1348	KPRC	2 TX 890	
1800	KNAZ	2 AZ 1258	1315	KIII	3 TX 1072	1330	KENW	3 NM 967
23 Es 1620	KTVQ	2 MT 968	1350	KGHB	4 TX 1183	1532	KNMZ	2 NM 972
1805	KPRC	2 TX 890	9 Es 0610	WKTV	2 NY 714	2215	KMID	2 TX 967
2100	WBRZ	2 LA 784	0610	CBAFT3	3 NB 1221	29 Es 0130	KNAZ	2 AZ 1258
2200	KMID	2 TX 967	0620	WCAX	3 VT 821	tr 0500	WCCB	18 NC 638
27 Es 2230	XEPH	2 CH 1162	0900	WLBZ	2 ME 1030	0520	W69BT	69 IN 162
2300	KNMZ	2 NM 972	0930	WABI	5 ME 1030	(South	Bend	WCIU-26)
			1000	CHSJ	4 NB 1161	0525	WKCH	43 TN 489
			1040	CJCH6	6 NS 1211	0555	WJHL	11 TN 526
			1900	KIDK	3 ID 1123	0600	WKPT	19 TN 508
			10 Es 1230	KGBT	4 TX 1183	1235	KIII	3 TX 1072
			3 Es 2250	WBRZ	2 LA 784			

July 1989

I logged over twice the skip in July as June even though I was gone thirteen days. Channel 2, Grand Forks, at 558 miles was my shortest E skip in two years.

William Eckberg (continued)

The early AM of July 29 brought some interesting conditions. A front stretched from the Carolinas to west central Illinois and to western Minnesota. Upon checking at 0130, E skip was three deep to the southwest on channel 2, but no tropo. But by 0430, a very narrow duct had developed into the Carolinas and eastern Tennessee. Result was five new stations within one hour. I almost missed them all. Interesting to see what other DX'ers in the area saw.

Jeff Kadet, Box 20, Macomb IL 61455 (309)-833-1809

CDT

Equipment:

Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982). Winegard CS-2073 10 element ch 7-13 log periodic with CP 3800 preamp, RG-11 foam up 80'; Channel Master 7' dish with PA 4975 preamp, .500 aluminum hardline, up 75'; Stereo Probe 9 with RG-11 foam up 43'; Finco 5 element 50-54 MHz yagi with Belden 9913 up 37'.

ICOM R-7000 out of service since June 19th.

May 1989	20 Es 1230 unid ch 3 French	3 Es 2000 CKCK 2 SK
31 Es 2100 KIDK 3 ID	1400 WCBS 2 NY	2006 KIII 3 TX
KCWC 4 WY	1425 WFSB 3 CT	2050 XEJ 5 CH
2220 KWGN 2 CO	1600 unid ch 2 MCTV	KVIO 6 NM
10 AE 0055 CKBI 5 SK	21 Es 1730 KNAZ 2 AZ	KRIS 6 TX
CFCN 4 AB	1758 KNMZ 2 NM	2130 KGBT 4 TX
0122 KFBB 5 MT	22 Es 1810 KNAZ 2 AZ	KENW 3 NM
	23 Es 1700 KTVQ 2 MT	4 Es 1545 WCIX 6 FL
	1800 KWGN 2 CO	WPTV 5 FL
	1940 WBRZ 2 LA	WTVJ 4 FL
11 Es 0230 @CJBR 2 PQ	2000 WLBT 3 MS	WEAR 3 FL
&CBFT2 3 PQ	WWL 4 LA	WESH 2 FL
("Montreal")	2030 KATC 3 LA	WPBT 2 FL
unid channel 3	WEAR 3 FL	&Cuba 6
@CFAPT 2 PQ	2130 KENW 3 NM	WEDU 3 FL
("TQS")	24 Es 1330 WEDU 3 FL	WUFT 5 FL
CFCHT 4 PQ	WPBT 2 FL	1630 &Cuba 3
(Bulletin Board)	1400 unid ch 4 XEW	1640 WBRZ 2 LA
12 Es 1130 XHRIO 2 TA	KGBT 4 TX	New dish installed
1253 KGRV 5 TX	KIII 3 TX	5 tr 1646 W33AR 33 IL 150
KGBT 4 TX	XEX 6 ??	(Rockford WCIU-26)
1330 KIII 3 TX	1800 XEPM 2 CH	Es 1753 CBMT 6 PQ 929
XEFB 2 NL	25 Es 1430 WHSV 3 VA	CKMI 5 PQ
1700 KDTN 2 TX	WUND 2 NC	CFRS 4 PQ
13 Es PM KIII 3 TX	26 Es 2157 KCRA 3 CA 1645	WABI 5 ME
XEFB 2 NL	27 Es 2300 KNAZ 2 AZ	WCAX 3 VT
KWGN 2 CO	KNMZ 2 NM	2215 KGFE 2 ND 642
KJACT 4 TX	28 Es 0000 KVBC 3 NV	CKCK 2 SK
17 Es 0200 KNMZ 2 NM	0200 KTVK 3 AZ	2300 CKBI3 4 SK
0330 KUTV 2 UT	1500 WPBT 2 FL	CKND2 2-MB
0350 unid ch 2 Mexico	1800 KPRC 2 TX	6 tr 0508 K54DB 54 WI 190
0355 KNAZ 2 AZ	KJAC 4 TX	(Madison LPTV)
18 Es 0900 WPBT 2 FL	1812 KXMA 2 ND	0800 Pirate? 14 IL 47
(See Note # 1)	1900 CKCK 2 SK	Es 1830 KOB 4 NM
WTVJ 4 FL	29 Es 1100 unids 2-4 Canada	KNMZ 2 NM
1000 WWL 4 LA	1730 WEDU 3 FL	2200 XEJ 5 CH
1030 WDSU 6 LA	WPBT 2 FL	KENW 3 NM
1130 (See Note # 2)	KIII 3 TX	KGBT 4 TX
1149 XEFB 2 NL	KRGV 5 TX	2230 KRIS 6 TX
1225 KRGV 5 TX	KGBT 4 TX	2300 XEFB 2 NL
1227 XEX 6 ??	2200 KNAZ 2 AZ	8 Es 0117 XHY 3 YN
XHRIO 2 TA	KVOA 4 AZ	tr 0534 K23CI 23 IA
1309 unid ch 6+ XHGC		(Ottumwa KCCI- 8)
1430 KGBT 4 TX		K25DE 25 IA
unid channel 3	July 1989	(Ottumwa KDSM-17)
unid ch 5 XEW	2 Es 1600 WUND 2 NC	K27CV 27 IA
1520 XEPM 2 CH	1650 WESH 2 FL	(Ottumwa WHO- 13)
XHFI 5 CH	WPBT 2 FL	9 tr 0212 W28-- 28 ??
XHIT 4 CH	WTVJ 4 FL	(Unknown Three Angels)
19 Es 1125 WPBT 2 FL	WSAV 3 GA	Es 2200 WFSB 3 CT
20 Es 1230 KNMZ 2 NM	WEDU 3 FL	
unid ch 2 French	3 Es 1830 WBRZ 2 LA	

Jeff Kadet (continued)

16 tr 0452 W45-- 45 ??	23 Es 1300 KREX 5 CO
(Unknown LPTV)	KIDK 3 ID
Pirate 14 IL	1330 KTVX 4 UT
(AN w/blank	KCNC 4 CO
bulletin board)	24 tr 0342 W24AI 24 IN 210
10 tr 0015 &W46AR 46 WI 232	(Michigan City TBN)
(Milwaukee LPTV)	0420 W22AJ 22 IL 190
0125 &CBLFT17 68 ON463	(Waukegan LPTV)
&CBLFT10 48 ON466	(Thanks B Draeb)
0135 &CBLN2t 34 ON	0431 &W69BT 69 IN 249
0215 &CICO59 59 ON 466	(South Bend WCIU-26)
0236 &CICO28 28 ON 561	25 Es 1700 WUND 2 NC
0237 CIII 22 ON 477	1730 WWAY 3 NC
0359 WPTT 22 PA 561	2200 KIII 3 TX
0440 WPGH 53 PA 561	2300 KOB 4 NM
0444 &WUTV 29 NY 631	KNMZ 2 NM
0450 &WDLI 17 OH 494	KNME 5 NM
&WFMJ 21 OH 527	2130 CFAC 2 AB
&WNED 17 NY 631	2155 unid ch 4 nw
&WKBN 27 OH 527	2330 KOAA 5 CO
0500 WNYB 49 NY 631	(See comments)
W28-- 28 ??	2345 KTWQ 2 WY
21 Es 1800 CFAPT 2 PQ	26 Es 0030 CBFT2 3 PQ
Es 1100 WPBT 2 FL	2335 KMID 2 TX
KJAC 4 TX	22 Es 2100 KACV 2 TX
WESH 2 FL	tr 0750 W33AS 83 WI 235
2130 XHRIO 2 TA	(La Crosse KTTG-10)
11 Es 1310 XET 6 NL	Es 0830 WPBT 2 FL
1324 XHIT 4 CH	27 tr 0437 St James U's 315
KIII 3 TX	28 Es 1130 KDBC 4 TX
KENW 3 NM	1200 KACV 2 TX
WPTV 5 FL	XEJ 5 CH
1333 KDBC 4 TX	KVIO 6 NM
2100 CFSK 4 SK	KNMZ 2 NM
(Ch 4 - Cable 3)	1355 KNMZ 2 NM
(ID by Frank M)	1430 KAMR 4 TX
CKCK 2 SK	1507 KOB 4 NM
2200 KMSE 4 ND	29 tr 0500 &CBLFT10 48 ON466
2300 CKBI 5 SK	&CICO59 59 ON 466
1200 KREG 3 CO	

Note # 1 - 06/18/89 @ 0900 - Regarding WPBT-2 - had weird beeps on their audio carrier at 59.713 and 59.793 MHz.

Note # 2 - 06/18/89 @ 1130 - Two way radio or other stations on 72.06, 72.10, 72.15, 72.26, 72.34, 72.40, 72.42, 72.97, 75.54, 75.82, and 75.98 MHz - all of these are between channels 4 and 5.

Hated to give up the 1110, but it would have been too risky stacking it above the dish. Channel Master doesn't make a hi-bander with 1110 technology so I had to settle with the Winegard which isn't as good. On the other hand, it is 50 feet asl higher. The Finco and Stereo Probe 9 will have to do for lo-band tropo. The absolute best rumor of the summer is that KTVO-3 will not be rebuilding their fallen 2000 foot tower due to insurance problems. What had been a wonderfully clear channel 3 here for E skip became a disaster because of the new tower which was higher, closer, and they circularly polarized the signal to kind of turn the knife a little bit. They even bought a full page ad in the Macomb paper announcing THE TOWER and offering to give away free channel 3 yagis (I got one to try to null them out, to no avail). If this is true then all will be right with the world.

There are a multitude of new stations on the air that never ID. Why ID? The "Don't Worry - Be Happy" FCC doesn't care. For example, the new channel 28 south of here begins their broadcasting day with a color bar test pattern with no ID. Sign/on consists of the national anthem, followed immediately by cartoons!

Why stay on frequency? For almost two years, WTJR-16 has been broadcasting on channel 15 as well. Often times, WTJR-16 will be covered by WNDU-16 here while WTJR-15 is in the clear.

Why get a license? I believe I have logged my first TV pirate. It is on channel 14 from Manito, Illinois, about 47 miles east of here. As a service to the non-cable subscribers of Manito, the town government in conjunction with the local cable company is broadcasting the cable's bulletin board on channel 14. It took seven phone calls to three states to track this one down!

The station to the northwest on July 20 on channel 4, while CFAC-2 was in, is a big mystery. Its ID consisted of a small 4 in a white circle and small 5 in a black circle (or visa-versa) in the upper left of the screen. CKBI is the obvious guess, but with high powered satellites on other channels, it makes no sense that they'd only list channel 4 and

Jeff Kadet (continued)

5. Is this perhaps a ch 4 with its signal on cable ch 5? Another Canadian mystery; who is the CKOO on ch 4?

The new Mexican on channel 6 ID's as XEX, Altozomani / XHAJ Las Lajas. I think this is the XHAJ-6 I counted back on 06/26/88. XHAJ is actually on channel 5. However, I can find neither Altozomani or Las Lajas on any map. Programming on XEX consists of US satellite stations and local ads. On June 18th, they were rebroadcasting KCNC-4 complete with weather warnings. For a brief fleeting moment I thought I had a KCNC translator.

Lastly, there is a new product which was mentioned in the July, 1989 Popular Science which may have some DX applications. It is called "Saf'nShielded", manufactured by International Paper. It is a paper thin fabric made of nickle-coated graphite fibers. According to the manufacturer, it attenuates signals up to 40 GHz by over 100 dB, and it can be installed like wallpaper. If one was into E skip and lived close to a local, it would be interesting to see what would happen with a barrier of Saf'nShielded placed between rabbit ears and the local transmitter. 73

(Jeff, see my comments with Frank Merrill's Note #4 for my guess on your channel 28 unid with Three Angels Broadcasting. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CDT

Equipment:

Corner reflector UHF antenna @ 63 feet, AC-4990 preamplifier, .412 hardline, Zenith System III, ten element ch 2-6 yagi in attic.

May 1989

21 Es 2200 KNAZ 2 AZ 1308 29 tr 0427 W36AO 36 IL 7 Es 1344 KJRH 2 OK 591
 22 tr 0300 W24AI 24 IN 0432 WSFJ 51 OH 420 1400 WSB 2 GA 698
 (Michigan City TBN) 0440 WHIZ 18 OH 440 9 Es 1200 QHSJ 6 NB 1092
 (Through WVTY-18) 1206 CFCM 4 PQ 920

June 1989

18 tr 0058 W27AU 27 WI 127 0442 WFMJ 18 OH 469 0448 WBRZ 2 LA 888
 (Wausau WJFW-12) 0448 WBRZ 15 VA 639 1355 CJBR 3 PQ 1052
 20 tr 0132 W33AR 33 IL 55 0455 WDRB 41(IN) 375 0217 WDLI 17 OH 444
 (Rockford WCIU-26) 0503 WTVQ 36 KY 435 0226 CBCE 16 ON
 0311 K38CL 38 MN 0534 KBSI 23 MO 392 0230 W69AV 69 MI
 (Winona KITN-29) 0545 WOSU 34 OH 390 (Leland W46AD)

Es 1300 KACV 2 TX 855 30 tr 0130 Cleveland 19, 43 (With WHME-46)
 1358 KNMZ 2 NM 1042 0200 WTSE 61(WV) 486 0745 WPGHT 53 PA
 21 tr 0048 KSHB 41 MO 387 0211 WDLI 17 OH 444 0746 WOAC 67 OH 442
 0122 KQMC 34 OK 675 0213 WJET 24 PA 479 0750 WPCBT 40 PA
 0123 KMCI 38 KS 422 0215 WTTT 28 OH 390 0757 CBLN 40 ON 410
 0128 KTBO 14 OK 675 0246 WETO 39 TN 602 22 Es 1200 KNMZ 2 NM 1042
 0220 KSNF 16 MO 496 0316 unids 43, 59, 65 KACV 2 TX 855
 0243 KDOR 17 OK STV (Iron Mtn ?) 1230 KOAA 5 CO 857
 0310 KSAS 24 KS 562 0320 CBCE 16 ON 1300 KRMA 6 CO 853
 0422 KDEB 27 MO 447 CBLFT10 48 ON373 KCNC 4 CO 853
 0424 KAVI 43 OK 675 0337 CBLFT17 68 ON356 1308 KWGN 2 CO 853

0506 KOKH 25 OK 675 0347 WAKC 23 OH 423 23 Es 1045 KMOL 4 TX 1073
 0549 KTKA 49 KS 440 0411 WKYT 27 KY 435 1100 KNME 5 NM 1061
 0556 KZKC 62 MO 383 WDRB 41(IN) 375 1130 KOB 4 NM 1061
 25 tr 0325 unid ch 24 TBN 0440 WFMJ 21 OH 469 1200 KACV 2 TX 855
 0329 CIII 22 ON 0444 WKBN 27 OH 469 1213 KNMZ 2 NM 1042
 0330 W36AO 36 IL 0447 WBNX 55 OH 416 1230 KNAZ 2 AZ 1308
 (Palatine LPTV) 0449 WYTV 33 OH 469 1300 KAMR 4 TX 855
 0606 CBLN# ?? ON 404 0454 WTAP 15(OH) 481 25 Es 1040 KPRC 2 TX 993
 29 tr 0137 Cleveland 19,43, 0509 WEOA 49 OH 420 1143 KMID 2 TX 1035
 and 61 409 0527 WOAC 67 OH 442 28 Es 1200 KMID 2 TX 1035
 0156 WBNM 21 KY 397 0528 WNEO 45 OH 460 29 tr 0138 W28-- 28 ??
 0212 WDLI 17 OH 444 0558 WLKI 62 KY 435 (Unknown religious)

0335 WVFT 27 VA 634 July 1989 0152 W22AJ 22 IL (Waukegon LPTV)
 0400 WFEC 38 VA 629 2 Es 1730 KETS 2 AR 513 31 Es 1030 KENS 5 TX 1073
 0411 WTTT 28 OH 390 KJAC 4 TX 928 1110 WGBT 4 TX 1262
 0418 WVIZ 25 OH 410 7 Es 1300 WBRZ 2 LA 888 KGBT 2 LA 888

My little corner reflector antenna is having the time of its life. I found it in the attic when I moved into the house. I'll bet it never had reception like this before. The channel 27 translator on Mosinee Hill, W27AU, is very promiscuous, accepting any channel 12 input that seems to be around. It really messes things up.

