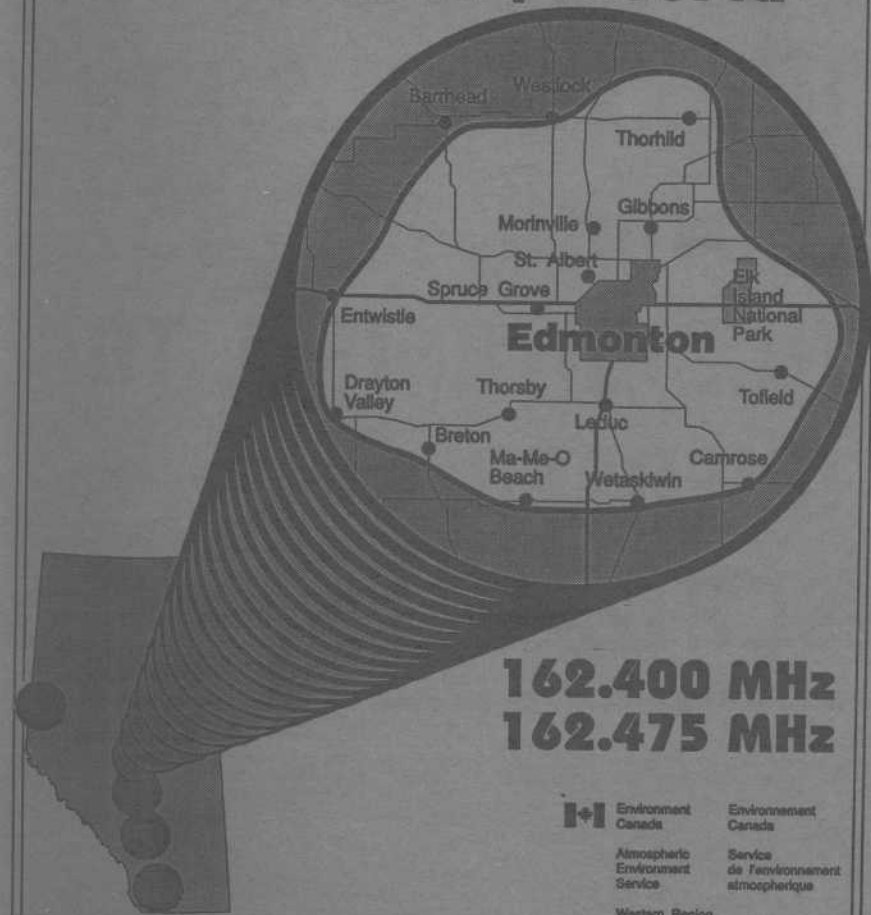


Vhi-UhiDIGEST

The Official Publication of the Worldwide TV-FM DX Association

NOVEMBER 1992

Weatheradio Radiométéo Edmonton, Alberta



Environment
Canada

Environnement
Canada

Atmospheric
Environment
Service

Service
de l'environnement
atmosphérique

Western Region



WORLDWIDE TV-FM DX ASSOCIATION
POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.

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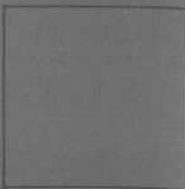
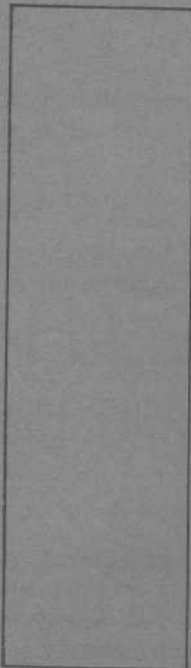
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U.S. funds)

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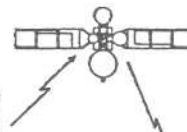


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SATELLITE NEWS



George W. Jensen
 4604 Anntana Avenue
 Baltimore, MD 21206-4220

Greetings and good DX to all. There has been good skip at times - I have even logged a few - which at my location is rare - both FM and TV. Nebraska and Arkansas being the 2 zones noted in early July. So much for that. Before the yearly listing of audio subcarriers, a few of the many video service changes taking place. CNN International in Leich system on Spacenet 3 XPDR 16 VCC has been changing frequently as has Shop-At-Home though SAH concentrates on G-1 Empire Sports in VC2 on Spacenet 2 XPDR 23. Access America now on Satcom 2 XPDR 21 Las Vegas Tele. Net is ????? gone???? MOR Music on Galaxy 5 XPDR 10 Sci-Fi channel ON - Galaxy 5 XPDR 4 Inspiration Net now on Galaxy 1 XPDR 17 USA West on Galaxy 1 XPDR 21. Ag-Net on C1 XPDR 18. GALAXY 1R has been launched TDRS 2 in place and operational at 63 West - no video yet. Look for many more changes in the near future. NOW FOR THE AUDIO-SUB-CARRIER LISTS (this is not SCPC)

SATCOM C-5 - AURORA 2
 24 - Reported in several sources - KSKA 91.1 Anchorage Talking Book Service
 these are not receivable here

SATCOM C-1
 2 - People's Network
 3 - In-Touch Reading Service
 6 - Bonneville Latter Day Saints Radio Network
 20 - Independent Broadcasters Network

GALAXY 1
 15 - WQXR - New York, New York

SATCOM 1
 15 - Cable Radio Network

ASC -1
 22 - WCCO - Minneapolis, Minnesota

GALAXY 5
 7 - WFMT - Chicago, Illinois
 2 easy listening music background services
 11 - CBN Radio Network
 18 - WSM - Nashville, Tennessee
 20 - 9 services - has had many names in the past take your pick for a name - Jazz, New Age, etc.

SPACENET 1
 17 - KISN Provo, Utah and many In-Store Services
 24 - translation Channel
 Radio France International
 Montreal, Quebec station in French

MORELOS 2
 8 - ID's in English as WFM 96.9 Mexico City
 14 - XEWA? - San Luis Potosi

MORELOS 1
 2 - Radio Acir feeds
 14 - XEX - Mexico City

ANIK E-1

- 17 - Radio France International
continuous Chamber Music
French Canadian News and Info service
- 20 - Syndicated feeds

ANIK E-2 - Ku Band

- 10 - CJMS - Raio Mutuel - Montreal, Quebec
- 16 - CJAD - Montreal, Quebec
- 20 - CJRT? (classical music)
Instructional service
- 22 - Seltech Syndicated Services

ANIK E-2 - C Band

- 2 - CILQ - Toronto, Ontario
- CKEY - Toronto, Ontario
News feeds
Notes of Praise religious feeds
- 6 - CHIN - Toronto, Ontario
Background music
- 8 - CHFI - Toronto, Ontario
- 9 - CHFI - Toronto, Ontario
- 14 - CKAC - Montreal, Quebec
CITE - Montreal, Quebec
- 15 - CBC French radio feeds
reading service
4 CBC Radio services
- 18 - CFNR - Kitselas, British Columbia???
- CKRW - Whitehorse, Yukon
- CISN - Edmonton, Alberta
- CKER - Edmonton, Alberta
- CIRK - Edmonton, Alberta
- CFWH - Whitehorse, Yukon
- 20 - CBC Classical French Music Service
CBM - Montreal, Quebec
Several other CBC feeds
- 21 - CKNM - Yellowknife, NWT
- 22 - CFMI - New Westminster, British Columbia
CBU - Vancouver, British Columbia
CBC Stereo
- 23 - VOXM - St. Johns, Newfoundland
CHON - Whitehorse, Yukon
- 24 - various CBC feeds and House of Commons audios

GALAXY 6

- 6 - WCRP - Radio Revelacion - Guayama, Puerto Rico
- 8 - CTNA Radio
- 17 - Racing results from England ?????

GALAXY 3

- 7 - KXEB - Sherman, Texas
Solid Gospel
Fiesta Mexicana
Yesterday USA
Inspirational Background Music
- 8 - In-Touch Reading Service
KNOW - Minneapolis, Minnesota Public Radio
Business radio Network
- 14 - C-SPAN Program Guide
- 24 - Program Guide - ASAP
Classical Music
Foreign programs
BBC World Service

SPACENET 3

- 2 - Talking Book Network
KUCV - Lincoln, Nebraska ?????? Nebraska Pub. Radio
- 3 - WROL - Boston, Massachusetts
- 4 - Nebraska Public Radio
- 5 - Sun Radio Network
Yesterday USA
USA Radio News
- 9 - Rock music station
Transtar Country Music
News feeds
CNN Radio News
- 13 - News Service 2000
other feed services
- 15 - Ambassador Inspiration radio
KLON - Long Beach, California
KKLA Los Angeles, California
2 religious radio program feeds
- 16 - CNN Radio
- 24 - Foreign Radio station ID's like WMNB - too
heavily accented to be sure of calls

SATCOM 4R

- 3 - RAI Italy from New York
- 8 - Tidewater Radio Network
KILA - Las Vegas, Nevada
- 14 - Tropical Radio - Haitian from Miami?????(French)
- 23 - Christian Music Network

SATCOM 2

- 1 - ANA Radio - WNTL - Indian Head, Maryland
(Washington, D.C. suburb)
- 11 - WCIE - Lakeland, Florida

SPACENET 2

- 3 - several Voice of America feeds
- 9 - WCMQ and SBS Hispanic News service Hialiah and
Miami Springs, Florida
- 22 - Radio france International

INTELSAT 53 West

- 14 - news feeds
- 24 - Radio Nacional Buenos Aires MAC encrypted and
spot beamed

PANAMSAT 1

- 22 - RPP - Radio Programas del Peru 730 KHZ Lima, Peru
ON THE KU-BAND - 4 - Radio 1 Belgrade alternates
with others

INTELSAT 27.5 West

- 2 - Radio Nacional de Espana feeds to Canary Islands
- 14 - was Capitol radio London
- 15 - VOA feeds to Latin America
- 16 - BBC World Service - not noted lately

GORIZONT - 11 and 14 West

- Various Commonwealth of Independent States feeds
carried

That's all for now - See you in 30

George

FCC FM NEWS

Bruce F. Elving, Ph.D., Editor
Box 336
Essex, MA 05733-0336

Contributions Always Wanted!

Readers' Reports and Column Comments

"I put up a Channel Master Stereo Probe 9 at call on Labor Day weekend," says John Ebeling of his location NY? of Duluth. "Trops were good and I finally got your Hermantown translator (103.9). Antenna is on a 20' mast, 'Armstrong' method of rotation. . . Thunder Bay on 94.3 is almost a regular now." John says local KDXL *106.7 St. Louis Park MN now has stereo, and KZPP 105.1 Lakeville MN is testing; soon DX ready?

From the December, 1953, *Radio Electronics*, Karl Zuk quoted information from the column "The Radio Month," about Maj. Edwin Armstrong and his system of two high-quality radio channels on one FM station—the forerunner of SCA. Karl says: "This must certainly be the birth of SCA. I thought you would like to read this early account of Armstrong and [John] Bose. Since I can't possibly live without your FM column, I am sending in my subscription to FMedial so I can see it first hand instead of the hand-me-down copy I get from Monitoring Times. Also please let me know when the 15th edition of the FM Atlas is ready. I will sincerely miss your FCC News column, and if I wasn't so busy myself, I might ask to be your successor. Your shoes will be very hard to fill!" Karl also sent a card mentioning W232AL Pomona NY, Gerry Turro's translator, is no longer carrying WNEW-FM New York (which it had for a short time), but carrying real "static" (on static-less FM?), and an SCS at 67 with In-Touch for the blind. Karl muses: "I wonder what frequency the static is on? 'All noise, all the time!'"

"You (in the FCC News) confirmed what I had thought for a long time. KY/PN 107.9 West Point NE DOES have a spur on 107.5, as well as 108.3. When I get enhancement up that way, it really messes up my favorite frequency (107.5)." [Perhaps the FCC should be notified—b.e.] "When I heard WLNG-FM 92.1 in Sag Harbor NY last May they were stereo! I have a tape in which you can definitely tell this. I wish people wouldn't be so quick to say that 'someone is giving you false information'. And notice how it is worded—like 'someone' is purposely sending false information. . . The idea that anyone does this is totally absurd! It started with a singing ID, 'Your 92', then a male DJ played a request and said, 'going out to Matt from Kim', and Kim says, 'I love you', 'Awe. Just plain awe. Crazy [fade], here's Madonna on WLNG'. Yep, that was the ID. The song was in stereo. As you can tell, it's NOT Poughkeepsie, as one skeptic thought. Maybe they don't realize stations sometimes (although rarely) only keep stereo for a short time? Long time members should realize that these things do change, as I'm sure you do, Bruce."

"Also, good luck with FMedial! Unfortunately, I will not be able to subscribe. At 16 years old and no job, I don't have a lot of extra money. Regarding your idea of expanding the Stations News section, maybe Mailbag column should be revived? That way, important items

such as IF filters and phasing and any other new ideas or techniques wouldn't be lost. By the way, in addition to Merrill and Chatterton [at the NRConvention], myself (Mike Hawk), Bartek, Brandenburg, and Zank are members. Callarman and Lindblade are Loth former members of the WFTDA. Station news Mike sent included KY/SC *91.9 Wayne NE, no longer "Mono 92," but "K-92," having embraced stereo, KXKT 103.7 Atlantic IA—Omaha going country, now "KT-103," and Lincoln NE 101.9 now k, using the slogan, "Omaha's Young Country," and applying for calls, KYNN (from KFMQ-FM), and WCCW-FM 107.5 Traverse City MI now "Oldies 107.5" Mike asks "Is it really only 660 watts? Had good signal from 930 km away." [Yes, I show them as 660 w-b.e.]

A DJ on WNEW-FM 102.7 NYC, Scott Muni, is featured in a "Daily Snooze Sunday magazine" article sent by Bill Nienajadly. Scott's been talking to DXers of



98.7 WOR-FM in 1967, when rock was new on FM and on WNEW-FM "where he helped launch the station's rock format 25 years ago." Muni's older than I am, having been 19 in 1950 when he jumped onto the rocks at WAKR (AM) Akron OH. But I'm not a rock DJ—only an obscure publisher and DX listener. Alison Steele was with the station in 1967 when it was all-girl radio. Steele is the only one who lasted, and she is with WXRK 92.3 now. The nemesis of Bill, so called "lame" radio—can be blamed on an over-dependence on research—or so says another article in the "Snooze." Notorious Howard Stern said to be top dog on L.A. a.m., and he's invading AM in Chicago—WLUP 1000. NY programmer Rick Sklar's death has been blamed on hospital errors—the hospital may be fined and the anesthesiologist, who may not have been present during the operation, fired. WQXR AM is mulling breaking away from its 96.3 simulcast and becoming pop standards in the wake of WNEW's giving up that format. WBGO *88.3 Newark is normally jazz, but on Saturdays starting at 8 a.m. Felix Hernandez offers DXers rhythm and blues.

The new KIUW 97.1 Hutchinson KS plans to go on air under way, despite the bankruptcy of its owners, those who own KWHK AM. KIUW may even by DX ready as you read this; let me know if it has stereo, if you hear it. Thanks to Ron Wing for sending the article from the Wichita Business Journal.

Bucking the trend to stereophony—WHHS *107.9 Havertown PA. "I checked to see if they were stereo but they were off the air for the summer. I called WHHS

and the secretary said they were stereo. Since the station is back on the air I have not had the stereo light illuminated by WHHS. The secretary was probably wrong," deduces Stephen West. Little WRSE *94.9 Ridley (Folsom) PA leaves its mono transmitter on the air 24 hours a day, with programming only 10 a.m. to 1 a.m. weekdays. I guess that's legal—since at 10 watts, it's only like an exciter, as far as the FCC is concerned.

DXers should note that WUCZ Carthage TN now on 104.1, from 102.3, and it's "Z-104.1." They commendably turn their stereo light off when broadcasting high school football games. They most likely moved because of interference from WQZQ 102.5, muses Doug Smith. WVCP *88.5 Gallatin TN has a high gain, something like eight bay, antenna, "just across Route 109 from WPGD 50's tower. Why so much antenna gain? They might well be making their 1000 w ERP with just 10 watt transmitter output!" [I'd guess 250 watts, with h & v polarizations—b.e.] WYCC 102.9 Shelbyville has "Rockin' Country Weekends" (kr). "If someone logs a rock station on 102.9 on a weekend, especially Saturday, they need to keep this one in mind," Doug reminds. He says WZWA *90.1 Clarksburg WV is definitely on; not deleted. Gus was right. Doug heard ID while in city of license; religious, in stereo. He said the Pittsburgh motel where the convention was is "deep in a valley. As in, about 75 m below average terrain. . . Gus Mancuso, Bill Burrows and myself did a 'DX shootout' of sorts on our car radios; to the best of my knowledge, the best DX heard was a brief scatter of CIMX 88.7 Windsor (roughly 300 km). . . Do note that Michael Goetz (the host!) does not appear on the list of attendees! Basically, there were NO organized activities—the closest we came was three meals at a nearby restaurant, the Saturday afternoon car-radio DX session, and the trip Greg [Coniglio] and Bruce [Hall] took to Johnstown to DX from their car."

Tom Bryant sent some materials he thought I might pick up in person, but I did not make the convention. Included is a WSM history tape, an article about Ned Horton taking over WYPE 94.1 Smyrna TN, with plans to make it p, and possibly relaying WRLT 100.1, "Radio Lightning" part of the time, an article about WWTN 99.7 Manchester TN in bankruptcy with WGFX 104.5 owner Vic Rumore offering \$2.2 million (but plans to keep the monophonic talk format intact and an article about the FL and LA stations off the air because of Hurricane Andrew. However, there's still no word as to whether the FM stations thusly affected have come back on the air.

W. R. McIntosh sent an item about KUSC *91.5 being granted permission to move to Mt. Harvard in the L.A. area. No mention from the FCC about any facilities change for them, and KUSC continues to be concerned about interference from XHTIM Stereoey Tijuana, now on 91.5. I know their engineer, Lyle Henry, is trying to move XHTIM to 91.7, through the FCC and the SRT.

Bill Falt took a trip to Meadville PA and strangely, he did not hear WEOZ 94.3 Saegertown; instead he only heard WZPR 100.3 Meadville on that frequency. Either this was a spurious signal, or could WEOZ be relaying WZPR? Might WEOZ be off the air?

KBSX *91.5 Boise ID expected on by now, according

to Frank Aden, Jr. It will be mono, news/talk. "Frequency was originally applied for by ID Migrant Council of Caldwell, who will now be getting airtime on KBSU (AM 730)."

"I really enjoy reading the FM News and all of the DX stations that are being received by other members," writes Robert Sangieneto, who is interested in getting a selective tuner with filters' modification.

Ken Onyschuk sent an "explanation" why he uses only 2¢ stamps on his mail, since he feels only Congress has authorized that rate from a long time ago; all other rates he feels are illegal. Now Ken! Anyway, he sends with his 2¢ worth, an article on WJIL 95.1 Kenosha WI, targeting its audience in IL and WI with those calls. Roger Winsor called and said WJIL is a "good station; I like it."

Now, look fellow DXers, for the feature, 'See Also', as I cull out for the next to the last time, items from last month's VUD of interest in this column.

New FM Station Grants

- AL Homewood 97.3 1100 watts h; 150 meters
- AL Oxford *91.3 130 h; 565 m, g [asp], Trinity Christian Academy
- AZ Wickenburg KFMA 93.7 1500 h; 201 m, r
- CA Arnold 106.1 1600h; 191 m, g
- CA Baker 94.9 15500 h; 127 m, Desert Bcstg.
- CA Lompoc 106.7 1650 h; 377 m
- FL Fort Pierce *91.1 3000 h; 15 m, s, Black Media Works, Inc.
- FL Key West *90.1 6100 h; 62 m, K. W. Public Radio
- FL Milton *90.5 6000 h; 49 m, g, Faith Bible College
- FL Tice (Fort Myers) 93.7 3000 h; 100 m
- GA Bostwick 92.3 3000 h; 100 m
- ID Boise KBSX *91.5 4000 h; 767 m, nt, mono, ID State Bd. of Education
- IL Monse *88.9 100 watts h; 21 m, g, Moody Bible Institute
- IN Union City 105.7 6000 h; 100 m
- IN West Lafayette *89.9 100 watts h; 315 m, Von Tobel Foundation, Inc.
- ME Bar Harbor 107.7 6300 h; 12 m
- MN Willmar 95.3 50000 h; 133 m
- MS Cleveland 98.3 25000 h; 100 m
- NE Crete *91.9 3000 h; 20 m, Doane College
- NH New London 99.7 840 h; 187 m
- NY Brockport 105.5 3000 h; 100 m
- NY New Paltz 93.3 350 h; 289 m, N. P. Bcstg.
- NC Leland (Wilmington) 94.1 3000 h; 100 m
- OH Zanesville *90.1 4000 h; 85 m, OH U.
- SD Sisseton *89.3 3000 h; 114 m, e, S. Wahpeton Sioux Tribe
- WV Clarksburg *88.1 23500 h; 217 m, g
- WZWA *90.1 1500 h; 245 m, \$, g, on air
- WI Sturtevant WZXA 104.7 3000 h; 100 m, reinstatement of grant to Janus Radio Corp.
- BC Tofino CBU *91.5 220 h; CBC English
- MB Wabowden CBWB *90.5 86 h; CBC, replacing CBWB (AM)
- NB New Maryland (location unknown) 95.1 CIHI-50 h, r
- NB Oromocton 103.5 CIHI-50 h, r, relaying Fredrickton AM station
- ON Aroand *89.9 10 watts vertical, A. Community Radio Station
- ON Naicatchewen Reserve (location unknown) *90.1 10 v, N. Community Center
- ON Wapekeka (location unknown) *89.9 10 v, Sakakwa Community Radio Station
- PQ Lac Allard CKAC-99.7 7 watts h
- SK Dillon CKBK-FM *92.7, facilities not given
- YT Haines Jct. CFWH- *103.5 90 h, v, replacing the AM there

Call Letters Assigned or Changed

- AL Evergreen 93.3 WPGG (WJJK), k
- AL Millbrook 97.1 WMCZ (WXEF), k
- AZ Williams 96.7 KVTF
- CA Big Pine 93.3 KRHV
- CA Ferndale 99.3 KAJK (KWHZ)
- CA Fresno 101.1 KSNY (KFIG)
- CA Los Angeles 98.7 KYSR (KXEZ), r, "Star 98.7"
- CA Madera 107.3 KMMM (KJDN)
- CA Modesto 103.3 KATM (not KATN)
- CA Newport Beach 103.1 KAJZ (KOCM), j, no "Mars FM"
- CA Santa Monica 103.1 KBJZ (KSRF), j, no "Mars FM"
- CA Thousand Palms 94.7 KVYZ
- CA Visalia 92.9 KFSO-FM (KFSO), a, is in Fresno CO Basalt 106.1 KVVY
- CO Grand Junction 104.3 KMKE

CT Waterbury 104.1 WYSR (WIOF), r, "Star 104.1"

FL Beverly Hills 97.1 WXOF (WPDS)
FL Fort Myers Beach 99.3 WJWX (WZCR)
IL Kankakee 95.1 JZPP (WKVY) [rock]
IN Indianapolis 103.3 WRXZ (WFXF), p, "hard/
IA Decatur '88.7 KVVY
IA Vinton 107.1 KVVY
KS Topeka 92.5 KESC
KY Campbellsville 99.9 WVLC
KY Danville '88.1 WDFB-FM (AM is in Junction
City KY)

KY Reidland 106.7 WZZL (WXE2), k
KY Shelbyville 101.3 WTHQ (WCKP)
KY Virgie 107.5 WZLK
LA New Iberia 99.1 KXKC (KDEA), k
LA Rayne 106.7 KVTO [ies '96"
MA Nantucket 96.3 WNTX (WVWY), o, "Old-
MA Tisbury 92.7 WMYV (WNTX), p, "Album
Radio," LMA with WNTX collaxes; WNTX
now being purchased by WPCC 102.9 Hyannis

MI Detroit 106.7 WWWW-FM (WWWW), no t (D)
SCS
MI Marquette '91.5 WUFJ
MI Whitehall 97.5 WEEG-FM (WPBK-FM)
MO Sedalia 92.1 KSDL (KCBW), r, "Hot AC"
MO Springfield '88.3 KVVY
MO Willard 105.1 KOSP (KZDC)
NE Chester '89.9 KVVY
NM Carlsbad 106.1 KRHT
NM Roswell 104.7 KRYS-FM (KVNB), k, \$,
AM-FM simulcast

NY East Hampton 96.7 WEHM (WQEH)
NY Essex 101.3 WVZM
NY Kingston '91.7 WGMK (WRHE)
NY Mechanicville 104.5 WXLX (WVVD)
NY Westport 102.5 WVZP
OH Kettering 99.9 WLDT (WVUD)
OH Maumee '89.3 WYSZ, gr, "Yes FM,"
expected on air by now; to serve Toledo; \$?
OK Nowata 101.5 KLTO (KDOH)
OK Seminole-Shawnee 105.5 KIRC (KSLE), k
TN Coalmont 104.7 WBSG
TN Jefferson City 99.3 WNDW (WJFC-FM),
"Double 95"

TN Lebanon 98.9 WJFM
TX Brownsville 99.5 KVSE (KRGY)
TX Conroe 106.9 KKRZ (KKHU), p, "Z-Rock"
TX El Paso 93.9 KINT-FM (KEZB-FM)
TX Killeen 93.3 KMXX (KBTB-FM), "Mix 93.3"
TX San Augustine 92.5 KCDT
TX Tyler 104.1 KKUS (KTMJ), k, "US 104"
UT Saint George 95.9 KVVY
UT Salt Lake City 93.3 KLZXF-FM (KLZX)
98.7 KCPX (KCPX-FM); AM gets new calls
VA Christiansburg 100.7 WBNK (WFNR-FM),
rm, "Kool 100"

VA Roanoke 105.3 WVRV (WLUB)
VA South Boston 95.3 WJLC (WYPA), rm
WA Seattle 100.7 KIRO-FM (KWMX), nt, mono
WA Wilson Creek 103.3 KVVY
WV Charleston 96.1 WIKW (WVNS), k, "Kix 96"
WV Kenosha 95.1 WILL (WJZD), rp, "95 FM Will
Rock."

WY Douglas 99.3 KWOG-FM (KKTU-FM), g
PR Aguada '105.5 WNNV (WRFE) [Bear]
AB Edmonton 100.3 CFBR (CJKE), r, "The/
NS Inverness '84.3 CBHI
ON Belleville 102.3 CJDJ, seeks 95.5 (with
CJBC-1 seeking '94.3)

ON Kitchener 96.7 CHYM (CKGL), r
ON Ottawa 93.9 CKKL (CFMO), r
ON Smiths Falls 101.1 CFMO (CHEQ), b
SK Pinehouse Lake 89.9 CFWK (CFNK)
SK Wallaston Lake 91.9 VF2040 (CIRK-)
BN Mexicali 104.9 XHMC (not XHMG, which

remains in Monterrey, 102.9)

See Also October VUD For

AR Warren KWRF-FM 105.5 "K Country"
apparent nonID, Falconer, p. 14
IN Brookston WEVZ 95.3 mr, ID with Lafayette,
and not West Lafayette, move from Monticello,
Strobel, p. 44
IN Mount Vernon WBLZ 106.1 Z-106.7 FM
(from "B 106.7"), Millmaker, p. 41. It has
stereo and IDs with Evansville, Strobel, p. 44.
KY Kokonago WJIE—is this the WJSO Pikeville
relay? Strobel, p. 44.
KY Shelbyville WTHQ 101.3 Thunder 101,
Strobel, p. 44

MI Atlanta WAIR 92.5 ID with Patoskey-Alpena,
"W-Air" (from "Didies 92.5"), Strobel, p. 44
MI Leland WTRV 94.3 ID with Traverse City
MI Grand Rapids '88.9 calls changed to WBYW?
I list as WGNR, "Station News," p. 41. [41]
MI Gulliver WCMW 94.7 has stereo, Strobel, p. 41
MO Cape Girardeau KEZS 102.9 FM, 67 (from
T1), Millmaker, p. 41
MO Clayton KFUO-FM 99.1 no FM, 67,
Millmaker, p. 41

MO Perryville KBDZ 93.1 FM, 67, Millmaker,
NY Webster WDCZ 102.7 on air; is it stereo?
Conglio, p. 47
NC Rocky Mount WESQ '90.9 jc, is it Stereo?
"Station News," p. 41 [p. 47]
OH Port Clinton WXLR 94.5 X 94, Winsor, r
WI Neillsville WCCN-FM the mysterious
"WVTL"? [Always uses "WCCN" calls-b.e.]
Strobel, p. 44.

WI Omro (move from Waupun) WPKR 99.5, ID
with Appleton-Oshkosh, Strobel, p. 44
WI Oshkosh WUSW 96.9 (having moved from
96.7), ID with Appleton, "US-96," Strobel,
p. 44
ON Kitchener CHYM 96.7 Chime FM (from
"Charm FM"), Station News, p. 41

MEXICO, Sittel, p. 15. The mystery 96.5 station
may be XHJRZ Jerez ZA, XHLM Cuernavaca
MR, XHOP Villahermosa TB, XHARR Doctor
Arroyo NL or XHTLAX Tlaxcala TZ.
NL Monterrey 103.7 is XHITS, Merrill, p. 11
104.5 is XHMF, Merrill, p. 12; is it Stereo?
105.3 is XHPAG, Merrill, p. 11
TM Tampico 96.9 is XHMF, Merrill, p. 11
UY Meri de 92.9 on air, calls not known;
"Soñolalidad FM," Sittel, p. 16

Facilities Changes Granted

AL Eufaula WULA-FM 92.7 73 m (3000 h,v)
AL Sheffield DWBTG-FM 106.3 6000 h,v, 208 m,
C3 [100000 h,v]
AL Tusculum WVNA-FM 100.3 75 m, 100 m
AK Nome KNOM 96.1 88 watts h,v (-42 m)
AR Haber Springs KAWW-FM 100.7 (from 96.7)
50000 h,v (100 m), C2, to embrace stereo?
CA Hollister KHPH 93.5 110 h,v; 689 m
CO Glenwood Springs KMTS 92.7 (from 99.1)
3000 h,v; 90 m, cancelled C2 CP
CO Greeley KDHT 92.7 25000 h,v; 170 m [C3
FL Cedar Key WVNM 102.7 25000 h,v; 100 m],
FL Naples WRGI 95.3 3000 h,v; 91 m
FL Pensacola WTKX 101.5 122 m (10000 h,v)
FL Springfield WYOO 101.3 (from 101.9) 5200
h,v; 72 m [311 m, C1

GA Dublin WOZY 95.9 88000 h,v; 150 m, A
GA Rockmart WTSH-FM 107.1 3000 h,v; 91/
HI Honolulu (new) 105.9 96700 h,v (600 m)
HI Kailua-Kona KLUA 93.9 32000 h,v; 893 m
ID Caldwell KTSY '89.5 791 m (8300 h,v)
IN Indianapolis WFBQ 94.7 47000 h,v (272 m)
IA West Des Moines KWDM '88.7 (from 88.9)
100 watts h,v; 52 m
KY Allen WMDJ-FM 100.1 2600 h,v (151 m)
KY Carrollton WIKI 95.3 (from 100.1) 1800 h,v,
129 m

KY Georgetown WTKT 103.1 (from 103.3), A.
Calls changed from WTKT-FM, with the AM
getting new calls.

