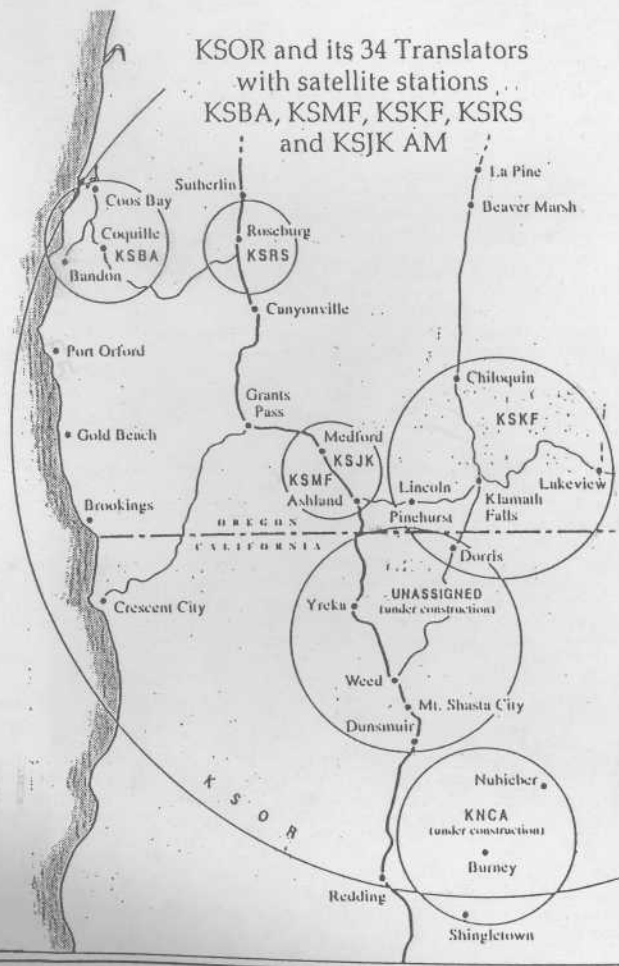


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1991

Jefferson Public Radio at a Glance



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

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first class mail

11/91
WILLIAM N NOLLMAN
35 NYE ROAD
GLASTONBURY CT 06033

SPECIAL REPORT



'91 CONFERENCE

D U N K I R K -- DONE EXCEEDINGLY WELL

Not unlike a pilgrimage of the devout to a Holy Shrine; almost three dozen diehard dx'ers headed for the hallowed hills just south of Dunkirk, NY on August 9, 10 and 11.

New arrivals converged on the Bob Seybold residence just off I-90 at the Dunkirk/Fredonia exit. The garage was set up with swap and freebie tables, a facility for dxing and viewing videotapes, and plenty of room for visiting and chowing down. Although a lot of time was spent at the house, the hilltop site was the main DX outpost.

Why is this place so special? Well, the annals of DX history are filled with reports of amazing reception from this area of Western New York, not far from the shores of Lake Erie...and this year's conventioners were about to get in on the action.

Friday's weather was cool, cloudy and drizzly; but the tent set up specially for the convention made the hill tolerable. Besides, tropo were in! On Saturday the weather improved but reception conditions deteriorated. Sunday morning, super tropo on the legendary hill netted six new U's for Bob (including a low power repeater in Springfield, IL) and scores of new catches for WTFDA members who brought gear to see how they could do on 'the hill'. No Es was noted, at least not enough to ID anything; and although Me activity produced pings well into the FM band, nothing was ID'd.

Bob's hospitality was evident at all times. Cold drinks and snacks were plentiful. At meal time there were hamburgers, hot dogs, cold cuts and all the trimmings. He's an old hand at this sort of thing, having hosted several past WTFDA meets in Dunkirk.

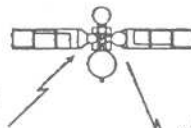
This was a 'laid-back' convention with no scheduled functions other than the business luncheon Saturday at 1 PM at the Vineyard Quality Inn. The primary thrust of the three-day event was to DX; and to hash over DX-related information. Those attending were not disappointed by either the available tropo catches, or the regulatory and technical information presented.

Dr. Bruce Elving, who contributes the monthly "FM News" column to VUD, (and also prepares and markets the monthly "FM Media" and annual "FM Atlas") spoke to the group about a number of DX related topics. He noted the importance of keeping the organization strong and growing; and emphasized that no matter how long we've been active in the hobby, we never stop learning. He also touched on the reception improvements made possible through IF filter modification; as well as other industry happenings.

Joe Gragg, professional broadcast consulting engineer and WTFDA Charter Member, brought the group up to date on FCC developments and added to the technical information already presented by Dr. Elving. An open forum followed.

CONTINUED.....
ON PAGE 43

SATELLITE NEWS



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

Hello again. This time around I will present a sort of general review of SCPC activity. SCPC is another form of audio satellite transmission that requires a special receiver. These are not the standard sub-carriers one would receive on a standard satellite receiver. They do not require a video signal to be broadcast. I have not indicated satellites which do not have any apparent SCPC signals when I did my monitoring in mid-July. I have indicated a format heard when an ID was not forthcoming after a reasonable period of time. Some of these stations never seem to ID. The number before the station is the approximate position on a Heil receiver. It would be nice to have an ICOM receiver, but I don't at this time, so exact frequencies are not possible. This list does give you (I hope) some idea of what's up there.....

Satcom C1 - 137 W - all of the following are Vertical Pol.
206 - RFD Radio Network (Illinois Farm Bureau Radio Net.)
222 - Missouri Network
223 - 97 Country WIBW Topeka, Kansas
244 - Informational Brownfield Network Stations
- close by - Instrumental Background Music
245 - Vocal Background music and close by - News feeds
392 - CBS Radio Feeds
524 - Transtar radio 2 channels - stereo
526 - Transtar radio 2 channels - stereo
717 - CNN Radio Network 736 - KNX Los Angeles, Cal.
727 - CNN Radio network 737 - Business Radio Network
739 - Transtar Radio Network - 2 channels stereo
749 - WIP - Philadelphia, Pennsylvania
Morelos 2 116.5 W - all of the following are Vertical Pol.
698 - XEAV - Radio Guadalajara
699 - Nuclear Radio Guadalajara FM
692 - Estereo Amor - Guadalajara
2 of these stations pulled the plug during the monitoring.
They may not be permanent - these are the first SCPC I have noted on Morelos 2
Morelos 1 113.5 W - all of the following are Vertical Pol.
248 - US oldies - no ID
259 - Light background US rock music
261 - Estereo Rey - Mexico City
262 - Radio central - WEJP Mexico City
269 - Energy 99 - US Rap aND POP
670 - News Station 278 - Radio Acir
277 - Red Nacional 285 0 XEWA - San Luis Potosi
ANIK D2 - 110.5 W - all Horizontal Polarity
719 - CKRW - Whitehorse, Yukon Territory
720 - CHON-FM - Whitehorse, Yukon Territory
772 - VOXM - St. Johns, Newfoundland
773 - CFWE - Edmonton, Alberta



SATELLITE NEWS

ANIK C1 - 107.3 W - all Horizontal Polarity
 412 - Eskimo Service

 G-Star 2 - 105 W. - all Horizontal
 700 - Urban Contemporary Music (I guess at these formats they are all boring and sound the same to me)
 867 - CNN Headline News Service
 ANIK D-1 - 104.5 W - all Horizontal Polarity
 655 - Talk forever and ever
 656 - CBC Central Northwest Terrs. - eskimo and Indian
 597 - CBC Radio 596 - CBC West Inuvik, NWT.
 543 - CBC same as 565
 437 - CBC Yukon 436 - CBC French
 329 - CBC same as 596
 G-Star 1 - 103 W. - Horizontal Polarity
 844 - KILA Las Vegas, Nevada (?)
 Westar 4 - 99 W. The following are Horizontal (hold on to your tight's for this list)
 121 - Family Radio - 2 channels - stereo
 122 - Voice of Free China - Taipei, Taiwan
 123 - Family RaDIO - 2 channels - stereo
 129 - Chinese programs
 130 - Chinese programs
 141 - Religious = 2 channels - stereo
 150 - KCBI - Dallas, Texas
 168 new feeds
 203 - National Public Radio
 205 - All-Hit Radio
 206 - WNTL - Indian Head, Maryland (DC suburb) Arabic in day // to AM
 209 - Public Radio - Classical Music
 210 - 2 together here - louder was Punk Rock format (really weird music and totally awesome weird kid sounding DJ's) possibly a Public Radio outlet underneath
 210 + - Very oldies music format
 211 - Public radio
 211+ - Pop music service - no ID even on the hour
 219 - Radio talking Book type of service
 220 - BBC Radio World Service
 220+ - KPRC Houston, Texas
 221 - SIS Spanish Radio News Network
 221+ - news feeds
 221+ - Georgia Network News
 221 - Greek language stuff
 222 - Background music
 223 - KLON FM Long Beach, California 224 & 226 - Public radio
 228 - Cadena Radio Centro - CRC
 234 - Texas Rangers Baseball (in progress)
 238 - Classical Music - Public Radio
 242 - Classical Music
 246 - Soldiers Satellite Network 254 - Radio Reading Service



SATELLITE NEWS

255 - ARN - Alabama Radio Network
 255+ - WHO - Fes Moines, Iowa
 256 - Kansas reading Service (obits read from Kansas)
 All of the following from Westar 4 are Vertical Polarity
 206 - Illinois Farm Network
 209 - WVAQ - Morgantown, West Virginia 2 channels - stereo
 216 - Progressive Farmer Network
 216+ - news feeds
 220 - Oklahoma News feeds
 222 - 97 Country - WIBW - Topeka, Kansas
 224 - WWL - New Orleans, Louisiana
 225 - Monitor Radio News
 251 - ABC News
 254 - Magic 99 FM - WPLZ Petersburg (Richmond) Virginia many test tones noted - many other news services which have intermittent operations - and weird test tones - like someone squeezing a rubber duckie?
 Spacenet 3 - 87 W - all Horizontal Polarity
 150 - Special News Features feeds
 488 - Religious feeds
 VCY America (religious) 2 channels - stereo (488 oops)
 490, 491, 491+, 495, 496, 497, 497+ - Music network
 Country/Middleof the Road/2 ~~Rock~~ ~~Oldies~~ ~~The Heat~~ ~~Classic Rock~~
 493 - Notes of Praise
 494 - The Touch

 K-2 - 81 W - Vertical polARity
 340 - Linder Farm Network - Minnesota
 group of music services that sounds like the bunch on G3 XPDR 11 - normal sub-carrier
 Galaxy 2 - 74 W - all Horizontal polarity
 203 - KIRO - Seattle, Washington 206 - WLW Cincinnati, Ohio
 207 - WBAL Baltimore, Maryland (occ.) 208 -USA Radio Network
 212 - 92.3 K-Rock New York, New York
 213 - WGR - Buffalo, New York
 219 - WTMJ - Milwaukee, Wisconsin
 223 - NBC? feeds 224 - WSB - Atlanta, Georgia
 225 - Sun Radio Net. 228 - WGN - Chicago, Illinois
 229 - XEPRS - Tijuana (San Diego) a 15 minute Spanish Insurance Commercial????
 236 - KWKW (tent. ID - Los Angeles, Cal. Spanish
 238 - WJR - Detroit, Michigan 238+ WWWW FM Detroit, Michigan
 240 - American Radio Network - Baltimore
 241 - KMPC - Los Angeles, Cal. 242 - Agra America Radio Net.
 243 - KSFO - San Francisco, Cal/244 - KDKA Pittsburgh, Penn.
 245 - SIS - Spanish Network/253 - KUSC - Los Angeles, Cal
 259 - KMXI - Lake Oswego/Portland, Oregon
 Satcom 2 - 72 W - Horizontal Polarity
 548 - Radio Marti/547 RaDIO Rebelde Havana (not noted lately)
 Spacenet 2 69 W - KU ONLY Horizontal
 403 - KSJO - San Jose, California
 PanAmSat - 45 W - KU ONLY - Vertical Polarity
 700 - BBC World Service
 Intelsat 34.5 West - Horizontal Polarity
 778 - tentative number - but definite - Gronslan radio Greenland
 That's all for this go-round. Additions and Corrections appreciated. See you in 30 '73's

George

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

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

SEPTEMBER 1991 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed
Well July picked up somewhat in the Es/Tr category but many DXers are still not happy with this season. Best days were July 1st, 2nd, and the 19th; on the 19th skip as short as 420 miles was IDed, plus reportedly a MUF of ch.12! In other news, Matt Sittel is going to do the TV/FM CCI column, so hold your unIDs until we get more information on that. It's good to see that column back again. Fall tropes may be upon us soon, very often September turns out to be the best month for it, so keep your eyes and ears peeled!.....

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11, Sherwood receiver, Probe 9 @ 30 feet agl, new underlined

MAY 1991 DX

21 Tr
0736 WMJQ 102.5 NY Buffalo, Magic 102.5
2137 CFCA 105.3 ON Kitchener, concert
23 Tr
0638 WMZQ 98.7 DC Washington
24 Tr
0642 WNNN 101.7 NJ Canton, g
0722 WFAS 103.9 NY White Plains, traffic
0739 WZFM 107.1 NY Briarcliff Manor, Express
(Mike, the calls are now WXP5-gc)

26 Tr
2151 WGCB 96.1 PA Red Lion, g or WSR5
28 Tr
2228 WZSH 95.1 NY S.Bristol, W-I-S-H,
Wish 95, no WRKJ heard
2240 WKPQ 105.3 NY Hornell, very strong
2246 WMXW 103.3 NY Vestal, all alone there
2250 WUFX 103.3 NY Buffalo, 103.3 The Fox
2254 WMJQ 102.5 NY Buffalo, again v.strong
2303 WBUF 92.9 NY Buffalo, "The All New
Mix 92.9", oldies
2310 WNED 94.5 NY Buffalo, c
2311 WDCX 99.5 NY Buffalo, g
2314 WJYE 96.1 NY Buffalo, "Joy 95"
2315 WKSE 98.5 NY Niagara Falls,
Kiss Concert Line
2325 WHGL 100.3 PA Canton, k
2331 WLWY 94.3 NY Elmira, 94-Rock
2344 WSGD 94.3 PA Carbondale, oldies

29 Es
1900 KBEZ 92.9 OK Tulsa, news, wx
1901 KEAY 92.9 AR Fayetteville
1915 KOLL 94.9 AR Pine Bluff "Kool 95"
1922 KWKH 94.5 LA Shreveport
1925 KLUV 98.7 TX Dallas, K-Love
1932 KAMD 97.1 AR Camden, 97 Country
(Mike, note that this is Camden, AR-gc)
1945 KHLT 94.1 AR Little Rock, K-Lite 94.1
2000 X??? 99.7 SS on this channel, Mexico
mentioned. Since the FM Atlas only lists 4 stations
in Mexico on 99.7, I would suspect Monterrey, but
I will send out a copy of the tape for someone to ID
2010 WALX 100.9 AL Selma, Laser 101
2010 WDXX 100.1 AL Selma, Dixie 100
2012 WQSM 103.1 MS Ocean Springs
2016 WCGM 102.3 MS Gulfport, Miss Coast 102

JUNE 1991 DX

5 Tr
2130 WFRS 88.9 NY Smithtown, WJMJ 88.9
off for XMTR repair, WFRS L&C

JUNE 1991 DX

8 Es
1914 WMFQ 92.9 FL Ocala, Q-Lite 92.9
1916 WFLZ 93.3 FL Tampa, Power 93,
The Power Pig ????

10 Tr
0745 WMGM 103.7 NJ Atlantic City, Sunny 103.7
(Have calls changed? (I don't think so-gc))
13 Tr
0736 WJAN 95.1 VT Sunderland, k, Country 95.1
18 super Tr: to Northeast for a change
1945 WWEM 96.7 NH Rochester, Easy Mix 96.7
1947 WQCB 106.5 ME Brewer, k
2000 WZID 95.7 NH Manchester, right
over WKSS!!!
2020 WYSS 101.5 NH Meredith, Sunny 101.5
2030 WFTN 94.1 NH Hampshire
Classic Hits
2032 CJLS 93.5 NS New Tusket, FM Atlas
says only 3,000 watts!
2055 WKZS 99.9 ME Auburn-Portland
2105 WMME 92.3 ME Augusta, r, 92 Moose
2120 WCQL 95.3 ME York Center
2137 WLNH 98.3 NH Laconia
2142 CJLS in again, "The Sound Choice"
2149 WBOQ 104.9 MA Gloucester, W-Bach FM, c
2204 CBAF14 102.3 NB Fredericton, French
Talk program, with ID at 2310
2245 WMCM 103.3 ME Rockland
2314 WCDQ 92.1 ME Sanford

19 Tr
0745 All Montreal stations super strong. CITE
107.3 alone on the frequency completely covering
WAAF. CBM 93.5 and C.JFM 95.9 excellent.
0752 WZPK 103.7 NH Berlin, Peak FM
29 Es...first time Es noted on FM this month
1253 WQLM 92.9 FL Punta Gorda, Lite 93 FM
1258 WMIE 91.5 FL Melbourne
1302 WSOR 90.9 FL Naples, Christian Rock
1350 WNOE 101.1 LA New Orleans, Country 101
1353 WEZB 97.1 LA New Orleans, B97
1355 WQUE 93.3 LA New Orleans
1357 WLTS 105.3 LA Slidell, Lite 105.3
1520 WCTQ 92.1 FL Venice, k
1533 WHVE 102.5 FL Sarasota, The Wave

30 Es
2055 WSCD 92.9 MN Duluth
2100 WRLS 92.1 WI Hayward
2123 KBRF 103.3 MN Fergus Falls
2136 WIHN 96.7 IL Bloomington
2245 KPAT 97.3 SD Sioux Falls
2353 WOW 94.1 NE Omaha
2356 KOGA 99.7 NE Ogallala High Plains

NORTHERN FM DX

SEPTEMBER 1991

MIKE BUGAJ's REPORT continues...

JULY 1991 DX

1 Es
0017 KFNE 101.1 KS Oberlin
1723 WJMI 99.7 MS Jackson
1732 KRRV 100.3 LA Alexandria
1940 WKMX 106.7 AL Enterprise
1941 WGNL 104.3 MS Greenwood
1942 WZZK 104.7 AL Birmingham
1947 WBKJ 105.1 MS Kosciusko, k, K-105
1944 WLTS 105.3 LA Slidell
1945 WACB 103.9 MS Columbus, r
1951 WJDX 96.3 MS Jackson, Mix 96
1952 WLZA 96.1 MS Eupora, Laser 96, oldies
1958 WMGW 107.5 MS Magee, Kixie 107,
have calls changed? (Now WKXI-gc)
2000 WAKH 105.7 MS McComb, K106
2016 WENN 107.7 AL Birmingham, ID w/WAGG
2021 KQXL 106.5 LA New Roads, r, Q106
2026 WDJR 96.9 AL Enterprise
2028 WAVH 96.1 AL Mobile, Oldies 96.1
"The Gulf Coast's Wave"
2029 WKJN 103.3 LA Hammond, Cajun 103
2036 WJKK 98.9 MS Town sounded like
Wurtman or Kurtsman or something close
2039 WSHK 97.7 AL Russellville, Shoals 97
2056 WCGM 102.3 MS Gulfport, Coast 102, o
2058 WOSM 103.1 MS Ocean Spring, g

JULY 1st skip continued

2058 WZRH 106.1 MS Picaune, dual ID with
New Orleans, Z106.1 (Mike, note city-gc)
2107 WBBN 95.9 MS Taylorsville, B-95
2114 WGDU 106.3 MS Pascagoula
2117 WWZQ 105.3 MS Aberdeen, baseball
2119 KMYZ 104.5 OK Pryor
2130 KLA 103.5 LA Tioga, "LA 103"

6 Es

1100 WNGS 92.1 FL W.Palm Beach
1103 WMFQ 92.9 FL Ocala, Q-Lite 92.9
1112 WEZY 94.1 FL Lakeland
1120 WHTK 99.7 SC Port Royal
1120 WWKA 92.3 FL Orlando, K92, k
1122 WWLV 94.5 FL Daytona Beach
1125 WYNF 94.9 FL Tampa, 95-YNF
1133 WQLM 92.9 FL Punta Gorda

8 Es

1313 WBKJ 105.1 MS Kosciusko
1317 WWSL 102.3 MS Philadelphia, Classic 102
1320 WIKK 98.9 MS Wickman?
1333 WLTS 105.3 LA Slidell
1400 WKSJ 94.9 AL Mobile, 95K5J
1407 WBLX 92.9 AL Mobile

12 Tr

Norfolk area in very strong
2150 WDLX 93.3 NC Washington, 93-3
hardly uses its calls

That's about it for now. Es was pretty much a bust with the season only going from June 29th to July 8th. But the trop made up for it with a new province in New Brunswick. Can anyone help me with my Mexican on 99.7?

SAUL CHERNOS - P.O. BOX 611 - ORILLIA, ONTARIO CANADA L3V 6K5

FROM BURNT RIVER, ONTARIO

FEBRUARY 1991 DX

17 Tr
1940 CBOF 90.7 ON Ottawa
1950 WMIH 94.7 NY Cape Vincent
2000 CBO 91.5 ON Ottawa
2202 WISC 91.1 NY Potsdam
17 MS
2325 WZXL 100.7 NJ Wildwood
MAY 1991 DX
20 Tr
2040 WKLQ 94.5 MI Holland, 94.5 KLQ, pr
2045 WJFM 93.7 MI Grand Rapids, 93.7 JFM
2120 CHRW 94.7 ON London
2137 WFMK 99.1 MI E.Lansing, Lite Rock 99
2145 WMUS 106.9 MI Muskegon
2225 WGNB 89.3 MI Zeeland, g "WGNR
WGNB" (Saul, note new calls-gc)
2310 WHKO 99.1 OH Dayton, "K99.1", k
2345 WKYN 97.5 PA St.Marys
2350 WXCW 102.7 ?? (Saul, this is WXCD, the
new calls for Mt.Clemens, Mich-gc)
2357 WOOD 105.7 MI Grand Rapids

21 Tr
0016 CJFT 101.1 ON Ft.Erie (new to air), m
0035 WAAL 99.1 NY Binghamton, rp
0057 WBN1 89.1 IN Ft.Wayne, c
0530 WTOF 98.1 OH Canton, g
0723 WHFS 99.1 MD Annapolis
0725 WDSO 94.7 DE Dover (new state)
28 Tr
2210 C? 91.5 PQ Val D'Or, // 90.7 French
2225 CMMN 99.1 PQ Rouyn-Noranda, r, FF

MAY 1991 DX

29 Tr
0745 WXJE 100.7 NY Henderson, (new to air)
k (Calls are WLKC-gc)
1831 WGLE 90.7 OH Lima
FROM ORILLIA, ONTARIO:
MAY 1991 DX
24 Tr
0000 CKOI 96.9 PQ Verdun, "C'est Quoi?"
disco-rap, French
0000 CKME 94.3 PQ Montreal, pr, French
0000 CITE 107.3 PQ Montreal, b, French
JUNE 1991 DX
19 Tr
2100 C... 100.3 ON Ottawa, testing
(see note #2)

20 Es
1245 WZTA 94.9 FL Miami Beach, Z95
1248 unID 99.1 FL '99 Jams, Palm Beach
Area" (Saul, WEDR Miami-gc)
1250 WCMQ 92.3 FL Hialeah, Spanish
1253 WFLC 97.3 FL Miami
1300 WEDR 99.1 FL Miami
1303 WWLV 94.5 FL Daytona Beach
1308 WCVU 94.5 FL Naples
1315 WPCV 97.5 FL Winter Haven, 97 Cntry
1322 unID 92.1 92 Kicks, k (country)
1323 WXLQ 92.1 GA Hinesville
1325 WCTQ 92.1 FL Venica, k
1340 W? 92.5 "K92 FM", k
Saul's DX continues on the next page.

NORTHERN FM DX

SEPTEMBER 1991

SAUL CHERNOS' REPORT continues...