Nathaniel Ely (continued)

I expected more tropo action this month (July), but it never came to pass. E skip seemed good, although I don't have a decent VHF set up yet.

Fred McCormack ID'ed my channel 36 with 3/4 color bars as W36AO, Palatine, Illinois. Apparently it triangulates well with Bill Eckberg's reception. W28-- is a tip off from Jeff Kadet. Mt. Vernon is only a guess. There was a preacher with a West Frankfort, Illinois address when I saw them. W22AJ, as per Bill Draeb, is an LPTV which runs a 3/4 color bar all-night. I've been seeing it for about six weeks, but haven't included it in my log until now. Also seen a couple of times is W46AR from Milwaukee. The test pattern says Weigel Broadcasting. Will this be the third TV station owned and operated in Milwaukee by Weigel? They own W65BT (WCIU-26, Chicago) and WDJT-58. That's all for now, Nate

(Nate, see my comments with Frank Merrill's Note #4 for my guess on your channel 28 unid with religious programming. fm)

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

Not much, but a little bit to report this month. The biggest news, if you can call it that, is channel 15 (K15BQ according to TV Factbook) which went on the air July 25th relaying WCLF-22. That will effectively block Fargo, Ottumwa, Salina, etc. on channel 15.

June 1989

26 tr 2200 K22CP 22 KS 2 Es 1330 KIDK 3 ID 21 tr AM K39AJ 39 NE
 (Salina KAKE-10) CKCK 2 SK (Malcolm TBN)
 5 Es 2000 WBTY 3 NC K61CU 61 NE
 8 tr 1000 KVRR 15 ND (Lincoln LPTV)

July 1989

2 Es 1200 KBME 3 ND 13 tr PM KMEG 14 IA (Lincoln LPTV)
 1230 KWSE 4 ND 21 tr AM K15CN 15 KS 24 Es 2030 KVBC 3 NV
 CFSK 4 SK (Salina TBN) 25 gw K15BQ 15 KS
 1330 KTVQ 2 MT K22CP 22 KS (Topeka WCLF-22)

Nice to see the North Dakota skip as well as KVRR-15 for only the second time.

Jim Pizzi, 814 Brookhill Drive, Paso Robles CA 93446

MDT

Equipment:

9" RCA with rabbit ears. Radio Shack VU-210 with preamplifier.

June 1989

11 Es 1020 KOAA 5 CO 17 Es 1159 KMID 2 TX
 KARD 3 KS KENW 3 NM
 2 Es 1036 KACV 2 TX 1023 KSNC 2 KS 1200 KWAB 4 TX
 16 Es 1204 KREM 2 WA KCNC 4 CO ("KTPX ID")
 19 Es 1130 CFACT 2 AB KTWO 2 WY 1232 KOCO 5 OK
 (ID as 2/7) KDUH 4 NE 1238 KTVY 4 OK
 20 Es 1217 XHQ 3 SI 1101 KOTA 3 SD 24 Es 1111 XHQ 3 SI
 1231 XHBS 4 SI 1130 KRTV 3 MT 1129 XHII 4 CH
 1235 XHLPT 2 BS XEW 1230 CFAC 2 AB 29 Es 1923 KSNC 2 KS
 12 Es 1100 CFAC 2 AB
 1115 CERN 3 AB
 1153 KOMO 4 WA
 1200 KING 5 WA

July 1989

7 Es 1200 KMID 2 TX 4 Es 1100 KRTV 3 MT
 8 Es 1100 KACV 2 TX 6 Es 1014 KTVY 4 OK
 KNMZ 2 NM 1100 KACV 2 TX
 1430 KOMO 4 WA 1436 unid ch 3 ABC 1130 KSNK 3 KS
 KING 5 WA 14 Es 1300 KDTN 2 TX (ID w/KOOD)
 KLEW 3 ID 17 Es 1029 KFDX 3 TX 1158 KLBV 4 KS
 11 Es 0830 KENW 3 NM 1059 KDUH 4 NE 1222 KWGN 2 CO
 0848 KOB 4 NM KACV 2 TX (Veri by sat. F1-14)
 1229 KCNC 4 CO

Thought I'd break the long silence and send in a report. Not much time to DX. I'm working two jobs now. One of them part time at Radio Shack a couple of blocks from home. That's when I use the VU-210. No permanent outside antennas allowed where I live. I have used a conical setting on a bush when I note some E skip on the rabbit ears. Works well as I can flip it to the vertical too. Not too much tropo to speak of around here. I'll drop a report whenever I've had some loggings. 73's, Jim

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

July 1989

Table of TV DX loggings for July 1989, listing call signs, frequencies, and locations. Includes entries for stations like WKBT, CFAC, KTVI, WLB, KJR, etc.

August 1989

Table of TV DX loggings for August 1989, listing call signs, frequencies, and locations. Includes entries for stations like KRIN, KNLJ, KDSM, etc.

It was nice to see E skip pick up in July and early August to make up for June!

Here are some recently received loggings from William Draeb (see October for the rest):

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

Table of TV DX loggings from William Draeb, listing call signs, frequencies, and locations. Includes entries for stations like KPRC, KBTX, KNLK, etc.

EASTERN TV-DX

EDITOR: John F. Combs, 1308 Willow Branch #24, Jacksonville FL 32205

Reports from TV-DXers in the states of AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT & WV, the provinces of NB, NF, NS, ON, PEI & PQ, and all of the Caribbean.

SEPTEMBER 1989

Next Deadline: October 1st

TRANSATLANTIC E-SKIP RECEIVED IN CONNECTICUT!

European TV signals were logged via multiple-hop E-skip on July 9 by Rich Turcsany of CT. To my knowledge, this is the first report of such an opening by a WTFDA member on this side of the Atlantic.

In other TV-DX news, the first 10 days of July saw a flurry of E-skip activity. Hi-band activity was noted by western NY DXers on the evening of July 4th, up to channel 8, but with no IDs.

Some of the loggings in this month's column are a bit dated. Please, please try to report your loggings on a monthly basis. Your reports are much more meaningful and useful when published with other reports of the same period.

Rich Turcsany, 40 Ferndale Ave., Stratford CT 06497

JULY 1989

Table of TV DX loggings for July 1989, listing call signs, frequencies, and locations. Includes entries for stations like W1700, W1716, W1718, etc.

An unbelievable opening... dudes! I didn't think that I would come across any channel E2 reception in the non-F2 period, but this is probably the best E-skip I've ever noted from here.

DX DISTANCE PRINTOUTS are still available. So why haven't any been ordered in over 3 months? Beats me. Only \$7 U.S. brings a printout of your exact distance to all U.S. and Canadian TV stations direct to your mailbox.

Bob Seybold, 10567 Bennett Rd.
It has been a long time since I did observe some E-skip in Dec in March. E-skip hasn't been channels 5 and 6 and FM. Troops No hills DX yet this season--tropo conditions improve here

Went in a report, but being busy with work is my excuse. I went in December and early January, also was in on aurora-induced skip the greatest this season, but have observed some (up to has been up lately (June 20-July 3) with humid conditions. From home site. Expect to venture to hills as soon as a summary of my recent DX:

MAY 15-31: E-skip on several days in this period, generally channels 2-4 including FL, GA, LA, AL, TX, OK, KS.
JUNE 1-30: Occasional E-skip throughout month, but only a couple of openings that were real good, up to channel 6, TX, AR, KS, NE, FL most frequently seen. No detailed loggings made. Troops June 20-30 generally good in early morning and evening up to 450 miles, especially to west: Chicago seen often, also Milwaukee, Columbus, Dayton, Cincinnati, Green Bay, Indianapolis, WKO 43, new WIIB-63 Bloomington IN seen on a couple of occasions, also WINM-63; Michigan U's often good with several solid evenings of reception. Other new stations seen here include WADL-38 Mt. Clemens MI (seen daily), new Canadians on 42 and 22.

[Following is second report received from Bob--jfc]

E-skip really bloomed on July 4 with a great opening into Florida and that area. Several hours of intense steady signals on TV chs. 2-6 and to top of FM band; even briefly into TV channels 7 and 8 with no Es (but suspect FL). Skip overrode all locals even on FM, including one FM only 2 miles away. All days since have had E-skip, sometimes to north and south at same time (such as NS, VA, and FL evening of July 7).

JULY 4: Noted E-skip at 1600... built up very rapidly into all lo-band channels, and hit TV channels 7 and 8 by 1900 and later. Opening lasted until past 2300. Logged WPBT-2, WTVJ-4, WCIX-6, WJXT-4, WUFT-5, WPTV, WBRZ-2, KATC-3, WNL-4, WDSU-6 + others along Gulf Coast. Many intense signals made IDs difficult so went to FM.
JULY 5: E-skip 1200 and later on and off, only a few IDs: KTBS-3, WBRZ-2 LA; KBTX-3 TX.
JULY 6: Gone entire day, but suspect there was E-skip. [Yup--jfc]
JULY 7: Another good Florida opening, also to northeast and south Gulf Coast. Peaked 1700-2200 with some skip earlier. Logged NB on 2,3,5 + other Canadians on 4 and 6 to northeast; WBRZ-2, KATC-3, WNL-4 in at same time. Opening then peaked to south, especially to Florida. Logged all lo-band FL stations plus other Gulf Coast lo-banders with strong signals. Troops good in this period (July 4-7) with IN seen often; also IDed new 48 out of Toledo (LPTV) which solved a puzzle on that channel!
JULY 8-13: Troops good through this period, especially early morning and evening. MI stations good, northern IN seen; occasionally Chicago U's, Indianapolis, Dayton, etc. E-skip on most days generally channels 2-4: FL, Gulf Coast, TX and Dakotas.

That's it for now... Bob Seybold. A 3rd report from Bob later in the column--jfc]

Bill Nienstedt, 98 Highland Ave
JUNE 1989
23 Es 1924 WLBT-3 MS 1059
1929 WBRZ-2 LA 1190
2107 unID-3 ABC
24 Es 1030 unID-2 PBS
25 Es 1200 WLBT-3 MS 1059
1434 MUF 97.5 mHz
1558 WSIL-3 IL 794
1600 WPSD-6 KY 815
28 Tr 1730-1900 S. New England U's, WCDC-19, Boston 38,56
JULY 1989
2 Es --- MUF to 92.9 mHz
1228 WSIL-3 IL 794
1727 KSNW-3 KS 1242
1726 unID-6 PBS
3 Tr 0825 WLTH-15 PA 126
+ Harrisburg U's s/free
1959 KCTV-6 GA 880
2034 MUF 96.9 mHz

Clifton NJ 07011
JULY 1989
Es **** MUF to 107.9 mHz +!
0915 unID-2 ABC
2035 WLBT-3 MS 1059
1 Es --- MUF to 104.1 mHz
1900 KDLH-3 MN 978
Es 1728 MUF 90.3 mHz
Es --- Several openings:
(1223 MUF 107.9 mHz to FL)
(1800 MUF 90+ Maritimes)
(2030 MUF 105.5 to Gulf)
1735 Heavy CCI 2-6
1740 CJON-6 ? NS T
1751 CJAP-3 ? NS T
1754 unID-3 FF
10 Es 0900 WDSU-6 LA 1161
1801 WISG-3 WI 799
11 Es 1745 MUF channel 4
16 Es 1245 MUF channel 5
17 Es 1725 MUF channel 4
2015 unID-3 Cuba??
18 Es 1745 MUF channel 4
2100-2135 MUF 92.7 mHz



Many DXers were probably ready to write off the 2nd half of the season. Then July comes, and... super outstanding DX! 5 days of E-skip into FM in row. July 4 had Es wiping out 2-6 at Bob Smolarek's house. I've never seen Es so intense! MUF was said to go to channel 7. July 7 had multiple openings. I'll bet some DXers had two-hop on that day. July was, hands down, I've ever seen or heard.

Tom Bryant, 849 Todd Preis Drive
JUNE 1989
7 Ms 2336 unID-3 FF baseball
8 Tr 0158 KTVI-2 MO 257
12 Es 2132 unID-3 FF rx/sports
2142 unID-3 SS rx
18 Es 1050 unID-3 Cuba Net-6
1128 KENW-3 NM 963
1131 KIDY-6 TX 837
1159 KACB-3 TX 832
1230 unID-3 color bars
1240 KET-6 NL

Nashville TN 37221
JUNE 1989
18 Es 1257 KFDX-3 TX 675
1504 KIII-3 TX 851
2100 KSKW-3 ? KS T
2159 KENW-3 NM 963
1959 KTVS-3 CO 926
2029 KENW-3 NM 963
2139 KREG-3 CO 1138
[out of order:]
1943 unID-3 SS
1248 KIII-3 TX 851

Tom Bryant (Continued)

[Footnotes to Tom's report on previous page:]
1 [Sounds like you were in the middle of some Canada-Mexico 2-hop, Tom!--jfc]
2 Narrow full vertical color bars, no ID, in/out for 2 1/2 hours.
3 Character generator dual ID with XEX and XHAJ [XHAJ is still on 5, Tom. This would be XET-6 Monterrey, which others have reported as IDing with XHAJ-5--jfc]
4 "Muchas Noticias" behind newscaster; small vertical "eco" in dark circle.
5 Same as "eco" above, but airing a SS Siskel/Ebert-type show and promo for "Mujer." [The former is probably "Hablamos de Cine" and both shows air on Univision in the U.S. I've never seen the mysterious "eco" on Univision, only on frustrating E-skip unIDs like Tom's, and I was under the impression that "Hablamos," like many programs run on Univision, is produced specifically for the U.S. Hispanic market. Someone, somewhere must know what "eco" is! HELP!--jfc]

Table with columns for date, call sign, frequency, and location. Includes entries for Michael Hollis, Mary Esther, and various stations like W61BL, WJCL-22, etc.