KY Paducah WKYQ 93.3 100000 h,v; 299 m
KY Russell Springs WQEG 92.7 d-a
LA Haughton KZWB 103.7 6000 h,v (100 m)
LA Leesville WVPV 105.7 9000 h,v (100 m)
ME Gorham KMMP '90.9 studio to Portland
ME Topsham WLLB 95.5 139 m (3000 h,v)
MI Detroit WDLX 92.3 50000 h,v; 140 m, d-a
MI Gladwin WGDN-FM 103.1 11300 h,v; 138 m,
C3 [m], B1

MI Muskegon WMHG 107.9 25000 h,v (100/
MN Benson KSCR-FM 93.5 5000 h,v (50 m)
MN Cloquet WKLK-FM 96.5 96 m (6000 h,v)
MN Faribault KQCL 95.9 3000 h,v; 100 m
MN Redwood Falls KLRG-FM 97.7 60000 h,v;
88 m, C1 [000 h,v; 150 m, C2

MS Clarkdale WAID 106.5 (from 106.3) 50-
MO Branson KRZK 106.3 5700 h,v; 205 m
NY Spencer WCII '88.5 20000 h,v; 180 m, B
NC Burgaw WVBS-FM 99.9 158 m (100000 h,v)
OH Cincinnati WUBE-FM 105.1 11000 h,v (280
m) [100 m]
OH Grove City WWCN 101.1 6000 h,v; d-a/
OH West Union WRAC 103.1 3300 h,v; 130 m
OK Marlow KFJX 92.1 1700 h,v; 130 m, A,
forfeiting C2

OK Spencer KROU '105.7 6000 h,v (100 m)
OR Portland KRRC '104.1 (from '107.5),
mono; because of KDBX 107.5 Banks
PA Altoona WPRR 101.5 5 m (3000 h,v)
PA Greensburg WSSZ 107.1 1150 h,v (137 m)
PA Piffenburg WBSB 98.3 1400 h,v; 147 m
PA Oil City WKQW-FM 96.3 6000 h,v (100 m)
RI Middletown WOTB 100.3 3350 h,v; 90 m
SC Goose Creek WUJM-FM 94.3 1430 h,v (146
m) [antennas (d-a)

SC Orangeburg WTCB 106.7 directional/
SC Surfside Beach WYAK-FM 103.1 12500 h,v
(100 m), C3 [m, C2
SD Vermillion KVHT 106.3 50000 h,v; 125/
TX Austin KMFA '88.5 65000 h,v; 260 m
TX Electra KWTA 94.9 (from 95.1) 50000 h,v;
121 m, C2 [h,v; 174 m, C3

TX Gimer KLSQ 95.3 9000/
TX Highland Park KVLV-FM 103.7 479 m/
TX Hooks KLLI 95.9 11300 h,v; 148 m, C3
TX Kerrville KRVL 94.3 3000 h,v; 32 m, A
TX Rockport KPCH 102.3 50000 h,v; 113 m, C2
UT Brigham City KDCE 100.7 86000 h,v; 632 m
UT Nephi KCDH 103.9 (from 92.7) 60000 h,v;
198 m, C1
UT Logan KVFM 94.5 15500 h,v; 340 m, no d-a
WA Longview KZOE '90.3 500 h,v; 224 m
WA Medical Lake KAAR 101.9 (from 95.3)
12000 h,v (151 m), C3

WA Yakima KRSE 105.7 178 m (100000 h,v)
WV Wheeling WOVK 98.7 50000 h,v; 119 m, d-a
WI Antigo WRLO 105.3 directional antenna
WI Brillion WEZR 107.5 6000 h,v (100 m)
WI Lomira WFDL 106.7 1350 h,v; 148 m
AB Edson CKUA-FM '103.7 210 h,v (17 m)
BC Nelson CBVN '98.7 560 h,v (352 m)
BC Sparwood CBYS '105.7 130 h,v
ON Barrie CFJB 95.7 45500 h,v (107 m)
ON Kingston CJBC-2 '99.5 1560 h,v; to a new,
unannounced height

ON Toronto CHIN 100.7 8500 h,v (421 m)
PO Murdochville CJRG-104.7 (from 99.5)
PO Saint-Pamphile CBV-4 '88.7 630 h
YT Whitehorse 102.1 10400 h,v
CH Tapachula XHMX 97.9 10000 h,v

Stereo—Or to be Stereo

FL Cocoa Beach WHVE 104.1, but pseudo-stereo
with nt, "Wins 104.1"
GA Macon WMKS 92.3, k, "Kissin' 92.3"
IL Bushnell WLMD 104.7, o, on 5 a.m. to 11
p.m., LMA with WLBB 1510 Macomb
MI Oscoda WCLS 100.7, "Classic 100.7," and
"All automated with prerecorded liner IDs"
MN Lakeville KZPZ 105.1, rj, testing only
MO Poplar Bluff KZMA 103.5, r, "KZ 103"
TN Atwood WTKB 93.7
WA Goldendale KYTT 102.3, o

WA Yakima KNWY '90.3, cj
Monophonic
AR Clarkdale KXIO 106.9
IA Algona KLGAF-FM 92.7
IA Boone KFGQ-FM '99.3
IA Sioux Rapids KTFG 102.9, poor fidelity
MT Plentywood KATQ-FM 100.1
WI Prairie du Chien WPRE-FM 94.3, "I bet you
can't pick up on a regular basis five
commercial FM stations which are mono in
your area."

Format Changes
Formats are the same as in the "FM Atlas"
AL Bay Minette WVMZ 105.5 nt, mono
AL Huntsville WJAB '90.9 jc, "black-oriented
variety," 5. Its tower is about 15 km north of
downtown and 1 km east of US 231.
AL Jasper WZBQ-FM 102.5 r
AZ Tube City KGHF '91.5 kr
AR Little Rock KYFY 98.5 jr, "Foxy 99"
AR Texarkana KTOY 104.7 sr
AR Turbann KWEE 106.7 mr, \$
CA Colusa KKYC 103.1 k
CA Gonzal ez KKL 104.3 gr, a full time affiliate
of Morningstar satellite radio
CA Santa Barbara KHTY 97.5 sr
CO Grand Junction KPRN '89.5 c
DE Rehoboth Beach WGMQ 92.7 mr
FL Orlando WTOB 96.5 op, still "Q 96"
FL Pensacola WJLQ 100.7 sr
FL St. Augustine WUVU 97.9 sr, still on 97.7,
"EZ FM 97.7"

GA Cumming WVEV-FM '91.5 gr
GA Manchester WVFJ 93.3 gr
GA Raynor WUPU 103.7 pr, "Bull dog 103.7
FM," now with 25000 h,v (100 m)
GA Springfield WDOT 103.9, parallel to WECH
104.9 Ridgeland, on an LMA
IL Mount Carmel WRBT 94.9 op
IL River Grove WRRG '88.9 s
IL Rockford WZOK '95.9 s
IN Decatur WOTZ 92.7 r
IN Rensselaer WLOI 97.7 m [Mix 106.3]
IA Ankeny KMKD 106.3 b, uses calls, no "Easy/
IA Clear Lake KLCB 103.1 o
IA Denison KDSM-FM 107.1 m, still "FM 107"
IA Emmetsburg KEMB 98.3 or, oldies dey; rock
night

IA Fairfield KLIK 95.9 r
IA Sioux City KMCS '88.3 r, CHR
KS Colby KOLS 100.3 o
KY Anderson WKDO 99.5 k
KY Orleans WKPE-FM 104.7 o
MI Saginaw WUVE 104.5 r
MI Standish WSDZ 98.9 r
MS Biloxi WQID 93.7 m
MS Holly Springs WKRA-FM 92.7 k
MO Kirksville KRXL 94.5 op
MO Lebanon KIRK 103.7 k
NE Broken Bow KBBN 98.3 op, no "FM 98"
NE Lincoln KEZG 107.3 r
NV Las Vegas KEYV 93.1 k, "Y-93" (from "The
key"), LMA with KFMS-FM 101.9

NH Plymouth WPNH-FM 100.1 p
NJ Atlantic City WFPG-FM 96.9 r, "Lite 96-9"
NJ Avalon WXNJ 94.3 k, "Super Country 94.3"
(from "Extra 94.3")
NJ Cape May Court House WBNJ 105.5 k, "Hit
Country 105" (from "Joy 105.5")
NJ Hazlet WCUN '89.3 g, Spanish
NJ Margate City WTLT 96.1 ja
NJ Ocean City WSLT 106.3 k, LMA with
WFBG-FM Atlantic City
NY Dodge WGRG 101.7 r
NY Sodus WNNR 103.5 op
NC Atlantic WTKF 107.3 m, mono, "WBTB
1400, The Talk Station" & LMA
NC Burlington WZUU 93.9 r [99-VDD?]
NC Mantaw WVDQ 99.1 r, "Adult 99.1" (from/
NC Morehead City WRHT 96.3 r, "The Hot
FMs," parallel to WHTC 103.7 Williamston
NC Newport WTKT 103.3 m, LMA-to-buy with
WCZ1 98.3 Washington

NC Wilmington WGN1 102.7 m, "103 GNI"
(from "GNI 103")
NC Windsor WDRP 98.9 g, southern gospel
OH Lima WLSR 104.9 m, "Mix 104.9" (from
"Live 105")
OH Logan WLGW-FM 98.3 k, monophonic
OK Tulsa KWGS '89.5 tc, with mono signal most
of the time, except that it fires up its stereo
generator for Sunday classical music.
OR Prineville K1JK 95.1 k, uses calls, x-
"Magic FM"

PA Jenkintown WIBF-FM 103.9 to go to p,
simulcasting with WDRE 92.7 Garden City
NY. Expected to embrace stereo.
PA Media WKSZ 100.3 still r, but now "softer
and more current hits," still "Kiss 100"
SC Columbia WAAS 93.5 r
SC Hardeeville WLWH 101.1 sr, LMA with
WAEV 97.3, WSOX AM Savannah GA
SC Murrells Inlet WRNN 94.5 nt, mono
SC Ridgeland WECH 104.9 o
SD Redfield KQKD-FM 103.7 k
TN Chattanooga WDEF-FM 92.3 m, "Easy 92"
TN Knoxville WIMZ-FM 103.5 pr, "Rock 103.5"
TN Loudon WNOX 99.1 j, "Double 99"
TX Fort Worth KEGF 97.1 tr
TX Merkel KCWS (from KFQX) 102.7 k, "West
102" (from "Fox 102.7")

UT Centerville KBCK 105.7 r, "Mountain
105.7" (from "105.7 K-Buck")
UT Provo KZHT 94.9 p, Z-Rock (was "Hot
94.9")
UT Roy KZQQ 107.9 k (from "Z-Rock")
VT Rutland WZKK 94.5 o, back to
VA Farmville WXJK 101.3 gr [KCY"
VA Harrisonburg WKCY-FM 104.3 k, "Country/
VA Yorktown WYCS '91.5 mr
WA Chelan KOZI 93.5 rk, with a "k" hourly day
WV Wheeling WEGW 107.5 r
WI Manitowoc WLTU 92.1 o
WOTC 102.3 m
WI Racine WKLV-FM 100.7 rs
WY Casper KKTU 103.7 k
BC Vancouver CHOM-FM 103.5 mr
PQ Montreal CFOR 92.6 mr, "Q-92"

On Air—Real Stations and Pirates
AR Van Buren KLSZ 102.7 (having moved from
102.3)
FL Coral Gables "Radio X," '88.3, \$, not on a set
schedule. "We did hurricane remotes—from
the U. of Miami campus, but can be heard
throughout much of Miami itself." Also on
from there is "WMIA" TV-9 the only known
pirate TV, on each night 10 to 6 a.m. "Serves
all of Miami," and not available on cable.
ME—south part: "WMPX, Power 106," or
near 106.9, dance-oriented stereo, including
"Powerline." On irregularly.

Off Air or Not Yet On
CO Brush KJYY 106.3
FL Edgewater WEDG 93.1
FL Five Points WCJX 106.5
FL Vero Beach WDDO 99.7
GA Americas WDEC-FM 94.7, still on 94.3,
"K-Country"
GA Chauncey WQIL 101.3 IL Sullivan WKJR
106.7, still on 106.3
MN Albert Lee KRGR 94.9, still on 95.3. "It's a
long story... facing zoning delays."
MS Baldwin WESE 92.5, had b
TN Alcoa WYLY '89.1, CP granted in 1987!
TN Oak Ridge WKNF-FM 94.3, new owners
bought it a year ago, but have not yet put it
back on the air
VA Spotsylvania WPLC 99.3
WA Camas KMUZ 94.7, but expected on by now
WA Clemens KZPH 106.7
WY Rawlins KIDZ 92.7 and its AM
WY Shoshoni K257DE 99.3

Deletions

OH Delaware WSLN '88.7, off air; had never
moved from 91.1
NS Sheet Harbour CBAZ '89.3, licence revoked
TM San Fernando XHFD 105.9 (is on 100.9)

SC Services, 67 kHz, etc.
Symbols are as in the "FM Atlas"
IA Council Bluffs KWRB '89.7 tu, 67 (lightly
modulated)
KQKQ 98.5 tx, 67 (tu, 92)
IA Easterville KILR-FM 95.9 no SCS (had tX),
at though open carrier heard, believed to be at
57 kHz

IA Storm Lake KAYL-FM 101.5 (at though
mis-IDing as "KAYL"); tu, 67 (not tX), uses
calls, not "101.5 Lite Gold"
MA Springfield WMAS-FM 94.7 no SCS (had tR,
92), "WMAZ-FM has had to be three times they
do not use SCA, contrary to your Atlas."
MI Ann Arbor WQCA '91.7 no tD, 57
MI Dearborn WMIQ 100.3 no tD, 57
MI Detroit WKOI 95.5 no tD, 57
WLLZ 98.7 no tD, 57
WJZZ 105.9 no tD, 57. The tD is only on
WHYT 96.3 and WJQI 97.1.

MI Midland WUGN 97.1 tG, 67, Children's
Sunshine Network (replaces tel. emetry). "We
want the radi to include a main channel
switch, because we do fund-raising on the
main channel; the subcarrier is a bonus we
offer our listeners."
NE Fairbury KUTT 99.3 tu, 67 (had tM, U)
NE Lincoln KFGE 105.3 tC, 67, relaying KLIN
1400 AM (with which KFGE has an LMA,
along with KLIN-FM 107.3)

NE Norfolk KKNEN 94.7 tu, 67 (not tX)
NE Omaha KEZO-FM 92.3 tX, 92 (tD, 57)
KGB1 '100.7 tG, Children's Sunshine
Network—first known use of that network on
67 (along with Midland MI) instead of its
more usual 92 kHz
NE West Point KWPN-FM 107.9 tu, 92,
sometimes IDing as "AM 84"; has a spur on
107.5, or an unknown translator to its east
NJ Newark WNNK 105.9 tE, 67, with Radio
Uno, no 92 (open carrier, "RBC seems to
be off permanently." Until recently,
WNNK's 67 was ICN, "the same as heard on
York GPO '88.3's 67 kHz." Radio Uno New
York City offices are at 7212 21st Ave.,
Brooklyn NY; (718) 232-8220; Italian Com-
munications Network, 69-29 Elliot Ave.,
Middle Village NY; (718) 779-6777."

NY Garden City WDRE 92.7 no 67, having
stopped testing its middle-eastern music; still
tu, 92. Its 67 had been "on again-off again;"
if they start actually broadcasting I'd like to
let you know. The signal is so weak in Queens
that "I don't know how they expect to reach
the other four boroughs."
NC Asheville WKFSF 99.9 tR, 92 (retains tM, 67)
NC Columbia WRSF 105.7 tC, 67, relay of
WDLX 93.3 Washington (whose nonID now
"Best Mix 93.3") (from "Lite 93.3")
NC Elizabeth City WKOC 93.7 tu, 67 (from
tM), "The Coast" (as is the nonID for WKOD
94.1 Yorktown VA)

SC Gray Court WSSL-FM 100.5 no SCS (had
tX), no multi-city ID. The official ID is:
"WSSL-FM Gray Court, WSSL Greenville-
Spartanburg-Anderson"
UT Salt Lake City KUER '90.1 tC (not tT), 67,
"for distribution of the signal of the student-
run carrier-current station, K-UTE"
ISRAEL-67 kHz is for defense applications, but
its exact use was not revealed.

NEW ZEALAND, Auckland—interested in decod-
ing equipment for the Music 4 system.
McMartin's Super S, with five discrete subcar-
riers, was "not compatible with other systems."
We never sold a single system. "Stations using
a 57 and 67 kHz SCS find complaints from
users. There is no guard band between them.

TELEVISION NEWS

Doug Smith, Editor
14 Brookside Court
Nashville, TN 37209-4503
615-356-8305 CIS 72777-3143

ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT= Height Above Average Terrain, in meters
AAT= Above Average Terrain
AG= Above Ground
ASL= Above Sea Level
nc= No change
TL= Transmitter Location
CP= Construction permit
MP= Modification permit
(modification of construction permit)
*= Non-commercial
CRTC= Canadian Radio-TV Commission

APPLICATIONS DENIED/DISMISSED/ETC.

| St | Ch | City |
|-------|-------------|---|
| VT 44 | Burlington; | Burlington 44 Co., Burlington Channel 44 Inc., Lake Champlain Communications, David McMeekin, WCVQ Inc. |

CONSTRUCTION PERMITS GRANTED

| St | Ch | ERP | HAAT | City |
|-------|------|-----|-------------|-------------------------------------|
| OH 40 | 2400 | 224 | Toledo; | Dominion Broadcasting |
| VI 17 | 75 | 442 | Charlotte | Amalie; Atlantic Broadcasting Corp. |
| VT 44 | 5000 | 530 | Burlington; | Nichols Bcstg. Corp. |

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

| St | Ch | ERP | HAAT | Call | City |
|-------|-----|-----|------|------|--------|
| CA 43 | 519 | 610 | KSDI | | Clovis |

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

| St | Ch | ERP | HAAT | Call | City |
|------|----|-----|------|------|----------|
| MT 6 | nc | 249 | KPQD | | Billings |

APPLICATIONS TO CHANGE EXISTING STATIONS

| St | Ch | ERP | HAAT | Call | City |
|-------|------|-----|---------|------|----------------------------------|
| AR 51 | 184 | 56 | KFAA | | Rogers (was 79.4kW/145m) |
| AR 29 | 1410 | nc | KHOG-TV | | Fayetteville (was 700kW/271m) |
| GA 14 | 4611 | 616 | WTLK | | Rome |

APPLICATIONS TO CHANGE EXISTING STATIONS

| St | Ch | ERP | HAAT | Call | City |
|-------|------|------|---------|------|--------------------------------|
| NE 19 | 1683 | 348 | KXNE-TV | | Norfolk (was 747.5kW/342m) |
| NM 2 | 28.2 | 1275 | KKTO | | Santa Fe (was 89kW/600m) |
| NY 25 | 30 | nc | WNYE-TV | | New York (was 2432kW) |
| OH 42 | 525 | 382 | WPBO-TV | | Portsmouth (was 398kW/377m) |
| PR 18 | 450 | 38 | WSJU | | San Juan (was 500kW/563m) |
| TX 8 | 25 | 315 | KGNS-TV | | Laredo |

CHANGES GRANTED TO EXISTING STATIONS

| St | Ch | ERP | HAAT | Call | City |
|-------|------|-----|------|------|--|
| NC 47 | 12.3 | 97 | WRMY | | Rocky Mount (TL: 35°57'03"N, 77°55'37"W, appears to be in downtown Rocky Mount.) (was 1300kW/312m) |
| NJ 40 | 740 | nc | WMGM | | Wildwood (was 1740kW) |

CALL LETTERS ASSIGNED TO NEW STATIONS

| St | Ch | Call | City/Permittee |
|-------|------|------|-------------------------------|
| NV 11 | KRXI | | Reno; Nevada Television Corp. |

CALL LETTER CHANGES FOR EXISTING STATIONS

| St | Ch | City | Was | Now |
|-------|--------------|---------|------|-----|
| NM 13 | Albuquerque | KGGM-TV | KRQE | |
| OR 6 | Portland | KOIN-TV | KOIN | |
| PA 29 | Philadelphia | WTFX-TV | WTFX | |
| TX 9 | Lufkin | KTRE-TV | KTRE | |
| TX 2 | Midland | KMID-TV | KMID | |

NEW STATIONS ON THE AIR

Greenville, NC: WYDO 142:
3160kW, 278m AAT
TL 35°32'06"N, 77°25'14"W
near Ayden, roughly 30km SE of Greenville.
Signon 7/30/92
Independent.

Hendersonville, TN: WPGD 50z:
4470kW, 222m AAT
TL 36°28'02"N, 86°28'53"W
Just west of TN-109, 10km NNW of Gallatin, across the highway from WVCP-88.5.
Signon 9/23/92.
TBN affiliate.

OTHER STUFF

(the question mark on WYDO-14 refers to the offset, not channel 14)

KRXI-11 Reno was first assigned KCHZ, then promptly switched again. (KCHZ probably belongs in Wisconsin anyway!)

I strongly suspect many of the power decreases above (KGNS-8, WNYE-25) are actually authorizations for auxiliary/backup transmitters.

Darn. Just what Nashville needs; another local. W36AK (pre-existing TBN LPTV) is still on, and talk on WPGD-50 indicates that 36 isn't going to go away. Phone numbers (both on ch. 50 and ch. 36) are (615) 230-WPGD. Jeff Kruzka called (looking for LPTV info-- sorry Jeff!) and reported that Ron LeBlanc has already logged this one down in Louisiana.

Bill Fahber reports that channel 12- has been reassigned from Ardmore, Oklahoma to Sherman, Texas. As far as we can tell, this indicates that KXII-12 plans to change its city of license from Ardmore to Sherman.

A new signal for Southern DXers... Plans are being made for HDTV field testing in the Charlotte, N.C. area next year. A 405m tower there will host a 10kW transmitter on channel 6 and a 600kW on channel 53. Both digital ATW/HDTV and regular NTSC signals will be transmitted; DXers should have no trouble receiving the NTSC signals. (it'll be very interesting to find out what the digital signals look like!)

Another, low-power, HDTV test was held in Washington on Sept. 30 using facilities provided by WRC-4. I believe channel 38 was used for the test, which might explain an unID in the October VUD, except that I'd think the FCC would have known about it!

Finally on the HDTV front, the Japanese "Narrow MUSE" HDTV system, the only analog system still being considered, has been found to be able to accommodate only about 93% of existing NTSC TV stations - a figure that may finally rule out approval of that system; the digital systems are expected to accommodate 100% of existing stations.

WPTV-5 West Palm Beach has reaffirmed its opposition to WCIX-6's temporary directional antenna on the WTVJ-4 tower in Hallandale, Fla. in southern Broward County. WCIX's tower in Homestead was destroyed by Hurricane Andrew. WPTV claims that the temporary antenna interferes with WPTV's channel 5 signal, and underserves Homestead. (how the latter is relevant is beyond me-- WCIX is licensed to serve Miami and has no legal obligation to serve Homestead)

For what it's worth, "The Scene at 9:00" on WXMT-30 is now on the air, and is clearly identified with WXMT. Early preliminary ratings are encouraging too, so this should be on for awhile.

SPECIAL REPORT: CABLE BILL NOW LAW

On Monday, Oct. 5, Congress (for the first time) overrode one of President Bush's vetoes. The law in question: S.12, the "Cable Television Consumer Protection and Competition Act of 1992". This bill has long-reaching consequences, directly to all kinds of television programming, and indirectly to TV DX.

Requirements of the Cable Act:

1) Effective May, 1994, broadcast TV stations will be required to decide whether to invoke "must-carry" (requiring cable systems within the TV stations' service area to carry the station) or negotiate a license fee for cable carriage. (the station requires a fee from the cable system for carriage, but the system has the right to refuse to carry the station) Stations can then change their mind over which to invoke every 3 years.

(the process of a station negotiating a license fee for cable carriage is known as "retransmission consent". Before this bill passed, cable systems were granted automatic free permission to retransmit over-the-air stations; this bill repeals this consent.)

2) Franchise renewal rules will be modified to allow cable systems to submit a renewal request up to 3 years early, and require communities to begin renewal proceedings within 6

months of the application. Also, criteria for denying renewal will be set.

3) CATV systems will be allowed to itemize bills to show how much goes to local taxes & fees & access channels. Systems will be required to inform subscribers 30 days before a "free preview" on a premium channel if "sexually explicit programs" are to be aired. CATV systems will be required to carry the same Emergency Broadcasting System information carried by broadcast stations.

4) In the spring of 1993, exclusive contracts between program suppliers (TBS, USA, MTV, etc.) and cable systems will be prohibited unless specifically approved by the FCC. This provision will expire in 2003.

(in other words, programmers like CNN and MTV will be required to offer their signals to cable competitors such as DBS and wireless cable.)

5) Also in the spring of 1993, the FCC must complete CATV rate regulations for the "basic tier"-- local broadcast stations and access channels.

6) In probably the most important part of the cable bill for DXers, new "must carry" rules will go into effect in the spring of 1993. CATV systems with less than 13 channels must carry at least 3 local over-the-air signals; those with 13 or more must reserve as many as 1/3 of their channels for over-the-air stations. *Some LPTVs will also be required to be carried.*

7) A study will be made of whether it's in the public interest to extend must-carry protection to home shopping stations.

8) Rules will be set to require DBS systems to carry a minimum number of non-commercial channels, to ban indecent & obscene programs on access channels, and to set minimum customer service requirements.

9) Limits will be placed on how many subscribers a single firm may serve (nationwide); on the number of channels on a system that may be occupied by program services owned by the system; and on ownership of "wireless cable" and satellite master antenna "SMATV" systems within the franchise area.

10) A rule will be adopted prohibiting cable/DBS/MMDS systems from requiring financial interest in a program service as a prerequisite for carriage.

11) Technical standards will be set for signal quality.

In my personal opinion, #6 will have the biggest impact on DXers, by requiring cable systems to carry over-the-air TV stations in their area. (apparently including some LPTVs, a surprise to me!) This will help preserve new independent stations that would have otherwise gone under due to lack of access to cable subscribers. (WJFB-66, for a good example) Of course, if you don't like extra locals, you may not want must-carry!

Turner Broadcasting has already filed suit in federal court in Washington, asking that the must-carry and retransmission consent regulations be overturned. And, Bob Thomson of major cable firm TCI says his firm has no intention of paying any over-the-air station for carriage if they attempt to invoke retransmission consent.

In case anyone plans to cast their vote based on this issue-- it's probably too late by the time you read this! Anyway, Democrats Bill Clinton and Al Gore supported the cable bill (Gore voted for it); Republicans George Bush and Dan Quayle were against it. (Bush vetoed it) Ross Perot's position is unknown.

FORUM

Bill Fahber, Bridgeton, NJ:

Besides the FCC data, bill sent a brief item from the Aug. 20 *Philadelphia Inquirer* mentioning the return of WGTW-48. "Previously dark since August '83, the Lazarus of local airwaves -- Channel 48 -- has quietly returned to the air."

President and GM Dorothy Brunson is quoted as saying "I have to be overly cautious. -- I've been burned before. I want to deliver only on that which I commit to deliver." (hmmm. Is that what she really meant to say??) (remember that her former consultant, Gordon French, got in trouble last year for suggesting that the station would be on sooner than Brunson thought it would be)

Ron Wing, Wichita, KS:

Ron sends notice from the Oct. 1 *Wichita Eagle* promising the premiere of K55FS. The station actually began broadcasting on Oct. 5.

Dave Moody, Portsmouth, OH:

From the Sept. 16 *Columbus Dispatch*, it's noted that WSYX-6 wants to build a tower over 300m tall in Franklin Township, Ohio, on land leased from a cemetery. Permission from the FCC (I haven't seen an application yet) is still needed (though I think permission would be routinely granted) for construction of the \$2,000,000 tower. FAA approval has already been obtained.

In an interesting twist to the zoning problems that usually accompany construction of TV transmitting towers, Franklin Co. Zoning Administrator Phil Laurien says that television towers, as regulated public utilities, are exempt from zoning.

WSYX's current tower near Dodridge St. & Olentangy River Road (I believe this is roughly 3km NW of downtown Columbus-- Dave or other Ohio readers, can you confirm this?) is only 163m high, and tall buildings in downtown Columbus block channel 6's signals in some places south of town.

Dave Sinclair, Vancouver, BC:

Dave visited Spokane in early September, and noted that KSKN-22 is still off. Spokane has had wireless cable (MMDS) for over a year. Locals told Dave that the system carries the 5 local stations and roughly 22 other signals, and that subscribers are very satisfied with the service.

"I was advised that there is an attachment to the antenna that can be put on to adjust the signal strength in very hot weather." I'm not sure I understand what they're doing there, but Spokane is semi-desert territory, so I suppose some rather extreme weather-- and tropo-- is possible in summer.

Bill Nienadady, Clifton, NJ:

Bill sends details of an interesting method of learning Morse Code, for those interested in getting their Tech Plus or other amateur licenses. On subjects more

relevant to the WTFDA, a few clippings...

From the July 24 *NY Post*, executive VP of WNET-13 George Miles explained their plans for the potential takeover of the New Jersey Network's 4 stations. Under Miles' plan, WNET-13 and WNJS-23 (Camden/Philadelphia) would operate in parallel with PBS shows and existing NJN public affairs programs. WNJM-50, WNJB-58, and WNJT-52 (Montclair, New Brunswick, and Trenton), and "another channel still to be named in the south" (I have no idea!), would carry another network with instructional programs.

The FCC has approved the sale of WWOR-9 to BHC Communications.

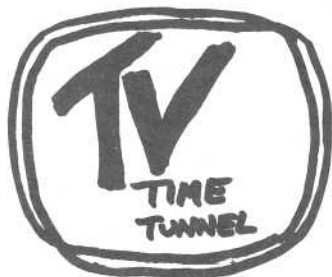
An episode of Fox's "The Simpsons" raised a ruckus in New Orleans. According to the Oct. 5 *NY Daily News*, in the episode, Marge Simpson is trying out for a production of Tennessee Williams' "A Streetcar Named Desire", and misreads several lyrics, calling New Orleans "crummy, lousy, rancid, and rank".

WNOL-38 (Fox's New Orleans affiliate) urged Fox President Jamie Kellner to apologize to the city-- but WNOL GM Madelyn Bonnet said that about half of the calls Channel 38 received actually agreed with the modified lyrics!

Finally, in the "how sick can this country get" department... "Mother shoots son, 12, over TV". 39-year-old Yvonne Lindsey of St. Louis was charged with 1st degree assault and armed criminal action after shooting her son in the left wrist. (the boy was in serious but stable condition) Lindsey, her son, and 3 other children were watching TV when she threatened to shoot the TV if he didn't stop switching channels. He told her to go ahead and shoot-- so she cursed at him and shot him instead of the TV..

Still no real DX down here... a pretty good local enhancement in mid October (W46AJ and W43AG in pretty good) but nothing better. Hopefully there's more tropo to come soon. Good DX!

73 Doug



NEXT MONTH "TIME TUNNEL" SHOWCASES THE TALENT OF WFOAer ROBERT J. WILLIAMS AS WE PRESENT A GENEROUS SAMPLING OF HIS HAND-DRAWN TEST PATTERNS

EDITED BY TOM BRYANT
849 TODD PREIS DRIVE
NASHVILLE, TN 37221

IT'S ALL IN THE CALL

HERE ARE 28 SAMPLES OF THE INGENUITY OF U.S. BROADCASTERS. IN SOME CASES ONLY THE LAST TWO OR THREE LETTERS ARE SIGNIFICANT, BUT EVEN THE MANDATORY W S K PREFIXES ARE TRANSFORMED INTO MEANINGFUL CONTENT IN OTHERS. HUNDREDS OF STATIONS APPLIED FOR AND WERE GRANTED 'CALLS WITH A MEANING'...THESE ARE SOME OF THE MOST INTERESTING.

WINSTON-SALEM, N. C.

WTOB-TV

TOBacco (City calls itself the 'World's Tobacco Capital')

OKLAHOMA CITY, OKLA.

KWTV

World's Tallest Video
(Its tower is 1572 feet high)

CHICAGO, ILL.

WTTW

Window To The World

SALINAS-MONTEREY, CAL.

KSBW

Saled Bowl of the World

ROCHESTER, N. Y.

WVET *WVET*

*VET*erans
(38 World War 2 vets started station)

WHAT'S IN A NAME?

Here's how some TV stations got theirs

TV stars have stage names ranging from Eve Arden (real name, Eunice Quedons) to Gale Storm (Josephine Cottle). They are the brainstorms of their agents, directors, publicity men or, sometimes, even their parents.