- JULY 1 Es (from Orillia, Ontario)**
 0010 KQZ 92.7 MO Eldon, 293
 0011 KEBC 94.7 OK Oklahoma City, k
 0030 KEGG 92.1 AR Fayetteville, r, k92
 1148 WKPK 88.5 FL Sunrise
 1151 WMCU 89.7 FL Miami
 1153 WLVE 93.9 FL Miami Beach
 1209 KXLS 99.7 OK Anva
 1220 KZZD† 90.7 KS Wichita '291'
 (ex KGAM?) (Yes-gc)
 1225 KZOC 92.9 KS Osage City
 1232 KCEV 88.3 KS Wichita
 1240 KNUW 89.1 KS Wichita
 1240 WNEB 94.3 FL Lake City



- FROM TORONTO:**
MAY 1991 DX
 11 Tr
 1000 CJET 101.1 ON Ft. Erie (new to air)
 12 Tr
 2200 CKWR 98.7 ON Kitchener
 23 Tr
 1048 CROE 90.7 ON Ottawa, new to air
 1053 CBO 91.5 ON Ottawa, new to air
 1110 WMCE 88.5 PA Erie, p
JUNE 1991 DX
 7 Tr
 0850 unID 104.1, The New Q-104, rp
 (I think it is likely WQAL Cleveland-gc)
 0900 CHRW 94.7 ON London, University
 of Western Ontario
 18 Tr
 2100 CKIE 99.1 ON Toronto (see note 1)

May was excellent for tropo, until July 1, the Es season's been a downer here we'll see if it lasts. I was in Quebec June 7 to 19 so may have missed some DX (not much, hi-gc). Note #2: I suspect 100.3 noises, which sounded really weird, to be Ottawa. In Orillia, I heard a woman announce, over classical music, "This is a test. This test will be repeated in 20 seconds. Raico Communications, 100.3 Mhz Ottawa, Ontario" The loop, including music, repeated every 20 seconds, a great skip target (Update: As of July 28 they were just an open carrier, in stereo-gc) Note #1: A French community effort, low power, for a Francophone community week. Ran June 15-22 only. "C'est Qui...Radio Communautaire" Too bad I couldn't get time to go to Burnt River! Enjoy the summer and the fall tropo, 73s, Saul

BOB SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

Equipment: McIntosh MR78, Carver TX11 modified, Stereo Probe 9

JUNE 1991 DX

- 29 Es**
 1425 WRKX 96.1 FL Bonita Springs, rp, 96
 Rock
 1430 WOLZ 95.3 FL Ft. Myers, o, Oldies 95
 1433 WQLM 92.9 FL Punta Gorda, rm
 ex 92.7
 1436 WRGI 93.5 FL Naples, o
 1442 WCVU 94.5 FL Naples, b, Seaview
 1443 KSMB 94.5 LA Lafayette, r
 1445 KZMZ 96.9 LA Alexandria, r
 1449 WYNF 94.9 FL Tampa, rp
30 Es
 1200 ZFB 94.9 Bermuda, Hamilton
 m, thanks Rich Shatfan!
 1300 ZBM 89.1 Bermuda, Hamilton,
 r, heard on 89.21

JULY 1991 DX

- 1 Es**
 1710 KRIS 92.1 TX Seabrook, c
 1717 WJMG 92.1 MS Hattiesburg, r
 1725 KKBQ 92.9 TX Pasadena, r, 93Q
 1755 KLSA 90.7 LA Alexandria, NPR
 1800 WJNS 92.1 MS Yazoo City
 2000 WHMA100.5 AL Anniston, k
 ALABAMA 100
 2000 WXBW 102.7 FL Milton, k,
 2003 WJDQ 101.3 MS Meridian, r, Q101
 2005 WKRG 99.9 AL Mobile, o, Coast 100
 2017 WOKK 97.1 MS Meridian, k
 over WQHT!!!!
 2019 WIIN 98.7 MS Vicksburg, k o/WRKS!
 2022 WJAD 97.3 GA Bainbridge, r

JULY 1st E-skip continued

- 2025 WDJR 96.9 AL Enterprise, rp
 2035 WBAQ 97.9 MS Greenville, b, Paul
 Harvey news, over WSKQ!!
 2036 WFXQ 104.9 MS Iuka, Tri-States Fox, r
 2040 WJKX 102.5 MS Ellisville, k,
 Hattiesburg's Kicks 102
 2042 WFMF 102.5 LA Baton Rouge, Hot 102
 2049 WOEN 103.7 AL Gasden, r
 2050 WHER 103.7 MS Hattiesburg, k
 "The Eagle"
 2051 WKJN 103.3 LA Hammond, k
 2100 WBBN 95.9 MS Taylorsville, k
 "Pine Belt Country"
 2100 WQFX 96.7 MS Gulfport, s
 2107 WJMI 99.7 MS Jackson, s, POWER 99
 2120 KJLO 104.1 LA Monroe, k, K104
 7 Tr
 0000 unID 103.1, WRBS 95.1 translator
 not in FM Atlas, suspect Salisbury
 0003 WKJX 96.7 NC Elizabeth City,
 k, WCEI briefly off
 0100 WXR1 107.7 VA Winsdor, g
 Strong Norfolk opening early this morning
 1800 WEEA 88.9 MD Baltimore, s
19 Es
 1729 WFCL 97.3 FL Miami, r
 1733 WDDQ 92.1 GA Adel
 1852 WCTQ 92.1 FL Venice, k, proud cntry
 1856 WJIS 88.1 FL Bradenton, g
 1906 WAFG 90.3 FL Ft. Lauderdale, g
 1945 WBLX 92.9 AL Mobile, s
 2005 WQFX 96.7 MS Gulfport, s

NORTHERN FM DX

SEPTEMBER 1991

BOB SMOLAREK'S REPORT continues...

JULY 19 es continued

- 2015 WTBB 97.7 FL Bonifay, o
 2017 WPCF 100.1 FL Panama City, g
 2025 WILN 105.9 FL Panama City,
 r, Island 106
 2030 WFSY 98.5 FL Panama City,
 r, Sunny 98.5
 2039 WEBZ 99.3 FL Mexico Beach, b
 2100 WSLF 102.3 GA Cairor, Whistle 102
 2101 WHBX 96.1 FL Tallahassee, r, ex 95.9
 2110 WGLE 104.1 FL Tallahassee, rp, Gulf
 2111 unID 100.5, several mentions of city
 of Enterprise, US100 slogan, can't find in
 Atlas or VUD (Bob, 91 M Street Journal
 says this is WXUS Fort Rucker, Ala-gc)
 2114 WRBQ 104.7 FL Tampa, rs
 2115 WTRS 102.3 FL Dunnellon, k
 2119 WYGC 100.9 FL Gainesville, Gator k
 2122 WOKY 99.5 FL St. Petersburg, k
 over WBAI and WJBR!
 2123 WEEJ 100.1 FL Port Charlotte, r
 New Coast 100

July 19th es continued

- 2124 WXTB 97.9 FL Clearwater, rp, 98 Rock
 2125 WMTX 95.7 FL Clearwater, r,
 Mix, over WFLNI!
 2128 WLCL 97.7 FL Micanopy, r, Clear FM
 2130 WDUV 103.3 FL Bradenton, b
 2145 WMMZ 93.7 FL Ocala, r, Z-93
 2153 WXDJ 95.7 FL Homestead, Spanish
 2155 WLVE 93.9 FL Miami Beach, rm
 2157 WOVV 95.5 FL Fort Pierce, r
 2205 WQLM 92.9 FL Punta Gorda, rm
 2220 WWFR 91.7 FL Okeechobee, g
 FAMILY RADIO
 2230 WOKC 103.1 FL Okeechobee
20 Es
 1620 WTNT 94.9 FL Tallahassee, k
 1642 WMMK 92.1 FL Destin, k
 1648 WBLX 92.9 AL Mobile, s
 1649 WZEW 92.1 AL Fairhope, rp, 92 Zoo
 1819 WQFX 96.7 MS Gulfport, s
 1927 WGCN 102.3 MS Gulfport, r, Coast 102

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S1E0 (604) 537-5201

PDT, @ = mobile, Toyota FM stereo

JUNE 1991 DX

- 18 Es**
 2045 KMUS 101.9 WY K-Moose, k\$, "SE
 Wyoming's K-Moose"
 2048 KMGW 94.5 WY - ad, calls 926
 2055 (KGGL) 96.1 CO - k, "Eagle", wx, PSA
JULY 1991 DX
 1 Tr @ = Comox BC
 1445 KKCW 103.3 OR - Portland wx, \$ 399
 1459 KMHD 89.1 OR - NPR news, jazz 397
 1500 KGON 92.3 OR - legal ID, \$ 399
 1500 KUPL 98.5 OR - k, ID, news 399
 2 Tr @ = Campbell River, BC
 0703 KCDA 103.1 ID - sports, ad, wx
 0739 KPBX 91.1 WA - Morning Edition
 0743 KXLY 99.9 WA - EZ100\$
 3 Tr @ = Denman Island, BC
 0836 KPNW 99.1 OR, calls, ad, AC music
 0859 KLCC 89.7 OR, legal ID, NPR news
 0900 KWAX 91.1 OR, ID, concert listings

JULY 3 Tr @ = Campbell River, BC

- 2231 KLCC 89.7 promos, ID\$, strong
 2247 KMGR 94.5 soft rock, ID, ad
 7 Tr @ = Nanaimo, BC
 0800 CBYR 105.1 BC // AM 690 mono, CBC rx
 0805 CBYT 104.5 BC // 105.1 & 690
 8 Tr
 2205 KPQ 102.1 WA Q102, soft rock 187
 2230 K212AD 90.3 WA, KFAE ID, jazz
 11 Tr
 0714 KFFM 107.3 WA K-Double-FM, \$ 213
 0725 KFAE 89.1 WA, Morning Edition, \$ 279
14 MS
 0912 CHSN 102.1 SK (new province) *...picnic
 this coming weekend at Diefenbaker Park on the
 South Side of the river, and Sun 102 will be...*

**FM JAPAN
81.3 FM**

Tropo up Vancouver Island was good. I was disappointed that northern BC never showed. Alaska still eludes me! Either tropo or Es, I'll take it any way I can get it! I'll be back up the main island early in August so will be tropo hunting then. Sporadic-E on FM has been almost non-existent this year - the poorest on record of 18 years of FM DXing (A lot of DXers have been saying that; it is the worst of my 6 years DXing too-gc). Correcting mistake in my last report, CKIK 107.3 Calgary is still p not k. Auroral strength and MUFs not enough for FM DX. Perhaps the DX gods smiled on some of you this summer. Hope convention '91 was a blast! 73s, Mike VE7SKA

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

MAY 1991 (distance is miles)

- 20 Es**
 1405 WRWA 88.7 AL Dothan 1200
 1927 WMAU 88.9 MS Bude 1372
 1954 WTYX 94.7 MS Jackson 1305
20 Tr
 2015 WTOS 105.1 ME Skowhegan 195

JUNE 1991

- 2 Tr**
 0930 WRVO 89.9 NY Oswego 209
 to WZSH 95.1 NY S.Bristol 261
 1000 WRMM 101.3 NY Rochester 261
17 Es
 2307 WOFX 94.9 OH Farifield 727
18 Es
 1800 WCTQ 92.1 FL Venice 1382

I hope you're having a great summer!

Soixante-Treize (73), Charles

NORTHERN FM DX

SEPTEMBER 1991

ROBERTS, ROSS (VE3JFC) - BOX 1003 STN B - LONDON, ONTARIO CANADA N6A 5K1

Equipment Marante 2226B receiver, FM beam antenna

JUNE 1991 DX

- 27 Tr
- 2357 WIAA 88.7 MI Interlochen, classical mx pgm "Mx Through the Night", ID WIAA/WIZY
- 28 Tr
- 0056 WJPD 92.3 MI Ishpeming, c/w mx, ID with Marquette, NBC news
- 29 Es
- 1408 WJIS 88.1 FL Bradenton, gospel mx, ID
- 1418 WGSB 89.5 FL Mayo, "Finest Southern Gospel Radio - WGSB Radio 89.5 FM"
- 1500 WGNP 90.7 GA Albany, "It's 95" in South Georgia at WAFT 101.1 Valdosta, and WGNP 90.7 in Albany, gospel music
- 1503 WFSU 91.5 FL Tallahassee, time check, wx
- JULY 1991 DX**
- 1 Es
- 1015 KMSI 88.1 OK Moore, "Oasis Network", rigs programs, gospel talk pgm, called them to confirm
- 1145 KNGM 91.9 KS Emporia, Time Check, local sponsors in Emporia, "Kingdom 92"
- 1159 KRPS 89.9 KS Pittsburg, legal ID, pgm spot
- 1218 KHCD 89.5 KS Seina, ID as "KHCC & KHCD We're Radio Kansas", into classical music
- 1223 KANZ 91.1 KS Garden City, local items
- 1241 WOLZ 95.3 FL Ft. Myers, local Ft. Myers ads ID as "WOLZ Oldies 95", contest promo
- 1225 KHLT 94.1 AR Little Rock, local ads
- 1323 KYTT 91.7 TX Dallas, gospel talk program, ment of Dallas church "Light of the World-KVTT"
- 1941 WCHY 94.1 GA Savannah, "All Nite Show on WCH", contest promo, c/w mx
- 1949 WYVS 90.1 GA Waycross, "Peach State Pub. Radio", upcoming pgms, local ments
- 2059 WMGF 107.7 FL Mt. Dora, Magic After Dark 2118(WXTB) 97.9 FL Clearwater, lcl spot, ex WKRL
- 2129 KYYK 98.3 TX Palestine, lcl ad, ID as "98.3 KYYK - East Texas", c/w mx
- 2140 KTMJ 104.1 TX Tyler, Magic 104, local ads

- 2 Es
- 1231 KBEM 88.5 MN Minneapolis, STATE #34, 2150 watts. wx report for various Minn Cities, news
- 1229 KCRB 88.5 MN Bemidji, sponsor in Cass Cty "Minn. Public Radio KCRB 88.5 Bemidji G Rapids"
- 1234 KSRQ 90.1 MN Thief River Falls, c/w mx OM DJ with weather report, 57 temp, 3 kw
- 1249 KMSR 94.3 MN Sauk Centre, "Magnet Radio" "Minn. Agriculture Radio", called to confirm, 3 kw
- 1250 CHIO 94.7 MB Winnipeg, PROVINCE #7, "Q-94 FM Winnipeg", CDT time check, ads
- 19 Es
- 1836 WOZN 98.7 FL Key West, "WOZN Classic Rock", DJ "Dano", ads ment US Hwy 1
- 1858 WEAT 104.3 FL W Palm Beach, S. Fla wx, spots
- 1906 WRTQ 98.3 FL Goulds, SS talk, SS jingles, ments of Miami and Homestead, "Radio El Sol" into lively Spanish mx, 1550 watts!
- 1852 WKLG 102.1 FL Rock Harbor, ads, c/w mx, "Serving South Florida, K-Country 102.1 FM"
- 1923 WWRM 107.3 FL St. Petersburg, local ads "Tampa's Warm 107 FM", soft rock
- 2000 WSRZ 106.3 FL Sarasota, Oldies 106, all Oldies all the time for the Suncoast
- 2004 WTUF 106.3 GA Boston, calls, ads, w/WSRZ
- 2009 WFLZ 93.3 FL Tampa, "power 93 the power pig", Florida Lottery spot, rock mx
- 2020 WOYK 99.5 FL St. Petersburg, country concert spot, calls, also ID as "K99", c/w mx
- 2033 WXXL 106.7 FL Leesburg, XL 106.7, funky mx
- 2050 WHYI 100.7 FL Ft. Lauderdale, "Friday Night Fever on WHYI, into disco-Bee Gees mx, Y100

This was an extremely intense Es opening. MUF was up to 150 Mhz at least. Worked Florida stations on 2 mhz, FM 146.55 Mhz simplex!!



HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

Equipment GE Superadio, Jerold 9 element in attic, Radio "at-set" amp

JULY 1991 DX

- 1 Es
- 1934 WEZB 97.1 LA New Orleans
- 1945 WQNZ 95.1 MS Natchez, Country 95.1
- 2000 WFFM 105.7 GA Ashburn, "memories"
- 2025 KJIB 105.5 LA Eunice, oldies
- 2035 WYTM 105.5 TN Fayetteville, ID a mention of Lincoln County
- 2054 WLTS 105.3 LA Slidell
- 2102 WKSM 99.5 FL Ft. Walton Bch, Kiss
- 2105 WKNN 99.1 MS Pascagoula, K-99
- 2018 KBXR 97.3 OK Weatherford, oldies
- 2115 WFFX 95.7 AL Tuscaloosa, The Fox
- 2125 KQMY 104.5 TX Orange
- 2150 KZMZ 96.9 LA Alexandria, Power 96.9, rr, no calls heard
- 5 Tr
- 2155 WKNE 103.7 NH Keene, "KNE FM"
- 2345 WVOS 95.9 NY Liberty, good after WBNE nightly 2400 signoff
- 6 Tr
- 0015 WYNY 103.5 NY New York, c/w
- 0048 WMRF 95.9 PA Lewiston, jx and rr

- JULY 6th Es And Tr**
- 1329 KKJQ 97.3 KS Garden City, soft rr
- 2210 WKMZ 97.5 WV Martinsburg, rr, KMZ
- 2235 WXYC 103.7 MD Havre de Grace, c/w. "Extra 103.7"
- 19 Es
- 2008 WKSJ 94.9 AL Mobile
- 2015 WAVH 96.1 AL Mobile
- 2020 WABB 97.5 AL Mobile
- 2025 WDJR 96.9 AL Enterprise, prog rr
- 2038 WGLF 104.1 FL Tallahassee, prog rr
- 2040 WPFM 107.9 FL Panama City, new rr
- 2042 WERZ 99.3 FL Mexico Beach, strong with soft rock
- 2050 WFFM 105.7 GA Ashburn
- 2105 WPCV 97.5 FL Winter Haven
- 2115 WDIZ 100.3 FL Orlando, weak
- 2120 WWRM 107.3 FL St. Petersburg Warm
- 2129 WOCL 105.9 FL DeLand, Cool 105.9
- 2132 WDUV 103.3 FL Bradenton, one of the Easy Listening dinosaurs
- 2148 WINK 96.9 FL Ft. Myers, new WINK
- 2150 WYNF 94.9 FL Tampa

NORTHERN FM DX

SEPTEMBER 1991

HARRY HAYES REPORT continues..

JULY 1991 DX

- 19 Tr
- 2350 WASH 97.1 DC Washington
- 20 Es
- 1746 KQUS 97.5 AR Hot Springs
- 1748 KEGL 97.1 TX FtWorth, best new mix
- 1807 WJMI 99.7 MS Jackson
- 1810 WKSM 99.5 FL Ft. Walton Beach

JULY 20 Es cont.

- 1813 WDJR 96.9 AL Enterprise
- 1823 WAVH 96.1 AL Mobile
- 1824 WABB 97.5 AL Mobile
- 1901 KCB1 90.9 TX Dallas
- 26 Tr
- 2353 WKYN 97.5 PA St. Marys, top 40 and movie schedules

July didn't turn out too badly as far as FM E-skip is concerned but there was a shortage overall E-skip. In other words it seemed that what Es there was this moth had skip info FM. A hot dry month resulted in a shortage of real tropo DX. As far as some of my new semi locals are concerned I note that the new 99.7 in Mt.Carmel, PA which puts in a respectable signal here, gets hammered by the e-skip, especially by WJMI when it comes in. WYMK-107.7 Tunkhannock, PA at 30 miles distant is quite good here but was inaudible when WPFM 107.9 FL boomed in on the 7/19 opening. This general area of the state is slated to get a "whole slew" of new FM stations, most of them on choice frequencies here, personally I hope none of them ever come on. Who is going to listen to all those stations anyway. The band already sounds like New York City when you tune across it. I'm especially hoping that the Mountaintop 97.1 does not materialize. This is owned by a local family that already has too much money and would just be another profit vehicle for them. Enough already, here's hoping for a good tropo August.

COLUMN NOTES: The policy concerning log cutoff has been changed slightly. Some members pointed out that it is not worth it to send in a report with only a few loggings. So the new rule is this: The log cutoff will still be 2 months from when you mailed it in, but up to 6 loggings before that date will be allowed. So, if you mail me a report on Sept. 1st, everything since July 1st will be eligible, plus 6 loggings before that. Also, Mark Strickert has put together a publication called "Radio Central". It covers AM/FM/TV in the North Central US, roughly from Davenport to Erie and Duluth to Paducah, Ky. It has plenty of information such as station addresses, specific information on music and programming. It is \$3.50. For more information write Mark: 3852 N. Oconto, Chicago, Illinois 60634.

STATION NEWS: KSNK 106.9 Deingerfield, TX is on the air with oldies, also on is KTXK 103.5 New Boston, TX, Unistar Country "Kicks 103.5". 95.9 KLLI Hooks, Tex. is now "Oldies 96", KPYN 99.3 Atlanta, Tex is now "Capon 99.3 FM", ans KHSP 103.9 Ashdown, Ark, is "Spirit 103.9". In the Madison area, WMMN 105.5 is on with "adult rock and roll". In August, WYYS 96.7 Cayce-Columbia, SC was rumored to have gone country. WKHZ. WXUS 100.5 Fort Rucker, Ala. is on the air, country. "US100"; many have reported that this season. In the Milwaukee area, 100.7 is now WKKV and "urban a/c". KODJ-FM 93.1 in Los Angeles is now KCBS-FM, but no format change, still oldies, WRGJ 93.5 Naples, Fla. is now oldies, "G-93". Dallas-Fort Worth gets a "rock adult contemporary" station as KMEZ 107.5 becomes KCDU, "CD 107.5", WJQJ 102.5 Buffalo is now a/c, though rather upbeat. WNNR 103.5 Sodas (Rochester rim shot) is on the air with rock music. So far they have a very poor signal. In Richmond, 106.1 has gone to an adult rock/classic rock type format (thanks Matt Sittel).



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

Equipment - Two McIntosh MR-7 tuners feeding separate amps/tape decks, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

JULY 1991		19 Tr			
1 Es		0200 WCID	89.1 NY Friendship, ID, g	221	
1700 KQKI	95.3 LA Bayou Vista, ID	19 Es			
1700 WLUN	95.3 MS Lumberton, ID w/WIGG-1420	1740 WTNT	94.9 FL Tallahassee, traffic report, ads, call, k	892	
1712 KIKK	95.7 TX Houston, call, k	1949 WKSJ	94.9 MS Mobile, "KSJ", k	1025	
1728 KJNA	99.3 LA Jena, ID, k	1957 WKGK	90.7 FL Panama City, ID, o/Local WFUV	958	
1730 KLSA	90.7 LA Alexandria, NPR, legal ID, o/local WFUV	2009 CWQFX	96.7 MS Gulfport, ads, "Foxy 96" r (or u), ex: WGUW	1085	
1753 WJNS	92.1 MS Yazoo City, call	2015 WRJM	93.5 AL Geneva, call, ads, b	919	
1919 WJXN	92.9 MS Utica, ID w/WJNS, WOBT ad, MS Gospel Net promo	2022 ????	94.3 "Key 94". Who?		
1926 WMBC	103.1 MS Columbus, ad, k, "Kickin' 103"	2023 WEBZ	99.3 FL Mexico Beach, call	960	
1942 WKXM	105.9 AL Winfield, call + NW AL's New Gold 106 FM, o/local WNNK	2037 WYZB	105.5 FL Mary Esther, ads, o "Kool 105"	982	
1954 KQXL	106.5 LA New Roads, legal ID, u	2041 WKSM	99.5 FL Ft. Walton Beach, r, "Power 99.5/Kiss FM", ex: 99.3, o/local WBAI	981	
2014 WACR	103.9 MS Columbus, ID, r (u?)	2044 WTBB	97.7 FL Bonifay, call, k	929	
2021 WGCM	102.3 MS Gulfport, o "MS's Coast 103"	2057 WDDQ	92.1 GA Adel, continuous ads, "Information Radio"		
2028 WWUN	101.7 MS Clarksdale, call + "Christian radio", ads	2101 WNFB	94.3 FL Lake City, legal ID	854	
2045 WFFF	96.7 MS Columbia, ads, SID, o	2105 WPCF	100.1 FL Panama City Beach, call + "FM-100", "Christian Radio"	962	
2046 KTDY	99.9 LA Lafayette, ID, r	2140 WNLE	91.7 FL Fernandina Beach, ID, g	790	
2105 MBAQ	97.9 MS Greenville, ID, b, o/local WSKR	2200 WWFR	91.7 FL Okeechobee, legal ID, Family Radio	990	
2115 KCTO	103.1 LA Columbia, ID, o	2205 WAFG	90.3 FL Ft. Lauderdale, ID after news	1051	
2129 KBXR	97.3 OK Weatherford, ID, r	20 Es			
2 Es		1642 WBLX	92.9 AL Mobile, calls, ads, u	1025	
1102 KAXE	91.7 MN Grand Rapids, ID, asking for \$\$\$	1656 WEGS	91.7 FL Milton, PSA	988	
1103 KDVL	102.5 ND Devils Lake, ID, wx Heard many years ago as KDLR-96.7	1700 WLUN	95.3 MS Lumberton, ID	1071	
1105 KXPO	100.8 ND Grafton, ID, wx	22 Tr			
1115 KBRX	102.9 NE O'Neil, promo, call, Heard on 92.7 back in '80	0250 WERX	102.7 VT Manchester, call, r, local WNEW off.	189	
1117 KKBKJ	103.7 MN Bemidji, ads, r, "Classic Hits"	0302 WCIH	90.3 NY Elmira, ID, g	162	
1124 KKDR	99.3 MN Thief River Falls, call, light r	0317 CWYOS	92.1 PA Nanticoke, o, promo w/call, "Oldies 92 FM", ex: WMJW/WEAY	93	
1134 KQHT	96.1 MN Crookston, r, ads "Magic 96"	22 Es			
1140 KVLK	95.7 ND Langdon, local items, wx, "KV-96"	1735 KOLV	101.7 MN Olivia, call, ads, Corn Capitol Days promo	1080	
1146 KVOX	99.9 MN Morehead, ads, "K-100"	1737 KEEY	102.1 MN Minneapolis, "K-102"	998	
1148 CHZZ	103.1 MB Winnipeg, ads, "Zed-103" ex: CKWG	1745 KKCK	99.7 MN Marshall, call, r	1120	
1151 CJKR	97.5 MB Winnipeg, ads, r "97.5 FM"	1752 KQAA	94.9 SD Aberdeen, call + "Kool 95", ads, o	1262	
1155 KMFY	96.9 MN Grand Rapids, "96.9 FM KMFY", ex: KNNS	1800 KLUWS	91.3 WI Superior, ID, 91 Jazz St. promo, ex: WSSU	981	
1200 CBQQ	90.5 ON Ft. Francis, beginning CBC News	31 Es			
1201 KQMN	91.5 MN Thief River Falls, MPR, local ID, o/local WNYE	1811 WMFC	99.3 AL Monroeville, AL nx, ads, "99 Country"		
		1817 CWZBA	104.9 MS Moss Point, call + "Bay Country", ex: WCIS	1058	
		1823 WZEW	92.1 AL Fairhope, r, "92 Zoo", "Mobile's New Music Source"	1023	