Es has picked up lately with openings both in the morning and evening hours. MUF's on most days have been channel 5 or higher. Troops along the Gulf has disappeared due to the daily thunderstorm activity. Totals after 7 months back at the controls is 273. The next 150 will be hard to get.

Greg Coniglio, 5100 Glenwood Drive, Williamsville NY 14221

Table with columns for date, call sign, frequency, and location. Includes entries for KYTV-3, KJRH-2, etc.

May was fairly good for Es-- the 31st was good & the 30th was excellent. There has not been a very good opening yet in June---the 20th the best.

Morris Sorenson, Box 422, Port Carling ON POB 1J0

Table with columns for date, call sign, frequency, and location. Includes entries for CIII2-2, CIII1-6, etc.

Quite a bit of skip in late June and early July, but nothing strong enough to ID since!

DX in Kingsport, TN:
 JULY 1989
 26 Es 1127 KIII-3 TX 1069
 1129 unIDs-2,3 NBC,6
 1129 KJAC-4 TX 791
 1142 MUF 90.3
 1159 KBTX-3 TX 877
 1227 KMOL-4 TX 1037
 1459 KAMR-4 TX 1083
 1828 unID-2 SS
 28 Es 1958 KTVS-3 CO 1142
 1959 KLNE-3 NE 955
 2003 unID-3 ABC
 2058 unIDs-2,3 NBC,4
 29 Es 1153 unID-2 CBS
 1359 unID-3
 1400 leave for Nashville, TN
DX in Nashville, TN:
 JULY 1989
 2 Es 2025 unID-2, CCI on WKRN
DX in Knoxville, TN:
 4 Es 1658 KENW-3 NM 1108
 1659 unIDs-2,3
 1659 KDFW-4 TX 769
DX in Kingsport, TN:
 4 Es 1925 return from Nashville, TN
 1928 unID-3 FF
 1935 KCNC-4 CO 1252
 1936 KTVS-3 CO 1142
 1951 MUF 105.9
 1955 KDUH-4 NE 1172
 1956 KLBV-4 KS 1044
 1958 unIDs-3 PBS,6 PBS?
 1959 KACB-3 TX 1077
 2010 unID-4 CBS
 2029 KBTX-3 TX 877
 2058 KFDX-3 TX 922
 2128 KATC-3 LA 721
 2129 KJAC-4 TX 791
 2145 KRIS-6 TX 1065
 (with 3/4 CB!!!)
 2152 MUF 106.5 to TX
 2203 unID-2 NBC
 2226 KGBT-4 TX 1146
 2258 KMOL-4 TX 1037
 5 Es 0008 unID-2 SS
 1859 WPBT-2 FL 735
 1902 2 unIDs on 5...
 WCYB briefly off
 1908 WCIX-6 FL 761

Hi! I hope all DXers are logging lots of skip. July started out great, then abruptly stopped for almost a week before picking up again almost as strong as in the first part of July! Doesn't it always feel like when E-skip stops suddenly for more than 3 or 4 days you fear you'll never see it again and don't know what to do without it? At least it came back! Congratulations to all who caught great skip on 7/4! I was traveling on that day, and made the mistake of checking DX at my sister's apartment in Knoxville. There it was! The Raleigh address is effective August 19, so it is already in effect now. Hope to log some E-skip in Raleigh along with a plentiful portion of those tasty tropes that were fantastic the first couple of days I arrived! 73's to all, Matt.

Jim Renfrew, 61 Wilcox Street, Rochester NY 14613-3832
 JULY 1989
 8 Tr 0945 WESH-2 ? FL T
 1000 WPBT-2 FL 1190
 1105 WVAR-3 (AL) T
 8 Tr 0630 CJOH1-6 ON 70
 10 Es 0950 WBRZ-2 LA 1180
 12 Tr 1000 WCNY-24 NY 75
 17 Tr 0920 CIII12-2 ON 130
 23 Tr 0055 CBLFT-25 ON 100
 0130 WUTV-29 NY 60

Here I am with my first report to Eastern TV-DX. I finally carried an old TV up into the attic and attached the "Rembrandt" rabbit ears I found at a garage sale. The ears go through the skylight (DXing not a good idea on a rainy day). I suppose it is "low-tech" but on the first try I got some E-skip. Rochester is ideal for E-skip as all VHF locals on hi-band. (Not a bad showing for bunny ears, Jim! Welcome to the column---jfc!)

Joel Rosenberg, 19 Glenayr Rd., Richmond Hill ON L4B 2W3
 MAY 1989
 25 Tr 2330 WUTR-20 NY 215
 28 Es 2300 CCI-2
 31 Es 1500 CCI-2
 1940 unID-3 OK map
 2030 MUF 92.9 mHz
 2100 KAMR-4 TX 1315
 JUNE 1989
 1 Es 2130 CCI 2-4
 2 Tr 0800 WKBD-50 MI 215
 3 Tr 0700 WBNX-56 OH 220
 5 Tr 0745 CIO032-32 ON 210
 0745 WGTB-30 OH 250
 7 Tr 0745 WUTR-20 NY 215
 0745 CCI-35 Montreal??
 12 Tr 2300 CIO092-55? ON T
 13 Es 2000 CCI-2
 2200 WPBT-2 FL 1250
 2325 WESH-2 FL 1010
 14 Es 1755 KJRH-2 ? OK T
 16 Es 1700 CCI-2
 18 Es 1330 WBRZ-2 LA 1115
 20 Es 2100 WESH-2 FL 1010
 23 Tr 0800 Y-town U's s/free
 0800 WAKC-23 OH 220
 0800 WNEO-45 OH 200
 0800 WPTT-22 PA 235
 0800 W58AM ? OH T
 Youngstown (WNEO-45)
 2358 CIO093-42 ON 122
 2359 CIO092-55 ON 126
 24 Tr 0840 WYTY-33 OH 200
 0840 WNEO-45 OH 200
 25 Es 1640 unID-2,3
 28 Tr 0700 WXON-20 MI 215
 0700 WKBD-50 MI 215
 0700 WRGT-45 OH 375
 0700 WTJC-26 OH 350
 0700 WKBF-22 OH 375
 0700 WCET-48 OH 420
 0730 CIII12-2 ON 210
 0730 CIO032-32 ON 210
 30 Tr 0025 WAKC-23 OH 220

We moved 3 miles north from Thornhill to Richmond Hill and slightly higher ground. We moved in late October 1988, but I did not get the equipment back until May 24, 1989: the identical system as before... 48 ft. tower, CDE rotor, 1047 Delhi VHF w/RG-59, 8-bay boattie UHF w/.412 hardline, 6-element FM yagi w/.412 coax also. Conditions are generally improved. There is always a sign of W58AV Buffalo @ 60 miles, being watchable quite often. There is almost regular daily "local tropes" to Rochester (105 miles), Erie (125), Syracuse (175), Watertown (150) and even WUAB-43 seen daily on troposcatter. When conditions are up a bit Youngstown, Akron, and Detroit come in. Other than the opening on June 28 and perhaps July 7, nothing beyond 250 miles seen on tropes. Skip seemed infrequent compared to normal June, with more, but weaker, openings in July. Glad to be back aboard. 73's, Joel. (Glad to have you back!---jfc!)

Tom Yingling, Jr. (KA3TCC), 221 Pinewood Road, Baltimore MD 21222-2345
 JULY 4: at home QTH Es 2000+ WEAR-3 (AL) -3 CUBA net-6 in color
 Tr 1700 WHTJ-41 VA WEDU-3 FL -6 CUBA net-6 in color //
 (double-call ID WLBV-3 TX [Aha, they do have NTSC color---jfc]
 w/WCVE-23) WLBV-3 MS

JULY 9-12: at KILL DEVIL HILLS NC (Days Inn)
 tropo every night from 2000-0400 (composite listing):

WPDE-15 SC	WEDH-24 CT	WRF5-33 FL	WTOG-44 FL	WNJT-52 NJ	WFCT-62 NC
W16AJ FL	WTAT-24 SC	WTVX-34 FL	WNRW-45 NC	WEDN-53 CT	W63AM VA
WYED-17 NC	WNYE-25 NY	WQFL-35 FL	WRF1-45 FL	WLG-55 NY	WNAC-64(MA)
WJKS-17 FL	WPBE-25 FL	WSBE-36 RI	WJZY-46 NC	WAYK-56 FL	WVSP-65 NJ
WHCT-18 CT	WAGT-26(SC)	WPDQ-36 NC	WNJU-47 NJ	WLV1-56 MA	WEDY-65 CT
WCCB-18 NC	WTWS-26 CT	WSBK-38 MA	WAFP-48 AL	WGBS-57 MA	WHS1-66 MA
WUNN-19 NC	WTFX-29 PA	WDZL-39 FL	WVCB-49 PA	WVCX-58 PA	WHS1-67 NY
WTFX-20 CT	WFLX-29 FL	W40AH VA	WEDW-49 CT	W59AT NY	W68AH VA
WVCB-20 FL	WVIT-30 CT	W42?? ? ?	WJCB-49 VA	W60AL VA	WHS1-68(NY)
WLIW-21 NY	WAW5-30 FL	W6SE-43 SC	WNJM-50 NJ	WVIC-61 CT	WFMZ-69 PA
WNJS-23 NJ	WNYC-31 NY	W44A1 NY	W5CV-51 FL	WTGI-61(NJ)	WVEU-69 GA
WHMC-23 SC					

JULY 1989: at OCEAN CITY MD EQUIPMENT USED:
 19 Tr 2130 WLIW-21 NY
 WSBK-38 MA
 21 Es 1800 KPRC-2 TX
 WBRZ-2 LA
 WWL-4 LA
 to WLBV-3 MS
 KBTX-3 TX
 WDSU-6 LA
 2000 CBFT-2 PQ
KPRCTVHOUSTON 2
WLBV 3 NEWS
 Kill Devil Hills
 9" color TV (unknown brand)
 Teknika 6510 tuner
 Channel Master 3' corner reflector
 Winegard PA-8275
 Sony 8mm camcorder to record DX
 Sony Watchman 2" B&W TV
 Ocean City
 Bradford 505 5" B&W TV
 Winegard AC-4990
 old pay-TV ch. 50 yagi
 rabbit ears for skip

1 Non-stop music videos: ID as "The Breeze."
 2 HSC same time as WFMZ-69, so not them. [I think more likely WYHS-69 FL, Tom---jfc]
 Here's my latest TV-DX. Much of it is from my vacation. It may be interesting to other WTFDA members who go to the beach for vacations and take along a TV and antennas. Most NC loggings in every night, some one night & not the next.

I didn't have time to even approximate distances for Tom's loggings, save for eliminating sub-200 mile relogs. However, the south FL stuff is at least 800 miles distant, and Tom's logging of W16AJ probably comes close to some of Carlon Howington's xltr records. Now I know how to make a bundle: buy a beach house at the Outer Banks and equip it with top-notch TVs, amps, antennas, tower, etc., then rent it out to TV-DXers!---jfc!

Jeff Falconer, Box 63, Clinton ON N0M 1L0

Table of TV reception reports for Jeff Falconer, listing dates, times, frequencies, and station call signs.

* CBC News for eastern Canada. CBHT?

* Somehow I missed this before...

* Maybe LPTV? Quiz show between Toledo high schools. (Yes...W48AP Toledo--jfc)

Conditions have been great: lots of Es and a nice tropo opening on June 25. Was thrilled to see some 2Es on July 6 from Puerto Rico, definitely my best TV-DX to date. At times the audio was garbled like Au skip. 73 and hope everyone is seeing good stuff. Jeff.

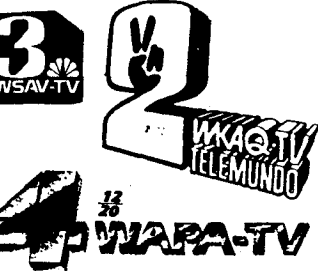
Charles Gauthier, 3260 Beaujeu, Brossard PQ J4Z 2P7

Table of TV reception reports for Charles Gauthier, listing dates, times, frequencies, and station call signs.

I'm just back from a one week vacation in south Jersey and I would like to share with all the members the kind of tropospheric reception that can be found there. The ocean (which was polluted by sewage water and medical waste 4 days out of 7!!) was quite cooperative on the night of the 19th, boosting TV signals out of CT and MA. (Hmmm... maybe the signals were reflected off the medical waste? We've discovered a new form of propagation: syringe scatter!--jfc) As for DX here, this morning (7-23) was cloudless and typical for tropo, and indeed it was the best westerly opening in two years. 73's, Charles.

Frank Wheeler, 6589 Wattsburg Road, Erie PA 16509

Table of TV reception reports for Frank Wheeler, listing dates, times, frequencies, and station call signs.



-----[ED. NOTE: The next 2 reports received too late to merge with earlier ones--jfc]-----

Bob Seybold, 10567 Bennett Rd., DupKirk NY ("SEYBOLD III: The Search for DX") A brief report to follow up to last report. Troops has improved here lately. Very humid, warm conditions are aiding the tropo. New channel 26 out of Michigan (W26AB Detroit--jfc) is now received here frequently, a 24-hour station on new Channel America network. New low-power channel 14 out of Binghamton (assume W14AH, listed as TBN--jfc) received first time today (July 24). Also, some new channel 51 LPTY station out of Pennsylvania (religious programming) received almost daily, no ID seen yet. (I'd guess that one to be W51AO Brookville PA, licensed to "Praise Time Ministries.") Brookville is about 1/2-way between Clarion and DuBois--jfc Channel 26 Jamestown NY (WTJA) on occasionally.

JULY 15-23: Troops up on many days, but only to about 400 miles. Good, steady signals to 250 miles on many days. Ft. Wayne in often, also South Bend, Michigan U's quite good most days, sometimes very strong. Indianapolis in often, especially WHMB-40. Dayton, Columbus in often; Green Bay, Chicago and Milwaukee in now and then. JULY 24: Strong signals out of Indiana, plus Sandusky, Bowling Green and others--super signals. Seems to be big build-up tonight: WICD-15 giving CCI to WANE-15, a good sign. JULY 25: E-skip channels 2-5 1000-1200 EDT. WDIQ-2, KTBS-3 and others across south Gulf Coast.

Greg Coniglio (The SEQUEL), 5100 Glenwood Drive, Williamsville NY 14221

Table of TV reception reports for Greg Coniglio, listing dates, times, frequencies, and station call signs.

* WNED-17 xitr relaying WDLI-17? (Doubt it, since WNED-17 was probably on--I'll check my fiche--jfc) * [There are 4 possibilities, Greg--jfc]

The first week in July was the best I've ever seen for Es. The 4th was amazing; my TV report is short due to spending 4 hours on FM. Some DXers told me they saw channel 7 skip that day; I heard NWS from Florida on 162.4 and 162.475 MHz. All in all, skip was to FL for about 5 or 6 days in a row. Thanks to Bill Kretschmer for helping me upgrade my equipment on the 24th: raising the antennas and switching to CAC-11 coax (less loss). The difference is obvious in my report. We discovered that the washer that made the connection between the lead-in and antenna was touching the 4-bay's mast--in effect, grounding it. That must be why I've been seeing nothing on UHF. Now the difference is night and day! Where is the new Global-22's tower, and what offset are they? (It's supposed to be near Stevenson. I don't know the offset; Canadian members can verify offset & let us know--jfc)

Bill Kretschmer, 104 Kopp Avenue, North Syracuse NY (\$=stereo +=SAP)

Table of TV reception reports for Bill Kretschmer, listing dates, times, frequencies, and station call signs.

Robert S. Ross (VE3JFC), Box 4373, Station "C", London ON N5W 5J21

Table of TV reception reports for Robert S. Ross, listing dates, times, frequencies, and station call signs.