Along the same lines, TV stations have call letters ranging from WBUF (Buffalo, N.Y.) and WCSC-TV (Charleston, S.C.) to KOED (Quod erat demonstrandum—see opposite page). These letters may be abbreviations of the station's locale, the initials of the proud owner, a clue to some item of local pride or merely a bunch of letters put together by the Government, signifying nothing. But everybody loves a good slogan, and meaningless call letters have a way of acquiring a meaning. Sometimes an enterprising station manager or publicity man creates one; for WKRG, Mobile, Ala., for instance, owner Kenneth R. Giddens (KRG—get it?) came up with "Kolossus 'Round the Gulf." Sometimes stations hold contests among viewers. WKNO-TV, Memphis, Tenn., got its slogan from such a contest, for which it offered a television set as a prize. The winner: "Window of KNOwledge."

LAREDO, TEX.



KHAD-TV

Hank And Dave (H. C. Avery, Jr., and David H. Cole, the owners)

MEMPHIS, TENN.

WKNO-TV

Windows of KNOwledge

ROCK ISLAND, ILL.

WHBF

Where Historic Blackhawk Fought (A famous Indian chief)

ST. PETERSBURG, FLA.

WSUN-TV

Why Stay Up North?

ASHEVILLE, N. C.

WLOS-TV

Wonderful Land Of the Sky

PORTLAND, ME.

WMTW

MT. Washington
(It is nearby)

SOUTH BEND, IND.

WNDU-TV

Noire Dame University

NASHVILLE, TENN.

WSM-TV

We Shield Millions
(Station founded by insurance co.)

FORT WORTH, TEX.

WBAP

We Bring A Program

COLUMBIA, S. C.

WIS-TV

Wonderful Iadine State

DAVENPORT, IA.

WOC-TV

Wonders Of Chiropractic
(Founded by Palmer School of Chiropractic)

BEAUMONT, TEX.

KFDM-TV

Call For Dependable Magnolene
(Magnolia Petroleum Co. founded radio station)

OMAHA, NEBR.

WOW

Woodmen Of the World
(Life insurance society that founded station)

ATLANTA, GA.

waga·tv

Atlanta, GA.

SAN FRANCISCO, CAL.

KOED

Quod Erat Demonstrandum (Latin for: That which was to be proved)

ATLANTA, GA.

WSB-TV

Welcome South, Brother

PORTLAND, ME.

WCSH-TV

Congress Square Hotel Co.
(Company started radio station)

CAMBRIDGE, MASS.

WGBH-TV

Great Blue Hill
(Location of its transmitter)

MILWAUKEE, WISC.

WXIX

XIX
(Latin for 19, the station's channel)

CHICAGO, ILL.

WGN

World's Greatest Newspaper
(Slogan of the Chicago Tribune)

SPRINGFIELD, MO.

KTTS

Keep Tuned To Springfield

WASHINGTON, D. C.

WTOP-TV

TOP (Radio station was at the top of the dial)

MISSOULA, MONT.

KGVO-TV
Channel 13

Key to Golden Values and Opportunities

Robert Kramer - Chicago Illinois has more of his midwest DX fotos this month. His equipment: 1978 RCA 19" b&w, Sony 19" color set, Mitsubishi HS-422UR stereo VCR. Archer U-120 UHF Yagi at 60', Archer V-185 log periodic at 50'; both antenna fed with RG-11 coax, 3 Archer adjustable preamps model 15-1113A, Alliance HD-73 rotor. Camara equipment: Ricoh XRM 35mm loaded with Kodak T-Max 400 b&w film.

CIII22
-22

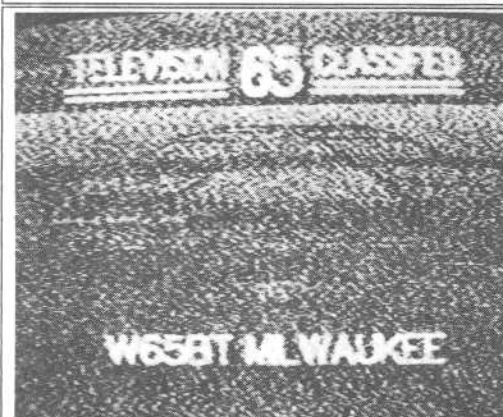
Steve-
son
Ont-
ario

252
mile
tropo

seen
Dec.
1991



WSAV-3
Savannah
Georgia
763 mile E-skip
seen May 25, 1992
at 1130 CDT



W65BT
Milwaukee
Wisconsin
78 mile tropo
seen June 1, 1992
at 2200 CDT

more on page 2

Robert Kramer's foto file continued...



W54AP
Mokena Illinois
31 mile Groundwave
seen June 1992



W54BE
Sugar Grove
Illinois
40 mile Groundwave
seen June 2, 1992
at 0005 CDT



KATC-3
Lafayette
Louisiana
840 mile E-skip
seen July 7, 1992
at 1830 CDT

more from Bob next month.

Till next time, DAVE

WESTERN TV-DX

Fred McCormack
PO Box 55666
St. Paul MN 55165-0666

(612) 735-6860

Deadline: 12-10-92
Cut-off: 09-01-92

November 1992

September was most notable for occurrences of super tropo in the Midwest. The hottest periods seem to have been 12-14 and 24-25. On the 24th, Bill Eckberg caught a narrow duct extending 900+ miles into Texas.

E skip was only reported on one date with Mike Cherry catching an excellent auroral induced event on the 17th.

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

BN Baja California Norte
CH Chihuahua

SI Sinaloa
SO Sonora

ANC All News Channel
CBN Family Channel
CHA Channel America
FAM The Family Network
HSC Home Shopping Club
HSN Home Shopping Network

SHO Showtime
TAB Three Angels Broadcasting
TBN Trinity Broadcasting
TNN The Nashville Network
VJN Jukebox Network
VVN Valuevision Network

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CDT

Equipment:

7" Finco dish, B-T CMA-Ub preamp @ 93", .750 cable. Stacked Finco high band yagis @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) yagi. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

July 1992

| | | | | | |
|------------|-----------------|------------|------------------|------------|-----------------------|
| 7 Es 0803 | KTWO 2 WY 945 | 12 Es 0640 | @KBTX 3 TX 1065 | 15 tr 2218 | W40AK 40 MI 110 |
| 0840 | KCBC 4 WY 1065 | 0646 | @KSWK 3 KS 840 | (Muskegon | CHA) |
| 0905 | KOTAt 3 SD | | (See Note # 1) | | |
| 0953 | unid channel 6 | | KAMR 4 TX 985 | | |
| 1130 | KIITt 3 TX | 0709 | KLBY 4 KS 795 | 16 Es 0935 | KXMat 2 ND |
| | KIDK 3 ID 1245 | | (KAKE-10 ID) | | unid channel 3 |
| | KUTV 2 UT 1275 | 0712 | @KOET 3 OK 760 | | KWSet 4 ND |
| | KTVX 4 UT 1280 | | ("OETA") | 0945 | KOUSt 4 MT |
| 1200 | WEDU 3 FL 1185 | 0716 | KDFW 4 TX 965 | 1033 | KTVQt 2 MT |
| | WRBLt 3 GA | 0721 | KCNC 4 CO 965 | | unid ch 4 CTV |
| | unids chs 2-6 | | KJRH 2 OK 725 | 1320 | unids chs 2-4 |
| 1300 | KRTV 3 MT 1155 | | KWGnt 2 CO | | (See Note # 2) |
| | KFBbt 5 MT | 0930 | all gone | 18 Es 1805 | KTWO 2 WY 945 |
| | KVTMt 6 MT | 1330 | unid channel 2 | | KCWC 4 WY 1065 |
| | KXLF 4 MT 1210 | 1730 | unid channel 2+ | 1948 | KCNC 4 CO 965 |
| | WJXT 4 FL 1030 | tr 2228 | WCCO 4 MN 290 | | KWGnt 2 CO |
| 1342 | KSREt 6 ND | | (Strong) | 1952 | WBTV 3 NC 710 |
| 1345 | CFSS 3 SK 800 | 2232 | W57AR 57 WI 145 | | WCBD 2 SC 900 |
| 1400 | CFGN 4 AB 1310 | | (Sayner | 1955 | WCIV 4 SC 900 |
| 1420 | CFRN 3 AB 1310 | 13 tr 0500 | KSAX 42 MN 385 | 1957 | WWAY 3 NC 865 |
| 2048 | KRTV 3 MT 1155 | 14 Es 2100 | unids 2-5 w & s | 2013 | WSAV 3 GA 920 |
| | KFBb 5 MT 1155 | 15 Es 1230 | unids 2-4 west | 2021 | WCSC 5 SC 900 |
| 2320 | KTVX 4 UT 1280 | tr 2105 | WDRB 41(IN) 430 | 2054 | WJXT 4 FL 1030 |
| | KCWC 4 WY 1065 | | W54BK 54 IN 205 | 2104 | KCWC 4 WY 1065 |
| | KUTVt 2 UT | | (Chesterton | tr 2122 | W54AP 54 IA 200 |
| | KSL t 5 UT | | ANC) | | (Blue Island Note #3) |
| 2332 | KCNC 4 CO 965 | | W18AT 18 IN 195 | Es 2130 | KKToT 2 NM |
| 2345 | all gone | | (Gary | | KOB 4 NM 1185 |
| 12 Es 0630 | KFOR 4 OK 810 | | Iron Mtn Us strg | tr 2142 | W18AT 18 IN 195 |
| | KSNW 3 KS 695 | | Rckford 45,62,68 | tr 0510 | W59CA 59 MI 200 |
| | unids chs 2 & 5 | | 2218 | tr 0510 | W59CA 59 MI 200 |
| | | | (Escanaba | | (Jackson |
| | | | WLUK-11) | | WAQP-49) |

Western TV-DX

November 1992

William Draeb (continued)

| | | | | | | |
|------------|------------------|------------|-----------------------|----------------|-----------|------------------|
| 19 tr 0510 | W69BJ 69 MI 195 | 15 tr 2138 | W25BM 25 MI 180 | September 1992 | 1 tr 1940 | Youngstown 21, |
| | (Lansing | | (Berrien Springs TAB) | | | 27 and 33 |
| | WAQP-49) | | G Rps 15,19,61 | | | Columbus 28, 34 |
| | W61BX 61 MI 130 | | Muskegon 29,40 | | | WGRB 34 KY 515 |
| | (Grand Rapids | | W25BM 25 MI 180 | | | WDRB 41(IN) 430 |
| 21 Es 0745 | KTVX 4 UT 1280 | | W69BJ 69 MI 195 | | | WTVQ 36 KY 470 |
| | KUTVt 2 UT | | 2220 | | | WLKY 32(IN) 430 |
| | KTWot 2 WY | | W69BT 69 IN 200 | | | WHIZ 18 OH 420 |
| | tr 2230 | | (South Bend | | | WSFJ 51 OH 405 |
| | WDRB 41(IN) 430 | | WCIU-26) | | | WQEX 16 PA 470 |
| | W54AR 54 WI 100 | 20 tr 2118 | Toronto 19, 25, | | | WQAC 67 OH 395 |
| | (Fence | | 41, 47, and 57 | | | WJUC 44 OH 435 |
| | WPNE-38) | | Kitchener 28, | | | WPTT 22 PA 485 |
| | Iron Mtn Us strg | | 56, and 61 | | | WPGH 53 PA |
| 26 tr 2128 | W54BK 54 IN 205 | | London 18,40,53 | | 2000 | WKLE 46 KY 480 |
| 28 Es 1025 | WBTV 3 NC 710 | | CBLFT15 34 ON370 | | | WCET 48 OH 400 |
| | WCBD 2 SC 900 | | CITY2 31 ON 350 | | | W54BK 54 IN 205 |
| | WCIV 4 SC 900 | | CICO20 20 ON 210 | | | WYMT 57 KY 550 |
| | 1120 | | Sarnia 34, 68 | | | Iron Mtn Us 100 |
| 29 tr 2141 | W54BK 54 IN 205 | | CBLN4 45 ON 315 | | 2013 | WNEO 45 OH 415 |
| 31 tr 0730 | CBCE 16 ON 285 | | CBLFT23 16 ON280 | | | WNEO 45 OH 415 |
| | W18AT 18 IN 195 | | 2150 | | | WNET 39 TN 635 |
| | W24AWt 24 IN | | WUTV 29 NY 440 | | | WSBN 47 VA 580 |
| | (Valparaiso | | 2241 | | | WCON 52 KY 430 |
| | ANC) | | WSEE 35 PA 410 | | | (See Note # 4) |
| | W54BK 54 IN 205 | | WNYbt 49 NY | | 2023 | WKON 52 KY 430 |
| | W24AI 24 IN 190 | | WNED 17 NY 440 | | | WKMN 68(IN) 430 |
| | (Michigan City | | CIII22 22 ON 300 | | | WCVN 54 KY 405 |
| | TBN) | | WYTV 33 OH 420 | | | 2034 |
| | | | WLAJ 53 MI 205 | | | WKHA 35 KY |
| | | | (Live WXYZ news) | | | WKSQ 29 KY 520 |
| | | | 21 tr 0725 | | | 2051 |
| | | | WHIZ 18 OH 420 | | | WNSYt 52 VA |
| | | | 1907 | | | WDKY 56 KY 480 |
| | | | WNEO 45 OH 415 | | | WSTR 64 OH 400 |
| | | | WYTV 33 OH 420 | | | 2105 |
| | | | WPMTt 43 PA | | | WKZT 23 KY 475 |
| | | | WKBN 27 OH 420 | | | WXIX 19(OH) 400 |
| | | | WAKC 23 OH 380 | | | 2121 |
| | | | WBNX 55 OH 370 | | | WLJC 65 KY 510 |
| | | | WEAO 49 OH 375 | | | 2129 |
| | | | WSEE 35 PA 410 | | | WPBO 42 OH 455 |
| | | | WQLN 54 PA 410 | | | WKYT 27 KY 470 |
| | | | 1917 | | | WLEX 18 KY 465 |
| | | | WSTR 64 OH 400 | | | (Abv 2 snowfree) |
| | | | WCET 48 OH 400 | | | WKMRt 38 KY |
| | | | WJET 24 PA 410 | | | 2143 |
| | | | unid ch 68 ese | | | WMSY 52 VA 605 |
| | | | 22 tr 0600 | | | 2145 |
| | | | W18AT 18 IN 195 | | | WKPC 15(IN) 430 |
| | | | 0936 | | | WBNA 21 KY 450 |
| | | | KRWF 43 MN 395 | | | (TBN) |
| | | | KSAX 42 MN 385 | | | Rockford 33,45, |
| | | | WNEO 45 OH 415 | | | 62 and 68 |
| | | | WEAO 49 OH 375 | | | 3 tr 1938 |
| | | | 1827 | | | WTVQ 36 KY 470 |
| | | | KSAX 42 MN 385 | | | W54BK 54 IN 205 |
| | | | 1956 | | | WCET 48 OH 400 |
| | | | WDRB 41(IN) 430 | | | WSTR 64 OH 400 |
| | | | W24AW 24 IN 205 | | | W54BK 54 IN 205 |
| | | | 2126 | | | W18AT 18 IN 195 |
| | | | CBLFT23 16 ON280 | | | 1759 |
| | | | CBCE 16 ON 285 | | | KSBB 41 MO 520 |
| | | | 2242 | | | KYFC 50 MO 520 |
| | | | 2247 | | | 1800 |
| | | | 2300 | | | KSAX 42 MN 385 |
| | | | 23 tr 1650 | | | KPTM 42 NE 500 |
| | | | 1652 | | | (Snow free) |
| | | | WCET 48 OH 400 | | | 1903 |
| | | | 1657 | | | KHIN 36 IA 445 |
| | | | 1800 | | | WHMB 40 IN 320 |
| | | | 24 tr 2054 | | | (Live WISH news) |
| | | | W40AN 40 MI 95 | | | W48AP 48 OH 275 |
| | | | WDNL 30 MO 430 | | | WOAC 67 OH 395 |
| | | | WWSL 46(MO) 445 | | | WMFD 68 OH 370 |

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-833-1809)

CDT

Equipment:

ICOM R7000 with video adapter; Zenith L1310, N1310, Y1310 13" color sets; five 9" to 12" black & white Zeniths for E skip (all sets circa 1979-1982). Screened Channel Master 7' dish with UA-900 preamplifier, .500 aluminum hardline up 85'. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 up 18'.

| | | | | | |
|----------------|-----------------------|------------------|------------|------------------------|-----|
| September 1992 | 13 tr 0055 | CICOW 55 ON | 17 tr 0615 | WTVI 42 NC | 650 |
| | | (See Note # 2) | 0624 | WUNL 26 NC | 625 |
| 4 tr 2000 | W57AR 57 WI | 390 | | WSBN 47 VA | 500 |
| | (Sayner WSAW- 7) | | | CIII41 41 ON | 620 |
| | W57BJ 57 WI | 306 | 20 tr 0530 | KY, OH, TN in | |
| | (Green Bay TAB) | | | very well | |
| 5 tr 0245 | CIC059 59 ON | 466 | | WMFD 68 OH | 420 |
| | @CBLN4 45 ON | 545 | 0105 | @CBLFT10 48 ON | 455 |
| | @CBLN 40 ON | 511 | | CBLN4 45 ON | 545 |
| | CITY 57 ON | 620 | 0125 | CBLN1 56 ON | 558 |
| | @CBLN2 34 ON | 460 | 0128 | CBLFT9 53 ON | 511 |
| | CIII22 22 ON | 477 | | KMCT 39 LA | 555 |
| | @CBLN3 64 ON | 455 | 0144 | CBLN2 34 ON | 460 |
| | @CBLFT10 48 ON | 455 | 0150 | W69BT 69 IN | 246 |
| | CIC032 32 ON | 418 | | (South Bend w/WLRE-26) | |
| | CITY2 31 ON | 525 | 0204 | WDCA 20(MD) 728 | |
| 7 tr 0710 | K62DA 62 MO | 260 | | (Normal WCUI-26) | |
| | (Malden WREG- 3) | | 0215 | @CKCO 13 ON | 555 |
| 12 tr 0132 | WMAW 14 MS | 581 | 0255 | @CBLFT17 68 ON | 463 |
| | 0135 WSAF 12 AL | 637 | 0258 | CIC018 18 ON | 511 |
| | 0141 unid channel 14+ | | | (Best ever) | |
| | (MSTV to se) | | 0303 | CIII27 27 ON | 685 |
| 0230 | WCOV 20 AL | 611 | | CIII22 22 ON | 477 |
| | KLAX 31 LA | 623 | 0332 | K22CO 22 LA | 555 |
| 0247 | WLTZ 38 GA | 639 | | (Monroe VJN) | |
| | WNAL 44 AL | 512 | | (See Note # 3) | |
| 0344 | W29AO 29 AL | 539 | 0345 | @WNEP 16 PA | 776 |
| | (Anniston WBRG- 6) | | | @CFMT 47 ON | 620 |
| 0409 | @KMSS 33 LA | 567 | | CITY2 31 ON | 525 |
| 0445 | WGBC 30 MS | 572 | 0409 | W24AE 24 TN | 369 |
| 0500 | WDBD 40 MS | 565 | | (Nashville HSN) | |
| | WABM 68 AL | 528 | 0440 | CICA51 51 ON | 610 |
| 0522 | @WDEF 12 TN | 469 | | unid ch 20 ne | |
| 0534 | WAKA 8 AL | | | (Canadian?) | |
| 0550 | WTOK 11 MS | 572 | 0515 | WVIA 44 PA | 775 |
| | WJSU 40 AL | 539 | 0535 | @WKBN 27 OH | 527 |
| 0640 | WHLT 22 MS | 645 | 0543 | @WAPT 16 MS | 565 |
| 1040 | KHSH 67 TX | 799 | | WMAV 14 MS | 581 |
| 2133 | WIIQ 41 AL | 580 | | WMAV 18 MS | 429 |
| | WDSI 61 TN | 467 | | WMPN 29 MS | 569 |
| 2235 | W--- 63- ?? | | 0545 | @WXVT 15 MS | 469 |
| | (Unknown TBN) | | 0617 | WDBD 40 MS | 565 |
| | (See Note # 1) | | 2350 | @WSYT 68 NY | 765 |
| 2243 | WEIQ 42 AL | 694 | 14 tr 0015 | @CBLN 40 ON | 511 |
| | WFIQ 36 AL | 436 | | @CBLN4 45 ON | 545 |
| | CIC059 59 ON | 466 | 0410 | CIII41 41 ON | 620 |
| 2310 | WHLT 22 MS | 645 | | CITY 57 ON | 620 |
| 2345 | WMAW 14 MS | 581 | | @CFMT 47 ON | 620 |
| 13 tr 0012 | @CBLFT8 61 ON | 558 | | CICA 19 ON | 620 |
| | 0025 W--- 52+ ?? | | 0430 | @WNED 17 NY | 632 |
| | (Unknown shopping) | | 17 tr 0607 | WGGT 48 NC | 668 |
| 0040 | WSYT 68 NY | 765 | | (See Note # 4) | |
| | CKC03 42 ON | 467 | 0610 | WLXI 61 NC | 648 |
| 0615 | WCNC 36 NC | 652 | 0614 | WJZY 46 NC | 640 |
| | | | 0615 | WCNC 36 NC | 652 |

- Note # 1 - Heading was to Pensacola (same with the channel 52 home shopping).
- Note # 2 - This is probably a goodie, perhaps most distant Canadian, but dunno where it's located. (It probably was CICO-TV-92 at Cloyne. fm)
- Note # 3 - There was typical enhancement out to 450 miles in all directions, but this nice little duct snuck in for half an hour.
- Note # 4 - No trace of any Iron Mountains, nor of course, the Channel America in Muskegon which has been tried for many, many times.

Jim Pizzi, 814 Brookhill Drive, Paso Robles CA 93446 (805-238-5271)

PDT

Equipment:

Radio Shack VU-210 with rotor and preamp at work. Zenith 27" TV, Radio Shack 15-1712 V/U antenna and Winegard CP-8800 preamp at 13' agl at home.

| | | | | | | |
|-----------|--------------------|----------|-------------|------------------|-----------|-----------|
| July 1992 | 9 Es 0840 | XHI 2 SO | August 1992 | 1 Es 1800 | KSWK 3 KS | 1090 |
| 6 Es 1330 | KDBC 4 TX | 855 | 0915 | XHBS 4 SO | 1830 | KOAA 5 CO |
| | XEPM 2 CH | 860 | 11 Es 0930 | KOMO 4 WA | 835 | 905 |
| 7 Es 0759 | KFBB 5 MT | 955 | 0954 | KING 5 WA | 835 | 1959 |
| | KRTV 3 MT | 955 | 1000 | KATU 2 OR | 690 | 2001 |
| | 0803 unids chs 2-3 | | | CBUT 2 BC | 955 | 7 Es 1745 |
| | (See Note) | | 21 Es 1610 | KMID 2 TX | 1080 | XHHS 4 SO |
| 8 Es 1800 | CKXX 2 AB | 1110 | 1629 | KENW 3 NM | 975 | 8 Es 1030 |
| | CFRN 3 AB | 1280 | 1813 | unids ch5 Mexico | | KSWK 3 KS |
| 1833 | KREM 2 WA | 845 | | (20 kHz apart) | | 1090 |

Note - Religious program with Edmonton phone numbers.

Very quiet year for E skip - a few new loggings though. Not much better elsewhere from reading the VUD. Seems like off season E skip was better this year, so keep an eye out for this "off season". 73s

Robert Kramer, Box 8244, Chicago IL 60680 (N9MBK) (312-262-6299)

CDT

Equipment:

1978 RCA 19" black & white, Sony 1923 19" color, Mitsubishi HS-422UR Stereo VCR, Archer U-120 UHF yagi at 68', Archer V-185 VHF log periodic at 58', both fed with RG-11 coax, 3 Archer adjustable preamps (Model 15-1113A), Alliance HD-73 rotor, Ricoh XRM camera loaded with Kodak T-Max 400 film.

| | | | | | | |
|-------------|----------------------|--------------|-----------|-------------|-----------------|--------------|
| August 1992 | 4 tr 1613 | WGTE 30 OH | 220 | 5 tr 0112 | WJRT 12 MI | 224 |
| 17 tr 2038 | WCMV 27 MI | 206 | | 0121 | CBLN 40 ON | 338 |
| | 2041 | WGKI 33 MI | 206 | 1730 | CKC03 42 ON | 260 |
| | 2154 | WGTO 29 MI | 225 | 1804 | WKBT 8 WI | 230 |
| 19 tr 0037 | W33AX 33 WI | 121 | 1805 | WHLA 31 WI | 230 | 0124 |
| | (Madison TBN) | | 1838 | KYIN 24 IA | 307 | 0125 |
| | 0042 | W45AJ 45 IL | 75 | | ("local grade") | 0148 |
| | (Rockford CHA) | | 1842 | KTIN 21 IA | 335 | 0151 |
| 20 tr 2114 | WCMV 27 MI | 206 | 1850 | KCCI 8 IA | 315 | WGPR 62 MI |
| | WGKI 33 MI | 206 | 1856 | KPTM 42 NE | 438 | 0153 |
| 21 tr 1716 | WGKI 33 MI | 206 | 1904 | KHIN 36 IA | 398 | 0207 |
| | WCMV 27 MI | 206 | 1910 | KSIN 27 IA | 462 | 0217 |
| | CITY2 31 ON | 365 | 1915 | WEAU 13 WI | 285 | 0323 |
| | @CBLN4 45 ON | 545 | 1924 | KITN 29 MN | 360 | 0422 |
| 29 tr 0100 | @K68DK 68 KS | 235 | 1930 | KWWL 7 IA | 240 | 0442 |
| | (Overland Park LPTV) | | | (See Note) | | W48-- 48 MI? |
| | 0430 | WPGD 50 TN | 355 | 1932 | KMEG 14 IA | 462 |
| | 0447 | @WSBN 47 VA | 500 | 1953 | KRIN 32 IA | 240 |
| | 0901 | W68CG 68 TN | 369 | 2000 | WGKI 33 MI | 206 |
| | (Nashville VJN) | | 2009 | W33AX 33 WI | 121 | 7 tr 0121 |
| 30 tr 0430 | K15DD 15 KS | 410 | 2010 | KXLI 41 MN | 414 | 0145 |
| | (Wichita HSC) | | 2030 | KEYC 12 MN | 363 | 0242 |
| | 0445 | @K55FS 55 KS | 410 | 2034 | KSMO 15 MN | 299 |
| | (Wichita LPTV) | | 2036 | KTTC 10 MN | 292 | 13 tr 0027 |
| | 0447 | K59DA 59 KS | 410 | 2040 | KAAL 6 MN | 299 |
| | (Wichita TBN) | | 2109 | KLGT 23 MN | 360 | 0028 |
| | 0532 | K45AH 46 OK | 475 | 2136 | KSAX 42 MN | 475 |
| | (Medford w/KAFT-13) | | 2217 | WGTU 29 MI | 424 | 0206 |
| | (Normal KERA-13) | | 2305 | KRWF 43 MN | 418 | 0220 |
| | | | 2320 | WHWC 28 WI | 299 | 0223 |
| | | | 2342 | WLAX 25 WI | 230 | 0236 |
| | | | 2345 | WDSE 8 MN | 407 | 0249 |
| | | | 5 tr 0011 | WXON 20 MI | 220 | 0257 |
| | | | 0015 | WDIO 10 MN | 407 | 0349 |
| | | | 0018 | WHRM 20 WI | 220 | 0455 |
| | | | 0029 | WLEF 36 WI | 325 | (HSS) |
| | | | 0100 | WEYI 25 MI | 222 | 1032 |
| | | | 0105 | WGTQ 8 MI | 372 | 1100 |
| | | | | | | WBNW 24 OH |
| | | | | | | 27 OH |
| | | | | | | 347 |

| | | | | | |
|----------------------------------|------------------|-----------------------|--|---------------------------|---------------------------|
| <u>Robert Kramer (continued)</u> | | | | 14 tr 0035 WUPW 36 OH 220 | 14 tr 0241 WOIO 19 OH 320 |
| | | | | 0053 WUTV 29 NY 460 | 0254 CICO18 18 ON 338 |
| 13 tr 1326 | WBSX 31 MI 205 | 0109 WICU 12 PA 398 | | 0314 CBEFT 54 ON 245 | |
| 1328 | CBLN 40 ON 338 | 0125 WVIT 30 CT 768 | | 0355 WNED 17 NY 460 | |
| 1330 | CBLN4 45 ON 349 | 0130 WUAB 43 OH 293 | | 0418 WXON 20 MI 240 | |
| 1423 | WJRT 12 MI 224 | 0144 CBLN2 34 ON 260 | | ("local grade") | |
| 1925 | CITY2 31 ON 365 | 0200 WNYB 49 NY 460 | | 0420 WBNX 55 OH 320 | |
| 2239 | WKBN 27 OH 347 | (TCT) | | 0427 WTYS 56 MI 240 | |
| 2333 | WSYT 68 NY 591 | 0205 CITY 57 ON 440 | | 0432 WQHS 61 OH 320 | |
| 2355 | WEYI 25 MI 222 | 0206 WAKC 23 OH 307 | | 0432 WGRG 45 OH 237 | |
| | WAQP 49 MI 222 | 0215 CIII29 29 ON 260 | | 0444 WVIZ 25 OH 320 | |
| 14 tr 0015 | WJET 24 PA 398 | 0215 WTLW 44 OH 200 | | 0541 WBGU 27 OH 200 | |
| 0022 | WADL 38 MI 240 | 0225 CKCO 13 ON 390 | | 0600 WLIO 35 OH 200 | |
| 0030 | W48-- 46 MI? FAM | 0226 CIII27 27 ON 509 | | | |
| 0034 | CIII41 41 ON 440 | 0227 CFMT 47 ON 440 | | | |

Note - KWVL video with local WLS audio.

September so far has been one of the best tropo months ever for me. KARD-14 at 693 miles was a record mileage from Chicago, only for WVIT-30 at 768 miles to break that record the following night.

I got plenty of good video tape and photos this season. I sent a whole bunch of stuff to Photo News, so you should see some soon. I gave a presentation on TV-DX at the Chicago Amateur Radio Club in early August using some of the video tape I got last year (none over 340 miles). Two nights later, I had all kinds of 400-500 mile tropo tapes. Murphy's Law hits again, hi. 73, RK

Frank Aden Jr., 4096 Marcia Place, Boise ID 83704 N7SOK MDT

Equipment: RCA 19 inch TV, BMC 13 inch monitor, RCA and Radio Shack VCRs, 8 el chs 2-13 antenna at 22' on rotor.

The 1992 E skip season here was another poor one with few openings reaching above channel 4. A few days before I saw my first opening here I heard two hams on 10 meters talking about the low band TV skip they were getting (one was in California) yet the MUF was between 30-40 MHz.

| | | |
|---------------------------|--------------------------|---------------------------|
| <u>July 1992</u> | <u>August 1992</u> | 12 ms 0520 KDUH 4 NE 665 |
| 11 Es 2200 KMTV 3 NE 1040 | 7 ms 2348 @KSWK 3 KS 885 | ("KOTA" slide) |
| CBWFT 3 MB 980 | 9 ms 0405 KUTV 2 UT 295 | 0555 KLBV 4 KS 825 |
| | 11 Es 2000 XHBC 3 BN 760 | 13 ms 0447 @KLBV 4 KS 825 |

During most of the openings I spent more time working 10 meters trying to make short hop contacts for "Worked All States" so did not spend as much time as I normally would DXing TV and FM. I did get WAS by the end of June. The week in June of the big E skip openings I was on vacation and at the ARRL Convention in Seaside, Oregon. I noticed some E skip on FM while on the road in California.

During the Perseids, I ran my VCR from 0100-0600 on channel 2, 3, and 4 (trading off on channels 3 and 4). I saw an incredible amount of meteor scatter bursts, but most stations were already in regular programming or running unIDed color bars. I guess there are just too many stations going NSP now. It ruins ms DXing, HI!

I put a 4 bay UHF antenna up at about 20 feet, but have yet to see any DX. I have been at least hoping to see KKVI 35, in Twin Falls, but no such luck. KHDT, channel 9, Caldwell should be on the air by now.

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509 (415-778-8727) PDT

Equipment:
Hitachi CT-932 fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downleads with a Channel Master booster on the UHF. Panasonic VCR.