73, Joe

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

Equipment: JVC IRS201 receiver (mod w/3 150 filters), MAGNUM DYNALAB 205 signal sleuth. PROBE 9 fed with RG6 at 50' AGL, crown rotor, distances are in Kilometres

JUNE 1991 DX		July 21 Tr			
0720 WRED	95.7 OH Gibsonburg, k, Toledo traffic (Bruce, actually the calls remain WRED; WTOD-1560 is leasing them, WRED calls are supposedly still used at the top of the hour-gc)	0743 WACZ	93.9 NY Dansville, r, wx, "back to some music here on WDNV, WACZ Light 94", new non ID	195	
JULY 1991 DX		22 MS			
0745 WNBZ	104.5 PA Wellsboro, r, B104, Bangles Under CHUM 104.5 80 km away at 40 kw	0728 WXID	94.7 KY Mayfield, k, D94	1012	
18 TrS		25 Tr			
0733 WRCT	88.3 PA Pittsburgh, pj, This is ----- Pittsburgh at 88.3 on your FM dial	0651 WEEL	95.7 OH Shadyside, o, tc	365	
0756 WMRT	88.3 OH Marietta-Parkersburg, cr, tc "65 degrees on the Mareitta campus"	26 Tr/TrS			
		0702 WJOI	97.1 MI Detroit, b, Joy 97, legal ID, David Soul mx, "Don't Give Up on Us", 0800 WFGY 98.1 PA Altoona-Johnstown-State College. "The best in Country music, Froggy 98", DJ was FROGMAN, under CHFI-FM	336	

Completely missed all E-skip so far this season other than sporadic TV activity. After one phone call and two letters (SASE) finally received my QSL from KQYN 95.7 Twentynine Palms, CA. Well sort of. The envelope from CA was empty!!! Is that my answer or what? Also received a letter from Ayodele O. Adewakun coordinator/president of Voice of America N00627 Nigeria, Africa. Lately their club has been involved in FM-TV DXing. He is interested in meeting and exchanging ideas with DXers on his trip to Canada & USA mid-September 1991. 73, db

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

Equipment: Receiver-Carver TX11a modified with five 150 khz filters. Antenna: Two CM Stereo Probe 9's horizontally stacked at 35' AGL, CAC-11 75 ohm coax, home brew tuneable band pass filter, Underlined new to log (with stereo)

JULY 1991 DX		JULY 19 Es cont.			
3 Tr		2048 WUSA	100.7 FL Tampa, W101, r	1108	
1931 CIRV	88.7 ON Toronto, ID International Radio (WBFO nulled) 167	2107 WAKS	103.7 FL Cape Coral, Kiss 103.7	11922113	
13 Au		WFIT	89.5 FL Melbourne, r, ID	1070	
1746 CJBX	92.7 ON London, WYUT is still of the air	2122 WCKT	107.1 FL Lehigh Acres, Singing ID, strong!	1184	
13 GW		2126 WAOA	107.1 FL Melbourne, 107 A1A, r, lci ads, strong!	1070	
2313 WNNR	103.5 NY Sodus, r, new	2139 ---	104.5 BAHAMAS Nassau - with hum in audio with promo for Paradise travel (WNBT nulled to SSE), talk show: Goldengate Assembly, Ambassador Hotel, Banana Boat, local ads, then at 2200 ID as Bahamas Radio Networkl WX ck at 2209 then continuing talk show - Telephone # 55403 - New Political unit, country #3. Bahamas was heard 2139-2228, over 45 minutes!	1249	
18 Es: FL briefly 1842, no IDs		20 Es to GA 1629-1635			
19 Es: FL/Bahamas 1728-2228, MUF 108		1629 WIXV	95.5 GA Savannah, 195 FM 811		
1728 WEEJ	100.1 FL Ft. Charlotte, r	27 Es in briefy at 2101-2110, no IDs			
1732 WQLM	92.9 FL Punta Gorda, Lite 93 FM				
1840 WOVV	95.5 FL Ft. Pierce, SID				
1856 WYFO	91.9 FL Lakeland, gr, ID				
1900 WSCF	91.9 FL Vero Beach, FM92				
1917 WAYJ	88.7 FL Ft. Myers, Way-FM				
2013 WPCF	100.1 FL Panama City, gr				
2023 WILN	105.9 FL Panama City, ID, r, Island 106				

Totals at 1573. July DX ended on unusual note with Bahamas Es. This should be easy to log if 104.5 is open. I'm hoping someone will write up an article in the VUD on antenna phasers. Is it possible to build a simple passive tuneable phase shifter circuit box with 2 antenna coax input and 1 coax output to the rx? 73-Fred



**TIME IS RUNNING OUT!
REPORT YOUR DX
TODAY!**



DAVE NIEMAN - HO-STA-GEH RD. - ROCK CITY, NY

All are new to Rock City log.

Fisher FM-226 tuner used.

JULY 1991 DX

3 tropo, groundwave & scatter

1624 WQED	89.3 PA Pittsburgh, ID, c\$	136
1724 CHEZ	106.1 ON Ottawa, "chez-FM", rp\$	272
1745 WBRN	100.1 PA Bradford, "cool-100", r\$	9
1800 WRRN	92.3 PA Warren, ID, b\$	35
1800 CJRT	91.1 ON Toronto, ID, c\$	126
1801 WGT5	91.9 MD Takoma Park, ID, c\$	223

Lots of RF imaging with this digital tuner. Not of much use for DXing.

Denon TU-720 tuner modified with (1) 150kHz & (1) 180kHz IF filter used this time down.

14 tropo & scatter

1027 WSRD	104.9 NY Johnstown, call, o\$	215
boosted "double the power" must be running 6kW		
1103 WLQR	101.5 OH Toledo, call, mr\$	258
1112 WXHC	101.5 NY Homer, call, rm\$	131
1125 WJOT	101.1 OH Youngstown, call, r\$	134
1135 WJLB	97.9 MI Detroit, call, o\$	240
1137 WXTA	97.9 PA Edinboro, call, k\$	84
1140 WKWK	97.3 WV Wheeling, call, rm\$	179
1145 WCMF	96.5 NY Rochester, call, rp\$	94
1158 WKQS	96.5 PA Johnstown, "KISS-FM", o\$	122
1200 WPEL	96.5 PA Montrose, ID, g\$	130
1500 WKDN	106.9 NJ Camden, ID, g\$	232
1537 WBJC	101.3 WV Buckhannon, call, k\$	227
1548 WGRX	100.7 MD Westminster, "100-GRX", r\$	191
1700 WHGL	100.3 PA Canton, ID, k\$	89
1738 WJOI	97.1 MI Detroit, "JOY-97", b\$	240
1802 WGMW	97.7 NY Big Flats, ID, o\$	84
1853 WAMO	105.9 PA Pittsburgh, "HOT-106", s\$	136
1904 WFGX	99.3 VA Front Royal, ID, \$	216
1908 WHCM	99.1 WV Parkersburg, "Country-99", k\$	248

The Denon isn't too bad; adding another 150kHz filter should improve selectivity.

DAVE NIEMAN - 12284 NICE ROAD - AKRON NY 14001

Equipment: Unchanged. New to log are underlined.

JUNE 1991 DX

27 tropo

2029 WYTN	91.7 OH Youngstown, ID, g\$	170
2245 WKPK	106.7 MI Gaylord, call, r\$	341
2315 WUIS	99.7 WI Black River Falls, ID, r\$	622
2345 WHLA	90.3 WI LaCrosse, "Wisconsin Public Radio" t mono	646
2400 WGNV	88.5 WI Milladore, ID, g\$	576

28 tropo

0031 WIZM	93.3 WI LaCrosse, "Z-93", rp\$	646
0042 WMYX	99.1 WI Milwaukee, call, r\$	473
0100 WMLU	104.9 WI Stevens Point, "Magic-105" +call, s/off, r\$	561

29 E-skip

1425 WBEZ	99.3 FL Mexico Beach, "Easy-99.3" +call, m\$	983
2011 KXLS	99.7 OK Alva, call, r\$	1144

30 E-skip

1236 KSEC	93.3 CO Lamar, "KC-93" r\$	1300
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JULY 1991 DX

1 E-skip

2000 WTMJ	93.1 FL Miami, call, c\$	1202
2008 WHTK	99.7 SC Port Royal, call, r\$	747

22 tropo & scatter

1000 WKAR	90.5 MI East Lansing, ID, c\$	309
1003 CHIN	100.7 ON Toronto, call, e\$	126
1055 CBL	94.1 ON Toronto, CBC \$, c\$	126
1100 WJGN	99.7 MI Midland, ID, g\$	313
1104 WGGG	99.7 OH Columbus, call, r\$	276
1200 WSKG	89.3 NY Binghamton, ID, c\$	140
1211 WQLN	91.3 PA Erie, call, t\$	81
1259 WRVN	91.9 NY Utica, call, nx\$	171
1300 WCNV	91.3 NY Syracuse, call, c\$	134
1301 WJNY	90.9 NY Watertown, ID, c\$	183
1308 WJNY	89.5 NY Utica, WCNV call, c\$	171
1509 WGBI	101.3 PA Scranton, "Bright-101.3" +call, r\$	146
1513 CIQM	103.1 ON London, "Q-103", mr\$	156
1519 WIGMS	103.5 DC Washington, call, c\$	227
1540 WCSX	105.9 VA Woodbridge, call, op\$	244
1557 WLTW	106.7 NY New York, call, mr\$	251
1603 WETA	90.9 DC Washington, call, c\$	227

27 tropo & scatter

Carver TX-11 IF modified & Antennacraft FM-10

0900 CIRV	88.7 ON Toronto, ID, e\$	126
0918 WRDR	104.9 NJ Egg Harbor City, call, m\$	266
1007 WNNR	103.5 NY Sodus, call, op\$	116
1020 WRFI	101.1 MI Detroit, call, rp\$	240
1100 WKGB	92.5 PA Susquehanna, ID, rp\$	156
1104 WYTN	91.7 OH Youngstown, Family Radio g\$,	134
1112 WGRG	91.3 PA Lewisburg, call, \$	108
1213 WHTD	103.9 PA Muncy, "HOT", r\$	104
1218 WSSZ	107.1 PA Greensburg, "Z-107", r\$	132
1220 WSAQ	107.1 MI Port Huron, "Q-Country-107.1" call, k\$	209
1259 WECQ	101.7 NY Geneva, "CQ-102", mr\$	101
1300 W GMC	90.1 NY Greece, ID, \$	97

continued next month....

1 E-skip continued

2013 WPCV	97.5 FL Winter Haven, "97 Country" +call, k\$	1052
2015 WIRK	107.9 FL W. Palm Bch., call, k\$	1134
2017 WYQC	104.9 FL High Springs, call, o\$	942
2029 WCLK	91.9 GA Atlanta, call, j\$	709
2045 WTVY	95.5 AL Dothan, call, k\$	921
2052 WTLF	106.3 GA Boston, call, o\$	898
2110 WAYS	99.1 GA Macon, "99-ways", r\$	768
2129 KLAQ	97.5 TX Durant, "K-LAK", rm\$	1154
2204 KEOM	88.3 TX Mesquite, call, r\$	1214

2 tropo

0758 WJVA	89.7 NY Jamestown, call, c\$ testing//WJED-FM	73
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4 troposcatter

1033 WCHX	105.5 PA Lewistown, call, o\$	175
1100 WMGH	105.5 PA Tamaqua, call, o\$	194

15 tropo & E-skip

0935 WXHC	101.5 NY Homer-Cortland, ID, rm\$	114
1950 (KMKK)	93.9 SD Rapid City, call, r\$, ex-KKLS	1235
2324 WBJC	88.3 OH Berea, call, r\$	207

continued next month....

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

Equipment JVC Auto radio

JULY 1991 DX

2 Es (MUF: 103.5 Mhz. 1020-1332)

1245 KDSU	91.9 ND Fargo, jazz, EBS test	
1245 KCRBt	88.5 MN Bemidji, news with anncr Bob Potter of MPR's "Sound Money" unID	
1300 unID	91.1 St. Paul or Moorehead (MPR affil)	
1300 unID	101.9 Lite rock, Fargo? (KFGO is lite rock, "Magic 102" slogan-gc)	
1304 KBEM	88.5 MN Minneapolis, nx, then jazz	
1310 WUNY	89.5 NY Utica, central NY wx, never anything but CIUT here, strange to finally get it during E-skip!	
1328 KOSD	91.9 SD Lowry, classical mx then series of translator IDs for SD Public Radio	
4 GW/Tr (took car up to Lake Ontario Shore)		
0004 CBO	91.5 ON Ottawa, CBC nx, then clas. (WXXI now off 0000-0600 daily because of budget problems: AM and TV schedule also reduced)	
0015 WRVJ	91.7 NY Watertown, with WRVO/WRVN/WRVJ s/off, to be back at 0500.	
0021 WICB	91.7 NY Ithaca, alternative rock	
0051 CIXK	106.5 ON Owen Sound, eclectic mx mix	
0105 unID	88.7 deep fade under WBFO, Spanish vocals, CIRV?? (Good possibility-gc)	
0215 unID	91.9 someone with test one-CBF? (though 690 had music)	
0235 WHLM	106.5 PA Bloomsburg, Mix 106 uWYRK	
0300 WVIA	89.9 PA Scranton-Wilkes Barre-Hazleton, classical music over WFBF	
0315 CROFZ	88.7 PQ Chapeau, // 90.7, over WBFO	

5 Tr

0024 WQLN	91.3 PA Erie, announcmnt, 0030 s /off	
1539 CKLN	88.1 ON Toronto, weak with reggae and rap (WFRW off, 20 minutes before this I was laying in a golfcourse fairway ducking lightning bolts so maybe WFRW got zapped?)	

7 Tr-Trs

1258 WOSU	88.9 PA Selingsgrove, tuned into sign on announcement next 12,000 & Susquehanna U.	
1313 WWWW	106.7 MI Detroit, W-4 ID, country	
1321 WNWV	107.3 OH Elyria, jazz, Kool FM IDs	
WDBA	107.3 PA DuBois, with self-described fundamentalist preacher	
1330 WAMO	105.9 PA Pittsburgh, "We put our music where our mouth is", and ID	
1353 unID	91.9 spurts of Garrison Keilor show	
1404 WCTL	106.3 PA Union City, USA news ID, Focus on the Family show	

12 Tr-Trs

1448 WSNE	93.3 MA Taunton, Sunny 93 ID, burped in o/WWSE. They're the only Sunny 93 listed in the FM Atlas. (When I called them back in March to confirm a suspected Auroral logging of them, they said that they had switched to "Mix 93.3" but maybe they have switched back. Does anyone know?-gc)	
1635 WCSX	94.7 MI Birmingham, "CSX" ID and another "classic rock block"	
1640 WNWV	107.3 OH Elyria	
1347 WJCHt	91.9 IL Joliet, scatter with Harold Carling of Family Radio // WFRW 88.1 (only network outlet on 91.9 according to 1991 Broadcasting Yearbook) (Jim, they did come in here that evening, along with some other IL-WI stations-gc)	
1348 WTNY	93.5 NY Watertown, strong fades of T-93 and rock over unusually weak CBC	

JULY 16th continued

1457 WNNR	103.5 NY Sodus **, poor, but tearing up CIDC with "The New Mix" IDs, testing (some dead air) Next day says 3800 watts, 3200 Bear Swamp Rd, Williamson-Sodus-ROCHESTER "rim-shot" IDs (not good at all on east side where I live), formal sign on 7/19. Promises Stones, Genesis, Police (They have a horrible signal, at least so far. They are practically non-existent in Clarence as only 65 miles! Pointed right at them I have only heard them once, too much interference from CIDC and WSHQ1-gc)	
18 Tr-Es (MUF: 106.7, 1804-1854)		
1250 WBRG	93.3 OH Youngstown, with oldies and ID under WWSE (finally!)	
1804 unID	91.9 "Really good stuff on C-92" KTCC?	
1827 KNEN	94.7 NE Norfolk, "#1 fun station KNEN" in for 45 min, rock unID 106.7 was fading with KNEN, possibly KEKL, (Rock)	
1846 KTCC	91.9 KS Colby, T-92, Colby Street Address, furthest Es I think for me	
Strange Es, no sign of it on 87.7 (Ch 6), and not evident on many open frequencies. Thought I had weird tropo.		
19 Es (MUF: 107.9, 1651-1755)		
1451 unID	107.3, UNID station testing with poorly modulated country-western music, no announcements, suddenly of 1513. WFUD Honeoye Falls, NY?	
1600 WFRW	88.1 off again, so I drove up to Lake Ontario and locked out with Es beginning! (Nothing noted on TV channel 2 at 1630)	
1651 WAYJ	88.7 FL Ft. Myers, USA nes, ID	
1659 WMNF	88.5 FL Tampa, local calendar anncr	
1700 WLPT	88.3 GA Jesup, with ID	
1705 WFCE	88.9 FL Tarpon Springs, WYFO	
1707 WJIS	88.1 FL Bradenton, AP sports, ID	
1709 WXXL	106.7 FL Leesburg, local ads, ID, "XL"	
1710 WAXY	105.9 FL Ft. Lauderdale, local traffic ID as "Mix 105.9", unID oldies under (WOCL?-gc)	
1715 WCRJ	107.3 FL Jacksonville, ID, country	
1716 WXXI	102.7 FL Pompano Beach, Broward County traffic, Magic ID	
1717 WEEI	100.1 FL Ft. Charlotte, Coast 100 ID	
1719 unID	94.1 ezl (WEZY Lakeland maybe-gc)	
1721 WHEW	101.9 FL Ft. Myers, ID, country	
1723 WLRQ	99.3 FL Cocoa, "Brevard County's own lite rock 99.3" ID	
1723 WMMZ	93.7 FL Ocala, "Z93", local promo with the "Z-Gator"	
1731 WOLM	92.9 FL Punta Gorda, ID and Port Charlotte Country Club mention	
1733 unID	92.9, Kiss or Kicks FM slogan, rock WQLM? (I think they are "Lite FM"-gc)	
1740 WSOR	90.9 FL Naples, local ad, ID, and contemporary Christian music (announcer said a listener from State College, PA called in with a music request!)	
1805 when I got home, nothing on TV Even my wife noticed Es while driving, asking me what strange station is on 89.5 after she got home!		

JIM'S COMMENTS ON THE NEXT PAGE.



JIM RENFREW's comments.

Regarding July 4, I don't often get to take the car out in the middle of the night - the new WXXI s/off was my incentive! CIRT 91.1 had a piercing tone all night. CBC stations on 93.5, 105.9, and 107.5 ran an open carrier all night after 0110 (91.5 with intermittent OC). CBL 740 was finally off the air (after months of 24 hrs), but CBL 94.1 and CBOQ 103.3 on all night with classical. WAER 88.3 and WBSU 89.1 off after 0200. WGMC 90.1 and WSQG 90.9 off after 0100, WGMC s/on is 0600. WFRW 88.1 (Family Radio), WCII 88.5 (Family Life Network), WBFO 88.7 (jazz), WMHN 89.3 (Mars Hill Network), CIUT 89.5 (talk, rock), WEOS 89.7 (BBC programs), WFBF 89.9 (Family Radio), WBER 90.5 (alternative rock), CBOF 90.7 (French CBC), and WMHnt 90.9 were on all night. All other locals apparently 24 hrs. A friend tells me WEOS is doing NPR feed more often in its schedule. Regarding WGSF 89.5 (reporter called me on the phone. Said they are still in the CP testing phase, and s/off around 8pm. They are trying to resolve interaction between their antenna system and local dairy farm equipment. He wasn't aware of E-skip and found my reception amazing, especially when I told him it was on the car radio. I told him to expect reports from many others. Format is Southern Gospel music. PO Box 644 Mayo, FL. He promised an immediate QSL...still waiting. WNNR 103.5 is unexpected bad news as I was still looking for WSHQ. 93.3, 99.7, 102.7, 105.9, 106.7, 107.3 all due to sign on. 93.3 Avon is scheduled for 8/15 s/on according to station personnel. Can't find a telephone number for 107.3.

JOHN EBELING - 9209 VINCENT AVE. - BLOOMINGTON, MINNESOTA 55431-2157

FROM CARM AT ALBORN MINN (TIMES CST)

- JUNE 1991 DX**
30 Es
 2157 WMOX 93.1 NC Winston-Salem
 2158 WKRR 92.3 NC Asheville, "Rock 92"
 2200 WUNC 91.5 NC Chapel Hill
 2208 WRNS 95.1 NC Kinston, k
 2210 WHPE 95.5 NC High Point, g
 2227 WFLZ 92.5 SC Manning, "Wheels"
 2234 WAVF 96.1 SC Hanahan-Charleston, r
 2245 WOCW 92.1 SC Parris Island
 2300 WUOT 91.9 TN Knoxville
 2302 WEZK 97.5 TN Knoxville
 2306 WGNC 95.5 GA Athens, +SCA, k
 2313 WDEF 92.3 TN Chattanooga, m
 2333 WTVY 95.5 AL Dothan, k
- JULY 1991 DX**
1 Es
 0755 WUWF 88.1 FL Pensacola
 0833 KOB 93.3 NM Albuquerque
 0836 KSEC 93.3 CO Lamar, k, "KC93" used
 0841 KWZ 93.7 UT Richfield
 0900 KKOR 94.5 NM Gallup
 0900 KXK 94.1 CO Montrose
 0907 KALQ 93.5 CO Alamosa
 0909 KLAZ 93.5 AZ Page, many local ads
 0918 KVRH 92.1 CO Salda
 0923 KTRA 102.1 NM Farmington, k
 0927 KYLE 102.3 CO Gunnison
 0930 KPRQ 100.9 UT Prince, "KRPX/Q101"
 +X SCA
 0936 KJLY 100.3 NM Albuquerque, J-Joy
 0943 KOMP 92.3 NV Las Vegas, traffic rpt
 "The Rock of Las Vegas"
 0945 KWNR 95.5 NV Henderson
 0949 KVNA 97.5 AZ Flagstaff, The Heat, dumbll
 0953 KDHT 92.5 CO Greeley
 1000 KJNM 89.9 NM Albuquerque
 1000 KNPR 89.5 NV Las Vegas
 1002 KCRT 92.7 CO Trinidad, r
 1003 KCEP 88.1 NV Las Vegas
 1015 KBLJ 92.1 CO La Junta
 1018 KFLQ 91.5 NM Albuquerque
 1022 KNYN 95.5 NM Santa Fe, k
 1043 WVFJ 93.3 GA Manchester, Joy FM, wx
 1055 WQIK 99.1 FL Jacksonville, wx

Note #1: ID with WLIC 97.1 Frostburg (MD), and WRJ 106.9 Masontown (PA).
 That's about it from here. It appears Es has been down this year, at least here in MN. Regards

- JULY 2 Es**
 0848 WXRK 92.3 NY New York, "K-Rock"
 0858 WPAT 93.1 NJ Paterson
 0858 WSNE 93.3 MA Taunton
 0859 WHJY 94.1 RI Providence, "94HJJ"
0906 WNYE 91.5 NY New York, phone (718)
 855-8858, could've won circus tickets
 0912 WROW 95.5 NY Albany
 0913 WUNC 91.5 NC Chapel Hill
 0920 WQOK 97.5 VA South Boston, K 97.5
 0930 WAWZ 99.1 NJ Zarepath, g
 0930 WNCN 104.3 NY New York
 0939 WBLI 106.1 NY Patchogue
 0941 WBSL 107.5 NY New York
 0944 WEZQ 107.7 NY Wethersfield, m
 0947 WHIT 100.3 NY Newark, "Z100"
 0955 WKQJ 92.7 NY Middletown
 1001 WALK 97.5 NY Patchogue, r
 1002 WSLU 89.5 NY Canton
 1003 WPKN 89.5 CT Bridgeport
 1008 WRKS 98.7 NY New York, Kiss
 1030 WBGQ 88.3 NJ Newark, Jazz 88
 1034 WLEZ 92.7 NY Elmira
 1040 WFRW 94.7 NJ Newark
 1043 WXBA 88.1 NY Brentwood, 180 watts
 2 good IDs
 1105 WBBG 93.3 OH Youngstown, "Oldies"
 Funny what comes in at the end of an Es !!
5 Es
 1924 KMZG 93.1 ID New Plymouth
22 Es
 1555 WFLS 93.3 VA Fredericksburg
 1600 WALI 90.3 MD Grantsville, g, Note #1
FROM HOME, BLOOMINGTON, MINNESOTA:
JULY 1991 DX
18 Es
 0755 WMPR 90.1 MS Jackson
 0758 WMAW 88.1 MS Meridian
18 Tr
 1702 WDCQ 95.1 IL Decatur, Q-Country
 1917 WWIS 99.7 WI Black River Falls
 1943 WYKY 100.5 WI Columbus-Sun Prairie

DANIEL OETTING - 22 CARRAIGE LANE - EXTON, PENNSYLVANIA 19341

Equipment: Harmin Kardon Citation 23, Yamaha T70, Archer 20db booster, rabbit ears

- JUNE 1991 DX**
24 GW
 2200 WXVU 89.1 PA Villanova, pr, ID
30 Es
 1805 ZBM 89.1 BERMUDA, Hamilton,
 Hot Rod Hearts-Robbie Dupree followed
 by "on Zed-BM, in Bermuda" quite strong
 and steady at times. Inconsistencies in
 sound quality of songs. They're too many
 muddy carts. Format: Adult contemporary,
 (I think they are satellite fed, from the
 U.S.-gc), My 3rd positively IDed country.
JULY 1991 DX
1 Es
 1208 FM band begins opening up with Es
 1211 WBLX 92.9 AL Mobile, s
 1250 KNIN 92.9 TX Wichita Falls, r
 1300 WBSN 89.1 LA New Orleans, g, ID
 1302 WRBH 88.3 LA New Orleans, t, ID
 1420-1451 off FM, also off 1506-1526
 1603 KKQB 92.9 TX Pasadena, "93Q", r
 weather forecast for Houston
 1721 KQID 93.1 LA Alexandria, r, ID
 1730 KLSA 90.7 LA Alexandria,
 ID in between NPR shows
 1820-1940 Es off FM again
 2000 WFFN 95.3 AL Cordova, ID
 2000 WADI 95.3 MS Corinth, ID
 2005 WZGC 92.9 GA Atlanta, classic rock
 2020 WTUG 92.9 AL Tuscaloosa, Power
 93 TUG, wx for Birmingham and Tusca.