Bill Hepburn, 1547 Mississauga Valley #1211, Mississauga ON L5A 3Y8
 APRIL 1989
 29 Tr 0435 CIII4-4 ON 91
 MAY 1989
 18 Es 2246 MUF channel 2
 20 Es 1855 MUF channel 6
 21 Es 2246 MUF channel 2
 22 Es 1229 MUF channel 3
 30 Es 2159 MUF 101.3 mHz
 JUNE 1989
 From NIGRA FALLS ON:
 2 Tr 2359 WADL-38 ? MI T
 2359 CIII1-22 ON 175
 3 Tr 0749 CII092-55 ON 140
 Back in MISSISSAUGA:
 6 Tr 2304 W62AF NY 98
 Ellington(WNED-17)

This June only the 2nd time in ON since 1977 that no stns loded by Es. July not much better. I went mobile up to the Muskokas region looking for CKVR on ch. 23, but couldn't find it. Not a cable spur--it disappears when I hook up the CATV. Also, it usually shows up during early morning trips. For now I won't completely write it off. 73s for now...

John F. Combs (N4SFS), 1308 Willow Branch #24, Jacksonville FL 32205 (904) 389-2451

JULY 1989
 1 Es 1206 KTVI-2 MO 751
 1205 KGAN-2 IA 1000
 1205 unIDs-3
 1221 WOI-5 ? IA T
 1230 KIMT-3 IA 1031
 1259 WCIA-3 ? IL T
 1300-1440 I'm away...
 1440 WLBZ-2 ? ME T
 1458 WGBH-2 MA 1010
 1548 CKCO2-2 ON 1010
 1720 CKCO2-2 ON 1010
 3 Es 1728 CHBK-2 ? ON T
 1730 CITO-3 ? ON T
 1740 CIII2-2 ON 1046
 1925 CBFT-2 PQ 1136
 1944 WSTM-3 NY 924
 1949 WCAX-3 VT 1093
 2020-2140 I'm away...
 2230 WDTN-2 OH 600
 2253 KGAN-2 IA 1000
 2344 KSNC-2 KS 1119
 6 Es 1119 CIII2-2 ON 1046
 1128 WJKB-2 ? MI T
 1158 CKCO2-2 ON 1010
 1200 WPSX-3 PA 768
 1208 CKVR-3 ON 975
 1257 KDKA-2 PA 709
 1304 WWSW-5 OH 763
 1326 WJKB-2 MI 842
 1334 WKYC-3 OH 764
 1429 WMMT-3 MI 876
 1443 WBBM-2 IL 864
 1459 KGAN-2 IA 1000
 7 Es 1042 WFSB-3 CT 932
 1045 CIII2-2 ON 1046
 1047 WGRZ-2 NY 873
 1047 WCBS-2 ? NY T
 1055 WPSX-3 PA 768
 1108 CKVR-3 ON 975
 1127 CBFT-2 PQ 1136
 1140-1205 I'm away...
 1207 WCBS-2 NY 836
 1207 WGBH-2 MA 1010
 1210 WJWB-5 MA 1010
 1216 WSTM-3 NY 924
 1217 LNE-6 (RI) 973
 1223 WNTV-5 ? NY T
 1225-1535 Many of above in all afternoon...
 1535-1845 I'm away...
 1912 WCAX-3 VT 1093
 1919 CBFT-2 PQ 1136
 1920 CBFT2-3 PQ 1166
 2002 WJWB-6 ME 1111
 2026 CIOH1-6 ON 987
 2157 KTVI-2 MO 751

* Live ABC "20/20" with "Global Television Network" ID supered--interesting that this is run // ABC. = Running SS pgm "Mexico Lejano"--never jump to conclusions when hearing SS on Es! = With NBC "alternating" BB game, Montreal vs. Houston. Just what are the "blackout" rules these days? = Definite 20 kHz beat with XHRIO, so a minus (-) offset--add this info to your station guides. (Comments and other stuff on next page.....)

John F. Combs (comments continued from previous page...)
 July turned out to be a good month for skip, probably much better than my loggings show. I hurt my back at work early in the month, and took some time off while recuperating, so I was able to be at the dials for some of the best stuff. I missed the hi-band skip on the 4th (didn't hurt myself until the 5th, hi) but the 7th was excellent! Skip already hot and heavy at 1042 i/n, then in all day until at least 0130 the next morning. Up at 1055 the next day...there it is again. I've managed some more channel 6 IDs in spite of the FM QRM on the channel--it's a matter of nulling the FM garbage as much as possible and waiting for the Es signal to become strong enough to poke through. I especially enjoyed logging some new Canadians...CKCO2-2 and CKVR-3 get boring after several relogs. The main "pest" this year has been KGAN-2...it's usually either them or KJRH-2 here, whereas in Orlando KPRC-2 was the station I'd get sick and tired of seeing. After the mid-month lull noted by everybody, the last week and a half of July saw increased Es levels, but by then my back was better (rats!) and TV-DX no longer had priority! Two new states this month (VT, NM) bring me up to 33 states logged...321 total stations.

IMPORTANT

Due to my increasingly hectic schedule, I find it difficult to continue producing a quality column every month and get it in on time. I am therefore resigning my position as EASTERN TV-DX editor. Do continue to send reports to me until further notice...if a new editor is found, I will forward any reports on hand to him/her.

NEW COLUMN EDITOR NEEDED A.S.A.P. If you are interested in taking over this column, and feel you are qualified, please contact Bill Thompson at club HQ (P.O. Box 514, Buffalo NY 14205) IMMEDIATELY and advise him of your interest. The ideal candidate would be someone who has been involved in the TV-DX hobby for some time, possesses a computer, good word processing software and at least a near-letter quality (NLQ) printer. The column can be done on a typewriter (most of us did that for years in the VUD), but the flexibility of a computer makes the job MUCH easier.

Do not be deceived--producing a column like this is hard work! It has been a labor of love for me, and I hope the next editor has that same kind of dedication. If I had it to do over again, I would encourage more reporters (especially those with long reports) to use a paragraph-type narrative format (see Bob Seybold's reports for a good example) rather than the three-column detailed-logging format. Comments from reporters lead me to believe that fewer DXers make use of others' detailed loggings anymore. The narrative format saves space, and is easier on the editor.

To all who have supported my efforts, a heartfelt THANK YOU. I will continue to contribute to the VUD in the form of feature articles, and will also consider a column that is done on a non-deadline basis if offered. Until then, I will say (for the last time)...IT'S BEEN REAL.....JOHN.



STATION BREAK

WTFDA
 P.O. Box 514
 Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

WANTED - High quality tape recordings (cassette or VHS hi-fi) of KYMS 106.3 Santa Ana, CA or its imitators. Will provide tapes and postage. T.K. McVey - 9906 El Dee Drive - Ellicott City MD 21043

WANTED - Would like to hear from TVDXers on the first antenna they bought -- year -- manufacturer -- anything they feel would interest me on results they got with it; assembly, etc., number of elements, type (conical, vee, etc). Trying to gather some info for possible article. Al Tobia - 7603 Linden Court - Newark CA 94560

MICROFICHE READER WANTED - Cheap. (repeat) CHEAP. Need not be pretty or state-of-the-art, merely functional. State postpaid price (and remember, I ain't rich!). John F. Combs - 1308 Willow Branch #24 - Jacksonville FL 32205.

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

SEPTEMBER 1989

Southern FM DX is for DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KA, KY, LA, MD, MO, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Also DC. Please report soon!!

DEADLINE: 10th

JULY ES IMPRESSES

July's Es came alive for a number of DXers after a rather disappointing June. The first half of July was best for the Es. While Es dominated the DX scene, trop did not go unnoticed. Distances logged ranged up to 615 miles.

Fred Laun, (K320), 6801 Huntland Road, Temple Hills, MD 20748

Equip.: Denon TU-800, Radio Shack FM antenna on chimney about 30'.

7/4 Es (EDST)

1830 KLSA 90.7 LA Alexandria
1837 KYEA 98.3 LA West Monroe
1840 KDEL 100.9 AR Arkadelphia
1901 KJCS 103.3 TX Nacogdoches
1914 KJNA 99.3 LA Jena
1940 KZLR 94.9 AR Pine Bluff
1948 KHBH 93.5 AR Monticello
1956 KUAR 89.1 AR Little Rock
2012 WFFF 95.7 AL Tuscaloosa, "Fox 96"

7/4 Es

2015 WDJC 93.7 AL Birmingham
2132 KJJC 88.1 TX Pasadena
2148 KLSU 91.1 LA Baton Rouge

7/5 Es

1911 WCTQ 92.1 FL Venice (FM At.#11)
1912 WKZY 92.1 FL "Southwest FL", not listed
1916 WQLM 92.7 FL Punta Gorda
1933 WAYJ 88.7 FL Fort Myers
2047 KRKZ 93.5 OK Altus

My attention was divided between this and working the 50 and 144 MHz ham bands, so the reports are not as extensive as they might have been. For those in New Jersey the MUF reached 144 Mhz. on July 4, as we could hear hams there working Es on 144 Mhz. into LA and FL. Nothing here though.

David Shapiro, 484 Hammond Dr., Griffin, GA 30223

FM DX has been spectacular to say the least. To me, this is the best year ever for it around these parts any way. On 7/7-89, ZBM 89 FM in Hamilton, Bermuda was heard with Id's & satellite rock programming with John Calhoun from 1pm to 2:30 pm EDT with a clear signal. At 6pm to 6:30 pm EDT CIOK FM K100 on 100.5 was heard with The Mike Shannon playing the top tunes & giving time checks. The station is in St. Johns, Newfoundland, my farthest FM catch. On 7/9, WPOR FM 101.9 Portland, ME was heard with "Ray's Deal Program" between 10:30-11:00 am EDT. Many unID French Canadian FM stations were heard on that same day. My open invitation still holds for New England & Quebec FM DXers to exchange cassette tapes with me.

Jeff Kruska, 5855 Walnut Creek Rd. #A105, River Ridge, LA 70123

Equip.: JVC R-K200 receiver

6/18 Es (ALL loggings new)

1243 KKAZ 100.7 WY Cheyenne, ID
1250 KIMN 107.9 CO Fort Collins
1315 KSLV 95.3 CO Monte Vista, ID
1329 KRTN 94.3 NM Ramon, local nx
1342 KRYT 92.9 CO Pueblo
1345 KKLY 105.1 CO Delta
1353 KKEB 99.9 CO Fruita, ID

6/23 Es

2034 unID 92.9 MI? Iron Mtn., Norway ment., maybe bleed over from 93.1?
2141 WLST 95.1 WI Marinette, ID
2056 WLIT 93.9 IL Chicago, ment. of Chicagoland, nw IN

7/3 Es

2100 KKFM 96.5 CO Colorado Springs, r

7/4 Es

1032 KSQY 95.1 SD Deadwood, "K-Sky"
1524 WRBS 95.1 MD Baltimore, ID
WKRZ 94.1 VA Yorktown, Keys country
1753 CFMK 96.3 ON Kingston, ads
1754 WCMF 96.5 NY Rochester, IDs
1800 WWSH 97.9 PA Hazleton
WPKY 97.9 NY Rochester
1813 WHUD 100.7 NY Peekskill, EZ listening
1826 WRKI 95.1 CT Brookfield, I-95
1832 WJNL 96.5 PA Johnstown, ID
1838 WZFP 92.9 VT Burlington, lite r 1345

7/4 Es

1926 WNGS 92.9 PA Wilkes-Barre, Magic 97
1938 WKXZ 95.1 PA Chambersburg, Z-95
1955 WSTW 93.7 DE Wilmington, r
2001 WKXZ 93.9 NY Norwich, lite rock
2007 WFEL 96.5 PA Montrose, lite r
2053 WQMX 94.9 OH Medina, "Mix-95"

7/7 Es

2136 KGWY 100.7 WY Gillette, Campbell Co. ment.

tr

2207 KKBQ 92.9 TX Houston, 93-Q

Es

2210 KWKR 99.9 KS Leoti, ID
2219 KRWN 92.9 NM Farmington, "Crown-FM"
2224 KWYK 94.9 NM Aztec, "95 Quick"

7/8 Es

1250 KRWN 92.9 NM Farmington, "the Crown"
1252 KMGN 93.9 AZ Flagstaff, ID
1314 KAFF 92.9 AZ Flagstaff, "Kaff country"
1323 KQNM 93.7 NM Gallup

7/11 Es

2025 unIDs 92.9, 93.7, 93.9, 95.1 in Spanish

7/13 tr

0650 WSLI 96.3 MS Jackson 155
0715 WKVI 96.5 LA Shreveport 385
KKHT 96.5 TX Houston 315

7/16 Es (in car)

1927 unID 93.9 "B-94", top 40 cont.....

SOUTHERN FM DX

7/18 tr (in car)

0704 KSGS 96.3 TX Fort Worth 455
0706 KYKZ 96.1 LA Lake Charles, "Kicks" 260
0708 KTBO 93.9 TX San Angelo, ID 615!
1853 KLTR 93.7 TX Houston, "K-Lite" 315
2007 KMXR 93.9 TX Corpus Christi 470

Kruszka, cont.

7/18 Es

2033 WJNL 96.5 PA Johnstown, ID
2048 WLTV 92.9 PA Pittsburgh, ID
2053 WHTX 96.1 PA Pittsburgh, ID
2056 WWSW 94.5 PA Pittsburgh, "3WS"

This is my first report to Southern FM DX! (Welcome to the column, Jeff, DE) Actually, I've been FM DXing sporadically over the years but have mainly concentrated on TV. Now that I've moved down South, tropo is once again a possibility, and E-skip is more readily identifiable and will help pinpoint TV pta's.

Gas Mancuso, 5615 Inwood St., Hyatts, MD 20785

Picked up the following skips while bandscanning near Charlottesville, VA between 7-10 pm on 6/18.

88.7 KRVS Lafayette, LA

KUHF Houston, TX

90.3 KKED Corpus Christi, TX

91.1 KLSV Baton Rouge, LA

93.9 KMXR Corpus Christi, TX

95.5 KZFM Corpus Christi, TX (\$ red light)

96.5 KLTC Corpus Christi, TX

97.3 KMDL Kaplan, LA

98.5 KWXX McAllen, TX

99.1 KDEA New Iberia, LA

104.1 KHOU(or KHOM?) Houma, LA

7/23 tr

1730 WYII 95.9 MD Williamsport

1749 WGLL 92.1 PA Mercersburg

1800 WQZK 94.1 WV Keyser

1801 WFTR 95.3 VA Front Royal

(left to play softball)

2100 WLTV 92.9 PA Pittsburgh, Tropo #200

2105 WKSJ 94.3 PA Greencastle

2145 WFOX 99.3 VA Front Royal

2150 WFBC 98.1 PA Altoona

2115 WROC 102.9 MD Cumberland

2140 WEST 104.9 VA Strasburg

2148 WAPP 105.5 VA Berryville

2205 WJGO 106.1 MD Cumberland

7/23, had a co. softball game to play in 20 mi. n.w. of here, decided to take full advantage of "50 mile triangle rule." Found outlet to plug into behind supermarket building, formed perfect corner, open to north and west only, with structure shielding to south(DC)and east(Balt.). Results sped for themselves. Being 10-20 miles closer to these stations somewhat of a factor, also, most likely.

Re my report in Aug. VUD, still haven't IDed French station on 95.9. No 95.9 in south LA, 95.9 in Woodville, Miss. off air? No mail response(so what's new?)no phone listing. Anyone know what it might have been? Note: Many stations in "Bayou" country use mainly English with occasional french, this is probably case. Re: my report 8/89 skips on 7/4. I'm told the two Tenn. catches were "short skip".