Time to wrap up the skip season, I guess. With the advent of KSDI-43 I can now watch music videos whenever the central valley's in. Whoopee! Underlined are new.

| | |
|---------------------------|---|
| <u>August 1992</u> | <u>September 1992</u> |
| 14 Es 0930 XHBS 4 SI 1205 | 18 tr 2328 <u>KSDI</u> 43 CA <u>160</u> |
| 24 Es 0659 KMID 2 TX 1175 | |

John Jefferson (continued)

Here's the MUF breakdown through the end of the season:

| DATE | MUF | TIME | DATE | MUF | TIME | DATE | MUF | TIME | DATE | MUF | TIME |
|------|------|------|------|-------|------|------|-----|------|------|-----|------|
| 8/9 | --- | --- | 8/12 | --- | --- | 8/15 | --- | --- | 8/18 | --- | --- |
| 8/10 | 5 | 1746 | 8/13 | --- | --- | 8/16 | --- | --- | 8/19 | --- | --- |
| 8/11 | 98.7 | 2005 | 8/14 | 101.3 | 2018 | 8/17 | --- | --- | 8/20 | --- | --- |
| | | | | | | | | | 8/21 | --- | --- |
| | | | | | | | | | 8/22 | --- | --- |
| | | | | | | | | | 8/23 | --- | --- |
| | | | | | | | | | 8/24 | 2 | 0659 |

Hope the fall will bring great tropo to all.

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment:

1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-2225 detent tuner. Rohn tower - Channel Master 1110 at 41'. Rohn crankup tower - Channel Master 7 foot dish with RDX Labs UA900 (round) preamplifier at 52' and 125' of Jerrold CAC11.

| | | |
|----------------------------------|---------------------------|---|
| <u>September 1992</u> | 24 tr 0455 WXVT 15 MS 570 | 24 tr 1000 KHOG 29 AR 463 |
| 4 tr 0005 KSAX 42 MN 404 | 0456 WMTU 16 TN 419 | 1040 <u>KTHD</u> 48 TX <u>914</u> |
| 2300 <u>K450F</u> 45 MN 220 | 0525 KETK 56 TX 747 | 1100 <u>KXLN</u> 45 TX <u>919</u> |
| (Austin CBN) | 0555 KPOM 24 AR 513 | 1155 <u>KASN</u> 38 AR <u>537</u> |
| 5 tr 0010 <u>K61EU</u> 61 MN 220 | 0600 KLRT 16 AR 503 | 30 tr 0600 <u>KTBO</u> 14 OK <u>612</u> |
| (Austin TNN) | 0600 KFKX 51 TX 697 | |
| 23 tr 0430 WMTU 16 TN 419 | 0630 KARD 14 LA 651 | |

I had a narrow 900 mile plus duct in the AM of September 24th. Strangely, my most distant UHF logging ever came in close to midday on this date. Also KETK-56 and KFKX-51 appeared for 6 hours at 747 and 697 miles respectively. They were snow free at times.

Such a tropo duct is rare. It was characterized by snow free reception at a long distance in a very narrow band skirted on the sides by weak closer in tropo. Local enhancement to 350 miles was noted in most directions early. I missed other tropo as I was gone twice.

My tentative conclusions as to the identity of two Canadian early AM E skip stations on July 29th were wrong. The logo on one was a modernized ATV which was new station CKLT1, channel 3 in Florenceville, New Brunswick. The test pattern on channel 2 with "Quebec - Radio Canada" 1 hour ahead was CJBR or CBGAT-14. No way to tell which. Both had been logged years ago. I received needed help IDing them at the convention. Even after seeing Canadians with their logos, test patterns or color bars, and time zone, they are still difficult to ID. I'll send both Canadian pictures to Photo News later for further scrutiny. It would be boring if they used their calls. HI.

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

Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR, Archer 15-578 variable signal attenuator. Antennas: Lindsay CC-30 22 element log-periodic with Dalco EID-SSV 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. Homebrew six element 6 meter (50 MHz) wide-spaced beam (1.5 wl) @ 60' with Hy-Gain CD-II rotor.

| | | |
|----------------------------|------------------------------|---|
| <u>July 1992</u> | 24 Es 1929 KWGN 2 CO 1096 | 17 aE 2144 <u>KXJB</u> 4 ND <u>1207</u> |
| 30 Es 1700 KVBC 3 NV 986 | 27 tr 0631 KLEW 3(WA) 341 | 2159 <u>CBWT2</u> 4 MB <u>1231</u> |
| | | 2200 <u>KBME</u> 3 ND <u>1062</u> |
| <u>August 1992</u> | <u>September 1992</u> | 2212 f/out MUF:72 MHz |
| 12 ms 2131 KRON 4 CA 769 | 8 au 1930+ CCI chs 2-4 | |
| 24 Es 0600 \$KGE 2 ND 1163 | 17 aE 2130 CBWFT 3 MB 1167 | |
| 1912 KTYS 3 CO 1150 | <u>CKYB</u> 4 MB <u>1056</u> | |

August was almost non-existent for E skip. Opening on 6th (while on vacation) went right into the 2 meter (144 MHz) amateur band. I'm curious what the skip would have been like on lo-band TV.

September 17th auroral E skip provided some of the strongest signals ever experienced via this mode. Antenna beam was 70°. With antenna at 60', normal auroral scatter brought signals in from Portland (audio from KATU-2 Oregon could be heard). TV signals were very strong. On 6 meters (50 MHz), S9+60dB signals from Manitoba, North

Mike Cherry (continued) Dakota, and Saskatchewan from 2120-2224 local time. All in all, 1992 was a pretty exciting E skip season for me - here's hoping this winter's season will provide some treats. September 13th, we had a 120 second E skip opening to western Montana and eastern Oregon on 6 meters - CCI on channel 2 was heavy, but no video. Not much tropo this August/September due to cooler, unstable Pacific air. 73s, Mike VE7SKA.

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477) CDT

Equipment:

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

August 1992

8 tr 2130 W65BY 65 IL 325
(Springfield WSEC-14)

8 tr 2130 WYZZ 43 IL 360
WICD 15 IL 420
KPOM 24 AR 245
WEEK 25 IL 340
KLJB 18(IL) 320
WXIN 59 IN 510
KSBI 52 OK 270
KTBO 14 OK 260
WAND 17 IL 370
KWQC 6 IA 325
WQAD 8 IL 320
WCIA 3 IL 390
WHMB 40 IN 510
WIIB 63 IN 510
(HSC)
WYIN 56 IN 465
WSNS 44 IL 465
unid 42 TBN
WWT0 35 IL 385
WGBO 66 IL 465
WJYS 62 IN 450
WEHS 60 IL 465
unid 46
WSBT 22 IN 530

September 1992

10 tr 0700 K30AE 30 OK 220
(Alva KETA-13)
KTLC 43 OK 260
0900 K14HK 14 KS 170
(Hays KSAS-24)
K64BS 64 KS 110
unid 33 Spanish
(Concordia KOOD-9)
unid 52 TBN
unid 45 CBN
unid 36 PTV

October 1992

1 tr 0700 K46AH 46 OK 205
(Medford KETA-13)
0730 KNCT 46 TX 565
KFWD 52 TX 445
KXXV 25 TX 540
KMKT 44 TX 540
KXTX 39 TX 450
KOCB 34 OK 260
KRRC 35 OK 180
K55FS 55 KS 130
(Wichita LPTV)
K59DA 59 KS 130
(Wichita TBN)
K15DD 15 KS 130
(Wichita HSC)

K17CK in Topeka has been testing for about a week with "K17CK" in white centered on a blue background. They were on as Video Jukebox, but have been off for several months. I don't know what their plans are. K15BQ is still off.

Fernando Garcia, Apartado 30, Suc. B, Cd. Guadalupe, N.L., 67181, Mexico HCM

Equipment:

Sony KV27R(27"), Archer V-185 and V-8 UHF array at 30', amplifier and rotor.

July 1992

1 tr 2200 KOKI 23 OK 764
2210 KTXA 21 TX 522
2 tr 0430 KLST 8 TX 413
0445 KSPR 33 MO 889
0448 KLRT 16 AR 777
0450 KTAB 32 TX 479
0510 KXAM 14 TX 392
0520 unid channel 23
(Galavision)
0530 KDTX 58 TX 534
4 Es 0930 WEAR 3 FL 845
1000 WISC 3 WI 1330
1300 WEDU 3 FL 1088
6 tr 2030 WTWC 40 FL 1010
2040 WGNO 26 LA 640
2042 WLAE 32 LA 640
2050 KTMD 48 TX 404

2115 KLTL 18 LA 522
2120 unid 56 LA PBS
2130 KADN 15 LA 584
2131 K21DM 21 LA 584
(Lafayette LPTV)
2135 WLPB 27 LA 640
2136 KLPP 24 LA 584
2140 KVHP 29 LA 522
unids 34,35,58
(A11 TBN)
2146 KITU 34 TX 491
2150 K59DG 59 LA 640
(New Orleans TBN)
2155 WMAH 19 MS 752
2200 K62DW 62 LA 584
(Lafayette CHA)
2210 KTFHT 49 TX

6 tr 2235 WMAV 18 MS 870
2255 KMSS 33 LA 609
2300 KVCT 19 TX 283
2310 KLAX 31 LA 606
7 tr 0650 KLDI 55 TX 562
0655 KTAB 32 TX 479
0700 KFWD 52 TX 522
0715 KOCB 34 OK 702
0720 KOKH 25 OK 702
0730 KTLCT 43 OK
0740 KTFOT 41 OK
0800 KWHB 47 OK 764
0815 KDOR 17 OK 764
0830 KOKI 23 OK 764
11 Es 2245 XHBC 3 BN 1063
12 Es 0800 WSAZ 3 WV 1346
0930 WAVE 3 KY 889
0950 WEDU 3 FL 1088

Fernando Garcia (continued)

25 tr 0700 KTAB 32 TX 479
26 Es 0830 KLNE 3 NE 1044
0900 KTVS 3 CO 1041
1030 KTVK 3 AZ 904
1045 XHBC 3 BN 1063

8 Es 1800 KOTA 3 SD 1280
20 Es 2135 KMTV 3 NE 1078
2200 KTVO 3 MO 1078
26 tr 0630 KRIV 26 TX 410
0700 KHSB 67 TX 404
27 tr 0600 KETH 14 TX 410
30 tr 0555 KXAM 14 TX 392
0800 KTXA 21 TX 522
0800 KNCT 46 TX 410

August 1992
1 tr 0525 unid channel 66
(Telemundo)
most Houston Us

14 Es 0740 WAVE 3 KY 889
0835 WSIL 3 IL 1063
1000 KTVO 3 MO 1078
1015 KIMT 3 IA 1252
16 tr 0710 KMSS 33 LA 609
0720 KTXA 21 TX 522
0721 KFXK 51 TX 555
18 tr 0003 KTBC 7 TX 354
Es 0930 KDLO 3 SD 1340
25 tr 0610 KTXA 21 TX 522
0658 KXAM 14 TX 392

0555 KXAM 14 TX 392
0700 KTFH 49 TX 423
1500 KLNE 3 NE 1044
6 tr 0555 KPRC 2 TX 410
0610 KLDI 55 TX 562
0615 KFWD 52 TX 522
0620 KABB 29 TX 283
7 Es 1840 XHBC 3 BN 1063
8 Es 0940 TGV 3 GU 1019
0945 YSU 4 ES 1100

September 1992
3 tr 2200 K50AO 50 TX 224
(Corpus Christi VJN)
2220 KEDT 16 TX 224
4 tr 0455 KLST 8 TX 413
9 tr 0600 KZTV 10 TX 224
20 Es 1850 TGV 3 GU 1019
1855 HRCV 3 HN 1203
1857 YSR 2 ES 1100

I started my TV DXing from this location in March 1991. The best catches came in on March 20, 1992 with strong signals from south Florida (WFLA-8 (1088 miles), WSVN-7 (1227), WPEC-12 (1236), WPTV-5 (1236), and WINK-11 (1143)), a cold front line was between us.

My totals are 57 E skip and 142 tropo. Distances are in miles and time is HCM (Mexican Central Time). I live on the back of the Saddle Mountain in Monterrey's metro area, approximately 1800 feet above sea level, an excellent place for tropo work.

(Welcome to Western TV-DX!. You do indeed have a great location for tropo DXing. I hope to hear from you regularly. . fm)

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520 CDT

Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

September 1992

1 tr 0726 WLEF 36 WI 150
0733 KTTT 10 MN 95
0807 CIC091 44 ON 340
0900 KHIN 36 IA 270
2 tr 0256 KPTM 42 NE 310
0725 WMTV 15 WI 215
0750 K53DI 53 MN 90
(Austin SHO)

2 tr 0827 WKOW 27 WI 215
0850 KMEG 14 IA 235
1000 K33AC 33 NE 370
(Pawnee City KUON-12)
1006 WMSN 47 WI 215
1028 WGBA 26 WI 250
1034 KDUB 40(WI) 205

19 tr 0830 K50AG 50 MN 100
(Willmar KARE-11)
24 tr 0730 WGBA 26 WI 250

October 1992
1 tr 0707 K20AC 20 MN 140
(Willmar KSAX-42)

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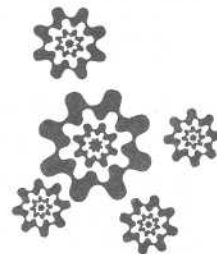
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No collect calls

November 1992 3 Month Log Cutoff Deadline---5th

LONG HAUL RARE PATH TROPO - THE BEST IN YEARS!

Ed Phelps of Benton KY logged WWIT 30 CT at a breathtaking 891 miles and also sees WVIA 44 from Scranton snowfree! Ed also logged ON, NY & PA UHF's in the 500-700 mile range.

Eric Voytko says "I have more Indiana loggings than SC loggings!" Eric in the DC area had 590 miles to IL plus some from MI. Speaking of MI, a lot of Dxers reported MI including Roy Barstow from Mass, welcome back Roy! Jerry Beaudin of MI logged Supertropo to Miss WDBD 40 MS @ 991 miles and KARD 14 LA @ 1032 miles! And it gets better! Bob Seybold of Dunkirk NY up in the hills at some 2000 feet logged KARD 14 LA 1000 miles in for 15 hours straight! Also Little Rock 16 900 miles, KFWD 52 TX at some 1200 miles, also MS and others, including Pensacola FL at some 900 miles plus which he didn't really report from last month. We have 3 reports from last month that came after the deadline and we will start out with Greg Coniglio, Jeff Wolf and Jeff Falconer. And Heeeeerrrees DX!

Greg Coniglio 5100 Glenwood Dr Williamsville NY 14221 Expedition-Kill Devil Hills NC Aug 15-22

From Kill Devil Hills NC—AUGUST 22 1992 ALL TROPO RM No exact times given

WIVR 6 VA 144 WQHP 8 NC 241 WPIX 11 NY 340-t WLYH 15 PA 310 WNEP 16 PA 380 o/WBOC MD WFHL 17 PA 285
WETA 26 DC 222 WDX 20 CT 411 WLJW 21 NY 350-t WHP 21 PA 310 WUCU 22 PA 380 o/WMPB & WLFL WQNY 24 NY-t 492
WNYE 25 NY 340 WDA5 26 CT 420 W27AA DE 212-t WERE 28 PA 368-s/E o/WKRC & WCPB WWIT 30 CT 435
WNYC 31 NY 340 WDFP 33 PA 310 WBE 35 PA 285 WOLF 38 PA 380 WLJT 39 PA 322 WKIV 41 NY 340 WJIA 44 PA
WMTI 43 PA 300 WNUJ 47 NJ 340 WNUM 50 NJ WIVE 51 PA WJOW 57 PA WHPF 65 NJ WHEE 68 NJ
Also seen....

WJND 2 NC 30 WMY 2 NC 230 WUNC 4 NC 175 WRAL 5 NC 166 WECT 6 NC-t WFTN 7 NC 81 WFXI 8 NC 105
WQHP 8 NC 241 WQNT 9 NC 100 WAVY 10 VA 70 WVID 11 NC 186 WCII 12 NC WCIJ 12 NC 251 WVEC 13 VA 70
WHRO 15 VA 70 WVEE 15 SC 220 WRDQ 16 NC 170 WRDC 16 MD 170 WRDZ 17 NC 145 WJMN 19 NC 139 WDEA 20 DC 222
WLFL 22 NC 166 WMPB 28 MD 235 WMC 23 SC 245 WQVE 23 SC 144 WHEW 24 MD 215 WJNK 25 NC 100 W25AA VA 70
WJLN 26 NC 251 WQNT 27 VA 70 WRDC 28 MD 166 WCPB 28 MD 170 WDXF 29 PA 285 WJMM 32 DC 222 WJTV 33 VA 70
WRLK 35 VA 135 WJND 36 NC 112 WFCB 38 VA 259 WJUN 39 NC 179 WJMG 40 NJ 219 WKPT 40 NC 192 WHPF 45 MD 215
WNNW 45 NC 251 WDET 47 MD 170 WJXI 61 NC 730

Back home in Williamsville NY

7/7 E 1700 WRG 5 AL 985 7/19 E 1130 CHIT 3 NS 756 8/6 T 2205 WEIG 66 PA-nt 2 8/23 T 2130 WIVZ 33 VA
7/11 E 1100 KJNE 3 NE 1083 7/28 E 1100 WSIL 3 IL 651 8/7 T 0800 Note # 3 8/23 WRO 15 VA
KSNZ 2 KS 1094 1130 WFSB 6 KY-t 8/22 T 2306 WGBS 57 PA 270-nt 4 2330 WUSA 9 DC
1230 KSAK 3 KS 1227 1145 KEMV 6 AR 876 2325 WEMT 43 PA 231 WAVY 10 VA-t
7/18 E 1130 WSAV 3 GA 767 8/6 T 0800 see note # 1 2330 See note # 5 WVEC 13 VA-t
2100 WLET 3 MS 978 2200 WILW 44 OH 32 8/23 T 0000 WJMM 32 DC-t 9/4 T 2230 WEXV 33 NY
2119 WREG 3 TN 803 WJON 52 OH 237 2050 WQNT 27 VA 442 2300 CHEX 22 ON

Notes and comments

Notes...# 1 Syracuse & WENE-36 good...# 2 WEIG-66 Erie on 59 image stronger than 66!...# 3 Detroit & NE exc
...# 4 Also Scranton U's...# 5 Tent to VA Beach area 15,27,33...Others...Floater of WUSA u/OPTO.....
...WDAV -33 -rs/f-rare station, Syr Utica H20town local....CHEX 22@ 70 mi. Oshawa New Station /CHEX-12 also
@ 2300 W52AD NY @ 135 Nedrow NY was best ever.

The opening in NC was something. It was fairly certain 24 Syracuse was in. It was amazing how strong Scranton
-Wilkes Barre were in. I imagine that is rare down there, the best part was when I came home, the opening was
in up here! Aug 22 on RM I had Washington (NC) Nags Head and Manteo NC in my first tropo to that area only 24 hrs
after returning from there! Weird. Note SE Virginia made it on TV here too. This opening will surely go into
my record books as one of the most unique of all time. Anyway, we were long overdue for a good opening this year
I am sure Andrew had a hand in this. The tropo vanished when it came ashore in Florida, and did not return when
it was out in the Gulf. I hope our members in FL and LA and all their family and friends are all Okay Good Deed
73 Greg

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902 Report # 1 Also continued on next page

Note: WAXA 40 SC is a satellite of WLOS 13 NC per the July 1992 Spot TV rates & data. 3/4 ch @ 404. WLOS 13
A 0512 .

8/1 E 1300 PBS 2 8/23 T 0135 WQNC 36 NC 332 8/23 T 0624 WFPT 27 VA 226 23 T 0859 WNSC 30 SC 369
8/11 Lst1923 WAAP 16 NC 0153 WJZY 46 NC 339 0626 WJUN 39 NC 344 0905 WCII 12 NC 263
8/22 T 1327 WAPT 15 SC 349 0229 WQNT 27 VA s/off 0653 WSET 13 VA 199 2135 WAOH VA 167
1350 WFD 17 NC 248 0400 WSDC 9 NC 332 0758 WERA 15 VA 226 2213 WSET 13 VA 199
8/23 T 0047 WDE 15 SC 349 0512 WAXA 40 SC 422 0845 WLSL 10 VA 226 2230 WRBS 47 PA 130
0108 WFPT 40 NC 265 0530 WFCB 38 VA 199 0859 WDBJ 7 VA o/lcl 24 T 0002 WKIV 41 NY 196

Eastern TV DX

November 1992

Jeff Wolf continued—Report # 1

8/24 T 0029 WJRA 26 NC 344

8/24 T 0121 WJZY 46 NC

8/24 T 0202 WDE 15 SC 349

Comments and details.... 8/1 ES MUF 2 @ 1346-8/2 ES MUF 2 1117-8/5 ES MUF 2 @ 2221- 8/7 Tr 1819 ocl to NE
oci WFSB-3, WQBS-2, 8/8 Tr Scranton 16,22. 8/22 Raleigh area U's SC 13,15,24. 8/23 Tr re WQNC 36 NC in/out
until 1446! (Same date)—1749-1840 WQNC-36, NC 40, 46 Roanoke 15, 38 2156 WNE 45 CH ocl WLAB 43 ocl.
8/23 cont. 2200 W4AU or WHKY 2230 re WRBS 47 PA ID w/WFCB 40 8/24 0132 WFPT 27 VA 0255 SC 25? 0703 8 bars CCI
of NC, WSR?? 0705 SC 40 ocl.

Jeff Wolf Report # 2

8/30 T 0842 Note # 1 9/14 T 1805 WFPT 40 NC 265 9/15 T 0515 WDE 15 SC 349 9/23 T 1930 WVED 17 NC 248
9/8 T 2256 WCIV 48 PA-t 1811 Note # 4 0530 WQLO 25 SC 411 9/24 T 1919 WDE 15 SC 349
Note # 2 1826 WDE 15 SC 349 0544 WJIA 27 SC 402 1945 WJW 16 SC-t
2327 WJAC VA 114 1851 WRDC 28 NC 248 0605 WJRA 26 NC-t 1957 WERA 15 VA 226
(WAVY 10 VA) 1903 WJW 16 SC-t 0620 WAAP 16 NC 251 2034 WJNE 17 NC-t
9/9 T 0016 W4AA W 60 9/15 T 0206 WRDC 28 NC-s/off 1947 WFPT 40 NC 265 9/28 T 0231 W4BG DE
(WJNB 24) 0210 Note # 5 2231 Note # 7 1833 WHE 68 NY 196
WJAO W 86 0234 WJFL 22 NC 251 2233 WRDC 28 NC 248 WKIV 41 NY 196
(WJNB 24) note # 3 0320 WDE 15 SC -s/off 2309 WJVD 11 NC 246 1836 WJTT 30 CT-t
9/12 T 0659 WNEP 16 PA 160 0436 WJCS 28 CA 529 9/16 T 0601 WJRA 26 NC-t 1900 WJAC 64 RI 353
9/13 T 1039 WAAP 16 NC 251 0441 Note # 6 Note # 8 1945 Note # 9

Notes...# 1 10 kHz ocl o/WED 17...# 2 ocl o/local W84W...# 3 Hampshire & Morgan Counties (was W60AB)
...# 4 10 kHz ocl o/WED 17 also on 9/15 @ 0200, 0645 WORS?...# 5 UNID 27 3/4 ch WFPT w/20 kHz ocl @ 0356...
...# 6 11z ocl WIOC CA?...# 7 WJNE 17 NC NC-t ocl...# 8 Raleigh area U's & WJVD 11...# 9 NC V's-t ocl o/lcls.

Jeff Falconer Box 63 Clinton ON N4M 1H0 ICOM R7000 25 el. log periodic @ 25' with rotor

1992 E-SKIP

5/25 1949 ES 2 & 3 6/4 1729 KACV 2 TX 1228 6/13 1403 WEDU 3 FL 1084 7/18 1200 KPRC 2 TX 1226
2000 KUSD 2 SD 778 1819 KPRC 2 TX 1226 6/14 1200 ES 2 1402 KJRH 2 OK 923
2008 WEDU 3 FL 1048 6/12 2130 KPRC 2 TX 1226 6/17 1800 KATC 3 LA 1091 1930 KJMA 2 MD 1058
2045 WJWY 4 FL 918 6/13 1300 KPRC 2 TX 1226 7/7 1558 KPRC 2 TX 1226 1947 KODIA 3 SD 1082
2058 WDIQ 2 AL 880 1350 WJWJ 4 FL 1236 2100 KALB 5 LA 1041 1958 KREW 3 NM 1341
6/4 1715 ES 2 1400 WFPT 2 FL 1236 7/16 1550 KPRC 2 TX 1226

September 1992 ALL TROPO

4 2354 WCIU 26 IL 332 4 2359 WJFT 18 IN 353 5 0024 WGBA 26 WI 328 5 0941 KARE 11 MN 585
2355 WHEB 60 IL 347 5 0017 WDJT 57 WI 323 0029 WJIN 56 IN 326

As can be seen from the above, it has been a poor summer for skip. Good tropo on 9/5, KARE-11 for MN # 1, state
32 logged. Minneapolis RM also excellent at the time. 73 for now, Jeff

Jerry Beaudin Rt 3 Box 2625 McMillan MI 49853 906-586-3021

SEPTEMBER 1992 ALL TROPO & SUPER TROPO!

4 2211 KPIM 42 NE 631 6 2234 WQW 19 WI 320 12 2319 WJVO 36 KY 568 13 0129 KDFB 27 MO 723
2220 KMEG 14 IA 579 2302 KPIM 42 NE 631 2331 WJIO 35 CH 393 0149 KARD 14 LA 1032
2222 KITN 29 MN 365 12 1829 WETE 14 IN 581 2334 WJRY 32 KY 541 see note # 3
2224 KXLI 41 MN 387 1958 WJIN 59 IN 437 2339 WMTI 57 KY 636 0206 WDOI 19 IL 429
2250 KITN 21 IA 487 2206 WFD 68 CH 13 0009 WPMI 21 CH 436 0221 KBSI 23 MO 638
2259 KSNQ 15 MN 395 see note # 1 0030 WPRC 23 CH 412 0300 WJED 40 MS 991
2313 KITC 10 MN 374 2259 WRGT 45 CH 454 0038 WDAP 15 W 519 0305 KSPR 33 MO 722
2325 WJPR 23 IL 319 2300 WJCT 48 CH 493 0044 WPTI 22 PA 500 0330 WJMT 30 16
6 2230 KDEM 17 IA 494 2306 WKEP 22 CH 454 0125 KMIZ 17 MO 619-note # 2 see note # 4

Notes # 1 I have no listing for this one. Probably Central OH from the High School games they had on.
.....# 2 First saw this one off the side of my antenna while I was looking for ch 17 Philadelphia.
.....# 3 Almost snow free several times between 0300-0330.
.....# 4 Have no idea where this one is ID-ed as WJMI-carrying movie greats network, antenna pointed at MS & IA.
.....# 5 On night of 9/12, 9/13 WI, IL & Ontario (Toronto) & Lower Mich were all in but some of the closer ones
were weaker than farther ones.

NEW STATION ON THE AIR—from Ed Phelps and Doug Smith tips
WFO 50 (licensed to Hendersonville) in the Nashville TN area is now on the air as of September 23. Ed says
they run 5,000,000 watts. They are a TBN subsidiary and call themselves either the "SUNLIGHT NETWORK" or "SUNRISE
TELEVISION". I'm sure more will be in Doug Smith's TV News column about this. BN

Dave Nieman 12284 Nice Road Akron New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF on a CDE rotor at 23 feet. Channel Master 4251 UHF (7' dish) with Blonder-Tongue CMA-Ub preamp on a crankup tower at 30 feet with Alliance HD-73 rotor. Using RG-11 coax for both antenna.
New loggings are underlined. New call {K K K K}.

| September 1992 | September 1992 | September 1992 |
|---------------------------|----------------------------|---------------------------|
| 13 Tr 1630 WCIU 26 IL 470 | 14 Tr 0827 WNDU 16 IN 404 | 15 Tr 1227 WETK 33 VT 304 |
| 1950 WEHS 60 IL 470 | 0855 <u>WJIB</u> 63 IN 466 | 1258 CIVQ 15 PQ 444 |
| | 0900 <u>WCLL</u> 42 IN 466 | |

13th seen Chicago area UHF but still no channels 20,50&56. On the 14th; the two Bloomington, Indiana stations were the only new catches. Vermont's channels 22 and 33 were snowfree at times on the 15th but 57 Plattsburgh New York was never more than strong CCI on Toronto's 57. Channel 15 Quebec came in over Rochester's LPTV and CBLFT relay at Belleville. Dave

Dave Nieman Ho-Sta-Geh, Road Rock City, New York

Equipment: RCA 9" b&w TV, Radio Shack V-110 VHF at 25 feet, Channel Master 4225A UHF with DX Tele Lab EU-4S preamp at 30 feet both antenna on Radio Shack rotor. Using RG-6 coax.
New loggings are underlined. New call {K K K K}.

| August 1992 | September 1992 | September 1992 |
|---------------------------|----------------------------|------------------------|
| 30 Tr 0800 WTJC 26 OH 314 | 13 Tr 0439 CKCO4 11 ON 232 | 13 Tr 0530 W58AV NY 65 |
| <u>September 1992</u> | (see Note #3) | LPTV Buffalo |
| 6 Tr 0500 CHH7 7 ON 202 | 0500 CICO19 19 ON 334 | 0534 CICO53 53 ON 158 |
| 0530 KYW 3 PA 226 | (see Note #2) | (see Note #4) |
| (see Note #1) | 0509 CICO24 24 ON 273 | 0554 CKNX 8 ON 193 |
| 12 Tr 2000 WTIC 61 CT 298 | (see Note #4) | 0638 WKBN 27 OH 129 |
| 13 Tr 0433 CHNB 4 ON 301 | 0524 CICO93 42 ON 222 | 0850 CIVO 30 PQ 273 |
| (see Note #2) | (see Note #4) | (see Note #5) |
| 0433 CICI 5 ON 334 | 0530 WWTI 50 NY 187 | 0900 WTAP 15 WV 248 |
| (see Note #2) | | ALL LOGGINGS ARE NEW |

Notes:

- #1 seen running old style wedge test pattern with ID and "GROUP W" on it. If they run this every Sunday morning; it should be one to look for on Meteorscatter.
#2 with resolution bar test pattern.
#3 modified 3/4 color bar test pattern with "CKCO Kitchener" and logo in lower right hand corner.
#4 running TVOntario slide
#5 running Phillips test pattern with clock center right and "RADIO QUEBEC" at bottom center.
Took down the guyed antenna mast on Sunday the 20th. I will be putting up the antennas on the roof of my "storage building" soon. The VHF will be a Channel Master 3617B with a Winegard DA-205 signal amplifier on a 3 foot tripod (FM antenna 10 foot above) with Radio Shack rotor and RG-6 coax. Finco 7 foot UHF dish on a 10 foot tripod RG-11 coax and DX Tele Labs EU-4S preamp, Alliance U-110 rotor. Can't wait!!! Dave

Harry Hayes 9 Henry St Wilkes Barre 18702 RCA 1971 Color TV 6 ft dish & PA 4975 preamp in attic

ALL SEPTEMBER 1992 TROPO

| | | | |
|-------------------------------|-------------------------------|---------------------------|-------------------------------|
| 13 2130 <u>WKBD</u> 50 MI 375 | 13 2210 <u>WKMG</u> 35 MI 515 | 14 2155 WSH 66 MA 260 | 15 0930 <u>WJIB</u> 20 VT 295 |
| 2130 <u>WEXL</u> 25 MI 435 | 2230 <u>WHDQ</u> 41 MI 485 | 2230 WDCG 19 MA 170 -rt 1 | 25 0800 TORONTO 25 245 |

Note #1 Super strong signal signal ripping thru semi local ch 22 repeater at Clarks Summit.

I can't complain about the tropo this month. The conditions of 9/13 were some of the best I've seen in years. The weather set up was large high pressure system over the East with a large storm over the Northern MN/WI area. I would like to hear from anyone via their reports about a good DXing TV on the market. I think this would help many others. We DXers, esp. TV DXers, don't discuss our equipment enough.