- July 1st E-skip continued.**
 2028 KDAQ 89.9 LA Shreveport, ID
 "Art Radio for the Arklatex"
 2030 WNJC 88.9 MS Senatobia, ID
 with 90.1 WJ??? (TN?)
 2045 WCKW 92.3 LA LaPlace, classic rock
 2050 WOKK 97.1 MS Meridian, ID, k
 2105 WJDX 96.3 MS Jackson, Mix 96, r
 2110 unID 97.1 "KAMD 97 Country"
 (Dan, this is KAMD Camden, Arkansas-gc)
 2131 WURC 88.1 MS Hylton Springs, ID,
 gospel music
 2145 Es finally off FM for the day. Whew!
2 Es
 0936 CBO 88.3 ON Thunder Bay, CBC tik
 0940 CBON20 89.3 ON Thunder Bay, FF, tm
 0947 Es off FM
20 Es
 1749 KNIN 92.9 TX Wichita Falls, r,
 Power 93-KNINI
 1754 WLTX 92.9 PA Pittsburgh, rm, in
 very well, backscatter?
 1800 WMAW 88.1 MS Meridian, ID
 1802 KABF 88.3 AR Little Rock, ID, j
 1804 unID 95.3 AL Alabama News
 1806 unID 97.1 "The New V-97". pop
 (Could it have been B-97, WEZB-LA?-gc)
22 Es
 0845 KETR 88.9 TX Commerce, wx and
 temps for Commerce, Texas.

The Es on 7/1 was weird. All day long, channel 4 from New Orleans was in. I've never seen an E-skip opening over one area for so long (11:30AM-10:00PM-Louisiana skip!) (There was skip that long here too, but strangely enough it was moving here, Kansas to Oklahoma, to Texas, to Florida, back to Texas/LA?)-gc)

ED HANLON - 165 SOUTH ROAD - BOLTON, CONNETICUT 06043

Equipment: MR78 mod, magnum dynalab Etude (mod), 284" log yagi (home made, not an FM13), RG6, HD73 rotor, Signal Sleuth 205

MAY 31 Tr (local WKCI 101.3 off)

- 2355 WSSV 101.3 NY Stillwater
 2359 WGSJ 101.3 PA Scranton
JUNE 1991 DX
1 Tr
 0015 WCHR 94.5 NJ Trenton
 0025 WCTO 94.3 NY Smithtown, Magic
3 Tr
 1845 WCLZ 98.9 ME Brunswick, "Breeze"
 1847 WOKO 98.9 VT Burlington
 1850 WKLS 98.9 NY Rochester
 1852 WUSL 98.9 PA Philadelphia,
 Power 99
 1857 WBSS 97.3 NJ Millville, Boss 97
 2105 WVOS 95.9 NY Liberty
 2130 CKMF 94.3 PQ Montreal, French
4 Tr
 2045 WYSP 94.1 PA Philadelphia,
5 Tr
 2119 WJBR 99.5 DE Wilmington
 2127 WUUU 102.5 NY Rome,
 "Mack the Knife"

JUNE 29 Es

- 1300 WFOX 97.1 GA Gainesville, Fox 97
 1630 WSHW 99.7 IN Frankfort,
30 Tr
 2215 W276AV 103.1 CT Stamford,
 (translator WQXR 96.3 NYC)

JULY 1991 DX

- 1 Es**
 2016 WQLT 107.3 AL Florence
 2020 WKMX 106.7 AL Enterprise, KMX
 2040 WOKK 97.1 MS Meridian
 2042 WHRK 97.1 TN Memphis
 2045 WBBN 95.9 MS Taylorsville, B95
 WJDX 96.3 MS Jackson, Mix 96
 WLZA 96.1 MS Eupora, Laser 96
 WJMI 99.7 MS Jackson, Power 99
 WHHY 101.9 AL Montgomery,
 2140 WDSST 100.1 NY Woodstock
 WPOR 101.9 ME Portland (Tr)

2 Es

- 1159 KQWB 98.7 MN Moorhead, Q98

5 Es

- 1145 WZTA 94.9 FL Miami Bch, Zeta 94

11 Tr (local WPLR 99.1 off)

- 1010 WPLM 99.1 MA Plymouth

- 1015 WAWZ 99.1 NJ Zarepath

12 Tr

- 1930 WYFI 99.7 VA Norfolk

- 1931 WMXN 105.3 VA Norfolk

NORTHERN FM DX

SEPTEMBER 1991

ED HANLON'S REPORT continued.

JULY 16 Tr
2115 WQRC 99.9 MA Bartstable, thru co-channel "local"
20 Tr
0915 WYXR 104.5 PA Philadelphia, Star 104.5
1645 WYSP 94.1 PA Philadelphia
20 Es
1630 WOOF 99.7 AL Dothan, Wool FM
1642 WKSJ 94.9 AL Mobile
1643 WBLX 92.9 AL Mobile
1650 WMEZ 94.1 FL Pensacola, verified by phone-blew their minds!
1704 WXBW 102.7 FL Milton
21 Tr
1130 WOKQ 97.5 NH Dover
1142 WPOR 101.9 ME Portland
23 Tr
1930 WKDN 106.9 NJ Camden, WCCC off
WPAT 93.1 NJ Paterson, o/WHYN
WYSP 94.1 PA Philadelphia

JULY 25 Tr
2300 WASH 97.1 DC Washington, thru NYC's WQHT
27 Tr
0930 WPAT 93.1 NJ Paterson
WFME 94.7 NJ Newark
31 Es
1820 WKSJ 94.9 AL Mobile
1830 WABB 97.5 AL Mobile, "Just Wanna Hold You Tight"
1835 WPST 97.5 NJ Trenton (tr)
1840 WCHR 94.5 NJ Trenton, over semi-local WZOU.
31 Es and Tr
WMEZ 94.1 FL Pensacola
2105 WMJQ 102.5 NY Buffalo, "Perfect World" by Huey Lewis



Came home after softball on May 31 to find local WKCI off the air. On 7-11 WPLR (99.1) went down, and 7-23 WCCC 106.9 did also. I wish it would happen more often. Don't ya hate it when they come back on, and you've got the volume cranked trying to hear the station far away? Picked up a new toy this month, the Signal Sleuth 205 from Magnum Dynalab. After using it on both the MR-78 and Etude, I'm convinced that it can improve the performance of any tuner. Several of this month's catches were made possible by the 205. It's especially good for use while "sitting" on an empty frequency, as sensitivity is greatly improved. For those of us that have added filter, the gain in sensitivity is welcome. Thanks to Todd Brandenburg for IDing Y-97 KMMY in Muskogee, OK (from 5-29). Until next month, 73's Ed

J. JOEL ROSENBERG - 19 GLENAYR ROAD - RICHMOND HILL, ONTARIO CANADA L4B 2W3

MAY 29, 1991 Tr
0001 WCII 88.5 NY Spencer? (yee-gc)
0005 WZSH 95.1 NY South Bristol-Rochester
Wish 95, between locals on 94.9 & 95.3
0008 WAAL 99.1 NY Binghamton
JUNE 1991
6 GW
2200 CJFT 101.1 ON Fort Erie
7 Tr
2200 CBOF 90.7 ON Ottawa
11 Tr
2234 unID 91.7 "WRVO group"
(Joel, this is WRVJ Watertown-gc)
2238 unID 100.3 tone (This is Ottawa, but I do not know of any calls assigned yet-gc)
2305 CBO 91.5 ON Ottawa

June 12 Tr
2244 WNIC 100.3 MI Detroit
17 GW
1730 CKIE 99.1 ON Toronto, French, on for one week, Francophone weak
"ID as Say-ka-ee-uh"
JULY 1991
1 Es
1251 WMAV 88.9 MS Bude
1307 KCBI 90.9 TX Dallas
1328 KVTI 91.7 TX Dallas
17 GW
0815 WZSH 95.1 NY S.Bristol, local 94.9 off



Molson Indy station on 91.9 seemed weaker this year. oh well. Hopefully things will pick up. 73s, Joel

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221
Equipment: Carver TX11 (mod with 3 150s), SP9 at about 25', CAC11 & RG6 coax, rabbit ears also used into RS 0-10-20 amp for phasing purposes

JULY 1 Es cont from last month
2115 KXKZ 107.5 LA Ruston, Kicks KZ, k\$ 1043
2122 (KDMX) 102.9 TX Dallas, Mix 102.9, r\$ ex: KMGC 1224
2124 KKDA 104.5 TX Dallas, K104, s\$, way over Chum-FM!! 1224
2127 KPLX 99.5 TX Fort Worth, ads, k\$, weather, "K-Plex" way o/105 kw lcl WDCX! This was one strong opening. 1224
2130 KSSA 106.9 TX McKinney, SS, Mono 1162
2131 EDGE 94.5 TX Gainesville, modern rck The Edge, over WNEB (100kw) - 1165

July 2 Es
1129 KEZZ 94.3 MN Aitkin, rm\$, calls 772
1132 KMCM 92.5 MT Miles City, KM92, ad I wonder if this was short double hop? 1349
1134 KFGO 101.9 ND Fargo, Magic 102, r\$ 912
1137 KLLZ 99.1 MN Walker, r\$, "KLZ-FM Minnesota's Power Loon" 822
1140 KYCK 97.1 MN Crookston, 97 Kick FM 926
1142 WSCD 92.9 MN Duluth, MPR, c\$, wx, this and unID top 40 over local WBUF Another strong opening! 703

NORTHERN FN DX

SEPTEMBER 1991

GREG CONIGLIO'S REPORT continued.

JULY 2nd es cont.
1145 CHIQ 94.3 MB Winnipeg, Q-94 1000
1151 KIKI 107.5 ND Grand Forks, ad, KJ108 948
1157 unID 99.3 sounds like "Mitch 99" not "Mix 99" but could just be a DJ accent?
1200 KZLT 104.3 MNE Grand Forks, rm\$ legal ID jingle with Grand Forks 941
1202 CKSB7 89.1 ON Fort Frances, French 804
1203 KSRQ 90.1 MN Thief River Falls, local PSAs 912
1205 WHBM 90.3 WI Park Rapids, Wisc Pub Radio ID, Mono, one of my shortest Es, and just heard west WI 3 days ago via trop! 610
1206 KDKK 97.5 MN Park Rapids, wx 837
1220 KDAL 95.7 MN Duluth, rk\$, 96 Lite FM 3rd log via both Tr/Es, other 2: KSHE, WSIU 703
1237 KKDL 95.1 MN Detroit Lakes, Cool 95 875
1306 KFIM 89.3 ND Grand Forks, c\$, wx, legal with Devil's Lake and Thief R. Falls 948
5 GW/TrS (WDCX 99.5 off)
1500 CJFT 101.1 ON Ft.Erie, noted putting spurs on 99.5 and 102.7, they get out well; I heard them at convention site in Dunkirk, also had them local strength in Ft.Erie WJBR, WGAR also heard on 99.5
2200 WNJA 89.7 NY Jamestown, new local c\$, relay of WNEB 94.5 Buffalo 65
8 Es
1130 WFFF 96.7 MS Columbia, legal, nx 1010
1300 KRIS 92.1 TX Seabrook, calls heard o/CKPC on car radio en route to work 1287
1421 WEEJ 100.1 FL Port Charlotte, Coast 1121
1423 WPCV 97.5 FL Winter Haven, k\$ 1050
Thanks to my brother for logging these 2
13 Au
1655 WGTS 91.9 MD Tacoma Park, calls 290
1800 WNSC 88.9 SC Rock Hill, tuned in to network chain, expected WV but heard WEPB 90.1 and WRJA 88.1 mentioned 573
16 Tr
0900 Cleveland FMs local
0901 WPOS 102.3 OH Holland, g\$, local 257
0904 WHKO 99.9 OH Toledo, k\$, K-100 way over local CKFM Toronto 255
0911 WITR 98.3 MI Monroe, Tower 98, r\$ 245
0915 CKMF 94.3 / CITE 107.3 Montreal full scale
0918 CFLG 104.5 ON Cornwall, b\$ o/CHUM
0938 KFMR 99.7 IA Muscatine, rp\$ 639
0954 WSHW 99.7 IN Frankfort, ads 440
0958 WWWW 105.5 OH Sylvania, local like 262
1010 WRED 95.7 OH Gibsonburg, very good k\$, calls given as "WTD0" 260
1945 W288AR 105.5 NY E.Rochester, WZSH 60
2215 WKLT 97.5 MI Kalkaska, calls 341
2225 WHAD 90.7 WI Delafield, WPR Mono 482
2250 KFMR 99.7 IA Muscatine, back again! This time even stronger! 99- 639
2330 WZOK 97.5 IL Rockford, T40\$, 97ZOK 522
2335 WXRK 104.9 IL Belvidere, rp\$, The X 512
2337 WMYX 99.1 WI Milwaukee, rm\$, calls 460
2356 WDEK 92.5 IL DeKalb, All Hit 92.5 510
17 Tr
0000 WNLJ 90.5 IL Rockford, j\$, ID with De Kalb 522
0021 WRIZ 106.3 MI Lakeview, Star 106.3 331
0029 WDCB 90.9 IL Glen Ellyn, DuPage college, news promo, all alone on freq 479
0057 WBLV 90.3 MI Twin Lake, Blue Lake R 370

0100 WDLN 89.3 IL East Moline, g\$, legal ID 599
18 Es
0945 KINF 91.9 KS Garden City, sign on 1161
1830 KGLI 95.5 IA Sioux City, r\$, KG-95, same state on Es & Tr in 24 hrs! 878
1835 KOGA 99.7 NE Ogalalla, rm\$, calls 1171
1836 KSID 98.7 NE Sidney, rm\$, Bright 98 1230
1845 WPIG 95.7 NY Olean, strong k\$ fading in and out like Es, backscatter?! 67
1939 WJDR 98.3 MS Prentiss, calls, wx 991
1957 KOKY 94.1 TX Beaumont, o/CBL-FM 1223
2016 unID 91.9 Spanish language heard 19 Tr
0250 WBL5 107.5 NY New York, CBCK off s\$ in and out with WYCL & WGPR 287
19 Es
1620 WCTO 92.1 FL Venice, ads, tape 1115
1624 WLRQ 99.3 FL Cocoa, Lite 99, lcl wx 1020
1636 WDNA 88.9 FL Miami, local anncnt 1190
1900 WGUF 92.7 FL Marco, SW FL's Lite 1175
1902 WSRZ 106.3 FL Sarasota, Oldies 106 1100
1905 WLYV 106.3 FL Holiday, calls heard and a mention of Frank Sinatra 1048
1912 WOZN 98.7 FL Key West, op\$, live remote from K. West, Classic Rock 98.7 1282
2059 WEAT 104.3 FL W.Palm Beach, lgl ID 1121
2100 WYGC 100.9 FL Gainesville, Gator Cntry GC101- took a long time to ID 948
20 Es
0015 WMZX 95.7 LA New Orleans, Mix 95.7 1096
1624 WOCL 185.9 FL DeLand, Cool 105.9 o\$ 970
1641 WPCV 97.5 FL Winter Haven, k\$ 1045
1700 WEDR 99.1 FL Miami, 99 Jams, rs\$ 1198
1745 WTVY 95.5 AL Dothan, k\$, FM 95, cls 847
1800 WSPF 90.1 FL Ft. Myers, legal /WUSF 1148
1800 WSOR 90.9 FL Naples, g\$, multi ID with Ft. Myers, Cape Coral, Port Charlotte 1170
1814 WDDQ 92.1 GA Adel, continuous ads for Exit 10 on I-75, "Exit 10 Radio" 862
1900 KYKR 93.3 TX Beaumont, k\$, legal ID 1223
28 Tr
1100 WNNR 103.5 NY Sodas, classic rock from the bird I think, very poor signal; they will have a tough time rim shooting Rochester with CIDC on the air 68
30 MS
2351 WJL 92.3 MO St. Louis, ad for a Miss River Gambling boat to stop here in Alton, Ill. 688
AUGUST 1991 DX
1 Tr
2310 WYYY 94.5 NY Syracuse, o/WNEB L&C 131
2316 WPHB 105.9 PA Phillipsburg, k\$, B105 slogan, very strong signal 150
3 Tr (Local WBNY 91.3 Buffalo off, also semi locals WOLN Erie & WCNV Syracuse off too!)
0104 WESM 91.3 MD Princess Anne, in very good with ID after news. 368
0106 WYEP 93.3 PA Pittsburgh, calls, modern rock (p\$), REM, Farm, Cure, etc 188
6 Tr
1101 WXHC 101.5 NY Homer, calls, mr\$, very tough due to CFMP Peterborough 130
Glad to have seen everyone at the convention-it was fun. Despite July picking up some, this was likely my worst Es year since I began in 1986.

SOUTHERN · F M D X

SEPTEMBER 1991

SOUTHERN FM DX FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Report today!

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE 14th

SHORT DISTANCE HOP, A HIGHLIGHT FROM THIS YEAR'S MODEST SEASON.

Chester P. Royster WB40HC, RFD Box 23, Freeman, VA 23856

Equipt.: Pioneer 8100 tuner with 3 150 khz filters, stacked FM-13's at 25' and 18'.
7/19 Es EDT

1630 **WWFR** 91.7 FL Okeechobee
 1651 **WJIS** 88.1 FL Bradenton
 1654 **WJNF** 91.1 FL Marianna
 1659 **WSVH** 91.1 GA Albany
 1708 **WKGK** 90.7 FL Panama City
 1711 **WMNF** 88.5 FL Tampa
 1715 **WJIZ** 96.3 GA Albany
 1954 **KMXR** 93.9 TX Corpus Christi
 2000 **WMBV** 91.9 AL Dixon Mills
 2014 **WQZX** 94.3 AL Greenville
 2020 **KIEL** 96.3 AL Greenville
 2023 **WDJR** 96.9 AL Enterprise
 2027 **WYZB** 105.5 FL Fort Walton
 2032 **KQXL** 106.5 LA New Roads
 2037 **WEZB** 97.1 LA New Orleans
 2044 **WBLX** 92.9 AL Mobile
 2050 **WKFX** 95.1 AL Prattville
 2052 **WKCK** 92.3 LA Laplace
 2053 **WKNN** 99.1 MS Pascagoula

7/20 Es
 1905 **WLPE** 91.7 GA Augusta
 7/26 Es
 2039 **KBEM** 88.5 MN Minneapolis
 7/30 Es
 1654 **WKGK** 90.7 FL Panama City
 1700 **WUWF** 88.1 FL Pensacola
 1712 **WBSN** 89.1 LA New Orleans
 1719 **WYLD** 98.5 LA New Orleans
 1723 **WQUE** 93.3 LA New Orleans
 1726 **WKSJ** 94.9 AL Mobile
 7/31
 1633 **WMNF** 88.5 FL Tampa
 1642 **WKSJ** 99.5 FL Fort Walton
 1645 **WKRK** 99.9 AL Mobile
 1744 **KLSU** 91.1 LA Baton Rouge
 1759 **WJDX** 96.3 MS Jackson
 1859 **KRVS** 88.7 LA Lafayette

Did stagger stack two FM-13s. Achieved about 1/2 s unit of increased signal reflection. This enhancement permitted the reception of WQSM Fayetteville, NC when the array's backside was oriented towards WTVR Richmond, VA 55 miles.

Jeff Kruszka, 2824-E Steamship Cir., Harahan, LA 70123 CDT

Equipt.: JVC R-K200 receiver, handheld dipole antenna

5/19 Es
 1207 **KMOR** 92.9 NE Scottsbluff
 5/29 Es
 1756 **WMMQ** 92.7 MI Lansing, ID
 1836 **WOLX** 94.9 WI Madison, ID
 1846 **WVIC** 94.9 MI E. Lansing, ID
 1847 **WSCK** 92.9 MN Duluth, ID
 1850 **KZOC** 92.7 KS Osage City, "KZ93", k
 1851 **KWYR** 94.7 CO Boulder, "the new KHIIH, K-high 94.7"
 6/24 Es
 1950 unIDs 92.9, 93.9, 97.7 Mexico
 7-14 Es
 2023 **WDOR** 93.9 WI Sturgeon Bay, ID, black contemporary mx

7-18 Es (short Es)
 1955 **KXP2t** 92.9 CO "oldies 92.9", (in car)
 2012 unID 92.7 TX mentions of w. TX
 2015 **KOLT** 105.9 ?? "KOLT 106", k
KHYI 94.9 TX Dallas, Power 95, (very short)
 2038 **KBIM** 94.9 NM Roswell, ID
 2036 **KILO** 93.9 CO Pueblo ment., ID
 2045 **KBCO** 96.5 OK Elk City, ID
 2046 **KKFM** 96.5 CO Colorado Springs, ID
 2052 **KKIK** 93.7 TX Lubock, ID

7-31 Es
 1938 unID 93.9 B-94
 Here's my report for the summer so far. Probably the worst FM skip season I've ever experienced - hardly anything to report.

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

Equipt.: McIntosh MR78, Probe 9

7/1 Es
 0011 **CBQ** 88.3 ON Thunder Bay, s/off-ID
 0031 **WSCD** 92.9 NM Duluth, wx alert
 0032 **WAKX** 98.9 MN Duluth, "Classic Hits 99"
 WAX"
 0106 **CHIQ** 94.3 MB Winnipeg, "Q-94"
 1100 **WHSAs** 89.9 WI Bruce, ID
 1204 **CBQ** 88.3 ON Thunder Bay, ID again
 1204+ spotty MUF to 100.9 Canada
 1822 **WXTU** 92.5 PA Philly, "Country 92, ID
 1827 **WHLJY** 94.1 RI Providence, "94HJY"
 1836 **WBBB** 101.5 RI Providence, "all oldies B-101"
 1838 **WKEXX** 101.5 ?? op
 1839 **WQHT** 97.1 NY New York, Hot 97"
 1840 **WBLQ** 99.3 RI Block Island, r, ID

7/1 Es
 1841 unID 98.9 "The Breeze", new age mx
 1842 **WKZS** 99.9 ME Auburn, "Kiss-100"
 1842 **WHEB** 100.3 NH Portsmouth, ID
 1843 **WHMP** 99.3 MA Northhampton, "HMP-FM"
 1844 **WLKZ** 104.9 NH Wolfeboro, ID, Lakes FM
 1845 unID 107.1 "B-107 w/Lee Bo"
 1848 **WKCI** 101.3 CT Hamden, "KC-101"
 1849 **WKXS** 107.9 MA Medford, "Kiss 108"
 1849 **WHBS** 107.1 NY Hampton Bays, ID
 1850 **WFOR** 101.9 ME Portland, ads, ID
 1851 **WBLM** 102.9 ME Portland, rp, ID
 1859 **WPCC** 107.5 MA Chatham, ID
 1900 **WALX** 106.7 MA Boston, ID
 1901 **WBCN** 104.1 MA Boston, ID
 1902 **WQRC** 99.9 MA Barnstable, ID.....CONT.....