Bandy Toner, N6KLJ, 50 Thistle Ridge, Eureka, CA 95501

6/11

(good tr to Sacramento region & bay, app. 300)

1910 KZST 100.1 Santa Rosa, ID, m

2115 KPFR 100.1 Stockton, ID

2220 KHOF 104.1 Modesto, ID, r

2230 KXXX 99.7 San Francisco, "x-100", r

2230 KXPR 90.9 Sacramento, j

2235 KKHJ 95.7 San Francisco, c

2245 KKSF 103.7 San Fran., ID, j

6/13 Es

0722 CHQM 103.5 BC Vancouver, "QM-FM" ads

6/21 tr

1835 KSNM 104.7 CA Los Banos, "Kiss'n 105"

(farthest station to south to date)

7/8 Es

1305 KRCC 88.5 CO Colorado Springs, ID

(nothing heard on 91.5)

1357 KPRN 89.5 CO Grand Junction, ID

1402 KBYU 89.1 UT Provo, ID, c

7/11 Es

2155 unID 105.1 "CBC 540" ID, assume Saskatch.

7/12 tr

2105 KMHD 89.1 OR Gresham, ID

I rejoined WFTDA last May after regaining my interest in TV and FM DXing. Although I've joined the club 3 times in the last 14 years this is the first time I've reported. VUD is looking good and I've really been enjoying each issue - thanks to all those who have helped make it possible. I met Frank Merrill at the recent IRCA (medium wave) convention, and he encouraged me to report to the VUD. It was great talking with Frank about FM DX.

I have finally put together a good setup for FM DXing, and also have moved to my new home that is located on a hill about 400' above Humbolt Bay, and it seems to be a good location for deep fringe reception. I recently purchased a NAD 4155, my first ever decent quality FM b'cast rig and have installed my Radio Shack 10 el. yagi with a U-110 rotor. At present the antenna is only 15' AGL. This is not a problem as I am on a hill, but I want to raise it soon. The NAD works well but selectivity is not nearly what I would like it to be. The Schotz circuit definitely works in improving fringe stereo reception.

The month of June was spent logging as many fringe and close-in tropo stations as possible and getting familiar with them. There seemed to be a couple of good tropo days in June with good strong signals from Portland to the north to Los Banos to the south. These seemed to correlate with weak weather disturbances passing over the state at the same time. As of mid-July it seems that fairly good reception of stations from Portland, OR to Sacramento & and the Bay Area (approx. 300 miles) are not uncommon here. Per Frank Merrill my reception of CHQR Vancouver was likely by Es. On July 8, I experienced my first good sporadic E with nice receptions from CO and UT. This was a real thrill and I was amazed at how good the signals were during the peak. (CONT...)

The major drawback of this location for FM DXing is that most of the local FM/TV transmitters are all located less than 10 miles east of me on Barry Ridge and are clearly visible. Aiming the antenna in that direction usually results in Disaster! Consequently, I've little from that direction except Redding. It's encouraging that I heard CO and UT, although that was done with the antenna pointed straight south.

I'm pretty enthusiastic about FM DXing right now and plan to spend a lot of time at the radio and will report when I get a chance. I'd like to hear from any others who wish to contact me. 73. (Welcome to the club, Randy, and SFM! Thanks for telling how the NAD is.)

Greg Coniglio, 5100 Glenwood Dr., Williamsville, NY 14221

VACATION DX: Annapolis, MD:

Most DX was done on the car radio while driving around town, so exact times were not noted. Anyway here is a summary for the more interesting catches:

7/21 & 22 tr

93.7 WMYK NC Elizabeth City, o/semi lcl WSTW, rs 210
 94.3 WWOV NJ Avalon, o/more common WIGO 110
 94.5 WRVQ VA Richmond, o/dominant WDAG, Q-94 117
 94.7 WDSB DE Dover, right over local WLIT in upstairs room of Severna Park house 65
 95.7 WFLN PA Philadelphia, c\$, in despite strong WPGC/Wwin splash 110
 97.3 WGH VA Newport News, Top 40, 97-Star 135
 97.5 WFST NJ Trenton, dominated channel 135
 WKMZ WV Martinsburg, "KMZ", strong Sat. evening 90 ID
 97.5 WQOK VA South Boston, re\$, "K-Power, xmtr in NC, I believe at 220 mi. farthest
 99.7 WYFI VA Norfolk, g, despite WGAY/WFRE CCI + an WHFS image 160
 100.5 WCGS VA Norfolk, k 160
 100.9 WAAI MD Hurllock, k, new station is on the air 50
 101.3 WWDE VA Hampton, on boombox 160

103.3 WESRtVA Onley, lite rock over WARM 100
 103.7 WMBtVA Richmond, lite rock o/WXGY 117
 105.1 WIOV PA Ephrata, k, o/WAVA 100
 105.3 WZCL VA Norfolk, oldies 160
 106.9 unID aor o/WARX, WCGC Hartford? lines on local ch 26 at this time, would be 270

Although the dial was crowded at Annapolis, it was no more crowded than back at Buffalo (at least in the commercial band.) This reception reported above did not seem like it was out of the ordinary. On Sat. night though, Phila. stations were very strong. Normally, they weak and scatter. No FM skip, although lines were seen on cable on WRC TV-4 around 6 pm. What might inhibit DX here is that the FCC put stations so close together (Dover and Bethesda, MD 94.7, York, PA and Catonsville, MD at only 51 miles!), meaning even when you overcome locals, there's semi locals to deal with. (So why doesn't everyone move to Oklahoma and Arkansas where the price of housing is much cheaper, weather renting or buying, while enjoying the luxury of fewer metro areas and big mountains getting in the way of DXing.) All in all, I feel the potential for good DX is there at Annapolis, but only with above average equipment (the car radio is excellent). (Or folks, come to Lawton, Okla. and DX from the top of Mt. Scott.) I hope to see many reports of the 1st week of July super skip openings in Southern FM (as well as Northern). Some of that skip was the best I've ever seen. It will be interesting to see what members on the other side of the high E-clouds saw. 73s.

Doug Allen, W2crs, P. O. Box 5646, Woodland Park, CO 80866

7/3 tr & Es

0614 KYRZ 93.7 KS Salina, KY country 94
 0618 KZKX 96.9 NE Seward, k 500
 0630 ???? 99.3 ?? "High Plains Public Radio"
 2000 WPCB 94.9 GA Atlanta, ID
 2004 KQID 93.1 LA Alexandria, 93 QID
 2005 WSM 95.5 TN Nashville, ID
 2011 WJST 94.5 FL Port St. Joe, 10.spots
 2030 KAYD 97.5 TX Beaumont, ID
 2038 WAPI 94.5 AL Birmingham, 10.spots
 2039 WNLV? 91.7 ?? "your non-comm g station"
 2041 WLWI 92.3 AL Montgomery, "I-92"
 2043 KBAU 94.3 LA Galliano, "Bayou 94"
 2044 WRSJ 94.9 AL Mobile, "KSJ country"
 2058 WMAW 88.1 MS Meridian, promo, spots
 2101 WUWF 88.1 FL Pensacola, ID
 2113 WUFC 99.3 AL Monroeville, ID
 2113 WWRZ? 94.5 ?? ID, "Z Rock" Help
 2140 Wichita Stations in at 417 miles
 2145 KOSU 91.7 OK Stillwater 510
 2232 KRRD 107.3 KS Wichita, ID

7/3 tr

2744 KUDL 98.1 KS Kansas City, "98 KUDL with
 less talk", Best tr: 560 miles
 7/4 tr ducting & Es
 0010 KCPW 94.9 MO Kansas City, "power 95"
 0011 KJCK 94.5 KS Junction City, ID o/kE2U
 0100 KCEV 88.3 KS Wichita, ID
 0123 KYYS 102.1 MO Kansas City, "KY 102"
 0125 KMBR 99.7 MO Kansas City, ID, full q
 0128 KPKF 94.1 KS Kansas City, ID
 0131 KPRS 103.3 MO Kansas City, o/KJLS
 0138 KXXR 106.5 MO Liberty, ID, 570 (best)
 0147 KTKP 106.9 KS Topeka, new mode
 0149 KMAJ 107.7 KS Topeka, ID & singing ID
 0200 KBIAt 91.3 MO Columbia, j, o/u KRCC slop
 0810 KTKP 106.9 KS Topeka, still in, KS in nois
 0817 KJTY 88.3 KS Topeka g, local spots
 0926 WTNT 94.9 FL Tallahassee, "NT country"
 0928 WQGX 94.3 AL Greenville, ID
 0936 WKA 92.3 FL Orlando, local spots,
 "K92", best Es: 142 miles CONT.....

7/4 tr

0942 WYNF 94.9 FL Tampa, "95 YNF" 1514
 0943 WMEZ 94.1 FL Pensacola
 7/7 Es
 1956 KBK 93.5 AR Corning, local spots
 1957 WPCB 94.9 GA Atlanta, ID
 2000 WBBW 88.9 TN Chattanooga, ID
 2005 WJJM 94.3 TN Lewisburg, k, ID
 2006 WBSA 96.9 AL Decatur, ID, beautiful HSA
 2009 WRVR 104.5 TN Memphis, ID
 2011 WLSZ 105.3 TN Humboldt, local spots
 2013 WSAZ 106.5 TN Chattanooga, ID
 2033 WXRZ 94.3 MS Corinth, local spots
 2034 KZLE 93.1 AR Batesville, ID
 2036 WJDX 101.3 MS Meridian, k.spots, 1101
 2038 WJEN 103.7 AL Gadsden, ID, "Q104"
 2121 WHOP 98.7 KY Hopkinsville, ID
 2136 KQTE 91.3 OH Toledo, ID

7/9 Es

0941 WOSE 94.5 OH Port Clinton, 1.spots
 0946 WQTE 95.3 MI Adrian, 95, ment. Hillsdale
 0950 WHJY 94.1 RI Providence, "keep it at
 94 HJY" first kouble hop Es, 1775 mi. &
 state # 32
 0953 WRGN 93.5 OH Bowling Green,
 "Toledo's most imitated station-934"
 1000 WBNL 89.1 IN Ft. Wayne, ID
 1005 WBCL 90.3 IN Ft. Wayne, local nx, wx
 STATION #300

After mediocre Es conditions May and June, the band came alive in July. It was a month of superlatives for us, best tropo DX on the 3rd (570 miles), best Es DX on the 4th (1542 mi.), first double-hop on the 9th (1775 miles), four new states: RI, ND, ID, and MN. We logged 132 new stations during the month, half of them during a four day period. Our July goal of reaching 300 stations total, reasonable, given June's conditions, was quickly attained, and we finished the month with 400 stations possible before the August Perseids. The MUF was up to 144 Mhz on at least 4 occasions: July 7, July 16, July 22, 23, and 24. We worked 14 states on two meters Es during those openings. Our loggings for the second half of the month, including July 22-25 when the band seemed to be open all the time, will appear next time due to too much DXing and writer's cramp! Other news, would you believe that I was given a Stereo Probe 9 at our local Woodland Park Hamfest by a ham who bought a rotor and didn't want "the old FM antenna" that came with it. I plan to either mount it vertically or stack it above the other Probe 9.

Hank Holbrook, 407 Arundel Rd., Fair Haven Cliffs, Dunkirk, MD 20754

On Saturday July my good DX friend Norval Fagenhardt came over with a WINEGARD CS-6065 single bay FM yagi and Channel Master HD-5915 and we replaced the old Finco antenna and CDE rotor that had not worked in years. Just in time for the skip season!!! My receiver here continues to be a Scott 310E FM tuner with a Blonder-Tongue booster. Equipment from the 60s, but it's still "perking" like new!!

Station logged & reported. Underlined have already QSLd. (I'm an old fashioned DXer.

Stations must be QSLed here to count in the log, so I work hard for a QSL!!)

Tropo: 103.7 WXYX Havere De Grace, MD 50 mi. 4/23 0952-1100 EDT, ex-WHDG. This station is under new ownership and the v/s Bruce A. Collier who is a DXer also wants reception reports & uses special QSL stationery.

-90.7 W214AD Easton, MD 25, 6/1 0527-0602 Relays WGBL 89.9 Occasionally heard here.

Probably 1 watt. All g

-100.9 WAAI Hurllock, MD 40 6/2 0533-0601 k with polished announcer on AM program. Brand new station. Commenced operations 6/1/89. Solid here.

Es: 92.5 WQST Forest, MS 860 7/4 1813-1823 k w/ads & singing WQST IDs, Country 92, strong -107.5 KXKZ Ruston, LA 1020 7/4 1829-1845 Music with many commercials, frequent mention of KXKZ. QRM from WJMJ Magee, MS. GOOD.

-106.1 KMAN Monroe, LA 955 7/4 1847-1900 Good at times with QRM from some unID skipper Magic 106.

-105.1 KYAS Lufkin, TX 1210 7/4 1908-1920 "Kicks 105", k Your country leader.

(Sure, I missed a lot of stations on this opening but we were going out. Also I send reports to all stations I hear and only so much time to write them. But in 1 1/2 years I plan to retire. Then bring on the DX-HI!)

Es: 92.1 CBNY Yarmouth, Nova Scotia 670 7/7 1607-1636 CBC nx & sports, local wx plus a traffic report! Good w/ occasional QRM WVLT & WYST splash.

-92.3 CBAF Halifax NS 805 7/7 1647-1706 All French, sent report c/o of CBAF Moncton 1300 cont.