-Ed Comments:

If anyone has sent in a report to EIMVK and it did not appear in 2 months or longer after you have submitted it, it is due to being lost in the mail and please resubmit! I had 4 DXers who said they sent stuff to this column and it was not received here. One DXer who is a regular reporter to EIMVK and works for the Post Office said that he had HIS report returned to him marked "no such box holder"! Go figure. Also do wait for a 2 month turn around, especially if you sent a report close to my deadline. I have been using at times the deadline as little as possible, but sometimes there are months that I have no other choice but to abide by it. About the log cutoff date, it will be waived if you claim your first report was lost in the mail. And what ever the case, I will refuse ANY report that is 8 months old. I have a report from 11 months ago just submitted and it is not going to show up here. There is no way that it takes 9 or 11 months for mail to be forwarded to EIMVK. All of you have been very prompt in sending in your reports to EIMVK and I thank you and your fellow DXers thank you. On the average it seems that EIMVK seems to be having the most up to date reports and again it is very appreciated. Thank to everyone who has sent in reports in the new guideline that I suggested 2 months ago and everything looks already much easier to scan and much neater as a whole.

Eric Voytko 1721 Dalewood Place, McLean, VA 22101

703-456-9668

Equipment: See October VUE

| September 1992 | September 1992 | September 1992 |
|---------------------------|----------------------------|----------------------------|
| 8 Tr 2150 WQAP PA 80 | 0746 WUPW-36 OH (t) | 0604 WHSE-68 (NJ)210 |
| WHIM-27 PA 100 | 0749 WPMI-14 MI 510 | 0609 WPCR-40 PA 170 |
| WITP-33 PA 100 | 0805 WWLP-56 PA 170 | 0614 WFGH-53 PA 190 |
| WHP-21 PA 100 | 0850 WVTA-41 VT 400 | 0700 <u>CLITV41</u> OH 350 |
| 2218 WMEK-26 PA 170 | 0852 WNPI-18 NY 400 | 0720 WOLF-38 PA 190 |
| WNEP-16 PA 170 | 0924 WNDU-16 IN 510 | 0721 WSKG-46 NY 230 |
| WVTA-44 PA 170 | 1859 WNPI-18 NY 400 | 0724 WSEE-35 PA 260 |
| WOCB-49 PA 80 | 2151 WVTA-41 VT 400 | 0729 WAKC-23 OH 280 |
| 2237 WOLF-38 PA 190 | 2153 WSEE-36 RI 360 | 0745 WQEX-16 PA 180 |
| 9 Tr 0602 WHSE-68 (NJ)210 | 2159 WNAC-64 (RI)370 | 0800 CBC-402 ON ? |
| WXTV-41 (NJ)210 | 2220 WPDE-15 SC 240 | (note#2) |
| 2223 WRDC-28 NC 240 | 2223 WRDC-28 NC 240 | 27 Tr 2200 WOCB-49 PA 80 |
| 2227 WUNJ-39 NC 320 | 2229 WKPT-40 NC 260 | 2330 WNJT-52 NJ 160 |
| 2259 WJTV-48 (NJ)130 | 15 Tr 2259 WJTV-48 (NJ)130 | 2332 <u>WLAB</u> DE 100 |
| 20 Tr 1000 WAKC-23 OH 260 | 20 Tr 1000 WAKC-23 OH 260 | 2335 <u>W27BJ</u> DE 100 |
| 1005 WCHS-61 OH 290 | 1059 WPCB-27 OH 240 | 28 Tr 1726 WXTV-41 (NJ)210 |
| 1059 WPCB-27 OH 240 | 1059 WPMJ-21 OH 240 | WHSE-68 (NJ)210 |
| 1059 WPMJ-21 OH 240 | 1128 WTVQ-36 KY 400 | WLAB DE 100 |
| 1158 WMMR-38 KY 340 | 1158 WMMR-38 KY 340 | 1830 WSEE-36 RI 360 |
| 1200 WLEX-18 KY 400 | 1200 WLEX-18 KY 400 | 1835 WNAC-64 (RI)370 |
| 1230 WBAK-38 IN 550 | 1230 WBAK-38 IN 550 | 1915 WNJU-47 (NJ)210 |
| 1300 WUSI-16 IL 520 | 1300 WUSI-16 IL 520 | 1916 WOTW-48 (NJ)130 |
| 25 Tr 0008 WUNN-17 NC 320 | 25 Tr 0008 WUNN-17 NC 320 | 1917 WLIQ-55 NY 260 |
| 0012 WHNS-21 NC 400 | 0012 WHNS-21 NC 400 | 1918 WNJT-52 NJ 160 |
| 0029 WTIC-61 CT 300 | 0029 WTIC-61 CT 300 | WNRJ-58 NJ 180 |
| 0548 WNEP-17 NY 300 | 0548 WNEP-17 NY 300 | 1952 W44AI NY (t) |
| 0550 WUPT-29 NY 300 | 0550 WUPT-29 NY 300 | 1956 WHSI-67 NY 260 |
| 0600 WICZ-40 NY 230 | 0600 WICZ-40 NY 230 | 1957 WPMJ-69 PA 150 |
| 0601 WENT-36 NY 220 | 0601 WENT-36 NY 220 | 2001 WLIW-21 NY 240 |
| 0655 WVAR-23 MI 460 | 0655 WVAR-23 MI 460 | 2036 WHYY-12 (DE)130 |
| 0700 WOTV-41 MI 470 | 0700 WOTV-41 MI 470 | 2038 WCAU-10 PA 130 |
| 0732 W3VU-35 MI 530 | 0732 W3VU-35 MI 530 | 2041 KTW-3 PA 130 |
| | 0604 WXTV-41 (NJ)210 | |

Note #1-26z, WNN, weak audio, poss. religious, but sounded like English (through two traps)
32z, WNN, weak audio, sounded like test tone (through trap)

Note #2-CBC Morning News from Halifax, PTA London ON

Comments

September 13/14 was the wildest night of the year. Two super ducts, one into upstate NY and VT, the other into central Michigan and northwest Indiana. Three new states and thirteen new stations logged plus a new UHF trop record. The Michigan opening completely by-passed North-east Ohio, with Toledo being the single OH logging, albeit tentative. WNPI and WVTA were still in when I returned from work Monday night, although very weak.

On September 20 there was a freak Trans-Appalachian opening from 11:00 AM to 1:00 PM. I had just been watching NE Ohio U's which were fading when I swung to the west to check Charlotte, NC. I found 362 due west, thinking it was WCNC but the program was ABC's Sunday news show. Yes, it was Lexington, KY. I have never seen anything in this direction past the mountains. WUSI (IL) is another new state and ties my trop record of the previous weekend. This opening was likely caused by an upper-level low pressure area that moved through the mid-west that morning and brought severe thunderstorms to parts of IL-IN-OH. The opening was short lived, but is the most fantastic I've yet witnessed.

The 25th had another great Lake Erie event with two new Canadian U's and WNED snow free, and on the 28th an area of precipitation up the North-east seaboard brought relatively short but intense tropo. Providence 36 and 64 snow free, the best ever; Dover translators out-doing their primaries, and lowly WOTW-48, new on air, finally wiped out the local 48 LPTV.

Summary; 30 new stations and 5 new states, Chicago on UHF, Trans-Appalachian tropo in the afternoon, and great 'local' stuff. Can I possibly ask for more? I now have more Indiana loggings than South Carolina loggings!

-Eric-

Ed Comments- It seems that there is a real need to come up with a really good 'Top 10' list of TV & VCRs that do not have muting, video bypass (the TV/VCR tunes right pass a blank channel automatically with out stopping on it), AFC/APT that are undefeatable. And how about coming up with ways to defeat these 'features' in a VCR with a modification or two? We have done much for FM DXing in relation to modifications - but what about TV or VCRs? Does anyone out there want to come up with a Top 10 list of TV and VCRs?

-BN

Equipment: JVC HR-D630U VCR w/attic UHF dipoles & 2nd floor UHF 4-bay

| July 1992 | July 1992 | September 1992 |
|---------------------------|---------------------------|---------------------------|
| 04 ES 1950 WPBT 2 FL 1223 | 29 ES 1202 KLBV 4 KS 1154 | 02 Tr 0757 CHEX3 22 ON 45 |
| 2005 HTVJ 4 FL 1221 | August 1992 | (See Note # 3) |
| 05 ES 2127 unid 2 | 01 ES 1758 CKCK 2 SK 1247 | 09 Tr 0326 WNDU 16 IN T |
| 06 ES 1446 unid 2 | (See Note # 1) | 14 Tr 0027 WNDU 16 IN 357 |
| 07 ES 1830 HDIQ 2 AL 911 | 10 Tr 0645 WATM 23 PA 224 | 0030 WFLD 32 IL 416 |
| 1912 WEAR 3 (AL) 898 | (See Note # 2) | 0035 WCFE 38 IL 416 |
| 2000 KJRH 2 OK 892 | 0701 WKBS 47 PA T | 0047 WCLU 26 IL 417 |
| 16 ES 1519 unids 2-4 | ES 2332 unid 2 | 0049 WANE 15 IN T \$ |
| 18 ES 1059 unid 3 | 11 ES 1555 unid 2 | 0102 WHME 48 IN T \$ |
| 25 ES 2031 unid 2 | 12 ES 0892 unid 2 | 0113 MSJV 28 IN 356 |
| 28 ES 1059 KTVI 4 IA 832 | | 15 Tr 0151 WKEF 22 OH 357 |

- Note # 1 - CKCK-TV seen with the 'CK-TV' non-ID. New Province # 5 for my Brampton-Mississauga-Toronto log.
- Note # 2 - WATM had ABC News. The ID @ 0700 gave the location as Johnstown, Altoona and State College -- in that order. Does this mean that Johnstown is the city of licence rather than Altoona?
- Note # 3 - CHEX-TV-3 OSHAWA (or is it CHEX-TV-2?) has a pitifully poor signal here at 45 miles. Mind you, with only 2.4 kw you can't expect much - however the Primary CHEX-TV 12 Peterborough at 86 miles comes in stronger! I saw a superimposed ID once through the snow that looked like 'CHEX-TV-3'..but it may have been a '2'. (CHEX-TV-2 ch 7 Minden has been off the air for years).

The Chicago tropo on Sept. 14 ended the worst summer drought of good tropo (and good hot weather) that I've ever seen! I hope more fall tropo is on the way... 73s

| Ed Phelps Rt 2 Box 266 Benton, Ky 42025 | 502 527 2289 | 24hrs |
|---|---------------------|---------------------|
| 7/18 W58BK IN 96 | 9/11 W55EM GA 300 | 9/13 WUTV 29 NY 654 |
| 7/28 WCOM 68 OH 407 | WEIQ 42 AL 428 | CBLN 40 ON 559 |
| WSWP 9 WVA 409 | WXXY 25 MS 423 | WTEU 69 IN 236 |
| WEFC 38 VA 457 | WNOL 38 LA 483 | WSMH 66 MI 494 |
| 7/29 WYTV 33 OH 504 | WMAH 19 MS 422 | WAQP 49 MI 494 |
| WPPT 22 PA 525 | WSWS 66 AL 339 | WLAJ 53 MI 453 |
| 7/30 W33AY IL 212 | 9/12 WVUE 8 LA 485 | 9/14 WLLA 64 MI 422 |
| 8/30 WIIQ XL 41 AL 311 | WLAE 32 LA 483 | WSEE 35 PA 567 |
| 9/1 W31AG MS 200 | WPMT 15 AL 431 | WTLJ 54 MI 440 |
| 9/2 K33EO AR 60 | 9/13 CPMT 47 ON 663 | WGGN 52 OH 431 |
| 9/8 W02BT TN 50 | CITY 57 ON 663 | WNGC 34 NY 750 |

Well, this has been a slow season for E skip. Conditions fell apart here about mid July. Thank goodness for TROPO! We have had a strange summer here. Cooler than normal. Lots of thunder storms. I had the antennas unhooked most of the time during July and August. Thunderstorms seemed to come through here like they were on an assembly line. Sometimes 3 or 4 times a day. Now for the good stuff.... the tropo season has had a few shining moments. The opening into Texas on June 16 and 17 was a real winner.... logged 23 new ones. July 9 and 10 was another good opening into NC and SC. This past weekend is so far, the highlight of the summer. I have been looking for one of my old Philly locals for three years. I thought KYW 3 would be the one but WTXF 29 turned out to be the winner. I was lucky to get them. Many times I thought I had KYW 3 on E skip but could not confirm it. Who would have guessed WTXF 29 on tropo would be first. All of the stations on the above list are new ones. I have many of them on tape, including WVIT 30 at almost 900 miles!! Wvia 44 PA is snow free on tape!! WOW!! I'm sorry that some of our fellow DXers missed this one. I don't think Tom Bryant will ever be the same after I told him what he had missed. Oh well, I guess that is Murphy's law of TV DX. Equipment here is: Old farm house on high flat ground about 500 ft above sea level, 55X 55 ft. tower, 7ft parabolic UHF at 65ft, Channel Master 3610 B VHF at 55ft, Channel Master 7477A 27db mast mount pre amp, Belden 8213 RG-11 type coax and an Alliance HD-73 rotor. Antennas are about 120ft above average terrain. TV is a GE 19 pc-j chassis and mp1b/lmp1b tuner, 73e261778-12 19 inch color set. VCR is Mitsubishi HS-320ur. My only true pest local is WKMU 21 Ky. They are about 15 miles from here (I can see their tower) and they put quite the rash on my TV when they are on. Fortunately they go off around 2230 most days. WPSD 6, WKPD 29, WLCN 19 are minor annoyances compared to WKMU.

Ed Phelps returns on the next page

Ed Phelps continued--

I'm sure that my daily list of stations (see Sept V U D) has raised a few eyebrows. It is not a joke. You really can see that many stations from here on a good summer day. In fact, there are a few stations that can be seen, that I didn't include on the list. WGE0 66 IL 350 is one of them. If the antenna system survives until January I will make another daily list for winter conditions. It won't be near as good, I'm sure! Well I guess that about it from Otis Acres. I hope that some of the New England DXers had as big an opening as Ky. did. Maybe they have seen some of my locals. REMEMBER... We run a 24hr shop here at Otis Acres so don't be shy about calling any time. If the band is open, I'm probably awake anyhow. 73 for now and GOOD DX! Ed. NN2E

Roy Barstow FO Box 2488 Teaticket MA 02536 508-548-2329

ALL 1992 TROP & SUPER TROPO!

(Ed Notes: Mileages were not given, but I will use * for catches for likely over 600 miles-RV)

| | | | |
|----------------------|------------------------|--------------------------|------------------------|
| 7/30 1500 WOST 69 RI | 8/9 0100 W55- CT | 8/24 2300 WGET 48 NC * | 9/14 0945 WJIR 20 NY |
| Note # 1 | WLFHP ID | 2315 WQVE 23 VA | WQNY 24 NY |
| 7/31 0200 W6AS PA? | 8/22 2300 WMM 19 NC * | WRH 35 VA | 0955 WROF 50 NY |
| 8/1 2300 WRC 53 ?? | WUNJ 39 NC * | 2330 WQW 57 VA | 1100 WLNJ 39 NC * |
| Ch America | 2315 WTVZ 33 VA | WRRN 63 VA | LCL NE # 2 |
| 2310 WDT 47 MD | WNT 27 VA | 8/25 0030 WJCL 22 GA *** | 1105 WDM 19 NC * |
| WFB 28 MD | WRO 15 VA | 0040 WQW 48 NY | 1115 WRA 26 NC |
| WCC 16 MD | 2330 WMT 40 NC * | 0055 WREC 28 NC * | 1120 WDE 15 SC ** |
| 2330 W4AC VA | 2345 WNC 36 NC * | 8/27 2300 WJIG 55 NY | 1130 WJM 33 SC ** |
| 8/2 0100 WIVZ 33 VA | WNY 46 NC * | 2315 WEIK 33 VT | 1202 WED 17 NC |
| WNT 27 VA | 8/23 0000 WDD 14 NC * | WNE 31 VT | 1215 WRC 28 NC |
| W4AD VA | 0028 WKA 26 NC * | WTA 41 VT | 1800 WJHP 31 NY |
| 2130 WRO 15 VA | 0100 WRC 28 NC * | WGR 28 VT | 1945 W9AP VT |
| 2200 WJM 19 NC * | 0445 WED 17 NC * | 9/14 0010 WICZ 40 NY | 2000 W6AT VT |
| 8/3 0030 WDEB 64 DE | 2100 WVE 23 VA | WGC 34 NY | (WCAJ 3 VT) |
| 0100 WRH 35 VA | WZY 46 NC * | WKG 46 NY | 2015 W24 ME |
| 2345 WLV 39 PA | 2210 WNT 53 VA | 0045 WST 68 NY | (WEG 26 ME) |
| WMT 43 PA | 2220 W34- // WNT | 0200 WRF 31 NY | 2030 WBR 28 VT |
| 8/6 2325 W28AJ CT | 2235 W3AX NC | 0215 WED 17 NC * | WNY 22 VT |
| W6AS NJ | 2245 WSH 24 MD | WAL 68 MD ? | WTA 41 VT |
| 8/7 0001 WVZ 69 PA | 2300 WRF 45 MD | 0230 W55 CT | WEIK 33 VT |
| 0315 WRF 45 MD | WNP 36 NC * | (WLFHP -SS) | WERW 52 NH |
| 2115 WBOC 16 MD | 2345 WRC 28 NC * | 0800 WRF 45 MD | WOT 60 NH |
| WCB 28 MD | 2353 WDE 15 SC * | WFSH 24 MD | WNS 50 NH |
| 2200 W- 18 ME ? | 8/24 0015 WDT 24 SC ** | WEIM 18 NY | 2035 WZA 62 NY |
| Trinity TV | 0030 WSE 43 SC ** | 0900 WERG 46 NY | 2040 CBLN 45 ON |
| 2300 W2AR ME ? | 0045 WEL 22 NC * | WQX 23 NY | Note #3 |
| // 26 PBS | 0100 WED 17 NC | WNY 36 NY | 2200 WNY 36 NY |
| 2330 WSH 24 MD | 0120 WFT 40 NC | WCC 34 NY | 2300 WERG 46 NY -lcl Q |
| WPT 22 MD | 0130 WKA 26 NC * | WICZ 40 NY | WICZ 40 NY |
| WPM 32 DC | 0145 W54- NY | 0930 WNER 16 PA | WCC 34 NY |
| 8/8 0015 WJH 15 PA | //w 38,44 NY | WCU 22 PA | 2315 WSM 47 MI-t |
| 0030 WEA 26 DC | 0200 WCU 22 PA | WPE 28 PA | 2345 WSM 66 MI *** |
| WCA 20 DC | 1900 WJG 55 NY | WLV 39 PA | Note #4 |
| 0120 CHFT8 34 NS | 2000 W9AP VT | WFM 69 PA | 2350 WQP 49 MI-t |
| CHFT5 46 NS | (WCAJ 3 VT) | WHP 21 PA | 9/15 0020 WGT 48 NC-t |
| CHFT6 58 NS | 2030 WST 68 NY | WHM 27 PA | 0100 WCB 18 NC * |
| 0300 W24AA PA | WEC 34 NY | WIF 33 PA | WNC 36 NC ** |
| Ch America | WEG 46 NY | WMT 43 PA | 0125 WZY 46 NC ** |
| 0400 WLV 54 MD | 2035 WLF 56 PA | W 51 PA | 9/16 1100 WRC 28 NC ** |
| 2130 CHFT6 38 NS | 2200 WMM 19 NC * | WJH 15 PA | WED 17 NC * |
| CHIT 52 NS | WNP 36 NC * | 0945 WMM 32 DC | 2200 WCB 28 MD |
| CHFT5 46 NS | WUNJ 39 NC * | WNE 16 NY | WPT 22 MD |

Notes--

- # 1 WOST 69 RI in weekly most days-off the air around 6:00
- # 2 This was the first time ever I have seen SC TV stations around noon.
- # 3 CBLN-4 ON was a surprise, and in color most of the time till past 2300 hrs.
- # 4 Fox 66 WEMH MI with Arsenio Hall show on, shocked me, farthest west so far. Some 10 yrs ago I had 42 Sarrnia Ont. 66 MA was giving me fits, the screening on the dish made this possible.

Rejoined after about a year. Aug 23-24-stations mostly South coming in, but on the great clearing of Sept 14-all areas were in. Insan 700 Mile stations during noon hours.

Bob Seybold 10567 Bennett Rd Durkirk NY 14048

There has been quite a lot of traps in (the) past 45 days, some of it really great. Before I forget-in my last report, I mentioned logging FLORIDA on UHF for the first time but neglected to say what I saw. It was Pensacola 23 @ about 900 miles. That was in the big opening in late August to VA, NC & Southeast.

More recent DX ALL TROPS

Sept 5-10 ;...frequent tropo from Ft Wayne, South Bend, Chicago, Michigan U's, Champaign, Rockford Madison, Milwaukee, Green Bay, Lafayette, Parkersburg, Scranton, Elmira, Binghamton, Conn 30, Burlington 22 & 33, Utica, Plattsburgh (rare), Syracuse, Montreal, Quebec (15) rare, New Oshawa 22 (now seen daily) many Canadian U's to North & Northeast & Southern Ohio (Dayton, etc).

Sept 12;... great tropo DX (hills) started in evening-no let up all night into next day- Some seen: KARD-14 (15 HOURS STRAIGHT) approximately 1000 miles +. Alabama 15, 19, 21, 42, 48, Little Rock 16 (900 mi) -RMS 33 (Louisiana new), WWT 15 (Mississippi), KFD 52 & KLD 55 (Texas near 1200 miles: New) (BOB, NICE GOING ON THESE, THESE CATCHES ARE PROBABLY THE BEST EVER RECORDED TO EIMDK SINCE I TOOK IT OVER!-BN) Nashville 17,30, Tenn 39, St Louis 30 & 46, WIZ 17 MO, Springfield MO 33, Joplin 16, Quincy 16, So IL. Several IL xtrs or LPIV's. Peoria, Champaign, Decatur (super)Springfield 20 & 55, Chicago (all V's), La Salle -35, IL 51, all Indiana very strong, Ft Wayne, South Bend, Elkhart, Ind, Bloomington, Richmond, Gary, IN-62 & 23, WTE 14 (rare), Rockford 17 great, also 23, Michigan & Ohio U's great, Scranton, Wilkes Barre, Lebanon 15, NJ 52 & 65, Harrisburg 21 & 27, Elmira, Binghamton, Canadian U's to the North-26, 59, 55, 15, 30--all this ran over into Sept 12 (much of above seen)

Sept 13;... great tropo-evening, Miss:U's 15, 18, 27, Champaign 15, Decatur 17 & 23, WICS 20, Peoria U's--strong, Tenn 19 & 39, WFI 18, St Louis 30 & 46, Springfield 33, Nashville 17, Indiana 23, (Marion) Chicago-U's (all), Grand rapids 17 & 35, Muskegon 54, Kalamazoo 52 & 64, plus general run to Ft Wayne, South Bend-Lastedwell into next AM (2:30 AM when I quit)

Sept 14;... hills DX--morning-great tropo-Memphis 30, Jackson TN 16, WIAP 15, all Ft Wayne, all South-Bend, Kentucky 38, 52, 54, 18, 36, 27, Terme Haute 38, Ind super, Bloomington 42 & 63, all Chicago U's, Indiana 62, 2 stations on 69 - one PBS, one with CARTOONS West, Plattsburgh 57, H20town 16 & 50, Columbus-Dayton, Cincinnati U's, Scranton 44, Alabama 42, 15, 48, Nashville 17, Tenn 39, WTE 14, Champaign 15, WOLB-20, WJLC 44, WBO 42, WHIZ 18, Newark Ohio 51, Other Ohio U's, (Same date)- evening IN, MI, OH good, Hill HQ 30, Ottawa, H20town, Elmira U's, Michigan U's great (all), WMI 14, several LPIV's & XLTs from MI -59, 69 -etc.

Sept 15;... no hills DX-at home; Dayton 22 & 45, Columbus 28 & 34, Springfield 26, Richmond IN 43, WDU 15, South Bend 46, WIT 34.

Sept 24; ... 2 Dets bringing excellent tropo from certain-^{are}one West, Davenport 18, Chicago U's, Rockford, La Salle 35, WFT 18, So Bend U's, Ft Wayne U's, another into KY (15, 18, 36, 38, 32, 34, 46, 27, 23, Tenn 7, 39, Alabama-42,15,31,48, KARD 14, St Louis 30 & 46, WDEI 61 Tenn, WICI 43, W5IAU (Tenn), KXAM 14 (Texas-New) 1200 miles (CASP!-BN), Cincinnati, Portsmouth, Dayton, Columbus, Zanesville U's.

Comments: ... There has been some tropo on other days mostly to 450 miles but not logged. Thats it for now.

Tom Bryant 849 Todd Preis Dr Nashville TN 37221

SEPTEMBER ALL TROPO 1992

| | | | |
|------------------------|----------------------|------------------------|------------------------|
| 2-0143 W8BK IN 140 | 20 0205 W27AR IN 271 | 20 0305 WITE 28 CH 357 | |
| TBN Evansville | (//WTHR 13) | 0320 WQIN 20 MI 484 | 26 0135 W8BA 30 CA 211 |
| 20 0059 WLIB 63 IN 236 | 0259 WVAH 11 WJ 308 | 26 0001 WJIZ 38 CA 272 | 0159 W8SL 69 CA 212 |
| 0103 W8IR 64 CH 250 | 0259 WVAW 6 WJ 327 | 0116 WQIN 34 CA 232 | |

Thanks to Ed Phelps for IDing the 9/2 catch of the new TBN LPIV in Evansville. Missed the big opening to the East the weekend of the 12th and 13th..was in Pittsburgh and on the way back to Nashville. The 9/20 opening ..although generally less than 400 miles..was a MONSTER...so solid signals from seldom seen WQIN 2 (CH) and WJW 5 (CH), also cb on (ch) 10 from WBSN (CH). Heavy CCI on 5.. suspect W8WS or WDIV (definitely not WCYB). New state was a surprise..especially with TWO WJ loggings in the same break! About 20 relogs that morning. 9/24-all South Bend U's ns/E. 9/26- about 10 relogs plus the new strs listed. Also something odd on 37 which seemed to be some sort of telentry..coming in in on the same heading as the Atlanta strs. Not a bad month considering I only caught two decent openings. Lets hope October produces the usual parade of big Tr openings.

73's and godKing, Tom

Hank Hollbrook 407 Arundel Road Fair Haven Cliffs Durkirk MD 20754

NEW REPORTER

9/16 Tr 0425 W8RI 12 RI 335
9/17 Tr 0400 WGIW 48 PA 120

RK-19 " ZENITH all channel color TV (about 1 year old). These stations log on rabbit ears. 201 TV stations QSL-d since 1954 but seldom tune & TV DX anymore. So these reports (are) few and far between!!!

Fred Nordquist 7945 Boxford Road Clay NY 13041 Panasonic CI-11108, Ant 4 Bay bowtie @ 40' AGL, AC-4990 amp
5/24 E 2200 KRC6 6 MO 944 9/14 T 0020 WEXL 25 MI 395 9/14 T 033 WNUJ 16 IN 526 9/14 T 0059 WQCP 49 IN 395
7/11 E 1100 KLEY 4 KS 1319 0027 W8WH 66 MI 381 0040 WKKI 28 IN 547 0102 W8BY 22 IN 526
0110 WMI 17 MI 481

NO NEW STATIONS LOGGED SINCE LAST REPORT (11/90!) THRU 1991;
1992 ES noted on 1/6 IA, 5/5 MO, 5/7 West, 5/13-5/15 UNIDS, 5/24 KS/MO, 5/25 IA/IX/MS/TN/AR/MO/ND, 5/26 & 6/12 UN, 6/13 CO, 6/17 IX/AR, 6/18 IX, 6/19 IX/MS, 7/11 CO/KS & 7/14 UNID. Totals 340 now. 9/14 Super Tr was a rare treat here. Many other UNIDS noted 9/13-14 not listed to save VD space.
73- Fred.

Stephen West 26 Dougherty Blvd, G-8 Glen Mills, PA 19342 (N3FYO)

July 1992 (215) 358-2648

| | | |
|-----------------------------|-----------------------------|-----------------------|
| 20 tr 2330 WUNP-36 NC | 23 tr 2310 WMGC-34 NY | 15 tr 0059 WCNC-36 NC |
| 25 tr 2350 WTWS-26 CT (195) | 24 tr 0030 W -60 WV | 0100 WSBK-38 MA |
| August 1992 | 0100 W38AM-38 NY | 0200 WLPL-22 NC |
| 11 tr 0800 WHMC-23 SC (440) | 0200 WTAT-24,SC | 16 tr 0830 WUNP-36 NC |
| WUNP-36 NC | 0930 WSBK-38 MA (285) | 0845 WCNC-36 NC |
| 0830 WUNJ-39 NC (t) | 1000 WCDC-19 MA | 0850 WJZY-46 NC (t) |
| 12 Gw 2253 WGTW-48 PA | 2230 WSBK-38 MA | from Nags Head, NC |
| 19 tr 0900 WUNP-36 NC | 2300 WXNE-25 MA | 17 tr 1945 WTAT-24 SC |
| 21 tr 0900 WUNP-36 NC | | 1959 WGSB-43 SC |
| 22 tr 2200 WCNC-36 NC (420) | September 1992 | 2000 WTVI-42 NC |
| 2300 WYDO-14 NC (300) | 13 tr 2030 WTZA-62 NY | 2230 W56CC SC |
| 2359 WRDC-28 NC | 14 tr 2320 WCDC-19 MA | 2232 WACH-57 SC |
| WUNJ-39 NC | 15 tr 0045 WCNC-36 NC (420) | 0000 WRKK-65 VA |
| 23 tr 2200 WCCB-18 NC | 0930 WCNC-36 NC | 0135 WAGT-26 (380) |
| 2300 WCDC-19 MA | 2200 WUNP-36 NC | 1000 WJZY-46 NC |

The above report is condensed to list only the highlights of recent DX. Many LPITVs and Xlators received from Nags Head, NC were not reported, all were relogs and less than 200 miles away. On September 18th at Nags Head, I logged a lot of PA, NJ & CT stations which were boring. A 4 bay UHF antenna and an EU-4S UHF amp were used at Nags Head, NC.

The Martinsburg, WV Fox-60 was received from a parking lot near Glen Mills, PA at Rts. 202 & 1. Equipment used in the car: dc-ac power inverter, Radio Shack U-75 UHF antenna on the back seat, RS 15-1108 mast mounted amp (cost \$5. at a hamfest) and a B & W 5" cheapo tv. Reception with the car tv set up brings reliable scatter from Wash, DC (about 100 miles) and Harrisburg in strong (about 80 miles) on certain hills near Glen Mills. NYC UHFs come in from the streets of downtown Philly. Not bad for an antenna sitting on the back seat of a car. The car set up worked poorly at Nags Head, NC. The lack of hills and the sand absorbing signals are the probable culprits.

I compared the RS 15-1108 U/V amp (\$35.95) with a Blonder Tongue 300 ohm Able U2 111 of early 80's vintage. I was surprised to find that both of the two stage amps had similar noise and gain. The RS amp overloaded a bit more, but for the price it works good. (I would not want to leave a good UHF amp in the car anyway)

The RS digital FM/TV sound walkman style radio has very poor image rejection, but I did log some TV skip on the radio in June. The TV audio is not stereo. The audio level between the stereo FM stations (loud) and the TV audio (low) is substantial.

On 9-20 Joe Pela called about a VA to KY opening, nothing received here in PA.

My lack of VHF TV DX is due to the absence of skip, the ORM from cable TV and the in house CATV system that puts CHs 17, 29 & 57 on CHs 4, 5 & 7. VHF TV in Glen Mills is a "Vast Wasteland".