SOUTHERN FM DX

7/1 Es
 1903 **WQOL** 95.3 ME York Center, "Cool 95.3"
 1911 **WBLS** 107.5 NY New York, s, ID
 1915 **WQQQ** 96.7 CT Stamford, ads, "Q96.7"
 1919 **WQHT** 99.9 PA Easton, ID
 1920 **WJLK** 94.3 NJ Asbury Park, ID
 1922 **WPNH** 100.1 NH Plymouth, ID
 1924 **WNGX** 93.1 ME Portland, ID
 1926 **WROW** 95.5 NY Albany, wx, ID
 1927 **WRLH** 95.5 PA Saladasburg, "Cool Radio"
 1927 **WOKQ** 97.5 NH Dover, ID
 1931 **WSSH** 99.5 MA Lowell, ID
 1932 **WKXE** 95.3 VT White River Falls, ad
 1937 **WCOO** 106.1 MA Hyannis, ID
 1939 **WIMX** 99.3 PA Harrisburg, "WIMX"
 1949 **WBAB** 102.3 NY Babylon, ID
 2001 **WEVO** 89.1 NH Concord, xltr list
 2003 **WVIA** 89.9 PA Scranton, c, ID
 2006 **WSSN** 99.3 NY Potsdam
 2008 **WAMC** 90.3 NY Albany, ID
 2009 **WXGL** 93.9 ME Lewiston, "Eagle 94"
 2011 **WELV?** 103.1 r
 2018 **WKNE** 103.7 NH Keene, "KNE-FM"
 2019 **WVCR** 88.3 NY Loudonville, ID
 2026 **WPAT** 93.1 NJ Paterson, "Easy 93"
 2030 **WZOZ** 103.1 NY Oneonta, "ZOZ"
 2030 **WHRL** 103.1 NY Albany, "Easy 103.1", ID-
 2039 **WXXX** 95.3 VT S. Burlington ads, ID
 tr
 2110 **WFSM** 94.1 TN Tazewell, k, \$, ID
 7/2 Es (brief)
 1009 **CBQ** 88.3 ON Thunder Bay
 7/6 Es (brief)
 1157 unID 88.3 mono, talk
 7/7 Es
 1218 **KDHT** 92.5 CO Greeley
 1219 **KHII** 94.7 CO Boulder
 1220 **KHOW** 95.7 CO Denver, "K-How"
 7/8 Es
 1116 **KWBI** 91.1 CO Morrison, ID
 1129 unID 98.7 "Bright 98", KSID?
 1130 **KRVN** 93.1 NE Lexington, wx
 1132 **KICK** 96.1 NE McCook, ex 95.9, ID
 1129 **KKPR** 98.9 NE Kearney, lc. ref.
 1149 **KULT** 94.9 NE North Platte, g, \$
 1156 **KHII** 94.7 CO Denver
 1200 ??? 88.3 "KROA" ID, g\$, xltr?
 1200 **KUVR** 97.7 NE Holdrege, ID
 1202 **KCSU** 90.5 CO Fort Collins
 1204 **KUIT** 99.3 NE Fairbury, "\$99", ID
 1206 **WKZS** 99.9 ME Auburn, "Kiss 10"
 1209 **KNLV** 103.9 NE Ord, nx-wx, ID
 1214 **KELN** 97.1 NE North Platte, ID
 1217 **KOGA** 99.7 NE Ogallala, ads
 1220 **KONP** 103.5 NE North Platte, KX-104
 1322 **WFUV** 90.7 NY New York, ID
 1227 **WPCR** 88.5 MA Amherst, ID
 1229 **KSDZ** 95.5 NE Gordon, ID
 1230 **WCIT** 98.1 MA New Bedford, ID

Pugh, cont.

7/3 Es
 1232 **WOCB** 94.9 MA W. Yarmouth, b, ID
 1233 **WLYT** 92.5 Haverhill, "W-lite", ID
 1240 **KREP** 92.1 KS Belleville, ads, "KR92"
 1249 **KNDY** 103.1 KS Marysville, ad
 1256 **KCLY** 100.9 KS Clay Center, ID
 1257 **KTDFT** 104.7 KS Manhattan
 1300 **KRFS** 103.9 NE Superior, ID
 1303 **KJHK** 90.7 KS Lawrence, p, ID
 1305 **KAMI** 104.5 NE Cozad, ads
 1306 **KNGW** 104.7 CO Sterling, "King FM"
 1310 **KMCK** 106.5 NE Ogallala, nx, ID
 1323 **KERM** 98.3 WY Torrington, ads
 1334 **KAAQ** 105.9 NE Alliance, ads
 1339 **KCKS** 95.3 KS Concordia, lcl. wx, "Kix"
 1345 **KQMA** 92.5 KS Phillipsburg, ID
 1359 **KUWR** 91.9 WY Laramie, xltr list
 1422 **KMOR** 92.9 NE Scottsbluff
 1429 ???? 88.3 KROA ID, again
 1436 **KGLL** 96.1 CO Greeley, "Eagle 94"
 1454 **KRXK** 94.1 MT Billings, ID
 7/11 tr
 1252 **WOFE** 105.7 TN Rockwood, k, \$, ID
 1500 **WVNO** 105.3 KY Glasgow, r, \$ ID
 7/15 tr
 1534 **WNFB** 94.3 FL Lake City, ads
 1608 **WQFX** 95.7 GA Valdosta, "Power 96"
 7/18 Es
 1038 **KRXK** 94.1 MT Billings, ID
 1038 **KRCS** 93.1 SD Sturgis, wx
 1047 **KMRK** 93.9 SD Rapid City, r, ID
 1048 **KIKC** 101.3 MT Forsyth, Kick Country
 1059 **KEMC** 91.7 MT Billings, ID
 1104 **KINI** 96.1 NE Crookston, wx
 1109 **KKULT** 95.5 MT Hardin, "Kool 95.5"
 ms
 1601 **KDAL** 95.7 Morris, prev. Es
 7/26 tr
 1011 **WTVR** 94.9 TN Waynesboro, k, \$
 1840 **WAPR** 88.3 MS Tupelo, g\$, "Family 88"
 Es
 2337 **KSDN** 94.1 SD Aberdeen, New Rock 94
 2243 **KQAA** 94.9 SD Aberdeen, o
 2245 unID 92.9 "Royals bsb", "MO lottery"
 2259 **KESD** 88.3 SD Brookings, ID
 2311 **MUF** 99.9 sudden f/out 2313
 7/30 Es
 1310 **WSRXt** 91.5 FL Fort Myers
 7/31 Es
 1607 **WJXY** 93.9 SC Conway, wx, "94X" 415
 1613 **WJYR** 92.1 SC Myrtle Beach, b, ID 430
 1614 **WHLZ** 92.5 SC Manning, k, ID 338
 1621 **WQRT** 93.9 SC St. Matthews, s, ads, \$320
 1643 **WNHW** 92.5 NC Nags Head, area ads 620
 1653 **WZZU** 93.9 NC Burlington, Durham ad 380
 1653 **WRHT** 96.3 NC Morehead City, lc. ad 540
 1656 **WBXB** 100.1 NC Edenton, sg, ID 560
 1657 unID 98.9 Raleigh-Crabtree Valley, ad

The evening Es on 7/1 was very intense with piles of stations battling on each frequency. 7/8 also noteworthy with NY, ME and MA mixing with a solid KS, NE, area opening. Most unusual short skip on 7/31 gave my closest Es at 320 mi. Still, the '91 Es seems below average thanks to a poor June. Trop has been so poor I won't even mention it! 73.

Jeff Wolf, 1131 University Blvd. W. Apt. 701, Silver Spring, MD 20902

Equipt.: Sears AM, FM, TN band radio

7/19 Es EDT
 1956 **WBLX** 92.9 AL Mobile, 93-BLX, ads, ID, "WBLX-FM Mobile-Pensacola"
 2011 unID 99.9 Coast 100, 2018 MUF 106.5

7/19 Es
 2130 **WQLM** 92.9 FL Punta Gorda, ads, ID, wx, "Playing all your life favorites."
 7/20 Es 1805 MUF 102.9 or 103.1
 1825 **WGZG** 98.1 LA Baton Rouge, o, ads

Matt Sittel, PO Box 21451, 511J Wood Hall, NCSU, Raleigh, NC 27607

7/8 Es			
1414 KNIN	92.9 TX Wichita Falls	1135	
1426 KDQN	92.7 AR DeQueen, local ad	898	
1634 KSRR	92.9 TX San Antonio, Star 93	1240	
7/9 tr			
0745 WMMN	107.3 SC Anderson, Magic	107.3	242
7/10 tr			
0728 WRQX	107.3 DC Washington, Mix	107.3	236
0730 WXYL	102.5 SC Charleston, calls		218
0734 WBRF	98.1 VA Galax, Stereo	98	138
7/12 tr			
0643 WMJS	92.7 MD Prince Frederick, ID	224	
0712 WZBH	93.5 DE Georgetown, area ads		272
0725 WRQX	107.3 DC Washington, Mix	107.3	236
0726 WCXR	105.9 VA Woodbridge, DC nx		213
0733 WOLC	102.5 MD Princess Anne, calls		238
0851 WJFK	106.7 VA Manassas		219
0904 WXYL	102.5 SC Charleston		218
0906 WETA	90.9 DC Washington, calls		236
7/16 tr			
0908 WGOL	98.3 VA Lynchburg, calls		113
7/17 tr			
0836 WJFK	106.7 VA Manassas		217
0838 WRQX	107.3 DC Washington, Mix	107.3	236
7/18 Es			
1953 KZOC	92.9 KS Osage City, k		964
2017 KBEZ	92.9 OK Tulsa, calls		968
2018 KISR	93.7 AR Fort Smith, Kiss		887
2025 KSPI	93.7 OK Stillwater, local ad		1029
2037 XHXL	91.7 NL Monterrey, XL90		1474
7/19 Es			
1632 WRGI	93.5 FL Naples, G93		694
1634 WQLM	92.9 FL Punta Gorda, Lite93FM		646
1637 WGUW	92.7 FL Marco, Gulf 92.7		708
1645 WOLZ	95.3 FL Fort Myers, ID		662
1653 WJST	94.5 FL Port St. Joe, calls		564
1659 WRBA	95.9 FL Springfield, Bay 96		560
1659 WJNF	91.1 FL Marianna, local ment.		515
1704 WTTB	97.7 FL Bonifay, calls		533
1707 WJAD	97.3 GA Bainbridge, 97-3 JAD		479
1714 WRJM	93.5 AL Geneva, calls		529
1854 WLUN	95.3 MS Lumberton, calls		705
1859 WMBV	91.9 AL Dixons Mills, ID		582
1902 KLTR	93.7 TX Houston, K-Lite		1060
1902 WQID	93.7 MS Biloxi, 94QID		70C
1903 WQCK	92.7 LA Clinton		755
1905 KJEF	92.9 LA Jennings, local ad		901
1906 WMTQ	93.5 FL Port St. Joe, calls		564
1906 WKRY	93.5 FL Key West, local ment.		806
1916 KKAY	104.9 LA Donaldsonville		820
1922 KRKQ	92.9 TX Pasadena, 93Q		1053
1925 KBXX	97.9 TX Houston, The B-0-X		1060
1928 KZFM	95.5 TX Corpus Christi, Z95		1239
1930 KHMV	96.5 TX Houston, local ad		1060
1933 KMDL	97.3 LA Kaplan, calls		890
1935 KZFX	107.5 TX Lake Jackson		1090
1937 KVPO	105.9 LA Berwick, local ad		847
1938 KMMX	106.7 TX Terrell Hills, K-Mix		1236
1942 WOWW	107.3 FL Pensacola, Wow 107		618
1945 WLTS	105.3 LA Slidell, Lite 105		750
1951 KQKQ	106.5 TX Galveston, Hot 106.5		1037
1952 KHOM	104.1 LA Houma		825
1956 KBIT	103.7 LA Lake Charles, Bayou104		930
2002 KTBQ	107.7 TX Nacogdoches, Q107		967
2005 KMYQ	100.1 LA Bastrop, The River		786
2007 WKMX	106.7 AL Enterprise, 106.7 KMX		517
2010 KUEZ	99.3 TX Lufkin, calls		978
2011 KTUX	98.9 TX Carthage, Tux 99		935
2017 KISX	107.3 TX Whitehouse, Kiss 107.3		980
2018 KOOT	106.5 TX Jacksonville, EZ 106.5		992

7/18 Es			
2020 WYZQ	105.3 MS Aberdeen, ZQ 105		576
2035 WGUW	106.3 MS Pascagoula, Good 106		684
2036 KOLD	106.7 LA Port Sulphur		778
2038 WHSY	104.5 MS Hattiesburg		687
2041 WYLD	98.5 LA New Orleans, FM 98, s		778
2046 WMKZ	95.7 LA New Orleans, Mix 95.7		778
2049 WAKH	105.7 MS McComb, K106		749
2050 WFSY	98.5 FL Panama City, Sunny98.5		560
2052 WXUS	100.5 AL Fort Rucker, US100, k		509
7/23 tr			
0859 WSVH	91.1 GA Savannah, ID		298
7/24 tr			
0759 WSVH	91.1 GA Savannah, ID		298
0759 WJWJ	89.9 SC Beaufort, ID		268
0805 WKOA	94.5 SC Murrells Inlet		153
0806 WGTN	100.9 SC Andrews, calls		167
0814 WYBE	98.1 SC Folly Beach, 98 Rock		226
0818 WHTK	99.7 SC Port Royal, calls		259
0819 WKSY	100.5 SC Marion, Classy100.5 FM		118
0825 WJMX	102.9 SC Cheraw, freq. switch		102
0903 WXYL	102.5 SC Charleston		218
0904 WEZL	103.5 SC Charleston, calls		218
7/26 tr			
0759 WSVH	91.1 GA Savannah, ID		298
Es			
2357 unIDs	91.1		
7/30 Es			
1548 XHOX	95.3 TA Tampico, FM Globo		1511
1552 XHJT	100.1 TA Tampico		1511
1600 XHPP	93.5 TA Tampico, full ID!		1511
1617 XH	97.7 TA Tampico, local ment.		1511
1635 XH	103.1 TA Tampico, EstereoRecuerd		0511
1640 KZSP	95.3 TX South Padre Island		1292
1648 KELT	94.5 TX Harlingen, K-Lite		1316
1650 KQLD	106.7 LA Port Sulphur		778
1652 KCIL	107.5 LA Houma, C107		825
1654 KMDL	97.3 LA Kaplan, 97-3 KMDL		890
1658 KAJN	102.9 LA Crowley		887
1659 WBSN	89.1 LA New Orleans, area ment.		778
1701 KNOK	102.9 LA Belle Chasse, ID, j		766
1706 WOSM	103.1 MS Ocean Springs, g		697
1714 WMEZ	94.1 FL Pensacola, b		618
1718 WFMF	102.5 LA Baton Rouge, Hot 102		813
1720 WDLT	98.3 AL Chickasaw, calls		643
1730 KJEF	92.9 LA Jennings, calls		901
1740 WBLX	92.9 AL Mobile, 93BLX, s		647
7/31 Es			
1634 KNGV	92.7 TX Kingsville, calls, g		1272
1638 WBLX	92.9 AL Mobile, calls		647
1643 KQKI	95.3 LA Bayou Vista, Kwickie		849
1646 WLUN	95.3 MS Lumberton, U95		705
1646 WQUE	93.3 LA New Orleans, Q93		778
1649 WTVY	95.5 AL Dothan, FM 95, k		499
1654 WYLD	98.5 LA New Orleans, local ment		778
1655 KMDL	97.3 LA Kaplan, calls, k		890
1659 KSHB	94.5 LA Lafayette, ID		868
1710 WXBW	102.7 FL Milton, calls, k		602
1715 KBYO	104.9 LA Tallulah, calls		753
1717 KQLD	106.7 LA Port Sulphur		778
1726 KJZR	106.9 TX Conroe, calls		1047
1730 KLTS	105.3 LA Slidell, Lite 105		750
1733 KTDY	99.9 LA Lafayette, calls		868
1737 KCIL	107.5 LA Houma, local ment., k		825
1752 KWKH	94.5 LA Shreveport, calls		894
1753 KITT	93.7 LA Shreveport		894
1754 KTYL	93.1 TX Tyler, local ad		984
1755 KKBQ	92.9 TX Pasadena, 93Q		1053

CONT.....

7/31 Es			
1756 KTKC	92.7 LA Springhill, ID	867	
1759 KSWP	91.1 TX Lufkin, calls	978	
1800 KDAQ	89.9 LA Shreveport, ID	894	
1802 KWNS	104.9 TX Winnsboro	970	
1806 KRQF	104.9 LA Abbeville, local ad	881	
1808 WJMI	99.7 MS Jackson, calls, s	703	
1809 KUEZ	99.3 TX Lufkin, local ad	978	
1813 KAFY	95.5 TX Diboll, AllHitK-Fox95	987	
1815 KMYQ	100.1 LA Bastrop, The River	786	
1820 KYTX	97.9 TX Beeville, Y98	1233	
1823 KLTR	93.7 TX Houston, K-Lite	1060	
1834 KSRR	92.9 TX San Antonio, Star 93	1240	
July produced some surprisingly short skip! The MUF in FL on July 19 hit channel 12! I suppose that explains some of my very short skip, like WJAD. I was shocked! Not having DXed skip here before, I don't know what an average summer should produce, but I suspect that this much short skip not normal! Log totals now at 443. '73's.			
Doug Allen, w2crs, PO Box 5646, Woodland Park, CO 80866			
Equip.: Onkyo T 4087 and various Pioneer tuners(all IF modified)FM-13 at 50 feet.			
6/25 tr & Es			
1300 KXLS	99.7 OK Alva, nw OK stations strong		
0759 KNID	96.9 OK Enid		
0800 KGSU	91.7 OK Stillwater		
2000 WMBW	88.9 TN Chattanooga, "K Country 106"		
2000 WLEF	89.1 AL Montgomery, g		
2010 WOKK	97.1 MS Meridian, "97-OKK"		
2020 WRBH	88.3 LA New Orleans, No pun intended--get it? (NO, DB)		
2026 KJAE	92.7 LA Leesville, "\$ Country KF"		
2030 KETX	92.3 TX Livingston, promo, ex 92.1		
6/27 Es			
1231 WRBH	88.3 LA New Orleans, readings for the sight impaired		
1232 WBSN	89.1 LA New Orleans, wx		
1237 WCKW	92.3 LA LaPlace, ID		
1238 WQCK	92.7 LA Clinton, ID		
1239 KITT	93.7 LA Shreveport, ID		
1240 WXLT	94.1 MS McComb, ads, "Sunny 94"		
1300 KCRF	92.7 CO Trinidad, ex 92.5, gw		
1836 KXIQ	94.1 OR Bend, "central Oregon's Q94"		
1845 CBUF	97.7 BC Vancouver, FF		
1847 KING	98.1 WA Seattle		
1850 KYSN	97.7 WA East Wenatcha, k		
2023 KISC	98.1 WA Spokane "98 KISS FM"		
2027 KUOW	94.9 WA Seattle, wx		
2029 KDRR	93.7 WA Seattle, ads		
6/29 Es, 7 tr s			
1315 WGWG	88.3 NC Boiling Springs, ID		
1317 WLIQ	92.7 TN Harriman, ads, k		
1320 KZLE	93.1 AR Batesville, "Z93"		
1323 WTRD	96.9 NC Statesville, k, ID		
1331 WABN	92.7 VA Abingdon, ID "B93"		
1335 WAXM	93.5 VA Big Stone Gap, local PSA, wx 120 watts		
1339 WXLK	92.3 VA Roanoke, "K92 FM"		
1346 WJQQ	98.1 ?? ID		
2024 KPRN	89.5 CO Grand Junction		
//90.1 KCFR, dual ID, CO #115			
6/30 Es and tr s			
1215 ??	97.7 Mexico SS		
1216 ??	94.5 Mexico SS		
1244 KLLT	88.3 NM Albuquerque, g,D ID 1st time home; previously PP		
7/1 tr & Es			
0223 KSQY	95.1 SD Deadwood, KRDO off		
0749 WTVY	95.5 AL Dothan		
0757 WTVT	94.9 FL Tallahassee, ID		
0758 CBON	180N Sault Ste. Marie, FF		
0807 WQSO	98.1 ?? ID, Perhaps a pirate?		
0809 WWUF	97.7 LA Jena, ID		
0813 WZLI	106.1 GA Toccoa, "Z106"		
0819 KJNA	99.3 LA Jena, ID		
0820 KDBH	97.7 LA Natchitoches, ID		
7/1 tr & Es			
0824 WEZB	97.1 LA New Orleans, plus other New Orleans pests in!		
0827 KHOM	104.1 LA Houma, "Rockin Oldies 104"		
0830 WKJN	103.3 LA Hammond, "Cajon 103"		
0836 KJZS	106.9 TX Conroe, "smooth jazz" "the new 106.9 KJZS"		
0837 KQOK	106.5 TX Galveston, SS, Houston's cou cou"		
0838 KIOC	106.1 TX Orange, "Power hits K-106"		
0840 KISX	107.3 TX Whitehouse, "Kiss is the Hits"		
0845-0915	144 mHz opens to eastern TX		
0930 KJQJ	103.3 TX Freeport, g,		
"100,000 watts KHQJ", apparently switched facilities with KJZS above			
0935 KOUL	103.7 TX Sinton, ID		
0938 KZEP	104.5 TX San Antonio, "K-ZEP104"		
0945 WRUP	103.3 MI Marquette, ex		
0951 CHAS	100.5 ON Sault Ste. Marie, "Lite 105 CHAS"		
1000 WHWC	88.3 WI Menomonie //unID 90.3 WI Public Radio		
1001 WSSS	90.7 WI Menomonie, ID		
1001 CBON2490.7	ON Kapuskasing, FF, mixing with above		
1003 CKSB9	89.1 ON Fort Francis, FF		
1015 WRJO	94.5 WI Eagle River, ID, ex 94.3		
1017 CFN	93.1 ON Marathon, ads		
1018 WGLQ	97.1 MI Escanaba, local news "Magic 97"		
1020 WJPD	92.3 MI Ishpeming, ID		
1022 WIMK	93.1 MI Iron Mountain, ads, wx		
1025 WLTE	102.9 MN Minneapolis, "WLTE color radar"		
1027 WJMI	99.7 MI Ironwood, ID		
1029 WJMC	96.3 WI Rice Lake, ID		
1031 CJSJ	94.3 ON Thunder Bay, "94FM"		
10333 WYKX	104.7 MI Escanaba, ads		
1035 KLKX	93.7 MN Minneapolis, ID		
7/5 Es			
0753 WQCS	88.1 NC Asheville, ID		
0758 WDEF	92.3 TN Chattanooga, ID		
0826 WRAP	90.9 GA Toccoa Falls, ID		
0830 WMEW	88.9 TN Chattanooga, ID		
0839 WXLK	92.3 VA Roanoke, "K92 FM"		
0927 WLMI	92.3 AL Montgomery, ID		
2127 KKSN	97.1 OR Portland, "Kissin FM"		
2137 KMGE	94.5 OR Eugene, "Magic 94"		
7/8 Es			
1058 WBFM	98.1 SC Seneca, ID		
1100 WBFI	91.7 SC Greenville, g, ID		
1102 WUOT	88.1 TN Chattanooga, did I hear WUOT or WUTC? "University of Tennessee" cont.....		

SOUTHERN FM DX

7/8 Es
 1106 WGWG 88.3 NC Boiling Springs, ID
 1109 WKOM 101.7 TN Columbia, ID
 "goodtime rock and roll"
 1113 WMYU 102.1 TN Seveirville, "light rock U102"
 1119 WJMX 103.3 SC Cheraw, ID,
 "extra hot 103x"
 1121 WIVK 107.7 TN Knoxville, ID
 1127 WSSL 100.5 SC Gray Court, ID,
 "Whistle 100"
 1134 WDM 101.3 SC Sumter, "the big DM"
 1136 WZY 100.9 NC Fairmont, Fairmont & Lumberton ads
 1140 WZNY 105.7 GA Augusta, promo, "Sunny105"
 1142 WSYN 106.6 SC Georgetown, ID
 1146 WYAV 104.1 SC Conway, "all hit WAVE 104"
 1148 WJWX 102.9 SC Conway?, ID //103.3 above, "103x"
 1150 WLMZ 103.9 SC Easley, ads, "Z104"
 1155 WMM 107.3 SC Anderson, ID
 "Magic 107.3", ex WANS
 1159 WMHK 89.7 SC Columbia, ID
 1201 WMLU 94.5 SC Greenville, wx
 1212 WKTC 96.9 NC Goldsboro, pos. new freq. DX record 1472 miles, had this one last summer, but didn't note mileage
 1214 WRFR 96.7 NC Franklin
 1218 WJIZ 96.3 GA Albany, ID
 1220 WKZQ 101.7 SC Myrtle Beach wx, ads, promo, 1492 mi. poss. new freq. DX record
 1229 WFBC 93.7 SC Greenville
 1230 WLLI 93.5 TN Lenoir City, ID
 1234 WMPD 94.3 SC Marion, ID, "Lite 94"
 1248 WBFM 98.1 SC Seneca, local nx, wx
 1252 WQTR 100.1 SC Lake City, Florence ads 1492 mi. poss. new freq. DX record
 1257 WCOS 97.9 SC Columbia, promo, wx new KISS FM" nw calls?
 1303 WMY 94.5 NC Eden, "Lite 94.5" ads

Thanks to Matt Sittel and Ken Runstadt who helped me with several unIDs. I've sent several more to Matt's new column! Thanks to Bill Nienajadly for the Digi Key catalog. I've ordered the narrower filters and will report on experiments. (Also see Tim McVey's "Technical Topics" in VUD).