7/8 Es
 1349 KCTR# 102.9 " " Calls, Cat k
 1352 KLCE 97.3 ID Blackfoot 620 Classy, calls
 7/10/89 ES
 2018 KTL50 93.3 OK Ada 1380 OK, calls
 2025 KLUV 98.7 TX Dallas 1425 K-Love, incl wx
 2109 KACU 89.7 TX Abilene Calls
 2110 KRST 92.3 NM Albuquerque 875 Crest FM
 7/11/89 ES
 0825 XHT00 104.3 CH Cd. Juarez 970 Calls, # Ritmo
 0827 KTEP 88.5 TX El Paso EP ref
 0830 KPAS0 103.1 TX Fabens 995 Calls in Sp
 0831 XHENO 103.5 CH Cd. Juarez R. Rama de
 Juarez
 0832 KMVR0 104.9 NM Mesilla Park 940 Local, Magic 105
 XHUARE#106.7 CH Cd. Juarez Calls
 0843 KSNN 98.7 NM Truth or Conseq. 875 Local ad
 0845 XHEM 103.5 CH Cd. Juarez Calls
 0900 KYUF 104.9 TX Uvalde 1415 ID
 0908 KCHX 106.7 TX Midland 1175 K-Chix 106
 0922 KBAT0 93.3 " " Local ad
 0937 KIOL0 100.3 TX Lanasa 1160 Lcl, Oldies 101
 0939 KKHR 98.1 TX Anson 1275 Calls
 KODM 97.9 TX Odessa 1190 Local
 0941 KBIM0 94.9 NM Roswell 1030 SE NM, FM-95
 KIXY 94.7 TX San Angelo 1285 Kixy
 0943 KZOR0 94.1 NM Hobbs 1095 Calls
 0944 KTEO 93.9 TX San Angelo Calls
 0952 KSTV 105.7 TX Stephenville 1415 Local
 0953 KMYO 107.1 NM Arajo 875 Y-107
 0959 KKYN 103.9 TX Plainview 1150 ID
 1009 KATX0 97.3 " " Calls
 1011 KLSF0 96.9 TX Amarillo 1115 KLS
 1018 KOMX0 100.3 TX Pampa 1145 Pampa ad
 1025 KBXR 97.3 OK Weatherford 1300 Local ads
 1026 KRXO0 107.7 OK OKC 1350 Calls
 1032 KKCC 106.9 OK Clinton 1290 Clinton ref
 1033 KWDO 102.3 OK Woodward 1230 Woodward ref
 1049 KKF00 96.5 CO Colorado Springs 905 CO Spr ref
 1051 KNIC0 105.7 CO Lamar 1005 Lamar ref
 1052 KEZU0 94.5 KS Scott City 1115 Local ref
 1056 KHIH0 94.7 CO Boulder 895 Denver's Wave
 1058 KQLS 100.3 KS Colby Calls
 1100 KAZY0 106.7 CO Denver ID
 1101 KGNU 88.5 CO Boulder Local; ID
 1103 KDHT? 92.5 CO Greeley Sunshine 92-5
 1114 KOGA0 99.7 NE Ogallala 1090 Local ad
 1115 KSID# 98.7 NE Sidney 1005 Sidney ref
 1118 KLEN0 106.3 WY Cheyenne 925 Cheyenne ref
 1134 KTSD 91.1 SD Reliance 1200 SDPR
 1136 KBHE 89.3 SD Rapid City 1045 // 91.1
 1138 KPSD 97.1 SD Faith 1120 // 91.1
 7/12/89 GW
 1832 KABL-2 98.1 CA Pleasanton 20 New
 7/18/89 ES
 1918 KSJR0 90.1 MN Collegeville 1525 c (phone verie)
 1926 KESD 88.3 SD Brookings 1330 c // 91.1
 KTSD 91.1 " Reliance 1200
 7/19/89 ES
 1752 KMTH? 98.7 NM Maljamar Educ prog
 KELI?# " TX San Angelo b; antennas
 only 25' apart!
 1758 KBAT 93.3 " Midland 1175 Calls
 1805 KNFM 92.3 " " "
 7/22/89 ES
 1229 KACU 89.7 TX San Angelo 1275 Calls
 1715 unid 91.5 ?? FM 91-5 (argh!)
 1720 KYEZ0 93.7 KS Salina 1305 Salina ad
 1725 KLSI 93.3 MO KC 1445 Calls
 1730 KACU 89.7 TX San Angelo Calls

90.5 CBHA Halifax, Nova Scotia 805 7/7 1732-1802 CBC programming with a lot of Canadian news. Strong at times. Little QRM from WCRH.
 -90.7 KLSA Alexandria, LS 1045 7/7 2049-2112 Classical music with ID at 2100 Anybody have an address? Long distnat info has no KLSA listed.
 -90.1 KPFT Houston, TX 1250 7/7 at 2125 ID plus words of praise for Pacifica Foundation & suddenly dropped out to be replaced by local WDCU!!

John Jefferson, 4104 Spyglass Ct., Antioch, CA 94509-6051

July has already topped May & June combined, and we aren't half way through yet. I'd better scramble here to get it down before more happens. At this moment the logs show 29 new to the Diablo Area & 73 new to Antioch. To think a year ago the month failed to produce even one skip logging!

As usual, new to the Diablo log are underlined; @ means new to Antioch; # means the aux tuner & antenna were used.

TIME CALLS	FREQ	ST	CITY	DIST	REMARKS
6/24/89 ES			Supplemental!		
1020 KKHR#	98.1	TX	Anson	1275	Lone Star 98, Abilene
6/25/89 TR					
2147 KTUV0	94.7	CA	Los Angeles	330	Calls
7/1/89 TR					
1839 KPOD	97.9	CA	North Crescent	280	Calls, OR ad
7/3/89 ES					
2059 KMTH	98.7	NM	Maljamar	1015	ID w/KENW & xlaters
2135 KOFX	92.3	TX	El Paso	970	Fox 92.3 EP
7/6/89 ES					
2044 KKFR0	92.3	AZ	Phoenix	635	Phoenix ref
2048 KFLR	90.3	"	"		ID
7/7/89 ES					
2159 KJTY	88.3	KS	Topeka	1390	Joy-88; ID w/ KJTH 91.1
2201 KLSI0	93.3	MO	KC	1445	Lights out KC
2206 KXTR	96.5	"	"		Talk, c
2211 KJHK	90.7	KS	Lawrence	1395	S/off
2213 KHUM0	95.7	KS	Ottawa	1420	Calls
2230 KXCV0	90.5	MO	Maryville	1435	Calls
KANU0	91.5	KS	Lawrence		ID
2246 KEZ00	92.3	NE	Omaha	1390	Z-93 Omaha
2300 KXCV	90.5	MO	Maryville		S/off
7/8/89 ES					
0848 KNEN	94.7	NE	Norfolk	1285	Calls
0856 KACU	89.7	TX	Abilene	1275	"
1108 KGAM	90.7	KS	Wichita	1320	"
1131 XHUA	90.1	CH	Chihuahua	1135	Chih; s Vida
1134 KHAZ0	99.5	KS	Hays	1150	Calls
1139 KHSU	106.1	CH	Chihuahua		Chihuahua ref
1140 KHUQ0	106.7	KS	Hugoton	1115	ID
1152 KSPK	102.3	CO	Walsenburg	930	Walsen.; calls
1205 KQLS0	100.3	KS	Colby	1110	Colby; calls
1207 KGCR#	107.7	KS	Goodland	1080	Ann (ph verie)
1211 KRFX0	103.5	CO	Denver	910	103.5 the Fox
1213 KSYV0	95.7	"	"		Denver's new Sunny KS... C. CO ref
1222 KVO00	99.5	"	"		910 Calls, wx
1233 KWBI0	91.1	CO	Morrison	875	Calls
1250 KTRS0	95.5	WY	Casper	570	Logan, calls
1253 KVEF	94.5	UT	Logan		Casper, ph#
1256 KQLT	103.7	WY	Casper	795	Cody, Tag-FM
1322 KTAG	97.9	WY	Cody	835	Cody ad
1331 KZMQ	100.3	WY	Greybull	660	KRXK & FM-98
1333 KKQT	98.3	ID	Rexburg	640	Local, Kewpi
1335 KUPI0	99.1	ID	Idaho Falls	860	Local, Cool 95-5
1338 KKUL0	95.5	MT	Hardin	840	// 90.7, 91.7
1340 K213AU	90.5	MT	Big Timber	980	// 90.5, 91.7
KECC	90.7	MT	Miles City	860	Broadway mus.
KEMC0	91.7	MT	Billings	775	// 91.7
1341 K207AL	89.3	MT	Bozeman		Cozy, Billings
1347 KOOK	103.7	MT	Billings		

7/22 Es

1735 KANU 91.5 KS Lawrence
 1740 KLZK 98.3 TX Farwell
 1747 KKYN 103.9 " Plainview
 1759 KFOK 102.7 " Merkel
 1800 KLSC 104.7 " Lamesa
 1804 KBAT 93.3 " Midland
 1809 KVBG 104.3 KS Great Bend
 1813 unid 98.9 ??
 1822 KHOK 100.7 KS Hoisington
 1839 KGAM 90.7 " Wichita
 1853 KWEN 95.5 OK Tulsa
 1859 KOSU 91.7 " Stillwater
 1917 KLTO 94.7 TX El Paso
 1921 unid 93.1 TX

2050 KOSU 91.7 OK Stillwater
 2052 KEBC 94.7 " OKC
 2110 unid 90.5 ??
 2121 KCCV 97.9 CO Pueblo
 2125 KDCK 95.5 KS Dodge City
 2142 KMLT 97.9 TX Amarillo
 2144 KCCY " CO Pueblo
 2201 KWBI 91.1 " Morrison
 7/23/89 ES
 0941 KTCL 93.3 CO Ft. Collins
 0947 KSID 98.7 NE Sidney
 1133 KSJM 93.3 ND Jamestown
 1141 KODY 94.5 " Bismarck
 1159 KNTH 98.7 NM Maljamar

7/24/89 IR

0012 KTQX 90.1 CA Bakersfield
 0100 K296CE 107.1 CA Central Valley

MS

0459 KQRN 107.3 SD Mitchell
 0731 KINB 107.3 OK Poteau
 0749 KQMJ 99.5 " Henryetta
 0753 KOSU 91.7 " OKC
 0800 KKRK 107.3 KS Wichita

MS

0929 KFFM 107.3 WA Yakima
 7/29/89 ES
 1635 KMML 98.7 TX Amarillo
 1650 KDJW 94.1 " "
 1714 KECO 96.5 OK Elk City
 1733 KPDR 90.5 TX Wheeler
 1756 KZUM 89.3 NE Lincoln
 1758 KXCV 90.5 MO Maryville
 1849 KEBC 94.7 OK OKC
 KEVE 95.9 TX Perryton
 1851 KQMJ 99.5 OK Henryetta
 1853 KLTE 101.9 " OKC
 1859 KZBC 98.9 " "
 1900 KJYO 102.7 " "
 1910 KREK 104.9 OK Bristow
 1925 KKWK 97.1 " Muskogee
 1928 KTLS 93.3 " Ada
 1934 KEBC 94.7 " OKC

MS

1952 KKSNE 97.1 OR Portland
 1953 KKWK 97.1 OK Muskogee
 2000 KTLS 93.3 " Ada

8/3/89 ES

0756 KHOK 100.7 KS Hoisington
 0759 KEZU 94.5 " Scott City
 0800 KSOF 91.1 " Wichita
 0801 KOEZ 92.3 " Newton

or KQIZ Amarillo???

1395 "
 1080 "
 1150 Plainview ad
 1265 ID
 1160 "
 Calls
 1220 "
 Z-99
 1255 Local ad
 1320 Calls
 1420 K-95, Tulsa ad
 1365 Calls
 980 EP, K-Lite
 Z-93: KAMZ EP
 1355 OKC ad
 French fr ne!
 930 Calls
 1190 K-95, DC ref
 1115 K-Lite, lcl
 Calls
 910 Denver ref
 925 c,ann(ph verie)
 1005 Sidney ref
 1300 Calls
 1210 Bismarck ref
 1015 ID; only sta
 1147-1212!

220 j // 88.7 KMPO
 180 KFMF ID

1275 Mitchell ref

1490 Poteau ads
 1435 Calls
 " "
 1310 ID

620 Yakima ref

Calls
 KDJ...;Amarillo
 1245 Calls
 806 ph#
 1355 Calls
 1435 "

Calls
 1150 ID
 Calls
 OKC refs
 ID
 " "
 KJ-103 on hr!
 1400 Local ads, bb
 1450 Quick-97, wx
 1380 443-KTLS
 Calls

545 Calls;ant east!

E OK refs
 ID

Local ref
 1115 Calls
 Wichita ref
 1305 ID

SOUTHERN FM DX

8/3 Es

0803 KHAZ 99.5 " Hays 1150 Calle
 0807 KGCR 107.7 " Goodland 1080 "
 0824 KDCK 95.5 " Dodge City 1190 DC ref
 0828 KWBI 91.1 CO Morrison Local refs
 0831 KTLF 89.7 " Colorado Springs 910 Calls
 0843 KNIC 105.7 " Lamar 1010 SE CO refs
 0847 KIKX 102.7 " Manitou Springs 910 Kix 102.7
 0853 KSEC 93.3 " Lamar Lamar,wx,KC-93
 0900 KACU 89.7 TX Abilene ID o/ KTLF;
 continuous to 1025: calls @ 0932,0946,1016;ID 0959
 0917, 0927, 0948, 0957 &
 1002 KLUV 98.7 TX Dallas 1425 K-Love; Dallas
 at 0954; time @ 1002

0937,

0940 KMML " " Amarillo Calls

July wound up being a great month, with 41 new loggings (tying '76 & '82 for best July ever, but well short of 6/77's 49). There was a dead spell between 7/11 & 7/18, but 7/22-7/24 made up for that. Was working in Hayward (90-minute commute) 7/20-21 & stayed at my parents' 7/20, so may have missed something then.

Strange opening 7/18. Evidently a well-developed system drifted into extreme range as there was nothing but weak cci on 2 when I noticed KCJH Stockton was off & went after the new KTQX Stockton. At first assumed the c was from KCBX San Luis Obispo, but found it peaked to the ene. At first there was nothing else! When KESD & KTSB showed up, the TV had begun to intensify & it looked like a normal event.

Another strange one 7/24. Was running an ms monitor on 107.3 with KSTN off when weak lining appeared on 2. With nothing more going on I looked over at the FM & saw the stereo light on. KSTN is mono, & this was a weak signal (KSTN is 5 miles away). Put on the headphones just in time for a Poteau ad! Within a couple minutes there were fairly strong signals across the band & it seemed a normal opening. Had strong tropo from the San Joaquin Valley, so certainly missed hearing many signals that otherwise would have been there. Was beginning to wonder if I'd have to exit for work in the middle of a hot one. But by 0816 FM & TV were clear!

KKHR was totally missed 6/24 until I edited the tapes & found their "Lone Star 98" unid with "k for Abilene." The 6/25 entry was simply omitted, since it wasn't in the skip notebook. It's my first contact with Mt. Wilson here in Antioch - amazing, considering that I've had KJOI 98.7 several times from their 2000' asl (Wilson being 5000'+).

KSPK 102.3 & KKCC 106.9 are especially gratifying as they are both first skywave loggings on those channels. Only 101.3, 104.5, & 106.5 remain without skywave loggings.

As usual, new to the Diablo log are underlined; @ means new to Antioch; # means the aux tuner & antenna were used.

Denny Buntin, 1312 N. Skyline, Stillwater, OK 74075

Equip.: Onkyo T9090, Probe 9 up 34' with rotor

7/7 tr

0216 KOYN 93.9 TX Paris, calls, k, \$
 (not TN as in Aug. report)

0230 KIXQ 93.9 MO Webb City, calls,
 k, \$

Es

1436 WJJR 98.1 VT Rutland, calls
 1442 WBSU 89.1 NY Brockport
 1450 WHOM 94.9 NH Mt. Washington
 1455 CJFM 95.9 PQ Montreal, ID
 1457 CFMK 96.3 ON Kingston, ad

7/17 tr

1236 KYPC 101.1 KS Girard, r, wx, \$
 "Y-101"

7/17 tr

1242 KRCK 104.9 MO Carthage, wx, \$,
 "Georges K-105"

1246 KKL 95.1 MO Webb City, ID, wx, g, \$
 Well, I thought July's DX must have been mediocre for a lot of people until a flood of DX reports started coming in hear, strongly suggesting other wise. Either I wasn't on the ball about checking DX conditions often enough, especially trop wise or else much of the DX bypassed Oklahoma, especially Es wise.

I hope every one tries to tune into the trop this fall in case it works out good. Until next month, 73.

Keith Pugh, 227 Martin St., New Hope, AL 35760

Equip.: Onkyo T-9090, \$ Probe 9 at 30'

This has turned out to be the best July Es ever for me since I began DXing in '83! No other July comes close. The 4th had to be the best Es day of the year, but I missed most of it. Local hams reported a 15 min. period of 144 mhz Es to New England area on 7/4. 7/7 also strong, the best opening I was at the dial for any way. I risked the Onkyo by using it during a thunderstorm, for awhile, but with the 300 ohm "t" instead of the Probe 9. I don't think I'll chance it again though because a few days later a lightning bolt totaled my RCA 25' TV! The hit came through the power line as it blew some "lite" bulbs also. A TV in the bedroom that wasn't on at the time got turned on by the jolt.