Christopher S. Dunne, 21541 NW 8 Ct., Pembroke Pines, FL 33029-1085

Equipment: 9"-Sony-Trinitron
Archer 6-element FM antenna
Teknika TVC-22 tuner

The 3s season is over for '92 and it has been, as you know, a rather mild one. My last "3" was a good one though - God sent me Telesistema Hondureno in Tegucigalpa, Honduras (TV country #7) with a promo for "Hoy Mismo", then the 700 Club dubbed in SS, with the phone number for San Pedro Sula at the bottom of the screen. I received a sort-of-QSL from them with the logo on the letterhead identical to what I saw.

The next week I was on a 9-day tour of Ecuador on an HCJB tour. No TV DXing (cable at guest house), but it was nice to meet Rich McVicar of "DX Party-line" on HCJB. Ecuador is a beautiful country and I loved their August weather (which is, of course, similar to their February weather), with highs in the 70s and lows in the 50s.

A week after I returned, South Florida had a visitor named Andrew.... Hurricane Andrew. My brother's family and I took off for north Florida for two days while he blew in. WCIX-6 and the three FMs which transmit from Princeton (south of Miami) were knocked off the air for a week or more (WCIX on cable and repeater ch 27 were on, though).

Chris Durre continued

Things are different down here, to say the least. A month later, there are still thousands left homeless, many jobless as well...

About ten days after Andy, I put up my FM antenna again (after taking it apart in preparation for Andy), and I hope to be able to resume reporting some good stuff.

73 Chris

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Table with 5 columns: Call sign, Frequency, Band, Location, and other details. Includes stations like WQGX, WTLV, WHME, etc.

Quite a bit of tropo since mid-August, kind of makes up for the non-existent season previous to that I guess. Plenty of unusual openings too...

Dude from Jolsey FO Box 2999 Clifton NJ 07015-2999 N2QU Tech +

September 25 1992 SUPER TROP

0030 WKPT 19 TN 544

0700 WEXW 52 NH 171

Coming home on 9/24 on the car radio I heard some tropo, came home & checked the TV knowing that tropical storm Danielle was heading this way in 36 hours or so.

I went on to pass my 5 WPM code test and now I have HF privileges and can work 10 meters phone and CW below on the 40 & 80 meter bands and more.

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

NOVEMBER 1992

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, WV, & WY. Report today!

MORE SKIP REPORTS FROM LAST SUMMER COME IN. TROP SETTLES DOWN.

Matt Sittel, 603 Fulton Rd., Apt. B-24, Tallahassee, FL 32312 (904) 386-2212 EDT

Equipment: Yamaha TX-900U tuner with modified filters, Archer rabbit ears.

Large table with 3 columns: Call sign, Frequency, Band, Location, and other details. Includes stations like WQGX, WTLV, WHME, etc.

A couple of interesting openings in September. The Winston-Salem duct was quite a surprise, as there was nothing on TV to indicate such an event might be occurring!

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines, FL 33029-1085

The E season ended rather quickly here, and it possibly never made it into August. The reason I say this is because from August 1-9, I was in Ecuador on a tour set up by HCJB shortwave radio. Ecuador is a beautiful country; the weather was great, and the scenery awesome. I really didn't do much DXing because I didn't bring all my DX equipment. Shortly after my trip, the area south of Miami had a visitor named "Andrew." I don't have to tell you what Andrew; I'm sure you saw it all on TV. WCIX-TV 6 and the three FMs that transmit from Princeton (near Homestead) were knocked off for a week or more. These stations are back on now, but transmitting from standby locations; it may be months before the Princeton transmitter is restored. So, so many people are homeless south of Miami, and they still need food, water and supplies six weeks after. You probably wonder how in the world that any good could have come out of this. All I can tell you is that people are now helping other people. Neighbors are seeing each other for the first time. There's less of an emphasis on materialism. For this the Lord can be praised. The people down in Homestead and the surrounding towns can be relieved at the fact that temperatures are starting to go down now. May we all have the spirit of helping each other.....in the good times and the bad. 73.

Eric Sundius, P. O. Box 513, San Miguel, CA 93451

Equip.: Marantz SR 440 receiver, Pioneer TX 9500 tuner (both I.F. modified), 6 element Jerrold FM antenna, preamp, RG6 coax.

6/24 Es

1817 KOEJ 92.3 KS Newton, calls, b
1818 KGLS 93.1 KS Pratt, calls, k
1821 KQJQ 96.3 KS Garden City, k
1827 KICT 95.1 KS Wichita, calls, r
1829 KVAJ 105.7 CO Lamar, calls, k
1839 KXKX 105.3 KS Haysville, loc.ref.s
1842 KHOK 100.7 KS Hoisington, loc.ref.s
1855 KQDF 96.7 KS Larned, calls, o
1856 KVGB 104.3 KS Great Bend, loc.ref.s.
1858 KWKR 99.9 KS Leoti, calls, rp
1900 KHLH 94.7 CO Boulder, loc.ref.s.
1924 KSPZ 92.9 CO Colorado Springs, o

8/5 Es

1650 KOLS 100.3 KS Colby, loc.ref.s
1657 KPNE 101.1 KS Oberlin, calls, k
1701 KHLH 94.7 CO Boulder, ID
1703 KQGY 95.1 WY Laramie, loc.ref.s
1706 KSDZ 95.5 NE Gordon, calls
1707 KNEB 94.1 NE Scottsbluf, calls
1717 KGWY 100.7 WY Gillette, loc.ref.s
1720 KXKL 105.1 CO Denver, "Cool 105"
1721 KZMC 105.3 NE McCook, calls
1724 KSYZ 107.7 NE Grand Island, calls
1726 KSIR 107.1 CO Brush, loc.ref.s
1730 KKNP 103.5 NE North Platte, loc.wc

A relatively uneventful season. I'm sure glad I was home on August 5th, though! 73's.

Jim Pizzi, 814 Brookhill Dr., Paso Robles, CA 93446

7/21 Es

1810 unID 9.9 MX (western coast, SS, \$, L, easy rock, "en morales"
1812 XHCDO 89.3 SON Cd Obregon, SS, tent.
1814 CHFL 90.5 SON Cd Obregon, tent. \$, L
1829 unID 105.1 MX (western coast), SS, EE mx, oldies rock

8/1 Es

1645 KRNE 91.5 NE Merriman, Neb. nx
1651 KRGI 96.5 NE Grand Island, ads
1655 KSIR 107.1 CO Brush, ad, Morgan County fair
1706 KQGY 95.1 WY Laramie, ads
1706 KQSK 97.5 NE Chadron, ads, "Double Q Country"
1717 KMCX 106.5 NE Ogallala, k, ads
1724 KPBO 97.9 WY Cheyenne, ads, "Q98"
1725 KHIIH 94.7 CO Boulder, "K-High"
"Jazz Colorado"
1729 KGWY 100.7 WY Gillette, Y-100, ads
1730 unID 107.9 "Power 108", r

8/5 Es

1734 KBOO 97.3 CO Boulder, loc.ref.s, r
1740 KBBN 98.3 NE Broken Arrow, calls,
1743 KPLO 94.5 SD Reliance, loc.ref.k
1757 KCSF 106.9 WY Casper, calls, gr
1758 KVAJ 105.7 CO Lamar, calls
1800 KQIT 103.7 WY Casper, calls, r
1806 KQAT 101.9 UT Ogden, calls
1815 KEKB 99.9 CO Fruita
1816 KUAD 99.1 CO Windsor, loc.ref.s, k
1825 KELN 97.1 NE North Platte, calls
1830 KSID 98.7 NE Sidney, calls
1831 KZLS 97.1 MT Billings, loc.ref.s, r
1839 KIDX 98.1 MT Billings, loc.ref.s.
1845 KCTR 102.9 MT Billings, calls, k
1846 KOHZ 103.7 MT Billings, calls, mr
1851 KRKX 94.1 MT Billings, "the X", r
1853 KJCE 97.3 ID Blackfoot, calls
1900 KINE 91.1 NE Alliance, ID
1917 KBOZ 93.7 MT Bozeman, calls, r
1920 KOPR 94.1 MT Butte, "Copper 94"
1926 KQVY 95.5 MT Butte, loc. refs., r

8/7 Es

1819 unID 93.1 ? Same direction as Culiacan, Spanish
1830 XHCNA 100.1 SI Culiacan, ID

1731 KINI 96.1 SD Crookston, calls, r
1750 KATH 99.3 WY Douglas, ads
1752 unID 106.5 605 AC, ment. of Surry, BC, g?
1757 KYJE 92.3 CO Grand Junction, ads
1759 KEKB 99.9 CO Fruita, calls
1801 KWKR 99.9 KS Leoti, calls
1802 KQOL 106.5 UT Spanish Fork, ads, nx
1805 KXMK 93.9 SD Rapid City, wx, calls
1806 KAME 96.9 WY Gillette, calls, r oldies
1813 KRCS 93.1 SD Sturgis, ads
1821 unID 102.9 Power 93, rock
1826 KCTR 102.9 MT Billings, "The Cat, ads
1834 KZMQ 100.3 WY Greybull, calls, ads
1838 KZDX 99.9 ID Burley, promo, r
1841 KMDR 92.9 NE Scottsbluf, calls
1847 KZJH 95.3 WY Jackson, promo
1848 KRIC 100.5 ID Rexburg, ID, clx, promos
1900 KYCN 101.7 WY Wheatland, calls
1901 KPTZ 103.3 ID Idaho Falls, 2-103, ads
1906 KRLX 96.1 WY Worland, k, ads, o/local

cont.

8/1 Es

1909 KLCM 95.9 MT Lewiston, "K-96"
1910 KZIN 96.3 MT Shelby, wfx, 2-96 FM
1914 KIDX 98.5 MT Billings, "Magic 98"

1914 KAAK 98.9 MT Great Falls, "K-99", ads
1916 KMMR 100.1 MT Malta, calls
1938 KBOZ 93.7 MT Bozeman, per E. Sundius
1943 KEMC 91.7 MT Billings, ID

A few good openings this year, but overall nothing spectacular. 8-1 probably best of the year. 3 hours long and quite productive. 73's

Gus Mancuso, 5615 Inwood St., Cheverly, MD 20785 301-773-3072

Equip.: Pioneer SX-40 Circa 1987 and Radio Shack plain rabbit ears.

9/18 tr

0855 WOBW 92.7 NJ Toms River
0910 WPTH 96.1 NJ Atlantic City
0925 WENO 95.3 DE Laurel, "Maverick P.M."
(Format: Mix/Lame)
0930 WSKR 102.7 NJ Petersburg
0931 WBGK 106.1 PA Phila

0933 WJRX 100.1 NJ Manahawkin, w/WYFJ-VA
0935 WSLT 106.3 NJ Ocean City, note new format k, "106 Country"
0946 WVLIT 92.1 NJ Vineland
1000 WCHR 94.5 NJ Trenton
1010 WELS 107.5 NY NYC, finally!!
1014 WPRE 103.3 NJ Princeton, w/stereo lite

Pioneer set had been stuck on AM, took to convention to give away to someone who could fix, but it started working again (sorry again, Marv). Unreal enhancement, not that hot, would attribute to cold front on way, although it was only around Chicago this morning!! As is usually the case with "front coming" trop, recep is strongest N.E., parallel to front. S.W. direction weaker probably due to lack of water, which N.E. has (N. end of Chesapeake Bay). All Philly strong as expected. Richmond/Tidewater maybe stronger than seemed, but on same freqs. as most Philly/NJ as for the enhancement running so far ahead of the front, apparently it occurs ahead of the rain which in turn is ahead of the front.

Hank Holbrook, 407 Arundel Road, Fair Haven Cliffs, Dunkirk, MD

(Overlooking the Herring & Chesapeake Bays 15 miles below

Annapolis, MD)

RX: Scott 310 E FM tuner (from the 60s) with Archer amplifier, antenna Winegard CS-6065 single bay FM yagi w/HD-9515 rotor.

106.6 WMYJ Pocomoke City, MD 70 miles 8/24 0052-0121 atop the channel at times. Have been trying for this station for the past month and first time heard. WMMX MD dominates the channel here MY 106/MY107 WMYLJ & WKRE, "Only the Great Stuff".

98.5 WEMX Boston, MA 380 miles 8/24 0959-105 rock, in atop channel w/station ID, MIX

98.5 WEMX Boston. Then channel controlled by WKRZ PA (170 miles)
(8/24 super opening-NYC stations like WELS 107.7 / WNEW 102.7 / WSKQ 97.9 / WRKS 92.3 etc. at 210 miles pounding in here. Also WBEW Westport, Conn. 107.9 covering local WPSI (250 miles) None needed but WSKQ no report taken - all Spanish and never did get AM report thru a couple of years ago - Always wrong address and they don't answer their phone!!)

John Jefferson, 4104 Spyglass Ct., Antioch, CA 94503-6051

8/14/92 Es

2003 XHMB 94.7 SN Hermosillo 910 Sonora ref
2018 XHMSL 101.3 SI Los Mochis 1205 Estereo Uno

8/15/92 Airplane Scatter

2122 KKLFe 104.3 CA Gonzales 100 Salinas ads

8/15/92 Es

2231 KBLX1 102.9 CA Martinez 19 KBLX now unusable!!!

8/23/92 IR

0300 K210AB 89.9 NV Incline Village 138 // KUNR, wx

8/30/92 SL

0736 KXDA 93.3 CA Chowchilla 103 K-Love//KLYR

KXDA is possibly the first FM ever to sign on with one of those strange FCC-assigned call signs! When logged, they were still testing, but are now on regularly. XHMSL was an especially gratifying catch to close the season, as it was one that got away last year & eluded me again 8/1. Poor as the season was, it was my second 101.3 skip logging of the year, as well as my second EXEC.

With the addition of KBLX1, KYA 93.3, KSN 94.9, KOIT 96.5, KABL 98.1, KIOI 101.3, KBLX, KFOG 104.5, & KBOL 107.7 have all trashed themselves here with their idiot boosters. Problem is, I'm just outside the area they can legally augment with boosters. So the boosters are aimed away from me & just send enough this way to cause further unusable signals.

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MAR, IN, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

NOVEMBER 1992 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed
While e-skip seemed to end abruptly this season, the trop season has really come alive. Throughout the latter portion of August, and into September, there have been many interesting openings, often over rare paths. Coastal stations have been heard well inland, DXers along the east coast have gotten DX well inland as well, and DXers in the Midwest have heard tropo approaching 900 miles. October has quieted down some, but hopefully things will pick up again. Let's hear from you this month!.....

MIKE HAWK - 10212 P. ST. - OMAHA, NEBRASKA 68127-2130 (402) 592-1186

Equipment: Kenwood KT-815 with 4 150s, Antennacraft FM-10 up 30', and Radio Shack 20db variable attenuator and RS rabbit ears for primitive phasing.

AUGUST 1992 DX

7 Tr (start of extraordinary TROPIC)

1100 KQSK 97.5 NE Chadron, k
1104 KPNY 102.1 NE Alliance, r
1110 KRSD 88.1 SD Sioux Falls, Public Rdb.
2220 KQSD 91.9 SD Lowry, SD Public R.
2225 KTSB 91.1 SD Reliance // 91.9
2226 KSDR 92.9 SD Watertown, KS-93
2227 KPLD 94.5 SD Reliance, k
2237 KNSR 88.9 MN Collegeville
2239 KQSD 90.9 SD Pierpont, // 91.1, 91.9
2245 KZSD 102.5 SD Martin, // others
2310 KPNE 91.7 NE N. Platte, NE PR

8 Tr

0013 KRNE 91.5 NE Merriman, NE Pub. R
0027 KGTR 92.1 SD Huron, weak ID, they are NOT on 99.1
0100 KMPR 88.9 ND Minot, sign off of Prairie Public Radio
0100 KDPB 89.9 ND Dickinson, sign off
0114 KQFX 92.7 SD Pierre, r, KQ-93
0124 KRST 91.3 MN Appleton
0134 KQLX 106.1 ND Lisbon, k, in over 18 hours straight!!!

0157 KZMC 105.3 NE McCook, r, over KFGE
0200 KGAC 90.5 MN St. Peter, APR/ID
0204 KAUB 89.1 SD Sioux Falls, r
0213 KHGF 105.5 MN Montevideo, o
0218 KEEY 102.1 MN St. Paul, k, in over 20 hours straight!
0253 KVHI 106.3 SD Vermillion, "Hot 106.3 Vermillion, Yankton, Sioux City"
0328 KQWB 107.1 ND Wahpeton, 3NN nx/ID Not on 106.9 yet.

0400 KWSS 89.5 OK Tulsa, BBC news
0401 KMSU 89.7 MN Mankato, Maverick Net
0724 KLTA 106.1 MN Brackeenridge
0727 KRSP 96.7 MN Sartell, Star 96.7
0731 KCKC 99.7 MN Marshall, r, ID
0734 KDVL 102.5 ND Devil's Lake
0743 KLIZ 107.5 MN Brainerd, KLZ
0753 KQAA 94.9 SD Aberdeen, Cool 95

0816 KFWA 102.9 SD Sisseton, k
0823 KDOG 96.7 MN N. Mankato, r
0825 KILR 95.9 IA Estherville, or
0839 KQWQ 92.1 MN Waseca, ID
0841 WYWD 98.1 MN St. Cloud, 98 Country
0900 KJWA 105.5 IA Sheldon
1045 KDKK 97.5 MN Park Rapids
1054 KLOP 92.1 MN Madison, CNN news
1100 KRSU 91.9 ND Fargo, I
1101 KZHA 91.3 ND New Town, k
1103 KFNW 97.9 ND Fargo, g
1121 KJKA 107.5 ND Grand Forks, "The Valley's Rock 108"
1146 KLRP 96.5 MN Fergus Falls, KJ96

AUGUST 1992 DX

9 Tr

1148 KKOK 95.7 MN Morris 302
1157 KSNJ 99.5 MN Minneapolis, c 297
1209 KSCR 93.5 MN Benson, ID 284
1211 KORS 92.5 MN Golden Valley, KQ92 303
1215 KDWB 101.3 MN Richfield, r, ID 289
1216 KTCZ 97.1 MN Minneapolis, STRONG 297
1233 KJLQ 104.1 MN St. Louis Park, KJ104 290
1234 KVMU 98.3 IA Emmetsburg, calls sounded like KVMU, but couldn't find any record of them changing from KE1B
1238 KOOL 95.9 MN Faribault, Power 96 256
1242 WCAL 89.3 MN Northfield, c 261
1244 KOOL 107.9 MN Anoka, Cool 108 305
1258 KCHK 95.5 MN New Prague 261
1305 KXLP 93.1 MN New Ulm, Classic 93 220
1311 KOOL 97.7 IA Grundy Center, "The Adult FM, K-98" 186

1314 KCMR 97.9 IA Mason City 198
1333 WJMC 96.3 WI Rice Lake, Brewers BB 367
1340 WLTE 102.9 MN Minneapolis, Light FM 297
1401 KSTP 94.5 MN St. Paul, ID 298
1427 KOLY 99.5 SD Moberg, k 371
1543 WJOD 107.5 IL Galena, k 301
1617 WPRE 94.3 WI Prairie du Chien, Brewers vs. Twins baseball 281

1629 WQJO 105.1 IL Evanston, Spanish 435
1737 KDLQ 96.9 SD Watertown, k 260
1750 KQIC 102.5 MN Willmar, Q102 274
1807 WRFW 88.7 WI River Falls, r 306
1824 KQZG 102.3 IA Cresco, Super C 256
2010 WCCN 107.5 WI Neillsville, Classic Rock 107.5 360

2019 WYHG 100.5 IL Jacksonville 322
2020 WIAI 99.1 IA Danville, k 448
2029 WTAZ 102.3 IL Morton, Talk Rdo 102 346
2041 KKUZ 102.5 MO Joplin, r, not k as a recent FCC FM News had 296
2043 WZZO 107.5 MN Terre Haute, r 471
2109 KWWK 96.7 MN Rochester, k, has not changed frequency yet 266

2145 WZOK 97.5 IL Rockford, 97-20k 366
2204 KHLS 96.3 AR Blytheville, ID 495
2205 KRJY 96.3 MO St. Louis, Jukebox 96 358
2237 KBTX 100.5 MO Aurora, My Country 319
2242 WDNL 102.1 IL Danville 448
2301 WSSO 91.9 IL Springfield 350
2302 WGLT 89.1 IL Normal 372
2306 WQFE 100.9 IL Rockford, gr 366
2308 WGOI 107.5 IL Chicago 438
2315 KJMQ 100.1 MO Jefferson City, FM 100 276
2344 WJHN 96.7 IL Normal, Gladys 96.7 372
2355 KYIC 102.7 IA Northwood, KY 102.7 210
KFRX off the air for maintenance until 0300
3501 MORE OF MIKE'S DX ON THE NEXT PAGE!

NORTHERN FM DX

MIKE HAWK'S REPORT continues

NOVEMBER 1992

AUGUST 1992 DX

9 Tr

0002 WJEG 102.7 IL Macomb, Classic 103 286
0025 WVAZ 102.7 IL Oak Park, V-103 429
0027 WMMH 105.5 WI Verona 368
0029 WJXQ 106.1 MI Jackson, Q106 605
0030 WDDH 105.5 IL Wilmington 410
0031 WJVA 98.9 WI Tomah, b 311
0033 KQVE 98.3 MN Spring Grove, KO Hot Country 277

0040 WINN 106.1 IN N. Vernon, Wtn 106 571
0041 WJFZ 103.1 IL Pontiac, weather 367
0043 WHPO 100.9 IL Hoopston, 101 Country 441
0046 WJCY 107.7 WI Milwaukee, b // 98.9 435
0048 WDFL 104.7 IL Morris, Super CFL 396
0058 WTMN 98.1 WI Madison, Magic 98 366
0100 KNSA 91.5 MN St. Peter 237
0102 WONU 89.7 IL Kankakee 426
0109 WYTE 96.7 WI Whiting, I-White 96 399
0110 WJAX 95.9 IL Aurora, ID 411
0111 WDFM 94.7 WI Wausau, ads 415
0120 KLYV 105.3 IA Dubuque, K-Live 105 290
0131 WJAL 99.3 IL LaSalle 361
0135 WBLT 92.7 IL Kankakee, Lite Rock 93 426

My farthest Class A heard
0152 WJHL 104.3 IL Chicago, ads 436
0155 WMTL 96.3 WI Sauk City, ID w/Madsn 354
0157 WBRH 96.3 IL Chicago, rs 438
0158 WLS 94.7 IL Chicago, talk 438
0201 WPKR 99.5 WI Waupun, k 409
0202 KOAL 89.5 MN Winona, sign off 297
0203 WGBT 89.9 WI Madison 366
0207 KRFB 102.7 MN LaCrosse, o 301
0215 WSPJ 95.7 WI LaCrosse, Mix 96 303
0757 WDEI 107.1 IL Lynnville 315
0759 KMTU 107.7 MO St. Louis lcl talk show 358
0800 KSHE 94.7 MO Crestwood, K-She 95 352
0807 WRMJ 102.3 IL Aledo 275
0814 W6BA 98.3 IL Pittsfield 298

10 Tr

0106 KXLK 105.3 KS Haysville, or 262
0122 KRZZ 96.3 KS Derby, tough KEFM 96.1 262
0134 KOPN 89.5 MO Columbia, Imagination Station, neat 2 minute jingle heard which gave address, freq., and even asked for mayne! 251

0812 WYTE 96.7 WI Whiting, ads 399
0814 WJME 96.3 WI Rice Lake 367
0820 WQWV 97.1 WI Sparta, Cow 97 328
0823 WYRW 103.3 WI Wisc. Rapids 384
0826 WJLV 106.5 WI Marshfield 381
0827 WYDQ 107.9 WI Wausau 415
0850 WSPJ 95.7 WI LaCrosse, Mix 96 303
0853 WJFC 95.5 WI Wausau 415
0900 KWAY 99.3 IA Waverly, Way FM 211
0922 WJXV 101.1 WI Green Bay, \$r 466
2145 KELN 97.1 NE N. Platte, rare, strong produce of KQKQ 98.5 and KGOR 99.9 245
2345 KFXB 105.7 MO St. Genevieve 390
2353 KZMO 94.3 MO California, KZ Country 257

11 Tr

0022 KLOU 103.3 MO St. Louis, Clue 103 358
Other St. Louis stns on 88.1, 93.7, 98.1, 102.5, 106.5 (IL), & 107.7 were heard

11 MS

1831 WQBE 97.5 WV Charleston, "WQBE, There's only one..." 791
2252 WQBT 97.5 NY Watertown, "Clz-97, With a larger selection of..." 1042
2339 KYBSt 97.5 MI Livingston, "KYB..." 790

AUGUST 1992 DX

12 MS

0144 WCO5 97.5 SC Columbia, "Hi, I'm... and when I'm in Columbia, I spell country WCO5" 961
0833 WCSE 97.5 MI Bridgman, WCS? Bridgman the station... "Last letter sounded like a U 499
1434 WTRT 97.5 OH Union City, "will lead Union City as they take on" 594
1435 KDKK 97.5 MN Park Rapids, "will be held in Park Rapids..." 397

22 Tr

1225 WAJK 99.3 IL LaSalle 361
1232 WOCI 107.5 IL Chicago 438
1235 WKBO 106.5 IL Granite City, Q-106.5 358
1237 WQMC 104.3 MI Detroit, very weak 674
1256 WRHI 102.3 IL Rochelle, Cubs BB 364
1258 WFEZ 103.5 IL Chicago, 103-5 The Blaze
1259 WCLZ 101.3 MI Grand Rapids, k 546
1300 WJKL 94.3 IL Elgin, The Fox 405
1311 WPMO 97.7 IL Monmouth, Cubs BB 280
0113 WLS 94.7 IL Chicago // 890 AM 438
0121 CIMX 88.7 ON Toronto, 89-X 676
0130 WBLK 93.7 NY Depew, rap, Power 94 (Nice catch, Mike!-gc) 898

0136 WMYX 99.1 WI Milwaukee 435
0139 WLTO 97.3 WI Milwaukee, Lite 97 435
0154 WLUM 102.1 WI Milwaukee, Hot 102 435
0156 WLLV 96.7 IL Loves Park, r 369
0159 WKAR 90.5 MI E Lansing, ID 603
0200 WGBI 91.1 IL Loves Park 369
0202 WREZ 91.5 IL Chicago, 1st of area jazz shows 438
0203 WCRU 89.9 IL Peoria, I 338
0204 WCMU 89.5 MI M'Pleasant, ID with others in the network 598
0230 WJXQ 106.1 MI Jackson, Q106 605
0232 WGLD 95.5 IL Pekin, weather 336
0247 WQJO 105.1 IL Evanston, Spanish 435
0300 WQLW 91.1 MI Cadillac, ID 580

23 Tr

0004 WMOI 107.5 MI Ishpeming, r, Q107 555
29 Super Tr
0742 KSCB 107.5 KS Liberal, HS FB Sked 389
0800 KCAY 95.9 KS Russell, Russell Rdo 219
0810 KWSC 91.9 NE Wayne, \$, K92, the Institute of Rock 86
0853 KQDF 95.9 KS Larned, The Super Q 265
0902 KWQA 95.1 MN Worthington, o/KLDZ even with beam to the south! 167
0924 WQJO 98.1 MN St. Cloud, 98 Country 314
0950 KQIZ 93.1 TX Amarillo, 293 519
0951 KMTL 98.7 TX Amarillo, rodeo info 519
0953 KWMW 105.1 NM Maljamar, W-105 718
0957 KACY 89.9 TX Amarillo, ID 519
0958 KBIM 94.9 NM Roswell, b 713
1000 KJJO 97.3 KS Garden City 342
1005 KAEZ 105.7 TX Amarillo, b, ID but only caught KA-7 519



Well, the 8/7-8/11 tropo (especially 8/7 to 8/9) more than made up for the slow DX in July '99 new stations and 1 new state were heard. 29 stations were heard over 400 miles! On 8/8 and 8/9, the band was so open that there were several stations fighting it out on each frequency. Within 1 hours period, 107.5 had ND, MN, 2 from IL, WI, and IN. Some 2 meter operators had contacts to eastern OH (900 miles). There was no chance at me hearing anything that far on FM due to the extremely crowded frequencies. The strangest thing about the opening was its strength. KEEY was audible when all I had connected to the tuner was a 1' section of coax and the attenuator! I was extremely surprised that the band stayed open during the sunny/windy afternoon of Saturday. Although not one single factor was that outstanding, all combined (strength, length of time, widespread area being heard at same time, good distance) makes this opening easily surpass all I've ever seen. Since all great openings are remembered by name (i.e. Thanksgiving 1986), this will be remembered by me as "The week before school started '92". Another super tropo opening was 8/22. Overall, it was very weak, but I did catch my farthest of all time at 898, and had 5 catches over 600 miles, and 8 over 500 miles. And yes, more super tropo on 8/29, with 6 heard over 500 miles, and 2 over 700 miles. Just like last year, August was the best month for tropo. I've now heard 761 stations in 16 months of DXing. (Weird thing about 8/22 was, Mike, while you were getting Buffalo, I had an opening to E. Va & NC. Imagine if the two had connected: NE to NC-gc)

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11a (w/110 and 150 khz filters in narrow band position), Probe 9 at 30 feet above ground level, and rotor. New are underlined.

AUGUST 1992 DX

21 Tr
1823 WFRB 105.3 MD Frostburg, k
1840 WSHH 99.7 PA Pittsburgh
2103 WMJQ 102.5 NY Buffalo, "Q After Dark"
2111 WUFX 103.3 NY Buffalo, The Fox
2125 CBCL 93.5 ON London, opera, mono
2225 Norfolk area fair
2230 WZKZ 106.1 NY Coming, KZ106, rare
22 Tr
1335 CFCA 105.3 ON Kitchener, ID
23 Tr
0945 WPVR 94.9 VA Roanoke, Lite 95 FM
1000 WFRB and WSHH again, becoming regulars on 99.7
1113 WRFX 99.7 NC Kannapolis, Charlotte's Fox (622 mi.) heard for 2 hours.
1138 WSHH, WRFX, and WYR filling the channel
1454 WRSF 105.7 NC Columbia, Surf 106
1456 WFOG 92.9 VA Suffolk, and other Norfolk stations in as well
1624 WFRB 105.3 MD Frostburg, in again
2000 WGCN 96.1 PA Red Lion, g
2037 WZBH 93.5 DE Georgetown, r
2049 WKYE 95.5 PA Johnstown, lcl spots
2240 WGMR 101.1 PA Tyrone, Oldies 101
2253 WMYA 96.1 VA Cape Charles, lDed // to WMYK-92.1 Moyock
24 Tr
0649 WVES 99.3 VA Accomac, k
0652 WBSS 97.3 NJ Millville, over WZBG and NYC over my local WPXX 97.9
0655 WRVQ 94.5 VA Richmond, Q-94
0702 WMXB 103.7 VA Richmond, B 103.7
0830 WRAR 105.5 VA Tappahannock, heard at home and on my car radio 4 miles west of here
0840 WYFJ 100.1 VA Ashland, // WYR, strong at home and in the car.

SEPTEMBER 1992 DX

Tr (What day was it the 14th I suspect? -gc)
0715 WSHW 99.7 IN Frankfort, Shine 99 734
1127 WZNS 92.9 SC Dillon 638
1128 WDNO 95.3 DE Laurel
1142 WRSF 105.7 NC Columbia, Surf 106 462
1715 CFCA 105.3 ON Kitchener 413
1728 WFOG 92.9 VA Suffolk
1801 CHYM 96.7 ON Kitchener, Chime FM
1830 WUGN 99.7 MI Midland, g, Family Life Radio 601
1840 WLLZ 98.7 MI Detroit 536
1843 WHNN 96.1 MI Bay City, Oldies 96 583
1851 WOMC 104.3 MI Detroit, Oldies 104.3
1852 CKLW 93.9 ON Windsor, "Biggest variety...no repeats"
1908 WBUF 92.9 NY Buffalo, Mix 92.9
1918 WIOG 102.5 MI Bay City, rock
2010 CBAF 102.3 NB Fredericton, FF
2010 CBZ 101.5 NB Fredericton, opera
2049 WXYV 102.7 MD Baltimore
2052 WAVT 101.9 PA Pottsville, r
2055 WHTK 99.7 SC Port Royal, Hit Rdo. 800
2132 WRVQ 94.5 VA Richmond, Q 94.5
2138 CBH 102.7 NS Halifax, rock pgm 489
2139 CJYC 98.9 NB St. John, C98 Rock 399
2142 CFRQ 104.3 NS Halifax, Q104
2154 WRFX 99.7 NC Kannapolis, Fox 622
2221 WGIY 107.7 PA Gettysburg, Cntry 108
2238 CJXY 95.3 ON Hamilton, Y-95

MIKE'S COMMENTS ARE ON THE NEXT PAGE.