Conditions: Tropo continues to be elusive with the SD opening the only good tropo; Es may be down a bit from last year, but has produced several high MUF openings (seven 144 mHz openings), and openings into newly heard areas, also some double hop (next report) Though I disagree with Joop J. Prosee's "no hop" theses, and with several of his assumptions and so-called facts as well (VUD, June 1990), I'm continually amazed how common 1400 plus mile skip is from here and willing to admit that some 1500 mile skip may be single hop. But how much further than 1500 miles? And, when we have received double hop, have we also received other stations at the intermediate distance? After we report on the current Es study (many thanks to those who have already participated--others, please get your info and grid maps to me now that the Es season is over) I'd like to take a close look at 1500 miles plus reception to see if we can confirm or put to rest the no-hop thesis. 73.

Fred Laun, K3ZO, 5802 Huntland Rd., Temple Hills, MD 20758

Equip.: Denon TU-800 tuner, Winegard antenna @35'

7/19
 1842 WMMZ 93.7 FL Ocala, 293
 1847 WAKS 103.7 FL Ft. Myers, Kiss 103.7
 1852 WKRT 107.1 FL Ft Myers
 1855 WEEJ 100.1 FL Port Charlotte
 "The New Coast 100"
 1900 WMPQ 92.9 FL Ocala
 1902 WFLC 97.3 FL Miami, Coast 97
 1922 WMTO 93.5 FL Port St. Joe
 1931 WQLM 92.9 FL Port Charlotte
 "Lite 93 FM"
 1944 WQEZ 99.3 FL Ft. Myers
 1949 WKJN 103.3 LA Hammond, Cajun 103

Allen, cont.

7/8 Es
 1330 WDBL 94.3 TN Springfield, ID
 1331 WDAV 89.9 NC Davidson, "classical 89.9 WDAV"
 1335 WMXC 104.7 NC Charlotte, ads, "the mix"
 1337 WSKZ 106.5 TN Chattanooga, ad
 1343 WDR 96.9 TN Statersville, ID
 1346 WSND 88.9 IN Notre Dame, ID
 1349 WPAR 88.1 NC Claremont, ID
 1354 WJMR 98.3 OH Fredricktown, ID
 1359 WHSST 89.5 OH Hamilton, Cincinnati wx, "FM 97.1" ???
 1401 WFGH 90.7 WV Fort Gay, ID
 1403 WPKO 98.3 OH Bellefontaine, ID
 gw
 2135 K203AT88.5 CO Westcliffe, KRCC trans. full 1 KGNU off
 7/15 tr, ms, Es
 0424 KPLO 94.5 SD Reliance, ID
 0430 KDSD 90.9 SD Pierpont, SD wx, 570 miles
 0445 KSLT 107.3 SD Spearfish, g
 0459 WYWR 93.7 SD Winner, ID
 0459 K201AQ88.1 SD Hot Springs, KBHE ID 295 mi., station #900
 0518 KUSDT 90.9 SD Vermillion, in noise
 0529 K?NE 89.5 NE ? Nebraska Public Radio, // 89.1 KHNE
 0621 WYWR 93.7 SD Winner, ID, short burst
 0630 KPSD 97.1 SD Faith, "SD Public Radio" tried to phone VHF hams in SD to run 144 mHz; no one home
 0915 KPLO 94.5 SD Reliance, still in KWYR noisy
 0925 WMBW 88.9 TN Chattanooga, wx, ms burst
 0930 KDSD 90.9 SD Pierpont, still in and //KPSD 97.1
 1838 WPTV 92.3 NC Ashboro?, ID, "Carolina's Rock 92", new calls?
 1839 WQSM 98.1 NC Fayetteville, ID
 1857 WFBC 93.7 SC Greenville, ID "B-93.7"
 1859 WNSC 88.9 SC Rock Hill, SC Public Radio with several unIDs. I've sent several more to Matt's new column! Thanks to Bill Nienajadly for the Digi Key catalog. I've ordered the narrower filters and will report on experiments. (Also see Tim McVey's "Technical Topics" in VUD).

CONT....

SEPTEMBER 1991

SOUTHERN FM DX

7/31 Es
 1716 WMEZ 94.1 FL Pensacola, "FM94
 1721 WQFX 96.7 MS Gulfport, Foxy 96
 1722 WKJR 96.9 AL Enterprise, 96-6-WDJR
 1724 KNOK 102.9 LA New Orleans, The Breeze
 1748 WKRG 99.9 AL Mobile
 1754 WKSJ 94.9 AL Mobile

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

Equip.: Realistic Portavision 55. In MD: Realistic 12-613 Pocket receiver plus metal bar between window panes aboard SS Jubilee off west coast of Mexico (bar served as antenna) for eclipse cruise

In DC area (at Marlow Heights, MD where I work)

6/16 tr

0855 WKXW 101.5 NJ Trenton, tx cx
 0858 WKSZ 100.3 PA Media
 0904 WSRX 106.9 VA Suffolk
 0920 WEAZ 101.1 PA Philadelphia, EZ
 5/30 tr
 0823 WJGM 103.7 NJ Atlantic City, tx cx
 ON BOARD S.S. JUBILEE:
 7/8 tr (ship at 28.5°N, 116.3° W) MDT
 1015 KRUZ 103.3 CA Santa Barbara, m 400

Eclipse viewing was perfect although thru thin cloud. Corona and prominence seen. Totality 6 min. and 42 sec. Waterspout seen at Mazatlan about 0620 local time.

Christopher S. Dunne, 21541 Nw 8 Ct., Box 81, Pembroke Pines, FL 33029

Even though '91 has been a poor E year, whatever Es I've had sure has been quality Es! 8/7 proved to be another day of exotic DX, although not quite as active as on 9/27/90. Assistance on my unIDs is always welcome. Thanks to the Lord again.

Time Call Freq. St Location, details Miles

7/19 Es
 1043 KUDL 98.1 KS Kansas City, ID 1140
 1047 KMBR 99.7 MO Kansas City, "Lite 99.7 FM", ment. K.C. 1140
 1048 KTRQ 98.9 MO Kennett, ID 840
 1100 KXCV 90.5 MO Maryville, "Maryville", "90 Plus" 1215
 1103 KALL 94.5 MO Poplar Bluff, ID 885
 1105 KMAX 94.3 MO Rolla, "Max", "Rolla" wx 990

7/26 Tr

2245 WMPW 92.9 FL Ocala, ID 230
last WMPW log.....

7/30 Es

1137 WNSN 107.7 OH Dayton, "Dayton's Star 107-7" 910
 1142 WVLK 92.9 KY Lexington, sounded like "K-93", ad for KY State Parks
 1157 WJFR 103.3 MI Battle Creek, ID 1090
 1159 WFCJ 93.7 OH Miamisburg, ID 900
 1200 WBTU 93.3 IN Kendallville, "Pt. Wayne" 1030
 1200 WJNN 106.1 IN N. Vernon, ID 870
 1202 WJKA 106.1 MI Jackson, ID 1070
 1205 WFPK 91.9 KY Louisville, ID 850
 1213 WVCZ 106.9 KY Louisville, "Easy 107", heard "40202" ZIP 850

Abbrev.: GT = Guatemala
 ES = El Salvador
 SEE 8/91 VUD FOR EQUIPMENT

Setenta y tres desde Florida.....cd

Laun, cont.

7/31
 1758 WMXZ 95.7 LA New Orleans, The New Mix 95.7
 1815 WKLT 98.3 AL Mobile
 1820 WGD 106.3 MS Pascagoula
 1824 WMFC 99.3 AL Monroeville, 99 Country
 1829 WHIL 91.3 AL Mobile
 1832 WPCS 95.5 FL Pensacola
 1835 WABB 97.5 AL Mobile

SEPTEMBER 1991

PDT time
 7/13 tr ON BOARD S.S. JUBILEE 25.9°N, 113.5°W

0030 KXEZ 97.5 CA Los Angeles, oldies 600
 0050 KLLA 99.5 CA Los Angeles, g
 0209 KHAY 100.7 CA Ventura, k
 0030 KXEZ 98.7 CA Los Angeles, oldies xKJOI
 0315 KTYD 99.9 CA Santa Barbara
 0050 approx. p.stn. 25.8° N 113.5°W 600 mi.
 0209 " 25.9°N 113.7°W 600
 0315 26.0°N 114.0° 700

Time Call Freq. St Location, details Miles

7/30 Es (cont.)
 1223 WASK 105.3 IN Lafayette, "K-105 FM" 990
 1234 WSHW 99.7 IN Frankfort, "Shine 99" 980

8/7 Es

0900 88.1 GT Guatemala City, SS to "Rebusterc", b. third time heard, very distorted audio 1050
 unid 90.9 SS "Radio Exitos" 88.3 FL PIRATE, Journey mx only (groundwave) ??
 unid 91.9 GT "SS" "Internacional, Su Radio"On audio tape I have a "Feminina"; according to Jeff White's Guatemala bandscan there's a Fem. on 91.9; this may be the same estacion.... TGR 88.8 GT Radio Fabulosa, SS, t, heard better on modified Superadio II (local pest 88.9) than on JVC 1050
 unid 98.5 ES?SS, ment. FMLN & "terroristas"; I'm 99.44% sure this is Cadena Cuscatlan in San Salvador.....if so-1050 unid 97.7 SS

Tr

2300 WLPT 88.3 GA Jesup, ID 365
 2301 unid 89.5 BBN, g, prob. Savannah
 2306 unid 106.9 Larry King - had to be WLCW

Gus Mancuso, 5615 Inwood St., Cheverly, MD 20785 301/773-3072
 From Cordova, MD 50 miles east of DC Equipt.: Pioneer SX-40 & Radio Shack DX-440

7/3 tr
 1719 WTPA 93.5 PA Mechanicsburg
 1845 WKRR 98.5 PA Wilkes-Barre
 1912 WEST 104.9 VA Strasburg
 1937 WFRB 105.3 PA Boyertown
 2000 WTRM 91.3 VA Winchester
 2037 WKDV 91.7 PA Phila.
 7/4 tr
 0700 WRFY 102.5 PA Reading
 0706 WJOI 94.9 VA VA Beach
 (Lucky moment when WPVR and WHKL both faded out.)
 0714 WFOR 98.7 VA Norfolk, had to null
 WMZQ and wait for WVLT to weaken
 0730 WPLC 99.3 VA Spotsylvania
 simulcasts with WPLZ, also 99.3, so I
 am listing closer WPLC
 0735 WVSQ 102.5 VA Winchester
 7/6 tr (Balance from home)
 0750 WVMX 106.5 VA Richmond
 0753 WKTC 96.9 NC Goulsboro
 0759 WYLT 96.1 NC Raleigh
 2231 WXPZ 101.3 DE Milford, new, 90s. r
 2359 WRVS 89.9 NC Eliz. City, ex 90.7
 Strongest enhancement s to ssw in
 morning, shifting to e to se at night
 7/8 tr
 0101 WJER 99.5 DE Wilmington, could never
 get a good null on WGAY, so I packed up
 and moved. New get lots of null on this
 side of room.

7/19 Es
 1700 WRXK 96.1 FL Bonita Springs
 1714 WMFQ 92.9 FL Ocala, ref. to Marion
 library
 1716 WCVU 94.5 FL Naples
 1718 WJIS 88.1 FL Bradenton
 1723 WNLE 91.7 FL Ferdinand Bch.
 of these stations due to lack of enhancement. Pioneer table set has lots of int. to the
 "high side" of locals, but Radio Shack portable had little trouble digging out WKdu
 sandwiched between WBJC and WGIS. (Both sets modified.) Strong enhancement west. WTRM
 and WFRB are third closest stations on third closest stations on their freqs.

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

7/19 Es
 1818 WHCJ 88.5 GA Savannah, calls
 1830 WNFB 94.3 FL Lake City
 1842 WAEB 97.3 GA Savannah, "Wave 97"
 7/19 Es
 1843 WPFI 92.7 GA St. Simons Island, ad
 1852 WKRR 92.3 NC Asheville, ads
 8/11 tr
 1005 KKL 97.9 MO Webb City, ID 170

Well, the Es season has passed and it seemed to bypass me, though admittedly I missed
 checking most mornings when the DX was the most and the hottest for those who could.

John Combs, N4SFS, P. O. Box 7581, Tallahassee, FL 32314

6/7 Es
 1940 KIGA 92.7 IA Algona, bb 1025
 1943 KDOM 94.3 MN Windova, ads 1100
 1945 KJFY 92.5 IA Ankeny, ads ads
 6/12 Es
 1416 XHXL 91.7 NL Monterrey 1025
 "XL Estereo Momenta"
 1417 XHFO 92.1 DF Mexico, ads 1270
 6/16 Es
 1828 CJBX 92.7 ON London 885
 1829 CHAY 93.1 ON Barrie, wx, IDs 990
 1833 CJBX 96.5 ON, tent., FF disc
 7/1 Es
 2035 CBF9 91.9 PQ Montaurier, tent. FF
 disc., R. Canada ID
 2043 CIVT 89.5 ON Toronto, psa 950

7/19 Es
 1724 WAAC 92.9 GA Valdosta
 1726 unID 94.3 Span. prob Cuba, fig. to find
 a FL SS in atlas, so didn't pay att. to
 accent. Suspect I missed a lot before 1700,
 Tailed off at 1730 but came roaring back
 after dinner. Boost from sunset tr enhance?
 1900 WQLM 92.9 FL Punta Gorda #300!
 ninth on this freq.
 1917 WMMK 92.1 FL Destin
 2000 WGGC 90.7 FL Panama City
 2012 WYZB 105.5 MUF 105.5
 2015 WMTD 93.5 FL St. Joe
 2046 WDDQ 92.1 GA Adel, 9th on 92.1
 2051 WINT 94.9 FL Tallahassee
 2100 WRWA 88.7 AL Dothan, 1st ever 88.7
 2109 WYUU 92.5 FL Safety Harbor
 2111 WOLZ 95.3 FL Ft. Myers
 2133 WAYJ 88.7 FL Ft. Myers
 2137 WUSF 89.7 FL Tampa

7/26 Es
 2350 KNIN 92.9 TX Wichita Falls, latest skip
 ever (time of day wise and date wise). Wish
 I had checked earlier, got home 2205, watched
 TV.

7/29 tr
 (From "shielded building" corner location in
 Gaithersburg, MD, open only to nw.)
 2041 WPKV 94.9 VA Roanoke
 2100 WDSY 107.9 PA Pitts., null on WFSE MD
 2100 WVNP 89.9 WV Wheeling, always get
 WOEL MD from house.

7/4 holiday weather cool and very cloudy,
 holding reception down. Had to use DX-440
 with its better selectivity to pull in some
 of these stations due to lack of enhancement. Pioneer table set has lots of int. to the
 "high side" of locals, but Radio Shack portable had little trouble digging out WKdu
 sandwiched between WBJC and WGIS. (Both sets modified.) Strong enhancement west. WTRM
 and WFRB are third closest stations on third closest stations on their freqs.

7/19 Es
 1843 WPFI 92.7 GA St. Simons Island, ad
 1852 WKRR 92.3 NC Asheville, ads
 8/11 tr
 1005 KKL 97.9 MO Webb City, ID 170
 7/1 Es
 2100 WYSV 88.5 OH Youngstown 760
 2104 WRRN 92.3 PA Warren, wx, ad 840
 2119 WDSX 92.1 WI Spencer, ID 1035
 2119 WRJC 92.1 WI Mauston, Madison ads* 975
 2132 CHAY 93.1 ON Barrie, ID 990
 2157 KDSD 90.9 SD Pierpont, local ID 1265
 *Can't find a 92.1 closer to Madison unless
 there's a new one??

Look for an additional report from John
 next month. Until next month, 73.
 DB

WESTERN TV-DX

September 1991

Fred McCormack
 Box 17860
 St. Paul MN 55117-7860

Deadline: 10-10-91
 Cut-off: 07-01-91

E skip dates reported for July were: 1-2, 4-8, 14-22, 24-27 29-30. Not too bad?

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

CH	Chihuahua	CU Coahuila	NL Nuevo Leon	TA Tamaulipas	VE Veracruz
ANC	All News Channel		TAB	3 Angels Broadcasting	
CBN	Family Channel		TBN	Trinity Broadcasting	
CNN	Cable News Network		TBS	Turner Broadcasting	
HSC	Home Shopping Club		TNN	The Nashville Network	
HSS	Home Shopping Spree		VJN	Video Jukebox Network	
SCA	Sports Channel America				

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

CDT

Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack
 UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Greetings! We've had lots of excitement here - James Christopher is now nine weeks
 old and doing new stuff every day.

DX-wise, things have seemed s-l-o-w here. Here's what I've gotten lately, which I'm
 still thankful for. I've edited it down to no relogs under 290 km (180 miles) which
 eliminates any St. Louis or Ames/Des Moines relogs.

June 1991	3 tr 0630	WSJvt 28 IN	15 tr 0625	WTTkt 29 IN	
30 tr 0737	WXIN 59 IN 231	WSBT 22 IN 220		WSJvt 28 IN	
July 1991		0636	WNDU 16 IN	0626	WSBT 22 IN 220
2 tr 0632	WJYS 62 IN 141	14 tr 0804	KRCgt 13 MO	0628	W45AJ 45 IL 110
3 tr 0621	WHME 46 IN 223	15 tr 0617	W62BU 62 IL 110		(Rockford CHA)
	0630	WTTK 29 IN 235	(Rockford WNT0-35)	0630	WHME 46 IN 223

Totals now: 174 stations, 50 of 'em from Illinois; 125 tropo and 41 E skip; and 96
 UHF / 76 VHF. God bless

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

PDT

Equipment: See July 1991 Western TV-DX

June 1991	July 1991	5 Es 2059	KVBC 3 NV 986	
18 Es 2045 (See notes)	4 tr 2200	KCKA 15 WA 160	2100	KNAZ 2 AZ 1137
20 Es 2246 KTVS 3 CO 1150	2227	K53AZ 53 WA 187	7 tr 1009	CBUT9 60 BC 148
26 tr 1054 KAPP 35 WA 213		(Centralia KIRO-7)	1030	CBUT1 9 BC 101
1057 KEPR 19 WA 277	ms 2334	KCRA 3 CA 739		(Rare)
1100 KIMA 29 WA 213	5 Es 1916	KSWK 3 KS 1350	Es 1100	KVBC 3 NV 986
KYVE 47 WA 213	1931	KWGN 2 CO 1096	1133	KRTV 3 MT 569
1108 KVEW 42 WA 279	1935	\$KCNC 4 CO 1096	1200	KYUS 3 MT 836
27 Es 2210 \$KVBC 3 NV 986	1947	KTVS 3 CO 1150		KTVQ 2 MT 735
29 tr 0800 K68DL 68 WA 102	1959	KLNE 3 NE 1311	1258	\$KDLO 3 SD 1245
(Seattle religion)	2000	KDUH 4 NE 1080	1259	KGAN 2 IA 1581
	2027	\$KUTV 2 UT 795	10 tr 2140	KWCT 27 WA 185
	2031	KTVX 4 UT 795	14 tr 0728	KAYU 28 WA 299

The cover of the July VUD says it all! Too many solar flares / geomagnetic
 disturbances. This is my worst E skip season on record. Auroral ionization hasn't been
 strong enough to produce useable video or audio on television, but some openings on 6
 meters. June 18th evening E skip, I was at work and logged a couple of Colorado /
 Wyoming FM's on a \$40 portable radio. Opening was done by the time I was home.

K68DL is a semi-regular. Programming is 24 hour 7th Day Adventist programs.
 Video has been strong enough at times to realize there is no local legal top-of-the-hour ID
 - not even a graphic. Just "3 Angels Broadcasting". Frequency is 68z.

Mike Cherry (continued) Also, locally KTZZ-22 has a translator in Bellingham, Washington on channel 48 (K48DM fm). A ham/TV DXer 14 miles away can barely pick it up with a Channel Master UHF and preamplifier. I will need some local enhancement to bring this one out. Also a problem - I don't know its exact frequency. Dave Sinclair in Vancouver is also watching for this one.
Hope everyone enjoyed the convention! I also hope E skip improved - May started off promising but June and half of July very poor! 73s, Mike VE7SKA

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718) CDT

DX from cabin at Alborn (Prosit), Minnesota

Equipment:

General Electric 19EC0740W (1980) - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

June 1991	1 Es 0845 (DXed FM)	7 Es 1259 unid channel 2
9 Es 1730 unids chs 2-4	1245 WKRN 2 TN 815	
WTVY 4(FL)1170	1400 WDIQ 2 AL 1115	8 to 15 - Away - no chance to DX.
(See Note # 1)	1500 WBRZ 2 LA 1155	
1745 WNL 4 LA 1190	1600 WDIQ 2 AL 1115	
1800 on to FM band	2130 WTVY 4(FL)1170	15 Es 1530 KOTN 2 TX 1020
13 Es 1600 KPRC 2 TX 1215	2200 KMID 2 TX 1150	1700 WFMY 2 NC 1010
(See Note # 2)	2 Es 0900 intense chs 2-6 (DXed FM)	1840 WAGA 5 GA 1010
24 Es 1800 unids chs 2-3	1130 WTVH 5 NY 850	1845 WSB 2 GA 1010
29 Es 1500 unids channel 2 (ABC/NBC/CBS/PBS)	1330 fade out	1900 WUNC 4 NC 1035
1530 KOTN 2 TX 1020	4 Es 1214 unid ch 2 Mexico ("eco")	19 Es 2300 KBCE 2 ID 1155
WBRZ 2 LA 1155	5 Es 0930 KPRC 2 TX 1215	2310 KTWO 2 WY 730
30 Es 2230 WUND 2 NC 1135	1000 unid ch 2 PBS	2315 KTVQ 2 MT 755
July 1991	7 Es 1100 WRAL 5 NC 1065	22 Es 1230 WMAB 2 MS 960
1 Es 0845 WTVY 4(FL)1170	1128 WFMY 2 NC 1010	1630 WFMY 2 NC 1010

Note # 1 - Super DX - only channel 4 in - like a local.

Note # 2 - Also noted in Minneapolis by my wife at the same time. Only channel 2.

At home in Bloomington, using my Zenith black & white set and a monopole on June 25th had KTVK-3, Phoenix, Arizona. I use this set as an indicator of E skip activity.

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661) CDT

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch; All tropo, some E skip: VHF-UHF (Winegard 8100?), Winegard preamplifier, RG-11, at 40 feet; Most E skip: Channel Master Quantum 1110 mounted vertically at 12 feet. (Replacement for previous low-band destroyed by March storm).