7/4 Es

1817 WNSI 104.5 PA Philidelphia, ads,
"Sunny 104.5"
1823 WWRK 103.7 RI Westerly, rp, "WRX"
1832 WVKI 106.3 RI Woonsocket, rs, KIX-106
1833 WVKI 106.1 PA Phil., Eagle 106
1835 WLWH 93.7 CT Hartford, SS
1838 WKXE 95.3 VT White River Junction,
"KXE 95.3"
1847 WJJR 98.1 VT Rutland, b, ID
1850 KRCS 93.1 SD Sturgis, ID
1853 WNCB 96.7 VT Montpelier, rp, ID
1856 WKKS 93.5 VT Springfield, ads, Kiss93.5
1859 WRPT 91.5 NY Troy
1922 KGCH 93.1 MT Sidney
2112 WNTQ 93.1 NY Syracuse, "93-Q"

7/5 Es

1828 WUMU 94.3 FL Marathon, b, ID
1829 ???? 93.5 Cuba, SS, \$
1837 WOYV 95.5 FL Fort Pierce, r, ID
1840 WAIL 99.5 FL Key West, ID
1841 WCXL 101.7 FL Vero Beach, Crystal-FM
1844 unID 107.1 mono, ment. Bahamas, R, EE
1846 WNGS 92.1 FL West Palm Beach, Lite92.1
1850 WAVV 105.5 FL Vero Beach, k, Wave 105
1855 RJR 104.5 Jamaica, \$
1859 WSTF 101.1 FL Cocoa Beach, Star 101
1900 WHLG 102.3 FL Jensen Beach, ID
1901 WMLJ 102.7 FL Pompano Beach, rp, ID
1909 WXLV 95.7 FL Homestead, rj, ID
1912 WKZY 92.1 FL La Belle, Cozy Country
1934 WMCU 89.7 FL Miami, g, ID
1938 WMXQ 94.3 FL Riviera Beach, r, Mix FM
1955 KKYA 93.1 SD Yankton, ID
2006 WBCF 93.5 FL Belle Glade, r, ID
1009 ???? 92.3 CUBA, SS, \$

7/7 Es

1335 KDSU 91.9 ND Fargo, ID
1400 CFTI 92.1 MB Winnipeg, ID
1401 WIMK 93.1 MI Iron Mountain
1402 WHCF 88.5 ME Bangor
fade out till...
1723 CKBW 93.1 NS Shelburna
1730 CJYC 98.9 NB Saint John, C-98
1732 CIOO 100.1 NS Halifax, C-100
1733 CHFX 101.9 NS Halifax, Country 101, ID
1734 CJMO 103.1 NB Moncton, rp, Rock 103
1735 WOKQ 97.5 NH Dover, k, ID
1751 WCQL 95.3 ME York Center, Cool 95.3
1757 WGGL 93.9 ME Lewiston, ID
(1758 till 1843: w/300 dipole)
1759 unID 97.9 "CBC Radio", mono
1805 CBAFt 91.5 NB Campbellton
1807 WYOU 97.1 ME Bangor, ID
1807 GJNJ 93.1 NB Fredrickton, "KHJ"
1821 KHII 94.7 CO Boulder, "K-HI"
1837 CHLQ 93.1 PE Charlottetown, Q97, prov.7
1841 WFXR 93.5 MA Harwich Port, Fox 93.5, \$
...back to probe 9...
1919 WGAO 88.3 MA Franklin, ID

7/3 Es

1921 WTCC 90.7 MA Springfield, s
1927 WMGX 93.1 ME Portland
1928 WNTX 96.3 MA Nantucket, "Oldie 96"
1936 WME 92.3 ME Augusta, "92-Moose"
1942 WBRU 95.5 RI Providence, ID
1945 WBCN 104.1 MA Boston, "The Rock, BCN"
1946 WAEB 104.1 PA Allentown, "Lazer 104.1", ads
1950 WSRS 96.1 MA Worcester
1953 WMY5 98.1 MA New Bedford, ad
1954 WASH 97.1 DC Washington, ID
1955 WWR 101.3 VA Hampton, "2WD", prev. Au
1956 WCOD 106.1 MA Hyannis, r, ID
2000 WBJE 90.1 NJ Lincroft
2009 WSEA 93.5 DE Georgetown, ads
2108 KLYT 88.3 NM Albuquerque
2111 KSYJ 95.7 CO Denver
2118 KVUU 99.9 CO Pueblo, "k-View"
2119 KZYR 103.1 CO Avon, r, ID
2125 KQLX 93.1 CO Grand Junction, ID
2130 KYGO 98.5 CO Denver
2135 KSNQ 103.9 CO Snowmass Village, \$,
"K-Snow FM"
2142 KWLI 101.5 CO Eagle, "K-Lite 95.3", trans.
2151 KEPC 90.5 CO Colorado Springs
2157 KRAI 93.7 CO Craig, r, ID
2211 KVOO 99.5 CO Denver, c, ID
2223 KGRT 103.9 NM Las Cruces, ID
2251 XHSRO 92.5 NL Monterrey, city ref.

7/8 Es

1539 unID 90.5 "Salito-s", old disco, SS
1540+unIDs 92.9, 93.9, 94.3, 96.1, Mexico
1702 XHOY 90.7 JA Guadalajara, rs
1704 XHPI 93.1 JA Guadalajara, Estereo Arnistad
1715 XHSC 93.9 JA Guadalajara, local ads,
"Kentucky Fried Chicken!"
2005 CJLS 96.3 NS Barrington, ID

7/9 Es

1153 unIDs to 97.3 Canada
7/10 tr
1109 WTHQ 101.7 GA Thomson, ID
1140 WDEG 94.3 GA Americus, ID

Es

1201 KLYT 88.3 NM Albuquerque
1203+other Albuquerque's to 99.5

7/11 Es

1640 KBNR 88.3 TX Brownsville, SS
1641 KOIR 88.5 TX Edinburg, SS
1642 XHAAA 93.1 TA Raynosa
1648 XHMLS 101.5 TA Matamoros, city ID
1654 KIWWT 96.1 TX Harlingen
1658 XHSRO 92.5 NL Monterrey

7/18 Es

1506 XHRK 95.7 NL Monterrey, r
1506 XET 94.1 " "
1507 XHSR 97.3 NL " "
1521 XHJD 98.9 NL " " "Digital 99",
city ID, sr
1548 XHMP 95.5 COA Torreón, city ID

CONTINUED NEXT MONTH.....

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221

FOR DXERS in: Canada, ME, NH, VT, MA, RI, CT, NY, NJ, PA, OH, MI, IN, IL,
WI, IA, MN, ND, SD, NE, MT, WY, ID, WA, OR, AK, and HI
SEPTEMBER 1989 DEADLINE: THE 5TH

JOEL ROSENBERG - 19 GLENAYR RD. - RICHMOND HILL, ONTARIO L4B 2W3

(Note that Joel has a new address-ec)

MAY 1989

31 Es
2024 KNIN 92.9 TX Wichita Falls, thru local WBUF 1225
2028 KNYD 90.5 OK Broken Arrow 1070
2038 KVRP 95.5 TX Haskell 1310
31 Tr
2051WRQC 92.3 OH Cleveland Hts, 92-0 (slogan is now Hot 92-ec) 200

JUNE 1989

4 Tr
2233 WZPR 100.3 PA Meadville 160
5 Tr
2206 WFSE 88.9 PA Edinboro 140

We moved from Thornhill to Richmond Hill, about 3 miles north, in October. I finally got the tower back up on May 24. I just put up the old equipment with no changes: 48 ft. tower, CDE rotor and E element FM yagi with VHF and UHF heads on the same mast. That's it for now. 73's Joel

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC CANADA J4Z 2P7

Equipment: JVC RX150BK digital synthesizer receiver with rabbit ears

JULY 1989

2 Tr
0040 WRHP 107.9 NY Syracuse 244
4 Es
1655 WIXV 95.5 GA Savannah 1014
1659 WUFT 89.1 FL Gainesville 1222
1708 WAPE 95.1 NY Jacksonville
(The Big App) 1166
1724 WRBQ 104.7 FL Tampa 1345
1731 WCNB 101.7 FL Trenton 1243
1742 WYNF 94.9 FL Tampa 1345
1844 WBJW 105.1 FL Orlando BJ105 1277
1855 WKRG 99.9 AL Mobile 1320
1920 WNSL 100.3 MS Laurel 1298
1922 WKHX 101.5 GA Marietta 1020
1950 WLVE 93.9 FL Miami Beach 1448
1959 WTSU 89.9 AL Troy 1188
5 Es
1846 KMZU 101.1 MO Caroliton 1100
1850 KXTR 96.5 MO Kansas City 1186
1854 WBNQ 101.5 IL Bloomington 870
1859 WBRM 96.3 IL Chicago 740
1919 KUDL 96.1 KS Kansas City 1186
6 Tr
2326 CFMK 96.3 ON Kingston 173
7 Tr
1011 WRMM 101.3 NY Rochester 261
0120 WKFM 104.7 NY Fulton 195
7 Es
1230 WRMB 88.3 FL Boynton Beach 1370
1242 WLVE 93.9 FL Miami Beach 1448
1246 WHTO 96.5 FL Orlando 1227
1257 WKGB 90.7 FL Panama City 1275
1301 WRWQ 88.7 AL Dothan 1227
1303 WMCU 89.7 FL Miami 1448

7Es

1315 WDIZ 100.3 FL Orlando 1277
1320 WTKX 101.5 FL Pensacola 1307
1323 WJIS 88.1 FL Bradenton 1373
1557 WQVY 95.5 FL Fort Pierce 1336
1604 WQCS 88.9 FL Fort Pierce 1336
1613 ZBM 89.1 BER Hamilton 909

9 Es

1217 KKJO 105.1 MO St. Joseph 1180
1227 KHAK 98.1 IA Cedar Rapids 959
1228 KYKY 98.1 MO St. Louis 998
1233 KRNA 93.9 IA Iowa City 959
1234 KGBQ 94.9 IA Des Moines 1064
1304 KRGL 96.5 MO Grand Island 1316

10 Es

1735 WIKO 94.9 TN Greenville 827
1736 WPCH 94.9 GA Atlanta 1020
1748 WDRH 92.1 KY Pikeville 745
1751 WQEN 103.7 AL Gadsden 1059
1754 WKHX 101.5 GA Marietta 1020
1809 WZZK 104.7 AL Birmingham 1111
1812 WDKI 100.3 TN Oak Ridge 884

12 Tr

0847 CFMP 101.5 ON Peterborough 255

22 Es

1854 ZBM 89.1 BER Hamilton 909
1856 WLCE 89.9 FL Orlando 1277
1900 KMSU 89.7 MN Mankato 1077

23 Tr

0936 WXXI 91.5 NY Rochester 261
0938 CBEP 103.9 ON Peterborough 255
0942 WDMF 96.5 NY Rochester 261
0944 WRMM 101.3 NY Rochester 261

73's and Super DX, Charles

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 & Akai VO-4 FM Tuners - Stereo Probe 9 Antenna at 37 ft.

July 1989		22 Es (cont'd)	
5 Es		1124 KCSJ	107.1 CO Pueblo, r\$ 1037
1700-1830	Intense opening to French Canada. (See comments)	1126 KKCS	101.9 CO CO Springs, k\$ 1040
1800 CFIX	96.9 PQ Chicoutimi, r\$, mentioned Chicoutimi, "C-Fix"	1129 KTLF	89.7 CO CO Springs, g\$ 1040
1815 CIKI	98.7 PQ Rimouski, r\$, mentioned Rimouski twice	1134 KATM	100.7 CO Pueblo, r\$ 1037
2132 KDPK	89.9 ND Dickinson, j\$, //	1145 KEKB	99.9 CO Fruita, k\$, ads 1225
2132 KPPK	89.5 ND Williston, ND nx	1154 KDHT	92.5 CO Greeley, wx, r\$ 1055
2158 KEMC	91.7 MT Billings, nx, \$	1203 KPKN	89.5 CO Grand Jctn., j\$ 1220
6 Es		1211 KQIX	93.1 CO Grand Jctn., r\$, 1220
1300 WHIE	91.5 FL Cocoa-Melbourne, g\$ 859	1223 KUNG	91.5 CO Greeley, t\$ 1055
1316 WHIT	100.7 FL Fort Lauderdale, r 1018	2108 KMXR	93.9 TX Corpus Christi, \$ 1098
"1-100 - first with 3 FL's best new mx"		2121 KZRR	94.1 NM Albuquerque, r\$ 1216
6 tr		23 Es	
2300 WNYJ	102.9 IN Delphi, mr\$, s/off, 66 "Joy-103," (gets out poorly)	0953 KTXT	88.1 TX Lubbock, r\$ 1017
7 Es		1000 KENW	89.5 NM Portales, b\$ 1071
1745 WGAO	88.3 MA Franklin, r\$, 125w 740	1020 KROB	93.3 NM Albuquerque, r\$ 1216
1800 CBD	91.3 NB Saint John, CBC nx 1040	1038 KRWN	92.9 NM Farmington, r\$ 1260
1803 WMBD	89.7 ME Calais, nx, \$, ID 975	1047 KWYK	94.9 NM Aztec, r\$ 1250
1805 CBBN	89.5 NS New Glasgow, wx 1210	1051 KLYT	88.3 NM Albuquerque, g\$ 1216
1808 CBHA	90.5 NS Halifax, //89.5 1153	1059 KBZA	88.7 CO Alamosa, r\$, 1135
8 tr		1106 KKSS	97.3 NM Sante Fe, r\$ 1185
0100 WQTC	102.3 IN New Carlisle-South 124 "Country-102," Bend-Elkhart, k\$ (Dial cord on MR-78 broke, so using Akai)	1117 KKBZ	101.1 NM White Rock, mj\$ 1190
9 Es		1118 KKOR	94.5 NM Gallup, r\$ 1325
1300 Intense opening to French Canada, but no ID's		1122 KBCW	106.7 NM Los Alamos, l\$, SS ID, rancheros mx 1190
9 tr		1123 KTRA	102.1 NM Farmington, k\$ 1260
2348 KLYP	100.3 IA Des Moines, r\$ 440	1134 KKOS	101.9 CO CO Springs, k\$ 1040
2353 KOMJ	103.7 IA Atlantic, r\$, wx 510	1138 KRYT	107.9 CO Pueblo, r\$, 1037
10 tr		1142 KPCL	95.7 NM Farmington, g\$ 1260
0016 KREZT	104.1 IA Ames-Des Moines, 447 ID, (WLBC off Mon. mornings for 2 hours)	1156 KKKL	105.1 CO Denver, r\$ 1040
0100 KGGO	94.9 IA Des Moines, r\$ 440	24 Es	
0229 WBEZ	104.7 IL Morris, b\$, rare! 175	2319 KCME	88.7 CO Manitou Springs, 1045
0258 KGRS	107.3 IA Burlington, r\$ 315	o/WICR	Indy, c\$, ex-88.1
10 Es		2322 KRAZ	96.9 NM Farmington, k\$ 1260
1648 WXGL	93.9 ME Lewiston, r\$, ex-WAYU, "Eagle-94"	2323-2340	Relogo to CO Springs, Denver, Pueblo, Greeley, Fort Collins, & Craig.
1700 WBCF	88.5 ME Bangor, g\$ 904	25 MS	
1710 WBYR	95.9 ME Saco, r\$ 800	0341 KOYN	93.9 TX Paris 719
11 tr		26 MS	
1852 WJQJ	102.5 NY Buffalo, ex-WBEN (gave address, calls, & "Magic-102") (local WMDH off air - severe storm here)	0230 KMXR	93.9 TX Corpus Christi 1098
18 Es (w/McIntosh MR-78 fully repaired)		0325 KOYN	93.9 TX Paris 719
1901 WCIE	91.1 FL Lakeland, g\$ 861	0331 KOYN	93.9 TX Paris 719
1915 WQBA	107.5 FL Miami, SS ads, l\$ 1040	28 tr	
1923 WINK	96.5 FL Fort Myers, r\$ 959	0012 WKU	102.5 KY Nicholasville, s\$ 150 (ads for Lexington & Richmond, KY) (local WMDH again off air, but no storm)
1924 WAVV	101.1 FL Marco, mr\$ 1006	28 MS	
1929 WBEJ	100.1 FL Port Charlotte, r\$ 931	1200 KHCD	89.5 KS Salina 658
19 MS		28 Es	
0100 KOYN	93.9 TX Paris 719	2055 KWYK	94.9 NM Aztec, r\$ 1250
20 MS		2157 KFLQ	91.5 NM Albuquerque, g\$ 1216
0352 KILQ	93.9 CO CO Springs 1040	30 MS	
22 Es		0131 KTEO	93.9 TX San Angelo 1025
1118 KAZY	106.7 CO Denver, r\$ 1040	0155 KILQ	93.9 CO CO Springs 1040
1120 KRLN	103.9 CO Canon City, k\$, "Royal Gorge Country" (_ _ = new propagation mode)	0311 KOYN	93.9 TX Paris 719
		31 MS	
		0137 KOYN	93.9 TX Paris 719
		0438 KMKK	93.9 SD Rapid City 953
		31 Es	
		1022 KMOC	89.5 TX Wichita Falls, g\$ 843 Previous MS