WD-JX
99.7 FM

(Ed: comments from first report, up to Aug 24): That is all there is for the month of August. We were in California visiting relatives in Orange County from the 3rd to the 14th so if there was any tropo here I didn't hear it. The LA stations I listened to most were oldies stations KRTH-101.1, KCBS 93.1, and especially KRLA 1110 which is in stereo and sounds a lot like it did in the late 60s: jingles, the "beep" after the time checks, and all. We also got stuck for 3 hours in Detroit after missing our flight to Hartford and I enjoyed CKLW 93.9. Those of you old enough to remember CKLW-800 in the late 60s/early 70s might be interested to know that CKLW-93.9 is oldies and runs the same jingles/format they did on AM radio. I enjoyed it alot. (Little did you know you would hear them in CT in Sept, hi-gc). (Ed: comments from second report...): This opening ranks as the best tropo opening I've ever heard since I've been living here. There was tropo from NS, MI, and SC all at the same time! After I left for work I had a job at a school in the town of Vernon, which happen to be located on a hill (500-600ft agl) When I pulled into the parking lot at 9:30 and turned on the radio to 99.7 I found WSHW there and had them good for 15 minutes. I don't know about tropo records on car radios but this was around 750 miles! WHTK at 800 miles is my 2nd longest tropo after Little Rock on 98.5 and 103.7 heard quite a few years ago. I really hope everyone in these parts got in on this opening.

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO, CANADA N3T 1E2

Equipment: JVC JRS201 Receiver with 3 110 khz filters, Sleuth 205 Amp, Probe 9 fed with RG6 at 50' AGL, and Crown Rotor. Distances are in kilometres.

JULY 1992 DX

29 Tr
0700(WBZX) 99.7 OH Columbus, r, '99 WBZX Columbus, Rockin' Through another Solid Rock Blitz'. Ex: WMGG Magic 99.7 418

AUGUST 1992 DX

9 Tr
0908(WBCT) 93.7 MI Grand Rapids, k, New B93 "more Country w/yesterdays favorites" 438
11 MS (Perseid)
0015 KDEA 99.1 LA New Iberia, "Prizes and betw music and 99 point one KDEA" 1785
0724 KMSR 94.3 MN Sauk Centre, r\$, "24 after six here at KMSR" 1200
1454 CHIQ 94.3 MB Winnipeg, Q94 Winnipeg's Lite Rock, 1 1/2 minute burst 1494
13 Tr
0701 WRKZ 106.7 PA Hershey, k, Z107 "We are the rapidly aging WRKZ" 436
26 TrS
0758 WPHD 94.7 PA Tioga, op, "KGB-FM" WKGB 92.5 Susquehanna morning show is simul-casted till 10 a.m. 405
30 Tr
0800 WFBF 95.1 MI Flint, tc, calls, MI wx 276

SEPTEMBER 1992 DX

4 Tr
1110 WBTI 96.9 MI Ludington, r, B 96.9 183
14 Super Tropo
2246 WZRT 97.1 VT Rutland, r, "I'm Jake Henry Havin' a look at the weather forecast...53 in Keene, 60 Mt. Vernon, 64 Albany, 57 here at Z97" 606
15 Super Tropo
0006 WWL 105.1 RI Providence, rm, Light 105 sung out followed by Eagles music 741
26 TrS
0819 WLEN 103.9 MI Adrian, k, calls 336
27 TrS
0825 WKGW 104.3 NY Utica, r, KG-104 410
28 GW
0159 CJBC 90.3 ON Toronto, c\$, French "Ici Radio Canada" 94



(Ed: comments from first report up to end of August)...The hourly rate for the visual Perseid Meteor Shower in August VUD didn't correspond to the FM enhanced signals. I taped using a VCR for 50 hours on August 11, 12, & 13th. August 11th would appear to be the peak for FM radio (That seems to be what most are saying-gc). I still have hours of VCR tape to transfer to audio tapes. I listen to this shower on my 1/2 hour drive to my new employer in Simcoe, ONT; more to report later as I find new loggings. Locally, 96.7 CKGL Kitchener has CRTC approval to switch to the AM dial, no dates announced yet (As of press time the CKGL-CHYM switch has already taken place, with CHYM showing up all over the place during the Sept. 14 tropo-gc). Most disappointed with response to QSL's this season. I include SASE (40¢ US) and receive between 1 out of 4 to 1 out of 3. Most discouraging and costly considering 48¢ stamp to mail to USA. Any suggestions for a better return on my investment? Hope to have another Probe 9 for phasing soon, so lets bring on the tropo! (Now comments from Bruce's second report-gc)...A few new acquisitions this time around, one of which I have put in use. I've added a Kenwood Tuner KT-1000 which I have modified 2 out of 4 filters with 110's. So far it's not as sharp as the JR-S201 with 3 110's. Further modifications are to come. Also picked up a Commodore 10 Model 111 computer which is IBM compatible. So far it is stocked with 2 floppy disk drives. Have taken this apart and it has provisions to add a hard drive which I will do along with modifying the floppy disk to handle 3 1/2 hard disc. Have also picked up a new Probe 9 for phasing use. As of yet can't decide how to utilize it. eg: Stacked, parallel, common mast, or separate mast and tower or installed in attic, so it's low for e-skip? Decisions, decisions...any advice or input from members appreciated. Strange DX year and an even stranger 92 CONFERENCE, CAN'T say I had the pleasure to meet our host (or should I say ghost!) Who ever he was belongs in the Convention Hall of Shame! Thanks though to the dedicated members who attend each year who made the conference a success from a fellowship standpoint. We all deserve better next year. 73 dB

JERRY MONROE - FALLS ROAD - MARCELLUS, NEW YORK 13108

Equipment: AT HOME: JVC tuner with 2 110 khz filters, 10 element FM yagi, 10 element low band homebrew for phasing, band pass, band stop, preamps, etc. IN CAR: K-Mart Digital with 2 130 khz filters, 2 1/4 wave verticals, 18db gain preamp, bandpass filter. AT WORK: Sony ICF 5900W, with 2 150 khz filters, folded dipole at 10 feet, preamps and bandpass filters:

JUNE 1992 DX

- 17 Es
- 1730 KXLS 99.7 OK Alva, heard in DXmobile 1300
- 1907 KLBK 93.7 TX Austin, Digital FM, NT 4 1550
- 1928 WQID 93.7 MS Biloxi, "in Biloxi" 1200
- 1953 KITT 93.7 LA Shreveport, "music of yesterday and today" 1300
- 2120 KSBK 89.3 TX Humble, "Houston's Christian Connection" 1450
- 2134 KSEC 93.3 CO Lamar, Tornado watch, simulcasting with AM920, c&w, NOTE 1 1500
- 2135 KICL 93.3 CO Ft. Collins, ID, NOTE 2 1550
- 2148 KBAU 94.3 LA Galliano, ads, NOTE 6 1300
- 2157 KJMZ 100.3 TX Dallas, "The Jam - Greenville" 1350
- 2207 KLAK 97.5 OK Durant, playing oldies 1300
- 2213 KRRV 100.3 LA Alexandria, country 1300
- 2214 KSLK 101.5 KS Liberal, cntry, NOTE 3 1300
- 2230 E-sk ip is gone

AUGUST 1992 DX

- 11 Perseids MS and trop
- 1435 WHTK 99.7 SC Port Royal, ID (had Greg C. on the phone at the time), NOTE 5 800
- 1445 WAWZ 99.1 NJ Zarepath, religion 200
- WPLM 99.1 MA Plymouth, big bands 300
- 1510 Incredible MS at this time. All ch's have multiple stations (Was good then here too-gc) 1300
- 1535 WASL 100.1 TN Dyerburg, "SL100" NOTE 8 700
- 1630 MS continuing strong but no IDs
- 12 Perseids MS
- 0838 WJDX 99.7 KY Louisville 600
- 23 Tr
- 1930 WFYI 99.7 VA Norfolk, in strong, NOTE 7 Both in car and at home, heard till 0800 the next day (Hurricane Andrew hits FLA coast at this time) 450
- 26 Tr
- 1226 WAWT 101.9 PA Pottsville, "T102", first time heard, maybe they raised power (They always seemed to get out well here-gc) 175



NOTE 1: New State!
 NOTE 2: Most distant log to date.
 NOTE 3: This 100kw station sounded like a High School station! New State!
 NOTE 4: A tie for most distant log.
 NOTE 5: At work started to listen to 99.7 and the Perseids were in full swing. See next month's VUD for more on this shower with a Spectrum Analyzer plots, OK Greg? (Sounds interesting Jerry-gc)
 NOTE 6: New state!
 NOTE 7: Hurricane Andrew is 1250 miles away yet making its effect known via trop ducting into an unusual area. Very rare duct here. (A first for that area for me too Jerry-gc)
 NOTE 8: When I heard the "ess-L" ID I thought my ears were playing tricks on me. I mean who would think there would be call letters like "ASL". A rare catch indeed at 3 kw!
 Not a bad summer here, Es was better but still not like it was in the early 70's. Locally 89.9 has Watertown, NY WSLU repeater on a higher power. WOUR 96.9 Utica has moved their ant. on tower to give better coverage to Syracuse (West). A slight improvement noted to date. 32 states logged in 4 years at present location. Watch out for long distance fall tropo. 73s Jerry Monroe

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801 KA9GUL

Equipment: Lafayette 3030 receiver, Winegard CH6065 antenna up 20 ft. amplifier set to 10db gain. All stations are new.

AUGUST 1992 DX

- 13 Tr
- 0112 WZOM 92.1 IN Vincennes, note 1
- SEPTEMBER 1992 DX
- 9 Tr
- 0456 WXAN 102.9 IL ?
- 10 Tr
- 0456 KARO 101.5 MO Columbia, K102
- 12 Tr
- WINN 106.1 IN N.Vernon, Win 106
- 0330 WDRM 105.9 AL Decatur
- 0358 WAFX 104.5 TN Gallatin
- 0419 WSTH 106.1 AL Alexander City, South 106
- 13 Tr
- 0022 WZYP 104.3 AL Athens, heard ZYP
- 0025 WZZK 104.7 AL Birmingham
- 0200 WBLN 103.7 KY Murray

SEPTEMBER 13th tropo

- 2046 WSIX 97.9 TN Nashville
- 2120 KSTG 97.9 MO Sikeston
- 2127 WRAY 98.1 IN Princeton
- 2149 WHOP 98.7 KY Hopkinsville
- 2155 WZZF 100.3 KY Hopkinsville
- 2220 WBVR 101.1 KY Russellville, The Beaver
- 2359 CBCB 98.7 ON Owen Sound, ID as CBC
- 14 Tr
- 0118 WSHW 99.7 IN Frankfort, Shine 99
- 0126 WIUM 101.7 IN Elwood
- 0354 WTUE 104.7 OH Dayton
- 0506 WKJR 106.3 IL Sullivan
- 15 Tr
- 0320 WFIU 103.7 IN Bloomington
- 0422 WONU 89.7 IL Kankakee
- 2223 WTPI 107.9 IN Indianapolis

MORE OF ALAN'S DX ON THE NEXT PAGE!

ALAN MILLMAKER'S REPORT continues.

SEPTEMBER 1992 DX

- 17 Tr
- 0036 WAMZ 97.5 KY Louisville
- 0131 KMZU 100.7 MO Carrollton
- 0159 WLUJ 97.1 IL Petersburg
- 0304 WXJO 95.5 IL Belthaltho
- new slogan - "Fun Radio", see Note 2
- 0408 WVEZ 106.9 KY Louisville, Easy 107
- 0436 WKRQ 101.9 OH Cincinnati, Q102, ads
- 1236 WQCQ 99.5 IL Quincy, 99Q only
- 18 Tr
- 0227 KLRQ 96.1 MO Clinton, Q96
- 0544 KVNQ 99.3 MO Houston
- 0619 KGMV 100.5 MO Aurora, My Country

Note 1: Usual realistic STAV3200 receiver, unfortunately had to set freq on 92.0 to hear distorted signal. WIL 92.3 bled over to 92.1 Mhz. 99.5 WKDQ Henderson, KY is now country, their new slogan is "24 Carat Country". Note 2: WXJO was on the air the morning of the 17th of Sept. They had 100 families that had donated to support the station. They kept playing the same song over and over, they had a goal of 30,000 families to support WXJO.

SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5 (416) 364-0725

AUGUST 1992 DX

- 6 Es (Peterborough)
- 1031 WCKW 92.3 LA LaPlace, r, CKW
- 1045 WNLE 91.7 FL Fernadina Bch, g
- 10 Tr (Burnt River)
- 0924 CFLZ 91.9 ON Niagara Falls
- 11 GW (Campbellford)
- 1800 CKOL 98.7 ON Campbellford
- 11 MS (P'boro)
- 1926 KLLZ 99.1 MN Walker, "KLZ"
- 25 Tr
- 0110 WSLJ 88.9 NY Watertown
- 0115 CISM 89.3 PQ Montreal
- 0145 CJMM 99.1 PQ Rouyn, rp
- 0715 WLLG 99.3 NY Lowville
- 0720 CBF9 91.9 PQ Mont Laurier
- 0725 CFQR 92.5 PQ Montreal
- 0751 CKUT 90.3 PQ Montreal
- 1055 WKBN 98.9 OH Youngstown
- 14 Tr (E. Toronto-Scarborough Bluffs)
- 2300 WUOM 91.7 MI Ann Arbor
- 2310 WHKO 99.1 OH Dayton, k
- 2315 WICB 91.7 NY Ithaca
- 2317 WPLM 99.1 MA Plymouth, big band over WAAL
- 2331 WAQX 95.7 NY Manlius, pr, 95X
- 2347 WKKY 104.9 OH Geneva, k
- 2350 WCOD 106.1 MA Hyannis, pr
- 2350 WFCC 107.5 MA Chatham, sign off



A couple good Tr openings in late August and in September - finally! Station notes: CFLZ should be an easy target as travellers information station for the Falls. May only be seasonal. CKOL is 50 watts and either community run or tun in that manner by non-corporate folk. If you thought the old 100.9 Erie PA was something you should really hea this. This, too, might only be seasonal - I'll try and find out. On August 12 I heard a MS burst with k and "WNE". This can't be KWNE-CA Ukiah, which was r at least a year ago? WSLJ 88.9 in Watertown is part of a small network based at WSLU Canton NY. I'll forward details to Bruce Elving. The Sept 14-15 opening was nice. Unfortunately I missed good DX in the days leading to that and didn't think to check. One Toronto DXer had Memphis TN on UHF during that earlier span. WKKY 104.9 is in Geneva OH (Saul's comments continue on next page)

The Mars Hill Network

- | broadcasts | TRANSLATORS | |
|--|---------------------------|-------|
| CHRISTIAN RADIO | astoriand | 95.9 |
| From Syracuse, NY | openhagen | 95.9 |
| WMHR-FM 102.9 | lanaville | 88.1 |
| | indcott | 95.9 |
| From Webster, NY | Jouveneur | 100.1 |
| WMHN-FM 89.3 | lomer/Cortland | 95.9 |
| From Cape Vincent, NY | thaca | 101.7 |
| WMHI-FM 94.7 | Lima | 90.9 |
| With Houghton College | Messena | 92.1 |
| Affiliate | Norwich | 97.7 |
| WJSL-FM 90.3 | Ononta | 97.7 |
| nd 13 translators located | Owego | 95.9 |
| throughout Central NY | Potsdam | 92.1 |
| (See other side for sites and frequencies) | Watertown/Fort Drum | 104.9 |
| | Canada, on Kingston Cable | 104.5 |

SEPT. 15 Super tropo continues

- 0010 WJMO 92.3 OH Cleveland, rap
- 0026 WPRO 92.3 RI Providence
- 0031 WELY 92.3 NY Troy
- 0104 WKGB 94.7 PA Tioga
- 0155 WKBN 98.9 OH Youngstown
- 0216 WLLZ 98.7 MI Detroit, central T.O.
- 17 Tr (Bluffs)
- 0000 CHEZ 106.1 ON Ottawa
- 18 GW (Toronto)
- 1515 CJBC 90.3 ON Toronto, new to air
- 2125 CHYM 96.7 ON Kitchener, new calls
- 25 Tr (Toronto)
- 2050 WFMK 99.1 MI E. Lansing
- 25 Tr (Burnt River)
- 2345 WMYX 99.1 WI Milwaukee
- 26 Tr (Burnt River)
- 0005 WUGN 99.7 MI Midland, g
- 0021 WJML 98.9 MI Petoskey
- 0026 CJBC 90.3 ON Toronto, new on
- 0030 WDZR 102.7 MI Mt. Clemes, Z-Rock
- 0052 WHET 99.7 WI Sturgeon Bay, "WHET The Heat"
- 0100 WCLS 100.1 MI Oscoda
- 0114 WBNZ 99.3 MI Frankfort
- 0118 WKQZ 93.3 MI Midland
- 0123 WKCQ 98.1 heard on 92.1 (??)
- 0128 WUPS 98.5 MI Houghton Lake
- 0200 WIAA 88.7 MI Interlochen
- 0200 WGFm 105.1 MI Cheboygan
- 0207 WMRN 106.9 OH Marion
- 0900 CKMF 94.3 PQ Montreal
- 26 (Bluffs)
- 1240 WCID 89.1 NY Friendship

SAUL CHERNOS' comments continue....

I know cause I got local wx; but check FM Atlas #13 and it's in MS! That's a good reason to get one every time it comes out, as I should have done. My adrenalin was out of control for about three minutes on that one, especially dealing with 104.9! CJBC-FM is part of the CBC Stereo French network and now means another local. CHYM AM 570 and CKGL FM 96.7 are owned by the same company and did a frequency swap, landing the soft (lame, really) rocker on AM, and the country twang (and live sports broadcasters) on AM. On 92.1 I heard WKCQ calls, which should be on 98.3 (98.1-gc). Was there a frequency switch? (I don't think so. Maybe they have LMAed with someone and there is a simulcast deal, or perhaps a translator?-gc). They gave a location so I know it was east-central Michigan. I'm living downtown and FM is horrible. Looks like nine-mile (each way) drives to the Scarborough Bluffs (unless DX is to the west or north; not sure what I'll do for that, yet) 73's Saul

PAUL MOUNT - BOX 126 - LINCROFT, NEW JERSEY 07738 (908) 591-2522

call 0800-0000, 0700-0100 for DX tips. Equipment: Onkyo 19090 II (std 150 khz filters), CM 4408 (SP9) at 30'; RG-6, CM9510A rotor. Archer 15-1122A FM amplifier, Radio Shack phasing doo-hickey, (discontinued item like Rich Shaffan has)

JUNE 1992 DX

| | | | |
|-----------|---|------|--|
| 17 Tr | | | |
| 0458 WSQL | 89.5 MD Salisbury, c | 157 | |
| 17 Es | | | |
| 1904 KNIN | 92.9 TX Wichita Falls, r, Texoma's #1 Hit Music Station | 1410 | |
| 17 Tr | | | |
| 2240 WESR | 103.3 VA Onley | 203 | |
| 2250 WVES | 99.3 VA Accomac, k "WVES...All the time" | 200 | |
| 2253 WDLX | 93.3 NC Washington, at 64db (Philly strength) | 368 | |
| 2317 WSAY | 98.5 NC Rocky Mount, k ID with Wilson | 363 | |
| 2327 WWHB | 107.1 NY Hampton Bays, rp. // WNEF-FM 102.7 | 96 | |
| 2356 WRKZ | 106.7 PA Hershey, local ads through local WLTW, Z-107 | 127 | |
| 18 Tr | | | |
| 0000 WYCR | 98.5 PA York-Hanover, r | 135 | |
| 0001 WQRC | 99.9 MA Barnstable, m pointed to the south! | 224 | |
| 0020 WYYZ | 92.5 CT Waterbury, Country 92.5, through wxtu | 102 | |
| 0040 WXJN | 105.9 DE Lewes, k thru WNWK | 120 | |
| 0048 WNVZ | 104.5 VA Norfolk, r, #1 Hit Music Station, through WYXR | 279 | |
| 0158 WRCY | 107.7 VA Warrenton, k "Washington's new rock Country 107.7" | 222 | |

JULY 1992 DX

| | | | |
|-----------|---|-----|--|
| 3 Tr | overnight to Norfolk, Richmond, NC did it all on TV | | |
| 1145 WUFM | 100.1 PA Lebanon, r, in tight null of WJZ Manahawkin | 115 | |
| 18 Tr | | | |
| 1225 WJHU | 88.1 MD Baltimore, c heard past WNJT | 148 | |
| 1252 WCEI | 96.7 MD Easton, ID, a Dave Schmidt station | 148 | |
| 21 Tr | | | |
| 0140 WXTK | 94.9 MA W. Yarmouth, ID, † | 226 | |
| 0141 WXTX | 104.1 MD LaPlata, o \$57 db | 187 | |
| 0205 WXJN | 105.9 DE Lewes, ko/WNWK | 120 | |
| 26 Tr | | | |
| 1950 WMJQ | 102.5 NY Buffalo, r, "Q102, Buffalo ...station", in WRFP null, finally faded in, also heard on Bill Burrow's Yamaha | 296 | |



What a period June 16 to June 18 was, featuring my only E-skip of the season on FM. Lots more was heard June 17 overnight, but was reported in August VUD; found WSQL on tape review. It's easy to get backlogged with this kind of super Tr. More super trop from August to report next time. Had always figured WMJQ was there, heard the right format to the NW often, finally I ded. Reception on Bill Burrows' Yamaha tuner (with super narrow filter mod) compares quite closely with the Onkyo (unmodified), although we didn't do a head to head. Tuning by a 0.1 Mhz is a nice feature!

73
STATION NEWS: In Macon, Georgia, 92.3 is on the air: Kissin' Country, and a country format. Also in Georgia, Cordele 98.3 is now WKKN, also country. In Erie, Pennsylvania, WJET 102.3 has given up its attempt at a more album rock approach and has gone back to straight top 40. Detroit's WDFX 99.5 has applied for the call letters WOWF. No word yet on what format change will ensue, if any. WEOZ 94.3 Saegertown, Pa. has been silent since at least September, and perhaps has been off all summer. Webster, NY 102.7 (Rochester) has applied for the calls WDCZ. It would then appear that their relay of WNYR 98.5 is only temporary. Some speculation, perhaps a simulcast with WDCX 99.5 Buffalo? I have heard it is the same group that owns DCX that offered to buy WDCZ. Thanks Matt Sittell

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

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

Time: ELT

AUGUST 1992

| | | | |
|--|--|-----|--|
| 23 Tr | | | |
| 0349 WMXC | 104.7 NC Charlotte, "Charlotte's Mix 104.7" | 502 | |
| 0401 WFAE | 90.7 NC Charlotte, ID, j | 502 | |
| 0405 WPAR | 88.1 NC Hickory, ID, g | 496 | |
| 1140 WRFK | 99.7 NC Kannapolis, wx, call, rock, still in after 1230 | 487 | |
| 2017 WOWQ | 102.1 PA DuBois, "Q-102", contest w/DuBois address | 230 | |
| 2021 WNHV | 92.5 NC Nags Head, k, "Carolina 92", very strong | 324 | |
| 2034 WKJX | 96.7 NC Elizabeth City, call + "96.7 FM", k, | 310 | |
| 2101 WRVS | 89.9 NC Elizabeth City, full ID, o, WKCR phased, ex: 90.7 | 310 | |
| 2108 WVOD | 99.1 NC Manteo, wx, call, j 8 mile distant WAWZ phased | 334 | |
| 2143 [WFGY]98.1 PA Altoona, k, "Froggy 98" + call, ex: WFBG | | 209 | |
| 2214 [WLVW]105.5 MD Salisbury, call, ex: WKYZ | | 164 | |
| 2322 [WKYE]95.5 PA Johnstown, "Key 95", Johnstown wx, o, ex: WJAC, WPLJ phased | | 240 | |
| 2347 WODC | 88.5 VA Virginia Beach, ID, g | 270 | |
| 24 Tr | | | |
| 0054 WXRI | 107.7 VA Windsor, urban, ID as 1350 WBSK and 107.7 FM | 289 | |
| 0111 WPEB | 88.1 PA Philadelphia, call, rap with Mark the Lark | 60 | |
| 2000 Fair | southeast New England trop | | |
| 2100 WNTX | 96.3 MA Nantucket, legal ID with WVVY-92.7, r, WQXR phased | 230 | |

COMMENTS: Thanks to Bill N., Paul Mount, and Bob Smolarak for various tips during this rather active period. The WBBM reception was Chicago #3 via trop and first Chicago trop reception in almost 20 years. The Michigan/Ontario path which formed during the evening of September 14th stayed open only about 30 minutes. If it lasted for hours, it would have been fantastic as phasing was uncovering a lot of unusual signals. 73, Joe

SEPTEMBER 1992

| | | | |
|---|---|-----|--|
| 13 Tr | | | |
| 1426 [WBPP]104.9 VA Strasburg, "WAPP-WBPP" ID, o, | | 237 | |
| 2043 WPIG | 95.7 NY Olean, call, k | 233 | |
| 2100 WTVG | 97.7 MI Sandusky, full ID, ABC/I nx, 2nd time heard via trop | 473 | |
| 2132 WUGN | 99.7 MI Midland, call, g | 557 | |
| 2252 WUSQ | 102.5 VA Winchester, "Q-102", "Shennandoah Country" | 226 | |
| 14 Tr | | | |
| 0229 WBBM | 96.3 IL Chicago, ending talk program, "B-96 cares about Chicago-land", full ID, "Killer B", local WQXR off. | 692 | |
| 0324 WRKR | 107.7 MI Portage, rock, "107.7 WRKR" IDs | 576 | |
| 0400 WRVT | 88.7 VT Rutland, APR feed, only ID on hour: "Vermont Public Radio" | 222 | |
| 0449 CIMX | 88.7 ON Windsor, r "89X" | 459 | |
| 1845 CHUM | 104.5 ON Toronto, ID | 329 | |
| 1905 CFCA | 105.3 ON Kitchener, call, nx | 374 | |
| 1922 WLEW | 102.1 MI Bad Axe, "Cruise" + call, WIOQ phased. | 500 | |
| 2100 CBD | 91.3 NB St. John, CBC St. John mention in promo, CBC News. New Province! | 534 | |
| 2104 CIOK | 100.5 NB St. John, "K-100", St. John wx, r, news | 534 | |
| 2113 WRFK | 99.7 NC Kannapolis, call, r | 487 | |
| 15 Tr | | | |
| 0605 WHTK | 99.7 SC Port Royal, ID, r | 665 | |

COLUMN NOTE: Now that we have a CCI-UnID column, please send all your unID there, that is really where they belong, not here. It is better for you too: everything in that column is geared toward unIDs, so someone who potentially has an answer to one of your mysteries will be less likely to miss it. Thank you for your co-operation!

STATION NEWS: In Oil City, Pennsylvania, WKQW 96.3 is on the air with oldies, and a fairly good signal. Apparently they simulcast the AM (1120). WCLS Oscoda, Michigan was heard by Saul Chernos on 100.7, so apparently they have made that switch. Probably everyone has heard by now, because they were heard widely during the September tropo ducting, but 96.7 and 570 in Kitchener, Ont. have swapped formats. Now, 96.7 is CHYM "Chime FM" and pop or a/c format, on the hard side. The CKGL country format, and the Jays games, have gone to AM. CJBC-FM 90.3 Toronto has finally come on the air, in stereo Bruce! Not parallel to CJBC-AM or its FM repeaters. WSLJ 88.9 Watertown, NY is on as a relay of WSLU 89.5 Canton, NY. KSFR 103.1 Santa Monica, Calif. reportedly switched in September from modern rock to jazz. 100.9 Picooning, Michigan is now WBTZ "The Blitz" and hard rock. KALK 97.7 Winfield is now country, but still "K-Lake". Algoma, Wisc. has become WBDK, and country. KZPZ 105.1 Lakeville, MN is on the air. KKBQ 92.9 Pasadena-Houston, which switched to "easy country" last year, is now "young country" (upbeat) à la KYNG in Dallas. Back to the "93Q" slogan when they were top 40. More news from Texas: Tyler on 104.1 is also now country: "US104". 106.9 in Conroe (Houston) is reported to go to Z-Rock, and ask for the calls KKRZ. KKL8 92.5 Elgin-Austin is on the air, with Tejano-dance CHR, "Club 92.5". KYOT 106.7 Granbury changes calls to KCYT, but retains the MOR format. Hamlin-Abilene 103.7 is back on the air, as KCDD, and top 40 "CD103". Other changes in the Abilene area: 102.7 Merkel is now KCWS "West 102"; country. KHXS 106.3 has changed again, to easy listening. Back to the northeast: WIBQ 93.5 Remsen-Utica has become WKDY, and Unistar Hot Country. There was no sign of WWSB 94.7 Erie, Pennsylvania. 93.3 and 105.9 in the Rochester area are not on yet. Thank you John Ebeling, Saul Chernos, Jerry Monroe, George Greene, Bruce Hall, and Jeff Falconer for contributing to this information.

NORTHERN FM DX

NOVEMBER 1992

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607

(716) 461-2717 (home), (716) 494-1847 (work Tu & Th). Equipment: JVC auto radio. Mileage from Fred's printout. All times EDT, except Chicago logs which are CDT.

| | | | |
|---|--------|-------|---|
| July 30 | | | |
| 1559 | {CKWF} | 101.5 | DN Peterborough, local ads, news "Wolf" non-IDs. 89 |
| August 5 Tr | | | |
| 0759 | WKSU | 89.7 | OH Kent, WTR off. |
| August 10 Tr (DXing in Chicago area) 1 | | | |
| 0035 | WCUZ | 101.3 | MI Grand Rapids |
| 1300 | WAPL | 105.7 | WI Appleton |
| 1722 | WGHV | 92.1 | MI Grand Haven |
| 1723 | WKLD | 94.5 | MI Holland |
| 1726 | WBCK | 93.7 | MI Grand Rapids |
| 1730 | WGVU | 88.5 | MI Allendale |
| 1740 | WLHT | 95.7 | MI Grand Rapids |
| 1745 | WIO6 | 102.5 | MI Bay City |
| 1754 | "E2" | 105.7 | MI Grand Rapids |
| 1758 | WFUR | 102.9 | MI Grand Rapids |
| 1759 | WJQK | 99.3 | MI Zeeland |
| 1800 | WCSG | 91.3 | MI Grand Rapids |
| 1820 | WKEZ | 96.1 | MI Holland |
| 1848 | WQLR | 106.5 | MI Kalamazoo |

| | | | |
|--|------|-------|------------------|
| August 13 (Still in Chicago area) | | | |
| 1920 | WHFB | 99.9 | MI Benton Harbor |
| 1925 | WKKG | 101.5 | MI Columbus |
| 1959 | WNWC | 102.5 | WI Madison |

| | | | |
|--|-------|------|----------------|
| August 14 (Still in Chicago area) | | | |
| 0020 | WPWRt | 98.9 | IL Rock Island |
| 0817 | Magic | 98.1 | WI Madison |
| 0817 | WVCX | 98.9 | WI Tomah |

| | | | |
|---|--------|-------|--|
| September 8 Gw (Back in Rochester) | | | |
| 1333 | WLMFt | 102.7 | NY Webster - New station on the air. = 10 |
| 1338 | {WNUC} | 107.7 | NY Wethersfield - new calls and "new country" format. 47 |

| | | | |
|------------------------|--------|------|---|
| September 23 Tr | | | |
| 1400 | "WLSU" | 88.9 | NY "N. Country Radio" 3 |
| 1503 | CJBC | 90.3 | ON Toronto - classical music, ID as "CJBC de Toronto". May be testing, but not // 86.0 or 106.3. 97 |

Note 1: I thought these were typical, but nothing else heard from Michigan during the next 9 days except 93.7
Note 2: Broadcasting WNYR 98.5 programs. No mention of 102.7. Probably in testing phase, as I heard them cut on at 1000 the next day. Gets a little beat up by WMJQ 102.5 on the west side of Rochester. Es should still be possible at my Bergen listening site. (I have heard they applied for the calls WDCZ and are expected to come on soon with a religious format-gc)
Note 3: String of calls (WLSU, WSLO, WSLL, WXLU) but nothing on any list in my possession. Could it be WNYO? Or is it WXLU (site)? (Jim, I think this a new station on in Watertown that reals WSLU 89.5 in Canton. I believe the calls are listed in Saul Chernos' report in this months column-gc)
 Still no sign of WYNO (hurray!).