May 1991	28 tr 0432 K15CN 15 KS 305 (Salina TBN)	28 tr 0534 K66CN 66 AR 355 (Harrison TBN)
27 tr 2030 KTFQ 41 OK 410 OKC chs 14,34,43 AR chs 24,29,40	0443 K20-- 20 ?? (Unknown HSS)	(See Note # 2)
2207 KATV 7 AR 403 KTHV 11 AR 422	0450 unid ch 18 HSS (LPTV/KAAS-18 ?)	0541 KFAA 51 AR 359 KOKI 23 OK 410
2230 KASN 38 AR 424 2314 KARD 14 LA 583	0500 K59DA 59 KS 412 (Wichita TBN)	0710 KAYS 7 KS 475 0758 K58CX 58 KS 280 (Lawrence KTKA-49)
28 tr 0031 KFXX 51 TX 614 0105 KTEJ 19 AR 314 ("AETN" allnite)	0512 KOAM 7 KS 313 (See Note # 1)	Es 1406 KACV 2 TX 705 29 tr 0112 KTIV 4 IA 325 K20AD 20 MN 330 (Worthington KSTP- 5)
0138 K18BT 18 MO 135 (St. Louis TBN)	0524 KETG 9 AR 472 (Very rare)	0141 K52AB 52 MN 320 (St. James KARE-11)
0150 KMSS 33 LA 567 0239 K210D 21 MO 135 (St. Louis HSS)	0533 K42BS 42 AR 369 (Fayetteville TBN)	0144 K60DS 60 MN 234 (Rochester TBN)
0242 KLAX 31 LA 622		

Frank Merrill (continued)

29 tr 0200 K64-- 64 ?? (Unknown TBN)	12 Es 0600 WPBT 2 FL 1164 1836 CKCW 2 NB 1346	26 Es 1127 WUFT 5 FL 874 1150 WEAR 3 FL 698 KKTOT 2 NM HSC
0209 W27AR 27 IN 237 (Indianapolis WTHR-13)	13 Es 1300 KMOL 4 TX 883 1331 KMID 2 TX 866	July 1991
0211 =WFMJ 21 OH 523	KPRC 2 TX 799	8 Es 0956 WCBD 2 SC 795 1029 WUNC 4 NC 697 WUND 2 NC 834 WESH 2 FL 952
Es 1435 WSAV 3 GA 777	1400 KRGV 5 TX 1077	1100 WTVY 4 AL 712 1135 KRIS 6 TX 962 1145 KMOL 4 TX 883 1200 KMID 2 TX 866 WUFT 5 FL 874 WJXT 4 FL 867
1500 WPBT 2 FL 1164 "ICRT" 3 Cuba	1402 XEFB 2 NL 1161 1426 XHAE 5 CU 1195 1816 KIII 3 TX 967 1900 WESH 2 FL 952	1218 KALB 5 LA 658 1230 WAGA 5 GA 575 1244 KENS 5 TX 883 1300 KPRC 2 TX 799
1527 WEAR 3 FL 698	"NTV" 5 Cuba	1330 WCPX 6 FL 979 1330 WTVJ 4 FL 1163 WPTV 5 FL 1126 1400 WEDU 5 FL 990 WPBT 2 FL 1164
1529 WEDU 3 FL 990	1915 chs 2-5 Mexico	1728 XEFB 2 NL 1161 9 tr 0115 WSFJ 51 OH 434 WXIX 19 KY 335 (Strong) W68AA 68 IL 165 (Danville WAND-17)
1559 WPTV 5 FL 1126	2000 WWL 4 LA 728	13 tr 0315 WRGT 45 OH 340 WTTK 29 IN 246 (Abv 2 snowfree) W32AC 32 IN 277 (Muncie TBN)
1603 WESH 2 FL 952	2019 XHGV 4 VE 1500	14 Es 1900 WPBT 2 FL 1164 WEDU 3 FL 990 WTVJ 4 FL 1163
WTVJ 4 FL 1163	2024 "XHAI/XEX" 5 VE	1925 Cuba 3 Cuba 5 1929 WESH 2 FL 952 unid 2 Spanish (Cuba or 2Es ?)
1843 WTVY 4 AL 712 (DXed FM)	14 Es 1300 WFMY 2 NC 664	16 tr 2335 KMEG 14 IA 326 K45CQ 45 IA 277 (Council Bluffs TBN)
30 Es 1126 XEFB 2 NL 1161	16 Es 1716 WRAL 5 NC 734	17 tr 0215 K58AE 5 IA (Clarinda with WOI-5) (Nominal WOWT-6) K32AF 32 MN 320 (St. James KSTP- 5)
June 1991	17 tr 0133 KMSP 9 MN 342 (Strong)	2330 WPTO 14 OH 318 WPTD 16 OH 340 KMEG 14 IA 326
2 tr 2321 W28BE 28 IL 75 (Springfield religion) (All night)	0207 KDLO 3 SD 470 (Previous - Es)	18 Es 0150 KCFAP 2 PQ 1061 ("T.Q.S.") CFCM 4 PQ 1058 (AN test card) 0158 WTVJ 4 FL 1163 (Home Shp Spree) 0200 WPTV 5 FL 1126
3 Es 0028 WBRZ 2 LA 701 ("All News Ch")	0209 =KCCW 12 MN 486 (Ultra rare)	
0100 KIII 3 TX 967	Es 0659 KMID 2 TX 866	
0450 KUTV 2 UT 1127	0729 KGBT 4 TX 1069	
0502 KVBC 3 NV 1351 (ID slide - AN)	0730 XHRIO 2 TA 1026	
0505 @KCCZ 4 UT 1216	2202 unids chs 2-4 e (French)	
0547 KCRAT 3 CA	19 tr 0430 WQHS 61 OH 470	
0617 @KBCE 2 ID 1318	0436 WTOL 11 OH 386	
0622 @KDBC 4 TX 1063 XEPM 2 CH 1067 (ECO from XEW)	WADL 38 MI 425 WKBD 50 MI 403 W47AZ 47 IN 240 (Indianapolis VJN)	
1200 WUFT 5 FL 874	Es 1040 CKCK 2 SK 960	
WEDU 3 FL 990	1100 CBBCP3 3 SK 1030 CKND2 2 MB 818 KTVQ 2 MT 968	
WPBT 2 FL 1164	1400 KRTV 3 MT 1132	
1230 WCIX 6 FL 1182	1530 CKSA 2 AB 1271	
WTVJ 4 FL 1163	tr 2325 KHNE 29 NE 391 KCAN 8 NE 375 KCAU 9 IA 325 KELO 11 SD 369 (Thru KDIN-11)	
1610 WPTV 5 FL 1126	20 tr 0320 KDLO 3 SD 470 KELO 11 SD 369 ("Best ever")	
2100 KENW 3 NM 859	0340 KTSN 10 SD 551	
XEPM 2 CH 1061	0400 KWCH 12 KS 416	
2200 KVBC 3 NV 1351	0453 KSAS 24 KS 412	
4 Es 0029 XEPM 2 CH 1067	KABY 9 SD 488	
0032 XHRIO 2 TA 1026	0515 KAAS 18 KS 370 K14HK 14 KS 456 (Great Bend KSAS-24)	
0520 XEPM 2 CH 1067	0530 KGIN 11 NE 429	
1202 WESH 2 FL 952	0700 K57BX 57 SD 390 (Lake Andes KELO-11)	
1400 WPBT 2 FL 1164	23 Es 0048 CKCK 2 SK 960	
WEDU 3 FL 990	24 Es 1700 KXAS 5 TX 646	
7 Es 1429 WEDU 3 FL 990	XEFB 2 NL 1026	
8 Es 1330 WPBT 2 FL 1164	25 Es 2100 KMID 2 TX 866	
WESH 2 FL 952	KENW 3 NM 859	
10 Es 1900 KSL 5 UT 1128	XHIT 4 CH 1194	
1916 KGWN 5 WY 752	26 Es 1059 KSWK 3 KS 589	
1959 KOTN 2 TX 646	1127 WESH 2 FL 952	
2106 unid ch 4 "XH--"	WEDU 3 FL 990	
2131 KUAT 6 AZ 1241		
2200 KWGN 2 CO 772		
2320 KTVQ 2 MT 968		
2323 KRTV 3 MT 1132		
2345 KNAZ 2 AZ 1197		
2351 CKXX 2 AB 1345		
12 Es 0149 CKND2 2 MB 818		
CFSS 3 SK 871		
0152 CKBI3 4 SK 1028		
0157 =CITL 4 AB 1271		
0159 CFSK 4 SK 1100		
0600 WEDU 3 FL 990		

Frank Merrill (continued)	19 Es 1900	WPTV 5 FL 1126	26 Es 2000	WUND 2 NC 834
	1930	KSRE 6 ND 746	2158	WEDU 3 FL 990
18 Es 0230 unid channel 2	2030	CBWFT 3 MB 725	2159	WRBL 3 GA 648
(See Note # 5)	2118	CBWFT4 3 MB 848	2200	WPBT 2 FL 1164
tr 0410 W15AM 15 MI 312	2125	CKBI 5 SK 1125	27 Es 1700	WCBD 2 SC 795
(Grand Rapids WHME-46)		CKBI3 4 SK 1028	29 ms 0353	WCBD 2 SC 795
WTVS 56 MI 403	2136	CBWFT7 2 ON 670	Es 2156	KUTV 2 UT 1127
Es 0545 WPBT 2 FL 1164		(See Note # 8)	2200	KMOL 4 TX 883
1029 KCWC 4 WY 944	2146	CHSS 6 SK 1013		KENS 5 TX 883
1030 KLBY 4 KS 574		CKOS 5 SK 941	2203	WBTV 3 NC 622
1100 KREX 5 CO 954		CFSS 3 SK 871	30 Es 0100	KJAC 4 TX 735
("Western Slope")	2218	CBKFT2 3 SK1125	0115	KGBT 4 TX 1069
1128 KSRE 6 ND 746		(See Note # 9)	0118	KMOL 4 TX 883
1300 CBCP3 3 SK 1030	2300	CKKX 2 AB 1345	0125	KDFW 4 TX 646
CBKT1 4 SK 1006		CFCN 4 AB 1341	0159	KPRC 2 TX 799
CJFB 5 SK 1072	2316	unid channel 3+	(All Night Movie)	
CKCK 2 SK 960		(See Note #10)	0204	KIII 3 TX 967
1329 CFQC1 3 SK 1150	2330	KRTV 3 MT 1132	0434	KUTV 2 UT 1127
CITL 4 AB 1271	20 Es 1820	KXMA 2 ND 750	1230	WPBT 2 FL 1164
1930 XHGV 4 VE 1500	1856	KBME 3 ND 661		Cuba 3
(See Note # 6)		KNSE 4 ND 841		WTVJ 4 FL 1163
2101 XHHP 3 TA 1300	1858	CJFB 5 SK 1072		WCIX 6 FL 1182
(Soto La Pesca)		CBCP3 3 SK 1030		(DXed FM)
(See Note # 7)	1929	KFYR 5 ND 962		
2113 CKCK 2 SK 960	21 Es 1029	KNAZ 2 AZ 1197		
tr 2323 KARD 14 LA 583	1858	WYFF 4 SC 572		
19 tr 0025 Ft. Wayne, Green		WCBD 2 SC 795		
Bay, Detroit,etc		unid ch 5 CBS		
UHF's	24 tr 0001	WJHL 11 TN CCI		
0250 @WZZM 13 MI 312		WUSI 16 IL 174		
WTOL 11 OH 386		(Way over WTJR)		
0348 CIII22 22 ON 437	0026	W65BV 65 IL 75	4 tr 0500	W17AZ 17 IL 185
CIII29 29 ON 464		(Springfield w/WFIE)		(Johnston City TAB)
Es 1200 WBRZ 2 LA 701		(Normal WSEC-14)	0510	KAFT 13 AR 369
1800 KMID 2 TX 866	25 Es 1059	WPBT 2 FL 1164		KTEJ 19 AR 314
WEDU 3 FL 990		unid 2 Spanish		(Apparently all
WTVJ 4 FL 1163	26 Es 1859	WCBS 2 NY 870		night Saturday)
KRGV 5 TX 1077	1929	WCAX 3 VT 947		
1900 WUFT 5 FL 874	2000	CFCM 4 PQ 1058		

- Note # 1 - Awesome! Over 50 mile KHQA in the same direction.
- Note # 2 - K60CL IA not on now, or since. It's gone!
- Note # 3 - Toward Minnesota. Is K64DG, Iowa City on?
- Note # 4 - Rarely I see "13-" CCI toward Chicago overnight on mornings that WGN-9 is snow free. WTHR-13 off. I suspect W13BE Chicago (VJN), but I've never had their audio or video. Will keep trying.
- Note # 5 - "QUEBEC" Phillips round test pattern. CBFTs overnight says "MONTREAL".
- Note # 6 - I've never had a map where I could measure accurate distances to "deep" Mexico, and I would like to know the true distance, since this is only an estimate. My coordinates are latitude 40.458 N, longitude 90.629 W (decimal). While on the subject of Veracruz, is "Las Lajas" a suburb of Veracruz City? Also, where are XEX/XHAJ-5&6? XHAJ is the Las Lajas one, but XEX in Altazoni is on no map I own (nor is Las Lajas). WTFDA Database shows XHAJ-5; another book shows XHAJ-6!
- Note # 7 - I started to doubt the existence of this, because WTFDA Database shows this at 100 kW. With such power, and few other channel 3s nearby, this should be a "pest". Erp error or bad engineering?
- Note # 8 - Parallel to CBWFT-3, channel 2+ audio (only other channel 2+ SRC is CBGAT22, Quebec, which was not received with antenna north-east).
- Note # 9 - Audio only; channel 3+, Saskatchewan PSA during news; program promo mention of Regina.
- Note #10 - Canadian from the northwest - news in English. Nothing fits!

Most common E skip visitors in 1991 as of 1500 on August 4th:

- Channel 2: WPBT-FL (11), WESH-FL (8), XEFB-NL/KMID-TX (5), WCBD-SC (4)
- Channel 3: WEDU-FL (9), KRTV-MT (4), KIII-TX (3)
- Channel 4: WTVJ-FL (7), KGBT-TX/KMOL-TX (4)
- Channel 5: WPTV-FL (6), WUFT-FL (5), KRGV-TX (3)
- Channel 6: WCIX-FL/WCPX-FL (2)

Frank Merrill (continued) After repeatedly complaining about the "poor E skip season", I now must say that it was overall only somewhat below average, or close to average. A late July rally (with good FM openings on the 18th and 30th and a good TV opening on the 19th) certainly helped. Thanks to logging both WAGA and KALB on the 8th, I can ignore almost all "single-hop" English 5s for the US, needing only WDTV-WV, KIVV-SD and KXGN-MT within 1500 miles, though technically I need WTTG-DC on E skip, having logged it only via meteor scatter. Channel 4 has nothing needed in the arc from WTAE-PA to WCBI-MS. Most wanted E skip targets are now WSB-2 GA and KYUS-3 MT and anything via double hop E skip from the Caribbean region. I'm actually surprised that a southern E skip opening has never linked up with a second hop to El Salvador or Venezuela, for instance on channels 2 or 3, because with only WEDU-3 FL, channel 3 is relatively clear. I'm hoping to put up a 70' tower with separate VHF/UHF antennas and preamplifiers around October. At least some of the expensive projects which made this impossible are now out of the way. I hope to have seen some of you in Dunkirk. Anybody who has room should consider a low, vertically mounted VHF antenna for E skip! Without that setup, at least WAGA-5, KALB-5, CBWFT7-2, and KFYR-5 would not have been logged with the high horizontal antenna. 7 tea trees.

(Frank, regarding your channel 20 with Home Shopping Spree - it would seem that it was either K20BU (KAKE-10) Russell KS or K20BR (KWTW- 9) Fargo OK. Does anyone know if either (or both) of these carry Home Shopping Spree overnight. Regarding K64DG, it was licensed January 31, 1991. fm)

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.

May 1991	4 Es 1130	KGFE	2 ND 1440	July 1991	
19 Es 1028	KMID 2 TX 1080	KSWK	3 KS 1090	1 Es 1200	KACV 2 TX 1060
20 Es 0900	KOAA 5 CO 905	KDBC	4 TX 855		KDFW 4 TX 1365
	0901 unid ch 5 WY	0900	KOAA 5 CO 905		1230 KENW 3 NM 975
	0930 KLBY 4 KS 1085		XEPMT 2 CH	2 Es 1130	KGFE 2 ND 1440
	1130 KCNC 4 CO 890		1029 KENW 3 NM 975		KOTA 3 SD 1090
	1300 KREG 3 CO 775		1300 KXMA 2 ND 1195		1133 KPRY 4 SD 1230
	unid ch 2 PBS		14 Es 0900		1329 KREM 2 WA 845
	1329 KACV 2 TX 1060		KAMR 4 TX 1055	16 Es AM	chs 2-4 Mexico
	1330 KSNW 3 KS 1285		KOB 4 NM 800	17 Es AM	chs 2,4 Mexico
21 Es 1030	CKCK 2 SK 1305		KNME 5 NM 800	18 Es 1130	KSNC 2 KS 1220
24 Es 1226	unid ch 2 HKS (KKTO Santa Fe?)		XHIT 4 CH 980		KOAA 5 CO 905
			XHCHT 2 CH	24 Es 0900	KMID 2 TX 1080
28 Es 1530	KACV 2 TX 1060		15 Es 0900	KFDX 3 TX 1260	26 Es 0900
			24 Es 1230	KREM 2 WA 845	KLBY 4 KS 1085
			1230-1400 unids 2-6 n		KSWK 3 KS 1090
June 1991			(No time to DX)		1028 +KAID 4 ID 610
3 Es 1045	CKKX 2 AB 1115		27 Es 1500	CBUT 2 BC 955	1030 KBCI 2 ID 610
	1100 KREM 2 WA 845		1530	KOMO 4 WA 835	1032 KRTV 3 MT 955
4 Es 1027	KFYR 5 ND 1275		1547	KING 5 WA 835	1100 KXMA 2 ND 1195
	1030 KBME 3 ND 1275				1101 KXLY 4 WA 870

My first report this year - working two jobs now and don't have much time to DX. The openings I did catch didn't seem very intense - mostly short lived, but a few did make it into FM for awhile.

No tropo noted here. Occasionally hear San Francisco on FM (mostly 88.5) and tropo scatter on channel 44, but no enhancement to speak of - sure miss the long haul tropo! Fun to watch my former local and semi-locals (KENW-3 and KMID-2). Haven't seen Lubbock 5 yet. Til next time, 73s. Jim

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

Equipment: See July 1991 Western TV-DX

July 1991	4 Es 2020	unid channel 4	5 Es 0715	WBRZ	2 LA 1002
	4 Es 2020	CKCWT 2 NB	2057	CBHTt	3 NS
		CKLTTt	3 NB	CBITt	2 NS
				KATC	3 LA 1034
				WWL	4 LA 1026

William Draeb (continued)

8 Es 0215	KXAS	5 TX	975	19 Es 2129	KGWL	5 WY	
0226	KRIS	6 TX	1285	2200	KRTV	3 MT	
1058	KBTX	3 TX	1079		KTVQ	2 MT	
1100	WEDU	3 FL	1192	2302	KXLF	4 MT	1210
	WRBLT	3 GA			KOUST	4 MT	
5 Es 0715	WLBT	3 MS	865	20 Es 1703	WEDU	3 FL	1192
0718	WDSU	6 LA	1026		WESH	2 FL	1125
0737	KJACT	4 TX			WJXT	4 FL	
0920	KMOL	4 TX	1210		WUFT	5 FL	
1000	KIII	3 TX	1285		KOTat	3 SD	
1930	KREG	3 CO	1075		KDUH	4 NE	767
	KCNC	4 CO	952		KREG	3 CO	1075
	KTVt	4 UT			KCNct	4 CO	
	KUTVt	2 UT			KUTVt	2 UT	
	KWGnt	2 CO			KTWc	2 WY	
1946	KTVS	3 CO	830		KCWct	4 WY	
	KOAAt	5 CO			KGWlt	5 WY	
1953	KRTV	3 MT	1155		KLNct	3 NE	
2000	KTVQ	2 MT			2015	all gone	
	KFBt	5 MT			21 Es 1900	WDIQ	2 AL
2008	KXLVt	4 WA				unid channel 4	
2032	KLEW	3(WA)	1436		2134	WBRZ	2 LA
2045	KIDK	3 ID	1245		0700	WDIQ	2 AL
6 ms 0608	CBFT	2 PQ	685			WBRZt	2 LA
Es 0705	WCCB	2 SC	914			unid channel 2+	
	WYFFt	4 SC			0727	WFMV	2 NC
	unid ch 4 west					WCB	2 SC
7 tr 0523	W69AV	69 MI	95		0728	WCIVt	4 SC
	(Leland w/WHME-46)					WCSCt	5 SC
	(Normal via W46AD)				0729	WEDU	3 FL
1037	W66BD	66 IN	260			WSAVt	3 GA
	(Fort Wayne TBN)				0800	KDFW	4 TX
Es 1128	KACVt	2 TX			1225	KCNC	4 CO
	KBTX	3 TX	1079			unid channel 3	
	KIII	3 TX	1285		1230	KACVt	2 TX
	(Pgm in Spanish)					KAMRt	4 TX
	KAMRt	4 TX			26 Es 0815	unid channel 2	
1143	KPRCt	2 TX				(No time to DX)	
	unid channel 6						
1157	KACBt	3 TX					
1631	chs 2-4 e Canada						
1640	gone						

Note - KDUH-4 @ 2030 - Their own ID slide. Not joint ID with KOTA-3 as seen previously.

It looks like WSCO-14 is off for good. First noticed they were off on July 11th. In another bit of news, CBS Inc. purchased Midwest Communications Inc. which owns WCCO-4, WJMN-3, and WFRV-5 along with some radio stations, etc. What this means is that my local WFRV-5 will be changing network, going from ABC to CBS, as will WJMN-3. WLUC-6 and local WBAY-2 will also be changing, probably to ABC. One good thing which may result from this is that local WBAY-2 which is now on all night, five days a week, may give up that practice. I hope.

Yesterday (July 30), I noticed that local WPNE-38 was considerably weaker. Actually, they were just a little better than W57BJ (local translator) and snowy with an indoor antenna and CMA-Ub preamplifier. With my regular UHF setup, as I turned the dish toward Green Bay, channels 26 and 32 wiped them out completely!

I called the station to see what's going on. The girl I talked to said the station is operating at about half power (I would say it's considerably less) and that they are in the process of moving to a higher tower where they will be running more power than originally. The change is to be completed by mid August. 73, Bill

(The weekly addenda to Television Factbook has not even reported an application by WPNE-38 to change facilities! fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MDT

Equipment: See August 1991 Western TV-DX

July 1991		5 Es 1020	WSB	2 GA	1202	11 gw 0800	KREG	3 CO	126
5 Es 0900	WRCB	3 TN	1117	1022	WREG	3 TN	878	13 tr 0615	KSNK
	WKRn	2 TN	1017	6 Es 2000	CKVR	3 ON	1354	14 tr 0800	KRNE
									12 NE
									310

Doug Allen (continued)

15 tr 0500	KWNB	6 NE	243	15 tr 0542	KSNK	8 NE	241
0538	KRNE	12 NE	310	0545	KPNEt	9 NE	
14 tr 0801	KSTF	10 NE	221				

E skip uncommon this month despite several good openings spent mainly on FM and 144 MHz. CKVR on July 6th was my first Ontario.

Tom Bryant clued me in to KREG in Glenwood Springs. I thought it was very low power and hadn't even tried for it since improving my system. It turns out to be regular ground wave reception!

Tropo down from last year; nothing much past 300 miles though the Nebraska tropo on July 15th very strong with tentative KPNE-9 overriding line of sight Denver channel 9 for a short time!

Have been dissatisfied with UHF preamplifier, a very inexpensive, high gain Taiwan model. Imaging and overloading on the Denver high power stations made DXing north almost impossible. On July 17th, I replaced the EUV4 preamplifier with Antennacraft APU378 advertised as a high input model. Noise figure about the same, gain lower as advertised, and no overloading or imaging problems! Remember, always buy low noise figure, not high gain preamplifiers! Unfortunately, my rotor stopped working on July 18th so haven't had a chance to TV-DX since then. Now that out our unusual monsoon weather is finally over, I'll go up the tower and try to fix it! 73, Doug

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channel Master 1110 Quantum with Channel Master 0064C preamplifier and RG-11U at 28', Antennacraft P-7 with Winegard PA-4975 preamplifier and RG-11U at 33', Alliance HD-73 rotor, Winegard DA-8150 post-amplifier, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

May 1991		29 tr 0039	K18DI	18 MN	166	10 aE 0112	@CFRS	4 PQ	1031
7 Es 1945	unids chs 2-4		(Granite Fills STV-CBN)				0138	@CKRD	6 AB
2100	KPRC	2 TX	1109		K16CP	16 MN	166	0200	CFAC
19 Es 2100	KPRC	2 TX	1109		(Granite Fills STV-SCA)			12 aE 0155	CFAC
21 tr 0005	WDAZ	8 ND	330		0041	K49AJt	49 MN	0156	CKSA
Es 2309	KIII	3 TX	1261			K51ALT	51 MN	tr 0159	KFME
28 ls 2301	KELO	11 SD	247			K57AE	57 MN		13 ND
	(See Note # 1)					(Olivia	KTCA-	2)	
2305	Sioux Cy	4,14,27,				K61AU	61 MN	166	5 Es 1358
tr 2311	KLJB	18(IL)	298			(Granite Fills WCCO-	4)		(See Note # 3)
	WQAD	8 IL	298			0219	KTAJ	16 MO	416
	WHBF	4(IA)	281			0456	@WLUC	6 MI	223
	(See Note # 1)								
2326	KIIN	12 IA	259			June 1991			
29 tr 0022	K24CS	24 MN	166			3 Es 0035	KBTX	3 TX	1047
	(Granite Fills STV-CNN)					0041	KIIIt	3 TX	
0034	K26DG	26 MN	166			0115	KPRC	2 TX	1109
	(Granite Fills STV)					2226	KVBC	3 NV	1350
0035	K28BZ	28 MN	188			6 aE 0139	CKRD	6 AB	1079
(Marshall	KELO-11)					0145	CFAC	2 AB	1081
	K30AC	30 MN	188			0146	CFRN	3 AB	1086
(Marshall	KSTP-	5)				0201	CKSA	2 AB	967
0038	K22DO	22 MN	166			10 aE 0109	&C---	2 PQ	
	(Granite Fills STV-TNN)								(See Note # 2)

Note # 1 - Severe thunderstorms in the Twin Cities knocked KARE-11 off the air just as meteorologist Paul Douglas was giving a severe thunderstorm warning for the metro area. Also knocked off at approximately the same time were WCCO-4, KTMA-23, KITT-29 and a few radio stations. KTMA-23 did not return to the air until 0600 or so the following morning. The absence of WCCO-4, coupled with lightning scatter enhanced tropo to the south finally allowed me to log much wanted WHBF-4.