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Ralph Strobel's report continues:

July 1989		3 tr (cont'd)	
31 Es (cont'd)		0507 CBON-	88.1 ON Sault Ste. Marie, 440
1030 KENW	89.5 NM Portales, c\$ 1071	18 (F mono, t, CBON calls-WVPE off)	
1033 KSEL	95.3 NM Portales, r\$, ex-KKHJ 1071	0530 CB3M	89.5 ON Sault Ste. Marie, 440
1037 KPNF	101.1 KS Oberlin, k\$ 795	CBC nx & N ON wx,	o/WCMU Mt. Pleasant, Previous MS
1043 KRK	93.7 TX Lubbock, k\$ 1017	0538 WAIR	92.5 MI Atlanta, r\$, 338
1045 KTXT	88.1 TX Lubbock, r\$ 1017		o/WHHE Toledo
1109 KFLQ	91.5 NM Albuquerque, g\$ 1216	3 Es	
1113 KNMQ	105.9 NM Sante Fe, r\$ 1185	1225 KELT	94.5 TX Earlingen, r\$ 1210
	"Q-FM," ads	1227 KROB	99.9 TX Robstown, k\$ 1108
1118 KBOM	106.7 NM Los Alamos, l\$ 1190	1238 KVIC	95.1 TX Victoria, r\$, nx 1027
1119 KIWA	105.1 NM Sante Fe, r\$, 1185		o/WAJI Fort Wayne
"Music Power-105," ads, phone # checked!		1300 KTDN	91.5 TX Palestine, g\$ 816
1124 KMGN	93.9 AZ Flagstaff, r\$ 1476	1307 KKEY	103.5 TX San Marcos-Austin 1005
1127 KAEF	92.9 AZ Flagstaff, ad, \$ 1476	"Key-103," r\$,	Previous Au
August 1989		1310 KNGY	96.5 TX Houston, r\$ 915
1 MS		1321 KUEZ	99.3 TX Lufkin, r\$ 805
0110 WSGL	89.5 MD Salisbury 537	1334 KFAN	101.1 TX Fredericksburg-1020
1 tr		Previous MS	San Antonio
2121 KKJO	105.1 MO St. Joseph, r\$ 502	1349 KCBT	90.9 TX Dallas, ex-89.3 g\$ 814
	"K-Joe 105"	1351 WRR	101.1 TX Dallas, c\$, 814
		Previous MS	Previous MS
2 tr		1409 KGNZ	88.1 TX Abilene, g\$ 961
0400 KCFM	107.3 MO Lexington-KC, k\$, 440	1424 KTXF	88.1 TX Lubbock, r\$ 1017
	o/WRZQ Greensburg, IN	1428 KZOR	94.1 NM Hobbs, r\$ 1140
3 tr		1437 KHEY	96.3 TX El Paso, ads, k\$ 1315
0000 WYCO	107.9 WI Wausau, r\$, 396	1439 KBIM	94.9 NM Roswell, b\$ 1170
o/WTP	Indy and WYSY Aurora, IL	1444 KSEY?	94.1 TX Seymour, 850
0131 WQWQ	101.7 MI Muskegon Heights, 212	new freq?	"Super-Hits KSEY"
(WQW off) b\$, o/WBZV Fort Wayne		1500 KENW	89.5 NM Portales, b\$ 1071
0205 WGFN	105.1 MI Cheboygan, r\$, 375	4 Es (both were brief openings)	
	"Gold-FM"	0524 KUVO	89.3 CO Denver, j\$ 1040
0247 CJQM	104.3 ON Sault Ste. Marie, 440	2032 KHOY	88.1 TX Laredo, t\$ 1192
k\$, many ads, squeezed between locals		2041 KOYE	94.9 TX Laredo, r\$ 1192
104.1 WLBC Muncie & WAJC 104.5 Indy			

Meteor Scatter Findings:

7/19 KOYN "...the northern portion of North Texas between Sherman and Paris, extending..."	(cont'd): evening thunderstorms. Todays high near 90 degrees. Tonights low back down to 70..."
7/20 KILQ "...Kilo...CO Springs... and that's gonna start..."	7/28 KHCD "...N Hutchinson-Wichita and 89.5 KHCD..."
7/25 KOYN "...you can pick this up today at Mike's Barbecue in Paris... also in Paris..."	7/30 KFBO "...getting ready for your chance at the big time. KTEO..."
7/26 KMXR "...KMXR ninety..." KOYN "...KOYN..." KOYN "...KOYN. That's Shenadoah ...94 forecast...cloudy and warm today with some scattered mainly afternoon and (to next column)	KILO "...more chances to win comin' up next with Kilo..." KOYN "...and KOYN presenting Mason Dixon performing live..." 7/31 KOYN "...KOYN..." & KMKK "...KMKK..." 8/1 WSCL "...This is WSCL 89.5 in Salisbury..."

July turned out to be a much better Es month than June or May. However, some of the openings were to areas heard from many times, and too many relogs were heard. Two Es openings to French Canada found it nearly impossible to ID anything. I have counted two stations I am quite certain about (96.9 Chicoutimi and 98.7 in Rimouski, PQ). A tape of my reception has been sent to Alain Pepin for positive identification. I am waiting to hear from him. If I am incorrect, these stations will be deleted from my log. My meteor scatter total was incorrect in Fred Nordquist's statistics column last month. It should have read 115, not 15. Correct total as of today, August 5th, is 119. Right in the peak of the Es season, the dial cord on my MR-78 had to break! When I got the tuner back, it had been aligned incorrectly, so back to the repair shop I went to have the correction made. Everything read out one frequency too high. I had forgotten how pitiful the selectivity on the Akai VO-4 really was, compared to the MR-78. I hope everyone enjoyed the convention this summer. I must save money. 73 Ralph

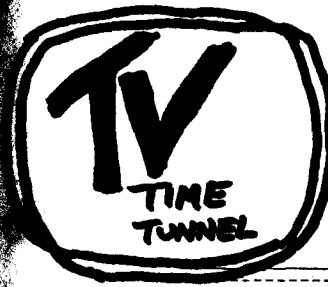
JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

JULY 1989		Time: ELT
3 Es		
2001 WJSU	88.5 MS Jackson, ID	1046
2033 WJGA	92.1 GA Jackson, Jackson, GA ad	
2035 WKSJ	94.9 AL Mobile, "95-KSJ", k	1205
2037 WKSJ	99.3 FL Ft. Walton Beach, "KISS-FM", ad	981
2043 WSBt	98.5 GA Atlanta, "B-98.5" promo but nothing else	
2048 WFFF	96.7 MS Columbia, old r, ID	1077
2100 WBBN	95.9 MS Taylorsville, legal ID, "B-95", k	1032
4 Es		
1654 WUWF	88.1 FL Pensacola, ID	1005
1702 WAZE	92.1 GA Dawson, ID, r	827
1708 WDCO	89.7 GA Cochran, GA wx bulletin, then back to NPR	
1712 WPAP	92.5 FL Panama City, ID, k	958
1724 WNAV	102.3 FL Santa Rosa Beach, "WAVE 102" + call	969
1732 WXBM	102.7 FL Milton, ID, k o/local WNEW!	988
1734 WQUH	103.1 FL DeFuniak Springs, ID, nx, WQUH-WGTX ID	946
1738 WEKS	104.1 GA La Grange, promo mentioning simulcast of WYAY-106.7, Atlanta wx, "Y-106" mentioned but had a "Y-104" jingle! k	785
1741 WRNO	99.5 LA New Orleans, r, ID Over local WBAI	1147
1743 WSLI	96.3 MS Jackson, o/local WQXR, "Always 96.3" jingle, old r, ads	1046
1748 {WYLD}	98.5 LA New Orleans, "FM-98" + call, ex-WIXO	1147
1753 WNKS	102.9 GA Columbus, ads, "102.9 KISS-FM"	811
1800 {WOWW}	107.3 FL Pensacola, legal ID, k, ex-WAJB	1006
1801 WIVK	107.7 TN Knoxville, start of WIVK news	606
1804 {WOKK}	97.1 MS Meridian, o/local WQHT Miss. wx, call, ex-WALT	975
1809 WZZK	104.7 AL Birmingham, ID, k	838
1812 WALK	100.9 AL Selma, ID, ads	898
1813 WTUN	100.1 AL Selma, ads, "New Dixie 100 FM", k	898
1821 {KYKZ}	96.1 LA Lake Charles, "Kicks 96" + call, ads, k, ex-KSNS	1277
1846 KQXL	106.5 LA New Roads, ID, Urban	1174
1903 {WLTJ}	105.3 LA Slidell, legal ID buried in wx forecast, lite r, ex-WXEL	1119
1907 KTMO	98.9 MO Kennett, KTMO-KBOA ID	897
1912 KHLA	99.5 LA Lake Charles, "LA-99" ads, o/local WBAI	1277
1914 KAJN	102.9 LA Crowley, ID, g w/ads	1238
1928 WMSI	102.9 MS Jackson, "MISS-103", ads	1046
1933 WTYX	94.7 MS Jackson, "94-Ticks", r, o/local WFME	1046
2001 WURC	88.1 MS Holly Springs, ID	915
2053 QKQI	95.3 LA Bayou Vista, KQKI-KDLB ID	1167
2056 WRJH	97.7 MS Brandon, call, Southern gospel wx program	1038
2058 WBSJ	102.3 MS Ellisville, ads, ID	1032

JULY 5 Es	
1730 WMEF	90.7 FL Orlando, ID, traffic report, o/local WFUV 921
1732 unID	Spanish briefly 96.1
1740 WEOW	92.5 FL Key West, WOW-FM+call 1187
1741 unID	French 93.7 with antenna pointed south, Radio Canada ID but may have been CBON-22.
1800 WMFQ	92.9 FL Ocala, ID, b, ex-92.7 1025
1826 unID	Spanish 92.9 but covered-up by WSCD MN coming off back of antenna!
1833 CBON-19	97.3 ON Nipigon, CBC FF 894
1836 KQDS	94.9 MN Duluth, ID, r 982
1840 KDAL	95.7 MN Duluth, 96 Lite FM, ads 982
1843 KBHP	101.1 MN Bemidji, ads, "KB-101", o/local WCBS 1122
1846 WIMI	99.7 MI Ironwood, ID, r 887
1900 WRUP	103.3 MI Marquette, ID, old r 770
1905 KSDM	104.1 MN International Falls, ID, news, k, QSL sez running only 3800 watts at time but sounded like full power! 1086
1910 CKSB-9	89.1 ON Ft. Frances, FF, CKSB/Radio Canada ID 1085
1912 CBQT	90.5 ON Ft. Frances, CBC 1085
1918 CKSB-7	93.5 ON Kenora, FF, // to 89.1 1165
1920 CBLA	90.1 ON Atikokan, CBC 1016
1921 CBQH	100.9 ON Dryden, // to 90.1, 90.5 1099
1923 WHUH	97.7 MI Houghton, ads including one selling merchandise at the WCCY-WHUH studios! 837
1934 WJIS	88.1 FL Bradenton, ID 1017
1935 CBON-20	89.3 ON Thunder Bay, FF 907
1942 WGTR	97.3 FL Miami, ID, contest 1078
1952 {WJQY}	106.7 FL Ft. Lauderdale, "JOY 107", ads, o/local WLTW, ex-WGLO 1051
1958 WAXY	105.9 FL Ft. Lauderdale, ID, r, o/local WNWK 1051
2017 WMUM	94.3 FL Marathon, ID, b like was common 10 years ago!, "Stereo Island" 1162
2200 {WZVU}	107.1 NJ Long Branch, legal ID for call change, ex-WRLB/WWU/WMJY 28
7 Es	
1241 WSSP	104.1 FL Cocoa Beach, ID, wx 917
1243 WTRS	102.3 FL Dunnellon, ads, call 917
1251 WEEJ	100.1 FL Port Charlotte, ID, r 1037
1253 {WKTK}	98.5 FL Crystal River, Ocala ad, "98-KTK", ex-WRYO 929
1307 WKBB	100.9 MS West Point, nx, WROB-WKBB ID 920
1329 WHZZ	100.9 TN Huntingdon, "Z-101, West TN's Golden FM" 823
1335 KDEX	102.3 MO Dexter, promo 877
1358 KKFJ	90.1 MO Kansas City, ID, reggae program 1074
1408 KDKD	93.5 MO Clinton, ID as "95 Alive KDKD" 1043
1412 KMBR	99.7 MO Kansas City, ID, wx 1074
1417 KNTU	88.1 TX Denton, mentioned recent fire, operating from a temporary facility 1354
1501 WFTI	91.7 FL St. Petersburg, g, ID 1001
1504 WXDJ	95.7 FL Homestead, ID, new age 1101

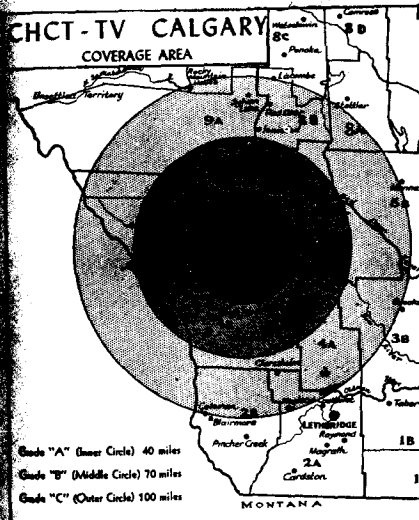
Will continue next month.....73, Joe



Submitted by Tom Bryant
849 Todd Preis Dr.
Nashville, TN 37221

G H O S T S
[Part Two]

More long-gone logos and other DX memorabilia from 1955 and 1956. Next time, the third and final part of this trip back to an exciting era of DX-ing.



CBS-KRLD-TV-CBS
CHANNEL 4

Dear Mr. Bryant:
Thank you for your recent communication reporting reception of our station, KRLD-TV, in Napoleon, N. Dak.

We appreciate your interest and trust that you will listen to our station whenever possible.

Sincerely yours,
B. B. Honeycutt, C. E.
KRLD-TV
THE TIMES HERALD STATION
DALLAS, TEXAS, U. S. A.

KNXT channel 2

1313 NORTH VINE STREET, LOS ANGELES 28, CALIFORNIA • HOLLYWOOD 9-1212

Key Station in Hollywood for the CBS Television Network

CHANNEL
2

KVOO-TV

Central Plains Enterprises, Inc.
311 SOUTH DENVER - TULSA, OKLAHOMA

KROD-TV

CHANNEL 4
ABC CBS DuMont



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WYOMING AT WALNUT • EL PASO, TEXAS