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO NOM 1L0

Equipment: Magnum Dynalab FT101A, Probe 9 at 27' with rotor, RG-11 feedline, Magnum Dynalab 205 preamp.

| | | | |
|--------------------------|--------|-------|--|
| JULY 1992 DX | | | |
| 7 Es | | | |
| 2010 | KYKZ | 96.1 | LA Lake Charles, k\$, ID 1128 |
| 2012 | KKBQ | 92.9 | TX Pasadena, k\$ 1225 |
| 2015 | KTFA | 92.5 | TX Groves, gr\$ 1167 |
| 2023 | KDBH | 97.7 | LA Natchitoches, k\$, ads 1034 |
| 2039 | KQUE | 102.9 | TX Houston, m\$, KQ-103 1226 |
| 2042 | KKMY | 104.5 | TX Orange, r\$, ID 1157 |
| 18 Es/Trs | | | |
| 1133 | WJSU | 88.5 | MS Jackson, j\$, wx, ID 913 |
| 1340 | {WENZ} | 107.9 | OH Cleveland, The End, r\$, Ex: WPHR 146 |
| 1352 | {WBTZ} | 100.9 | MI Piconninc, r\$, The Blitz, FM 101, ex: WMJT 120 |
| 1659 | WEFR | 88.1 | PA Erie, g\$, ID 127 |
| SEPTEMBER 1992 DX | | | |
| 4 Gw | | | |
| 1546 | {CHYM} | 96.7 | ON Kitchener, r\$, Chime ex: CKGL 54 |
| 1750 | {CIMJ} | 106.1 | ON Ottawa, r\$, Magic 106 ex: CKLA 64 |
| 5 Tr | | | |
| 0039 | WROE | 94.3 | WI Neenah, rm\$, ID 347 |
| 0044 | WYIE | 96.7 | WI Whiting, k\$, ID 403 |

Terrible summer for Es. Good tropes on 9/5 with Minneapolis stations very strong for an hour or so. KARE CH 11 also logged for a new TV state. 73s, Jeff

NORTHERN FM DX

NOVEMBER 1992

DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11 tuner IF filter modified. Channel Master Stereo Probe 9 at 36 feet on crankup tower. Channel Master 3617B VHF at 23 feet into phase box. Alliance HD-73 rotor and RG-11 coax.

New loggings are underlined. New call {K K K K}. New propagation mode W W W W.

| | | | |
|--------------------------|-------|--------------------|--------------------------------------|
| SEPTEMBER 1992 DX | | | |
| 3 tropo | | | |
| 1337 | 102.7 | NY Webster, rm\$ | 58 |
| | | relaying WNYR 98.5 | |
| 15 tropo | | | |
| 1247 | CIRO | 99.7 | PG St. Georges-de-Beauce, FF k\$ 435 |
| 1348 | CFNJ | 99.1 | PG St. Gabriel-de-Brandon, mr\$ 331 |
| 1355 | CBVE | 104.7 | PG Quebec, tMono over WKFM 452 |
| 17 tropo | | | |
| 1300 | WEFR | 88.1 | PA Erie, ID, g\$ over CKLN&WFRW 97 |

| | | | |
|--------------------------|--------|------|--|
| SEPTEMBER 1992 DX | | | |
| 20 tropo | | | |
| 2000 | CJBC | 90.3 | ON Toronto, ID, FF c\$ 63 with WJSL |
| 2200 | {WBZX} | 99.7 | OH Columbus, ID - "The Blitz", r\$, ex: WMGG 311 |
| 24 tropo | | | |
| 1005 | WNZE | 94.3 | IN Plymouth, ID + "Z-94", k\$ 414 |
| 1230 | WMBI | 90.1 | IL Chicago, g\$ over WGMC 470 |
| 25 tropo | | | |
| 1440 | WMYX | 99.1 | WI Milwaukee, rm\$ 474 |

I haven't payed any attention to the new 102.7 Webster, NY since logging it. So I don't know if they're still relaying 98.5 Waterloo, NY or are on there own? The other day, Greg Coniglio called me with the bad news that CJBC Toronto was added to the growing list of semi-locals. They took away frequency domination from WJSL Houghton, NY; 48 miles south east of me. I can't wait till Toronto's signal is added to Rochester's on 92.5! Dave

DAVE NIEMAN-HO STA GEH, ROAD-ROCK CITY, NEW YORK

Equipment: Technics ST-8080 tuner IF filter modified. Antennacraft FM-10 at 25 feet, RG-6 coax and Radio Shack rotor.

New loggings are underlined. New call {K K K K}. New propagation mode W W W W.

| | | | |
|--------------------------|-------|---------------------|--------------------------------|
| SEPTEMBER 1992 DX | | | |
| 5 tropo | | | |
| 1849 | CKRZ | 100.3 | ON Ohsweken, r\$ 116 |
| 6 tropo | | | |
| 0550 | WQIX | 100.9 | NY Horseheads, k\$ 84 |
| | | lcl WMXO not on yet | |
| 0601 | CFLY | 98.3 | ON Kingston, "FLY-FM", r\$ 182 |
| | | lcl WQRT not on yet | |
| 0604 | WVIN | 98.3 | NY Bath, r\$ 70 |
| | | lcl WQRT not on yet | |
| 0637 | WXRK | 92.3 | NY New York, r\$ 248 |
| | | "92.3-K-ROCK" | |
| 0704 | WIZE | 100.3 | DC Washington, j\$ 228 |
| 12 tropo | | | |
| 1009 | WGLU | 92.1 | PA Johnstown, r\$ 119 |
| 1918 | CKSY | 95.1 | ON Chatham, rm\$ 192 |
| 1921 | CJBC1 | 95.5 | ON Belleville, FF mono 158 |

| | | | |
|--|--------|-------|--|
| SEPTEMBER 12, 1992 DX continued | | | |
| 2001 | WJFF | 90.5 | NY Jeffersonville, ID, s\$ 246 |
| 13 tropo | | | |
| 0453 | CFBG | 100.9 | ON Bracebridge, "Muskoka-101", rm\$, lcl WMXO not on yet 213 |
| 0616 | W220AI | 91.9 | PA Meadville, WCRF, g\$ 91 |
| 0700 | WJCH | 91.9 | IL Joliet, ID, g\$ 497 |
| 0829 | WMBI | 90.1 | IL Chicago, ID, g\$ 471 |
| 1300 | WLS | 94.7 | IL Chicago, ID, \$ 471 |
| 20 tropo | | | |
| 0800 | CJBC | 90.3 | ON Toronto, ID, FF t\$ 122 over WJSL |
| 27 tropo | | | |
| 1140 | WKOW | 96.3 | PA Oil City, "96-KQW", o\$ 75 |
| 1200 | WEFR | 88.1 | PA Erie, ID, g\$ 82 |

Not much DXing time this past month. I spent most of it working on the mountain top "storage building". Got it all inclosed now and put the VHF TV and FM antennas on the roof. The local building inspector came yesterday and did his final inspection; it passed. Now I can start storing some 12/2 with ground, insulation, paneling, furniture and heater in the building. Dave

Bill Nienajedly PO Box 2999 Clifton NJ 07015-2999 N2QJ Tech+ ARS.

Here is my FM report...ZILCH Nothing Nada! Sorry to send in a non DX FM report but despite all the outstanding DX everyone else was getting, I lost out on it. Though I was home most of the time, non of the FM DX really occurred here. Sept 13 & 14 were the dates NJ Dxmrs had Michigan & NS at the same time. Joe had Chicago on tropo on the morning of the 14th on FM! Well TV DX was better than my FM DX and speaking of TV you should see the reports in my column! Mindboggling DX! Well thank for all the phone calls about the DX too bad it didn't really surface on FM..here. Still Ottawa on UHF and Tenn on UHF a week or so later was nothing to sneeze at! I passed my 5 WPM code test and now can also operate on HF (below 30 mhz) maybe I'll go to General Class in a few months. GoodDXing!

ROBERT S. ROSSVE3JFC - BOX 1003 STN B-LONDON, ONTARIO CANADA N6A 5K1

Sept 4 Tr: 0846 {WKYY} 104.9 ON Geneva, c/w mx, all, ads, into more mx, ex: WDON
 Sept 4 Tr: 2031 {CHYM} 96.7 ON Kitchener, rock mx, "96.7 Chime FM", jingles and entertainment update. AM CHYM and FM CKGL did a frequency flip-flop
 Sept 6 Tr: 2238 {CIMJ} 106.1 ON Guelph, popular hits and current rock music IDs as "The New Magic 106.1 FM", station promos, weather report.

NORTHERN FM DX

NOVEMBER 1992

MIKE CHERRY VE7SKA - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0

PDT. Equipment: see previous columns. = mobile. mod Toyota stereo FM w/180.150 khz IFs

JULY 1992 DX

6 Es
 1924 CHIQ 94.3 MB, \$, Q-94, r 1167
 1928 KQDY 94.5 ND, local ad, \$ 1062
 1934 KQRN 107.3 SD, \$, Q107, r 1292
 1944 KUNY 91.5 IA, ID, c mx \$ 1596
 1953 KBJJ 107.1 MN, K107, wx
19 MS
 0538 **KNNG** 104.7 CO. "Sterling and Fort Morgan, but..." 1150

31 MS
 0631 **KVPR** 89.3 CA, "...VPR..."

AUGUST 1992

1 Tr = Vancouver, BC
 1959 **KLCC** 89.7 OR, ID, jazz \$ 369
 2000 **KBOO** 90.7 OR, ID, s o/KSER-WA 330
KWAX 91.1 OR, ID, NPR nx, c\$ 369
 plus numerous OR, WA re-logs

4 MS = Courtenay, BC
 1425 **KQED** 88.5 CA, "here in the bay area police have had a number of" (over TrS rx of KPLU-WA)

5 MS/Tr = Quadra Island, BC
 0756 **KPDQ** 93.7 OR "...for Christ, here on KP..." 316
 2100 **KLYK** 105.5 WA, ID, AP nx 345
KMNT 102.9 WA, K103, nx, K mx 345
 2117 **KUKN** 94.5 WA Cookin' Country, k 322

August 6 Es = Nanoose Bay, BC

1727 **KUNR** 86.7 NV All Things Cons ID\$
 1729 **KNPR** 89.5 NV, ID, promo
 1730 **KMNT** 106.3 CA, ad, wx, ID
KVXR 99.5 CA, Stereo 99 wx, nx
 1737 **KILA** 90.5 NV, g, news, ID, promo\$
 1746 **KNAI** 88.3 AZ, SS R, Campesina
 1749 **KOOL** 94.5 AZ, Cool FM, oldies
 1753 **KNAU** 88.7 AZ, evening hi-lites, ID
 1757 **KVNA** 97.5 AZ, r, \$ ad
 1800 **KNOT** 99.1 AZ, ID, with AM, news
KZGL 95.9 AZ, ID, Z-96 FM
 1805 **KZZZ** 94.7 AZ, nx, wx ad
 1812 **KSSD** 92.5 UT, k, ads\$ over KLSY-WA
 1814 **KXPK** 96.1 UT, p - U2, ID, SLG/Provo wx
 1817 **KRCL** 90.9 UT, blues shows
 1823 **KBYU** 90.1 UT, ID, c, concert reviews

21 TrS
 0607 **KNWR** 90.7 WA over semi-local KSER happens often, thanks FCC!!! 132

SEPTEMBER 1992 DX

9 Au
 1930 **CBTE** 89.9 BC // 690 AM 314



Vacation DX for MS was so-so. tropo was mediocre. FCC has too-close spacing locally on 90.7 as witnessed by my tr loggings. KNWR overrides KSER often in early morning when I'm trying to listen to the eclectic music program. August 6 Es was discovered after severe CCI to semi local KPLU 88.5 occurred. Sept. 9 had one of the strongest Au-E openings in recent years, but MUF only got to 72 Mhz. Hope everyone caught a little Es on FM this summer.

FRED NORDQUIST - 7945 BOXFORD RD - CLAY, NEW YORK 13041-8606 (ELT)

Equipment: Receiver, Carver TX-11a modified with five (TOKO) 110 khz IF filters. Antenna-two CM Stereo Probe 9s (SP9s) (on separate masts) at 35 AGL. CAC-11 75 ohm coax feedlines (cut 1/2 wavelength difference at 100 Mhz), 3 variable capacitors in series in metal box and RS variable attenuator for antenna matching/phasing, and home brew tuneable band-pass filter. Underlined new to log (with stereo), distances in parentheses.

JULY 1992 DX

14 Es-noted briefly at 2102 no IDs
25 MS many bursts noted after midnight - no IDs

AUGUST 1992 DX

13 MS
 0215 ***WAFR** 88.3 MS Tupelo, Amr. Fam. Rdo 914
22 GW
 0037 **WNYO** 88.9 NY Oswego, new to air, p 29
23 Tr
 0100 ***WRVL** 88.3 VA Lynchburg, ID after WAER signed off 427
 2131 **WJHU** 88.1 MD Baltimore, j 267

SEPTEMBER 1992 DX

9 Au - noted at 2340 - no IDs
13 Tr
 2109 **WSHW** 99.7 IN Frankfort, Shine 99 o/u 571
WUGN Midland, Mich 408
 2122 **WUGN** 99.7 MI Midland, g 408
 2149 **WMBI** 90.1 IL Chicago, g 592
 2222 **WSSU** 91.9 IL Springfield, prev via Es 737
14 Tr 0123 ***WNEA** 88.3
 MI Port Huron nx; g 319
 Many Michigan station in loud and clear - but concentrated on UHF DX

Totals now at 1607. Es was practically nil after June 23. *DX was recorded on video tape recorder using 8 hour tape with counter/tune set to locate time of loggings. Super tropo on September 13-14 was nice - thanks to Kurt Richardson tip or Tr conditions 73 - Fred

REPORT YOUR DX TODAY!

ASAP!

NORTHERN FM DX

NOVEMBER 1992

MICHAEL HAWK, NOOSY - 10212 P ST - OMAHA, NE 68127-2130

Equipment: Renwood KT-815 IF Mod; Antennacraft FM-10 up 30'; 20 dB attenuator

AUGUST DX

31 Tr NOTE #1
 2200 **WEKU** 88.9 KY Richmond 671
 2300 **WAMZ** 97.5 KY Louisville, The country 584
 leader, 97-WAMZ
 2319 **WZZQ** 107.5 IN Terre Haute 471
SEPTEMBER
3 Tr
 0714 Goodland, KS to Rockford, IL heard before going to school.

4 Tr
 0708 **KSCB** 107.5 KS Liberal 389
 0720 **KFXX** 106.7 KS Hugoton, over KEXL 398
 0739 **KMLT** 89.1 KS Wichita 254
 0740 **LEFT** for school
 0800 **KJAK** 92.7 TX Slaton, g; caught ID on tape

5 Tr
 0008 **WMOT** 107.5 MI Ishpeming, Q-107 555
 0017 **WLJY** 106.5 WI Marshfield 381
 0021 **WCCW** 107.5 MI Traverse City, Oldies 582
 107.5; 660 watts
 0022 **WKPK** 106.7 MI Gaylord, KPK 632
 0026 **WRCO** 100.9 WI Richland Center, s/off 325
 0028 **WOJB** 88.9 WI Hayward, r 403
 0031 **WLIM** 102.1 WI Milwaukee, local ads 435
 0033 **WPKR** 99.5 WI Waupun, weather 409

5 Tr (cont)

0036 **WTCM** 103.5 MI Traverse City, TCM 582
 0044 **WROL** 105.3 WI Antigo 441
 0048 **WNYX** 99.1 WI Milwaukee 435
 0107 **WLTO** 97.3 WI Milwaukee, Lite 97 435
 0114 **WOFM** 94.7 WI Mosinee 415
 0131 **WGNV** 88.5 WI Milladore 397
 0135 **WBCT** 93.7 MI Grand Rapids, B-93 546
 new calls, and now k
 0137 **WKLH** 96.5 WI Milwaukee 435
 0141 **WIXX** 101.1 WI Green Bay 466
 0146 **WKKC** 102.9 MI St. Ignace, KC-Country 652
 0153 **WRCO** 98.1 MI Saginaw, KCO; Q-Country 636
 0157 **WRLT** 97.5 MI Kalkoska, Double Rock 601
KLT
 0200 **WPFJ** 90.5 WI Sturgeon Bay 504

7 Tr

0107 **WCCN** 107.5 WI Neillsville 360
 0113 **WMOT** 107.5 MI Ishpeming, Q-107 555
 0115 **WVCX** 98.9 WI Tomah 341
 0118 **WVSP** 89.9 WI Stevens Point, 90-FM 400
 0119 **WYCO** 107.9 WI Wausau, Y-108 415
 0122 **WKRH** 105.5 WI Trempealeau, K-Rock 303
 0158 **WAAA** 88.7 MI Interlochen 574

28 Au

2300 **WZOR** 97.5 IL Rockford, NOTE #1 366

NOTE 1: 8/31 tropo sounded like another instance of TrS into an actual duct. Signals were weak with a lot of fading, but besides these 3 stations, nothing else out of the ordinary was heard. Also, the intermediate stations were no stronger than normal. My 6/16 loggings were speculated to be this same type of propagation.

Note 2: I didn't even realize that there was an aurora when I heard them. They were weak and muffled, and only heard with the beam N/NW. I just assumed it was TrS (they are fairly common), but the next day, I heard on WWV that a severe geomagnetic storm had taken place.

The unbelievable tropo continued for a short time. August was nothing short of spectacular, and early September was also very good. The WCCW logging was amazing, especially if they are really only 660 watts! The tropo on 9/4 and 9/7 took place during the National Radio Club convention here in Omaha. DX'ers on the top floor of the hotel picked up stations to 380 miles to central Wisconsin, using only a portable! I was lucky enough to be able to drive home and DX with the FM 10, etc. I hope the fall tropo season turns out as good as August and early September! Wouldn't that be amazing!? '73

GUS MANCUSO - 5615 INWOOD ST. HYATTS, MARYLAND 20785

From Atlantic City, New Jersey, Trump Castle. Equip: Technics SA-222 & Radio Shack plain rabbit ears

SEPTEMBER 1992 DX

7 from n.e. side of building
 1745 **WTHH** 96.1 NJ Margate, s, new station
 1807 **WGNV** 103.1 NY Newburgh
 1817 **WLVG** 92.1 NY Sag Harbor, null on WVLT
 1855 **WRCH** 100.5 CT New Britain, in/out with WCMS
 1900 **WMRV** 105.7 NY Endicott, one of those "non-sequiturs" that show up just before sunset
 1900 **WPBX** 91.3 NY Southampton
 2200 **WHYN** 93.1 MA Springfield, null on WPAT
 2305 **WRHU** 88.7 NY Hempstead
 2310 **WXJN** 105.9 DE Lewes, "Kicks one-oh-six"

SEPTEMBER 1992 DX cont

8 from s.w. side
 1250 **WERQ** 92.3 MD Baltimore
 1700 **WHRO** 90.3 VA Norfolk
 1703 **WTMD** 89.7 MD Towson
 1830 **WETA** 90.9 DC Washington, no sign of WHYYY for several minutes
9
 0109 **WXPZ** 101.3 DE Milford, new since last trio
 0850 **WFLS** 93.3 VA Fredericksburg, over WMMR
 1000 **WGTS** 91.9 MD Tacoma Park, picked up several times, IDed now.

Ran into the "ghost of vacations past" - severe imaging. Was big problem thru middle of the dial. Was hoping for less interference here, as I have found less imaging on n.e. side of any building, so I assumed most x-mtrs must be south of town and selected this place on north end. Worse reception must be due to this set not as good as Pioneer used in past, or narrower, lighter building structure doesn't screen off as well. Not nearly as lucrative as last year (see 11/91 VUD), but brings total to 174 since 1987.

NORTHERN FM DX

NOVEMBER 1992

JOHN EBELING - 9209 VINCENT AVE - BLOOMINGTON, MINNESOTA 55431

| | |
|--|---|
| FROM Prosit (Albort), MN location (All Tr) | SEPT. 7th continued |
| AUGUST 17 | 1119 W280CT 103.9 MN Hermantown |
| 0001 KNSR 88.9 MN Collegeville 128 | "K100" (#1) NA |
| SEPTEMBER 1992 DX | 1223 WZEE 104.1 WI Madison 314 |
| 6 | 1230 WUPY 101.1 MI Ontonagon 156 |
| 2350 KKEZ 94.5 IA Fort Dodge 320 | 1237 WJJO 92.5 WI Tomahawk 174 |
| 2358 WHTL 102.3 WI Whitehall 192 | 1428 CFNO 93.1 ON Marathon 310 |
| 7 | 1500 KSRQ 90.1 MN Thief River Falls 182 |
| 0001 WSPL 95.7 WI LaCrosse 230 | 14 |
| 0005 K220BP 91.9 MN Moose Lake NA | 0912 W237AO 95.3 MN Virginia (KBHW) |
| 0006 KUOO 103.9 IA Spirit Lake (KUOO/KAYL) 274 | From Bloomington, MN location |
| 0010 KWMG 93.5 NE Columbus 452 | SEPTEMBER 1992 DX |
| 1055 WQRB 95.1 WI Bloomer 141 | 15 Tr |
| 1112 WLDY 93.1 WI Ladysmith 126 | 0001 WMLJ 96.3 WI Sauk City 208 |
| | 21 Tr |
| | 0931 KPPZ 105.1 MN Lakeville, #3 |

Note 1. Elving's xltr in Hermantown, a Duluth suburb. His antenna pattern is aimed away from Prosit. Distance is (as the drunken crow flies) ~ 21 miles. This same frequency has a rather strong WAKX xltr in Hibbing, which is a regular in Prosit.

Note 2. New station running equipment tests for the past three weeks ago. Finally gave an ID. Elving and myself were listening here at my house one night and they left the air without any ID. Another damn local for me!!!

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment Carver TX11 tuner modified with 150 khz filters Stereo Probe 9 roof mounted 25 feet or so 3GL Archer Rotor Jerrold 9ele TV antenna used in phasing a two capacitors in box system RS 0-10-20 db amp.

| | |
|---|--|
| SEPTEMBER 1992 DX | 25 Tr |
| 14 Super Tr | 1810 WMYX 99.1 WI Milwaukee rm5 calls 474 |
| 2330 WAAF 107.3 MA Worcester rp\$ 348 | 1812 WRVM 102.7 WI Sunng r\$ 502 |
| 2335 WPLM 99.1 MA Plymouth BBDS over WAAAL nice verification back from them Thanks Peter George for the above two! First two MA by trop (1 only via Au) | 1835 WBTE 100.9 MI Piconing rp\$ The Blitz 101 FM well o WRKT & CFBG 278 |
| 2240 WPRO 92.3 RI Providence, STATE 41 r\$ 92 Pro FM taking out WRRN easily! | 2200 WIZY 100.9 MI East Jordan classical\$ in well at times weak at ID time though 352 |
| 2253 WCIB 101.9 MA Falmouth Lite 102 WCIB satellite A.C. strong signal | 2205 WDBS 107.3 MI E Tawas rm5 calls sounded like this as opposed to the old WDBI* 264 |
| 2300 WBRU 95.5 RI Providence. Very weak in WMRE CJBC WKQI mess. L2 song ID | 2210 WKLZ 98.9 MI Petoskey rp\$ 97.5 KLZ 355 |
| 2302 WSNE 93.3 MA Taunton over WWSE with calls previously via Au | 2218 WMBN 96.3 MI Petoskey rm5 Lite 96 FM verie back already this was over CFMN via phasing would not have been possible at all with Mississauga in the same bearing! 346 |
| 2325 WWLI 105.1 RI Providence ads caught Rhode Island Lottery briefly over jumble | 2230 CJQM 104.3 ON Sault Ste. Marie Jays BB 369 |
| 18 GW | 2247 WKHQ 105.9 MI Charlevoix 106KHQ 362 |
| 1800 CJBC 90.3 ON Toronto c\$ French, another new local. freq is ruined | 2255 WTCE 100.5 MI Carrollton r\$ top 40 The Fox tough to phase both WWOR CBBL 269 |
| | 2325 WJPD 92.3 MI Ishpeming ks 495 |
| | 2330 WTRV 94.3 MI Leland o\$ Othies 92.5 and Grand Traverse 94 in weakly not nearly as well as is sister WAIR which was blasting in 379 This is Michigan logging number 95 |



I owe a lot to several DXers who helped tipped me off on some of these openings. Thanks to Bill Menopadi for helping me to get my first Mass. TV station (56). Thank you Peter George for helping me with WAAF 107.3 and WPLM 99.1. Thanks Bill Kretschmer for alerting me that there was something going on on the 14th he was getting Kitchener Ont.! Thanks Dave Nieman, Bob Seybold, and Saul Chernos for letting me know about some of the other interesting openings as of late, and thanks Kurt Richardson for alerting me to some of the long range stuff on Sept. 13th. I guess whoever whatever controls trop felt guilty about what he/she it had dealt us for most of this year and decided to make it up to us. Many interesting openings since August 22 some of which I detailed last month and appear here and in ETVDX. Chalk up another one on the 14th a rare opening to S. New England. How rare is it? I don't know I have never had one before! It is a bad path for some reason, despite not being THAT far away (mostly under 400 mi). Most of the super ducting experienced Sept. 13 seems to have passed over here with only WSSL 91.9 still a hefty 667 mi but that was the only DX of the evening on FM. The 25th was interesting as 2 of the 4 new loggings would definitely not have been possible were it not for phasing. WMBN 96.3 DIRECTLY at strong semi-local CFMN and WKQI 100.5 was only heard after careful toying with the box to get WWOR and CBBL at their lows. However while during the 14th Trop opening the phasing helped the stuff still would have been possible without it anyway as I was not going again any real strong stations (WRRN 92.3 was down, making WPRO easy)! Good DX.

METEOR SCATTER: BEST DATES FOR DX

BY MIKE HAWK, NØ0SY

Meteor scatter has quickly become one of my favorite modes of propagation on the FM band. This is probably because it is something that can happen anytime, all year. As most of you know, there are fluctuations throughout the year which I'll look into.

For the newer members that may not know exactly what meteor scatter is, or how it works, I'll give a very brief summary.

Meteor scatter occurs when a meteor enters the earth's atmosphere, and ionizes an area in the E-layer. This ionized trail can reflect radio signals, generally from 25 MHz upwards through UHF TV. The ionized trail doesn't last very long - usually a second or less. Sometimes, though, when larger meteors enter the atmosphere at just the right speed and angle, they can ionize an area for several seconds. These are the ones which we DX'ers like, since the shorter ones are barely long enough in time to tell that they are there, much less obtain identifiable material. An ionized trail will generally support propagation on lower frequencies longer. An example would be a meteor which causes a 6 second burst on channel 2 may only cause a 3-4 second burst on 99.9 MHz FM. One other note - meteor bursts usually fade in and out rapidly - they are kind of fluttery. Also, more than one signal may be propagated off of one trail, so one station may be heard alternating with another.

There are three "can't miss" meteor showers each year. They are the Perseids, peaking August 11-13, the Geminids, peaking December 12-14, and the Quadrantids, peaking on January 3rd and 4th. These showers usually peak during a very short period of time. In other words, there won't be 50 burst per hour 24 hours a day during these shower's peak days. It may peak in a 1 or 2 hour period, slow down a little, then peak again several hours later for a few hours. A very general statement would be that they peak during the late night/early morning hours. If you want to be more exact, I highly recommend that you order the Meteor Scatter Insights reprints (see Jan. 92 VUD for info).

The main reason I'm writing this is to help inform you as to when to listen for meteor scatter on days other than the peaks of the Big 3. Using all the VUD's in print from Aug 1974 to March 1987, and August 1991-September 1992, I compiled all the reports of meteor scatter on FM. There were about 1000 reports of meteor scatter on different dates during this period. Below is a chart of what was found. (FEB, MAR, & SEP not included due to no above average days reported)

| MONTH | ABOVE AVERAGE | VERY GOOD | GREAT | SUPER | DON'T MISS |
|-------|--------------------------------|-----------------|-------|-------|------------|
| JAN | 29 | | 4 | 3 | |
| APR | 19, 22, 26 | | | | |
| MAY | 5, 6, 7, 29 | | | | |
| JUN | 1, 4, 6, 7, 12, 20, 25, 28, 29 | | | | |
| JUL | 30 | 28 | | | |
| AUG | 1-3, 5, 6, 15, 21, 30 | 4, 7, 8, 10, 14 | 9 | 13 | 11, 12 |
| OCT | 8, 14, 18, 22, 23 | 9 | | | |
| NOV | 9, 10, 17, 28 | 25 | | | |
| DEC | 2, 7, 8, 18-22, 24, 29 | 3-6, 9, 11, 15 | 10 | 12 | 13, 14 |
| | 30 | | | | |

The average day had about 2.75 reports of meteor scatter over the 14 years. A fairly large portion of this is due to the "Big 3". Subtracting the peak dates of these 3 showers, the average per day turned out to be about 2.1. This means that any date that had 3 or more reports over the years could be considered above normal. It could easily be a coincidence, though, that 3 were reported, so instead, I decided to use 4 instead. True, it could still be a coincidence that 4 people heard meteor scatter on that date, but the chances are reduced somewhat. So in the chart above, the above average section are those dates which had 4 or 5 reports of meteor scatter, very good is 6-10 reports. The great section is 11-15, the super is 16-25, and the don't miss is 26+.

Since that chart is a little hard to read in chronological order, here is a brief summary of what to expect through the year.

Jan 5 - April 18: Slowest period of the year for meteor scatter. There were 18 days where none was reported at all, and only 1 above average day.

April 19 - June 3: Activity picks up a little. There were 7 days where no meteor scatter was reported, and 8 above average days.

June 4 - July 27: Good overall activity, but early/mid July was slow. There were another 8 days with no activity reported.

July 28 - Aug 31: Super period! Every day from 8/1 to 8/15 was above average, and there was only 1 day (8/20), with no activity reported.

Sept 1 - Dec 1: Very poor in September to very early October, then a slight increase occurs. There were 15 days w/o activity, with 10 of those in September.

Dec 1 - Jan 4: Another super period! Dec 2-15 is above average every day, and there weren't any days that no meteor scatter was reported.

Remember, when I say "___ days without activity reported", it doesn't mean that there can't be meteor scatter on those days. Every day, billions of meteors enter the earth's atmosphere, so any number of those could be the right size, speed, etc to support propagation. This is just to give an idea as to when the best chances for meteor scatter to occur.

Lastly, I was surprised at how few reports the Arietids and Zeta Perseids period got (June 6-8). Both peak on 6/7, with 60 and 40 ZHR's, respectively. I'm guessing that it's probably because these are daytime showers, and thus don't get the publicity of the nighttime ones that the astronomers go crazy over. Also, to a lesser extent, I was surprised at how few reports the Quadrantids got (Jan 3/4). This is probably because it has such short peak, so if you miss it, you're out of luck, unlike the Perseids, where if you miss the peak, there are usually several smaller peaks in the few days that follow.

I hope that this article is of some help to you. 73

STATION BREAK

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P.O. Box 514
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NASHVILLE, TN

Hosts: Tom Bryant and Doug Smith

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To vote on the 1993 convention site, you must remove or photocopy your mailing label from this issue. Attach it to a piece of paper with the name of the site of your choice printed on it. One vote per member please, only WTFDA members may vote. Votes will be counted on December 1st, and results will be published in the January VHF-UHF DIGEST. PLEASE NOTE: No faxes, phone calls, telegrams, or postcards will be accepted.

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