Note # 2 - Running a Phillips test pattern identical to CBFT-2s except the top and bottom read "QUEBEC" and "RADIO-CANADA" rather than "MONTREAL" and "SRC/CBC". Perhaps a repeater of CBVT-11, Quebec?

Note # 3 - Spanish language station running ads mentioning San Antonio. One such ad included the phone number 740-8983, but no area code was given, suggesting a local call. I find it hard to believe it could have been, but could this have possibly been K02MX in San Antonio? I believe their erp is only 37 Watts.

Michael Parks (continued) Not much DX this report due to both lack of time to watch and lack of a good antenna system. On June 13th, a lightning strike took out both preamplifiers, the rotor control box, and the TV. The TV has long since been repaired with only two ICs needing replacement, but the preamplifiers and rotor are proving to be more of a challenge. The circuit boards show no obvious damage so I believe them to be repairable, but just try finding a dealer who can repair them. I'm not entirely enthusiastic at the prospect of shipping them to their respective manufacturers for repair. Even if I were, Alliance, to my knowledge doesn't even make the HD-73 anymore. I may just get new ones and save myself a lot of hassles. Hopefully, if things go well, I'll have it all back up in a month or so - just in time for the height of the DX season to start coming to a close!

Thanks go to Danny Buntin and Glenn Hauser for their informative responses to my KSBI-52 inquiry. It was much appreciated. 73, Mike

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

July 1991	19 Es	1814	(MUF 90.1 - TN)	August 1991
19 tr 0827 K39CH 39 MN 185	1827	WKRG	5 AL 1215	9 Es 0110 unid ch 6 HSS
(Redwood Fls KELO-11)	2043	(MUF 107.7 - TN)		0117 KTVI 2 MO 660
0849 WTVP 47 IL 560	2156	WRAL	5 NC 1215	(MUF 89.5 >0127)
0851 K58AS 58 MN 185	20 Es	1656	KETS 2 AR 890	0129 KMOV 4 MO 665
(Redwood Fls STV-TNN)	1858	WMC	5 TN 885	unid ch 4 HSS
0903 K17CS 17 MN 125	1938	(MUF 89.5 - MS)		0145 WAGA 5 GA 1115
(Appleton TBS)	22 Es	1130	KTBS 3 LA 990	0200 WSIL 3 IL 755
0906 WEEK 25 IL 560	1159	KPRC	2 TX 1195	0238 WTVF 5 TN 895
0925 Olivia MN xtrs	1258	WFMY	2 NC 1155	0257 WSB 2 GA 1115
0929 KXLT 47 MN 290	1659	(MUF 88.5 - DC)		11 tr 0045 K150C 15 MN 125
Es 1227 KNAZ 2 AZ 1120	1700	WMAR	2 MD 1135	(Appleton CBN)

The E skip of July 19th was quite good, opening up to Florida on double hop FM at least twice between 1800 and 1930.

Also nice was the overnight E skip of August 9th. I presumed this was auroral induced, but I haven't been following auroral conditions this year. I thought I could log needed KSDK-5 with both KTVI-2 and KMOV-4 in well, but no sign. Do they sign off early? Fortunately WTVF-5, which also has eluded me, was logged.

Jerry Stuart of Lawton, Oklahoma sent a clipping from the July 19, 1991 Lawton Constitution concerning the merger of Oklahoma City's two biggest independent television stations. Heritage Media, the owner of KAUT-43, has purchased KOKH-25 and has transferred the license for channel 43 to the Oklahoma Educational TV Authority. The new station was to have begun operation as "Fox 25" on August 15, and on that date, channel 43 was to have begun educational programming.

THEY GOT US COVERED...And they deserve our thanks. We'd like to acknowledge the following DXers for providing us with material for use on the VHF-UHF DIGEST cover in recent months:

JUNE V.U.D. COVER: Map courtesy Bruce Elving's extensive collection.

JULY V.U.D. COVER: (Top part) Art and layout by Robert Twomey.

AUGUST V.U.D. COVER: Promotional material supplied by James McIver.

THIS MONTH'S V.U.D. cover: Courtesy Lenny Goldberg, via KSOR 90.1

Thank you all for helping make the V.U.D. look good!

Television News

Doug Smith, Editor
14 Brookside Court
Nashville, TN 37209-4503

ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
nc= No change

APPLICATIONS FOR NEW TELEVISION STATIONS

St	Ch	ERP	HAAT	Call	City/Applicant
FL	46	2385	277		Panama City Beach; Sunkissed Bcstg. Inc.

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
MA	57	nc	306	WGBY-TV	Springfield
MD	62	3366	138	WFPT	Frederick
NC	25	1256	351	WUNK-TV	Greenville

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
FL	22	11.2	62	WEYS	Key West
FL	46	3192	nc	WNPL-TV	Naples
MN	29	5000	373	KITN	Minneapolis
VT	28	274	429	WVER	Rutland
WA	5	nc	356	KING-TV	Seattle
WI	48	60	98	WEUX	Chippewa Falls

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CO	53	5000	193	KWHD	Castle Rock
MN	10	316	301	WDIO-TV	Duluth
MS	30	1600	187	WGBC	Meridian

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AR	51	79.4	145	KFAA	Rogers
NC	42	2750	390	WTVI	Charlotte
PR	12	275	665	WOLE-TV	Aguadilla

CALL LETTERS ASSIGNED TO NEW STATIONS

St	Ch	Call	City
CA		KLXO	El Centro
MI		WYYC	Battle Creek

CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	New Calls	Old Calls	City
SD	12	KTTM	KIID-TV	Huron

ADDITIONS TO THE TABLE OF CHANNEL ASSIGNMENTS

St	Ch	City
CA	23	Ceres
CO	47	Alamosa
MI	45	Vanderbilt

(Note: Channel 23 was deleted from Modesto and moved to Ceres)

OTHER STUFF

The Commission has adopted a set of "rebuttable presumptions" for use when considering applications for "satellite" stations. Previously, such applications were handled on a case-by-case basis.

KQEC-TV San Francisco has been given an extension on its life; it'll be required to cease operation by midnight August 30. This is the station that lost its license over unauthorized "silent periods" taken to save money.

FORUM

It's going to be hard to fill Bill Fahber's shoes in running this column. But I'll give it my best shot.. Contributions on technical & legal issues involving TV are appreciated. So are suggestions for changes in the column. I can be reached by mail at the address at the top of the column; by phone (615-356-8305, noon to midnight); by Comuserve (72777,3143); or via ham packet radio @W4HHY.TN.

Just a few short local notes.. WJFB-66 has been off since March. The LPTVs (10 and 61) that had relayed them stayed on for about a week longer with ID color bars (including an ID for WJFB) then went off too. I don't expect this one to come back.

I've been seeing a Channel America on 27. Too weak to read the IDs, but watching the ChA satellite feed straight off the bird shows this to be W27AN Murfreesboro.

E-mail from my former boss in Wisconsin indicates that W33AX Madison is now on the air with TBN. The transmitter is on Springfield Hill, about 15 miles NW of Madison.

73 Doug

Selectivity Improvements, Readers' Critiques and: Yes, Virginia, There is Such a Thing as "Lame" Radio!

"The sky is falling! The sky is falling! Long live the club!" implores Gus Mancuso. "Am not going to contribute if you persist in trying to make me look stupid, I wrote in. You printed one sentence out of context making statement sound unclear. I wrote to you telling you about it. One of the things I wrote was, 'it was sitting alone like a U.F.O.' . . . You quoted out of context. It means the sentence you printed was sitting alone like a U.F.O. You then quoted me as saying 'it was sitting alone like a U.F.O.'; that is, you did it again. The sentence 'it was . . . U.F.O.' was sitting like a [nother] U.F.O. Then you did it a third time! That was by quoting out of context my statement that frequency changes are more important than minor tower/power changes. You conveniently left out the gist of the matter—that I was telling you to list frequency changes apart from power boosts. Hey, I'm doing you a favor by sending info. You're not doing me a favor by reading it. Extraneous print on envelope [about sky is falling] refers to enclosed Washington Post Article. . . New handle 96.1 VA [Cape Charles] "Touch FM," now WMYA. The "sky falling" allusion is to a plan by which FM-like quality would come to consumers via satellite, World-Space, which is set to take off initially over Africa. To hear it you'd presumably need a three meter dish on a flatbed truck. I know that won't stop DXers; maybe they'll use two dishes and phase cancel the satellite signals as they romp around the freeways. Attending the WTFDA confab puts me in a mood like this. "AM Happenings Caused," continues Gus—"WMAL 630 now calling itself news 630, although there has been no increase in news. How do you get new station info? From FCC?" [Yes, from an expensive messenger service, known as Fair Press Services. Right now I owe them \$182.76 for July expenses—\$31 subscription costs, plus postage and photocopy expenses of texts and releases. Information which used to be free costs users now under the Nixon, Reagan and Bush administrations. Since I don't get paid by the WTFDA, anybody willing to send a check to help underwrite this information service is welcome to contribute. Donations accepted at my address, printed above. Of course, I also appreciate information sent by readers. I do not publish a column deadline, since info is constantly added to my database, which includes the "FM Atlas" and FMedia! newsletter, although this column's tends to be the day the previous month's VUD arrives in the mail. That way, I can print the "See Also" feature culled from the last month's issue.] "You've been listing WICO-FM as being moved to 97.5 (to allow new station in Cambridge MD to use 94.3 because they would be too close to 97.7 Lexington Park). It has not moved yet, though it could be soon as calls (94.3) have been assigned (WFBR)." His "Superband-Scan II" from South Hill VA enabled DXing 211 stations, including a bunch of station changes for the "FM Atlas." He heard 11 states with the longest tropo

WLTW 106.7 New York. "On the WXIE move from 92.1 to 92.3—I'm told the 'M Street Journal' missed that one, too."

A note from Philip Michael Martin: "You continue to do a great disservice to radio and especially the physically challenged by using the term 'lame' to describe (usually) soft adult contemporary stations. The connotation that it's music for the 'lame'—those who could only sit and enjoy it, not get up and dance like a tee nager, is unacceptable. As a physically challenged person I am deeply offended every time you use that term and that was the major factor in not renewing my subscription to FMedia!" [I reject that argument as invalid (pun intended), as I feel that, although subjective, it can describe certain radio formats—mostly "adult contemporary," which are copied endlessly from market to market and often by multiple stations in the same market. They are not distinctive to DX and, whether you like to get up and dance or not, they are there like, as Gus would say, "U.F.O.s," occupying FM frequencies at low cost to program—often programmed by consultants—and resulting in an FM dial clogged by multiple stations, often without sign offs. Such sound-alike outlets might better serve listeners and certainly DXers by not being on the air at all. I am sure a good many are marginal operations, and will not last. A check of FMedia's "Off Air or Not Yet On" shows each month a bunch of FMers not staying on the air. The notion that using the word "lame" is a disservice to handicapped individuals was considered when Ernie Cooper first brought it up over a year ago. To accuse a radio station of being "lame" is, instead, kind of cute, and credit goes to Bill Nienajadly for inventing it. It no more shows offense to handicapped individuals than calling something a "left handed compliment" knocks persons who are left-handed, or by referring to it as "a black mark on one's record" as being against blacks. Bill and I discussed this concern of Martin's, and he agreed when I told him of the response I would have to the charge that "lame" disparages handicapped individuals. Lighten up, Philio!]

The latest catalog of airchecks, No. 11 is ready. "And it may be the last. Sales are down despite my prices being in the \$5-\$6.50 range and other companies (there are twice as many as when I started in '86) having \$7-\$9 prices. I have been trying to find someone to buy me out for six months with no luck. Please mention to your readers that a catalog is available for just a 4-cent stamp (have plenty of pre-printed 25-cent envelopes left)." Write Philip Michael Martin at PO Box 568, East Hanover NJ 07936. His tapes seem to be mostly of rock stations, such as the New York City "air wars" and the 2-90 Gary Bryan's "Screw the Zoo" campaign on WPLJ, and if you can tolerate it, Howard Stern. His 4-cent's catalog fills four sheets, eight pages.

I wrote to Nick Lombardi and mentioned how I nearly drowned in an area lake, trying to swim out to my daughter on a raft, far away from the roped-off swimming area. It took two lifeguards to bring me safely

to shallower water. Nick said: "Your lake incident must have been scary. My mother used to be a Red Cross swimming instructor, and I spent quite a lot of time at the local pool and various beaches off the coasts of Virginia, North Carolina and Florida. . . I learned early on that it's all in the breathing: if you ever get tired, try to stay calm and take a deep breath and you will float." [I tried that and find that I cannot float; maybe I don't stay calm enough!] "I assume you will keep the special 'hobby' rate for FMedia! when regular rates go up. And you need to show it on a separate sheet of paper, not on the same renewal form you send your professional readers. And with your special 'VUD' introductory rate, you've really created a hodgepodge: Want to get FMedia!? Well, let's see, my rates are \$18, \$25, \$45 and \$65. And I may have another Blue Light Special next month." Nick sent an "indoor antenna survey" from the "Absolute Sound" of July, August, 1991. None seem impressive, compared to the massive rigs many FM DXers use, with one of them, the AudioPrism APPA-8500 listing at \$450! "On the basis of performance alone, I did not find the APPA-8500 to warrant its cost," writes the reviewer. The article even refers to use of antennas for phasing, mentioning Richard Modafferi's article, "Kill FM Interference with Two antennas," Audio, January, 1980.

Lenny Goldberg sent station news from OR. "I wasn't going to bother writing all this to you as I felt it was all rather minor, but today I noticed the exclamation mark on the end of 'contributions earnestly solicited', and it motivated me to write." He heard the new KGAL-FM 102.3 Brownsville OR coming in on his local Family Radio translators on 107.1, 103.9 and 106.3. "The next morning I called KGAL and they had only recently gone on FM with a rather weak signal. They told me I was experiencing E-skip, but couldn't explain why it was on those three frequencies. I guess the antenna that was receiving Family Radio from Ukiah CA got blown 180°. . . Eventually, the correct station faded back in. The engineer at KGAL sounded pretty worried about it, once he started to believe my story I was picking them up in Ashland. I don't count how many stations I've received, like many DXers do. But I'm curious—if I did count, would picking up KGAL in this manner count as three, one or not at all?" [I would count only the translator itself as one station, or three, if you DXed three separate translator frequencies—b.e.] Another strange item is that KROG 105.1 Phoenix OR came on the air early this year in mono, simulcasting KDOV an AM. "It was only on a couple of weeks and I understand that KDOV didn't want to pay the asking price to rent the transmitter. I noticed that you had it listed as soon to be stereo, but it's been off the air and I haven't even heard them testing. How can someone just hold onto and control a frequency like that?"

John Jefferson confirms that KXJZ *88.9 Sacramento is in stereo, largely jazz and news, while co-owned KXPR *90.9 is classical and news. He sent news of FM in AB, from which he got skip, and NE. "Do we have to have KTNE-FM Alliance and KTSD-FM Reliance SD both on 91.1? Due to the similarity of calls and city name, didn't realize they were a new logging for several hours after the fact," and he got a couple ten-watt translators skipping out.

Two readers, including member Robert Baker, sent an item from the 8-4-91 "New York Times," about all the new FM stations coming on the air creating interference. The article by Hans Fantel shows no recognition of selectivity improvements which can be done to FM tuners, and which this club has pioneered. It recommends the Onkyo Integra T-9090II at \$750 list, Yamaha's TX-2000 at \$749 and Harman Kardon's Citation 23 tuner at \$699 with its "Active Tracking" circuit as being best in sorting out stations interfering at "alternate channels."

On air says Mike Cherrv: IRIF-FM 107.1 Jamaica's Montego Bay translator. It had been off because of converting to full solar power, now 7.5 kw. Solar panels were having problems with too much heat! KZAZ *91.7 Pellingham WA was to have been testing, but so far nothing heard. Mike mentions Nathan P. Stubblefield's claim to have perfected wireless before Marconi, and you can read more in the Aug. (1991) issue of "Popular Communications." Mike hopes to take another "DXers holiday up Vancouver Island in a few weeks and hope that tropo conditions will be usual there—ideal. Hopefully Alaska, the one state that has always eluded me on FM, then TV and now 6 meters will show up sometime. The fact that I received a 960-km tropo reception of CJFW 103.1 Terrace BC (which isn't too far from the AK border) last summer from Comox-Courtenay BC (180 km north of here) may make such a feat possible."

Greg Hardison sent word from Mexico and his DXing in Guadalajara, discovering the new XHLLA 89.1, \$, jm, all announcing in Spanish. This leaves only 88.3 open in that city, and all other stations were as shown in the current "FM Atlas." He got a good view of the eclipse from San Blas NAY, with the only FM heard being the 97.7 one in Tepic. "The area along the Jalisco/Nayarit border should be an FM DXer's paradise—no locals on the dial between Guadalajara and Tepic, with plenty of rolling hills in between. . . Keep up the great work! Also a quick local note: KODJ 93.1 now KCES-FM; no changes in format or air personalities."

Doug Allen sent an antenna my way, and he commented on the FM tuner he modified, which I later added SCS to. It had 150 kHz filters in it, which I suspected. And KKCI 102.5 Goodland KS is indeed stereo.

I will have to order a new tuner soon, as I sold my Magnum Dynalab on the trip going to the convention. I also sold a Pro-2006 Radio Shack scanner to which FM/SCS was added (a Christmas present from Carol), so I have no quality equipment for listening or DXing on. At the convention, I took in trade from Tom De Pauw a Fisher 500TX receiver to match a 500TX that I have owned since 1969—something more for John Ebeling to repair! It was great seeing all those who made it to the convention, and coming back I met Jerry Beaudin in Upper MI, who told me there are "good" and "bad" 180 kHz Murata filters. The "good" filters are known as SFT 10.7 MS3-A. He was excited in watching far away UHF on his 2.13 m dish, getting stations in Chicago, Milwaukee and Springfield IL (from his best direction). I especially enjoyed watching low-power channel 57, Green Bay WI with the Three Angels Broadcasting Network; (800) 752-3226 for more information. Also saw Paul Petosky, who said he sold his DXing tower and

antennas to Bill Draeb in WI, when Paul and his first wife divorced.

Bill Falt, in the Cleveland OH area, has a mystery. "Do you own a construction permit for 94.3 FM near Cleveland, Detroit or Ontario? Aug. 12, on 94.3 there was rock music in stereo with silent open carrier between musical selections. I had it on the stereo for five hours and there was no station identification and no commercials, so it may have been an equipment test for a new station." [No likely new station shows on my list; I wonder if this might have been a local pirate?]

Now to news that only partially filled my August FMedia! Look also for "See Also."

New FM Station Grants

AL Millbrook 97.1 3000 h.v.; 100 m
AL Orange Beach 107.5 3000 h.v.; 100 m
CA Big Pine 93.3 50000 h.v.; 150 m
CA Groveland (21 km SE Sonora) *91.7 6900 h.v.; 313 m, CA State U—Sacramento
CO Pueblo 104.5 100000 h.v.; 299 m, P. Bcstrs. (KAPA *104.5 Col. o. Sprs. to delete)
FL Vero Beach 99.7 50000 h.v.; 91 m, Vero FM
FL West Palm Beach *88.1 50000 h.v.; 127 m, SW FL Community Radio [Lumpkin, Inc.
GA Lumpkin 99.3 50000 h.v.; 150 m, R./
GA Montezuma 92.5 6000 h.v., 48 m (no vertical)
GA Sylva 106.5 6000 h.v.; 100 m
GA Valdosta 107.3 3000 h.v.; 74 m
ID Idaho Falls 106.5 100000 h.v.; 299 m
IN West Lafayette 106.7 3000 h.v.; 100 m
ME North Windham 106.7 3000 h.v.; 100 m
MI Marquette 92.5 3000 h.v.; 100 m
MS Port Gibson 100.5 3000 h.v.; 100 m
MO Columbia 93.9 3000 h.v.; 100 m
NH Hampton 102.1 3000 h.v.; 100 m
NJ Montague (in extreme NW NJ) WSUS-1 102.3 55 w (h) booster of Franklin station—"input signal via local cable TV system"
NY Jeffersonville 106.1 1600 h.v.; 191 m
NY Mechanicville 104.5 3000 h.v.; 76m
OH Englewood 94.5 3000 h.v.; 100 m
PA Scranton WUSR *99.5 3000 h.v.; 309 m
TN Ripley 94.1 3000 h.v.; 100 m
TX Woodbury *92.3 3000 h.v.; 100 m
TX Carthage 104.3 6000 h.v.; 100 m
TX Laredo 106.1 3000 h.v.; 58 m
VA Roanoke 105.3 3000 h.v.; 23 m
BC Pemberton CKRW-6 106.7 140 h.v.; 16 m
ON Ottawa 100.3 80000 h.v.; \$, Rawlco Communications (approved Nov. '89, but only now was the frequency assigned.) [Society
SA Saskatoon 90.5 180 h.v.; Community R./

Call Letters Assigned or Changed

AL Attalla 102.9 WKXX
AL Rogersville 93.9 WFIX
AZ Tucson 107.5 KCRZ (from KYUD)
AR Little Rock 99.5 KLVV
CA Camarillo to 96.9 KLFZ (KZTR-FM), Spanish, I, being leased by KCAQ 104.7 OxnerC CA
CA Coachella 93.7 KCLB-FM (KCHV)
CA Colusa 107.5 KPPL (KTMX)
CA Los Banos 106.9 KQLB
CA Oceanside 102.1 K10Z (KGMG-FM)
CA Ventura 107.1 KAXX (KAGR)
DE Dover *91.7 WRTX
FL Bonita Springs 96.1 WRXX*-FM" (WRXX*-FM; AM in North Fort Myers gets new calls)
FL Marianna 94.1 WSEJ
FL Tarpon Springs *88.9 WYFE (WFCE)

GA Harlem 95.1 WHEY
GA Hinesville 104.7 WSEU
IL Chicago 93.1 WXRT (WXRT-FM)
IL Monticello 105.5 WCZO (WVLI), k, "O-106"
IN Nappanee 95.7 WLXR (WXJG)
IA Fairfield *90.5 KHOO
KY Cumberland 102.7 WSEH
KY Madisonville 106.9 WTTL-FM
KY Reidland 106.7 WSEQ
KY Valley Station 105.9 WVSL
LA Brusly 96.3 KRVE (KIEZ)
LA Monroe *89.3 KYFL
LA Vidalia 104.7 KPXQ
ME Kannelunk 99.3 WJIB (WJKME)
MA Webster 98.9 WSGQ
MA West Yarmouth 94.9 WOCB-FM (WJIB)
MI Kalkaska 97.5 WKLT*-FM" (WKLT-FM)
MS Artesia 100.1 WJWF-FM (WZIX), g, leased by WMBZ 103.1
MS Natchez 97.3 WRHG
MO Carthage 97.9 KRGG (KMXL); KMXL remain the calls for Webb City 95.1, "Mix"
MO Halfway 93.1 KYOO-FM (AM is in Bolivar)
MO Palmyra 97.9 KICK*-FM" (KICK-FM; AM in Springfield gets new calls) [Country]
NV Reno 104.5 KHIT-FM (KIID-FM); "Hi"/NH Farmington 106.5 WRHF
NV Corinth 93.5 WZZM-FM (WZZM; TV is in Grand Rapids MI), mr
NY Kingston *91.7 WRHE
NY Peru *88.3 WXLU
NC Elizabeth City 93.7 WKOC (WMYK), "Coast 93.7." "The station's former s(r) format has been picked up by WMYA 96.1 Cape Charles/Norfolk and is being simulcast on co-owned WMYK 92.1 Moyock NC-Norfolk VA."
NC Hamlet 104.3 WJSG (WSJG), [that WTZR] or [that WTZR]
NC Moyock 92.1 WMYK (WOFM; before/OK Cordell 89.3 KCDL (KRMK)
SC Cayce 96.7 WHKZ (WYYS), k[country]
SC Johnsonville 105.1 WRHA
SC St. George 107.5 WBUS (WKQB)
TN Dresden 95.1 WJZK
TX Fort Worth 107.5 KCDU (KMEZ), op, "CD-107.5"; "classic rock without the metal"
TX Huntsville 103.5 KVST (KTDD)
TX Johnson City 107.9 KFAN-FM (KFAN); AM is in Minneapolis MN
TX Robstown 99.9 KSAB (KRQB-FM)
UT South Ogden 106.3 K292ED (not K292ED, which is in Kachemak City AK)
VA Lynchburg 108.1 WLYK (WKZZ)
VA Petersburg 100.3 WSVV
WI Racine 100.7 WKKV-FM (WBZN-FM), "V-100" (from "B-100")
WY Laramie 107.1 K296BO (from K296AA)

UT Centerville KBCK 105.7 7300h.v.; 1116 m
VA Pulaski WPSK 107.1 1800 h.v.; 368 m, C3
WI Brillant WEZR 107.5 from 96.3
WI Suring WVRW 102.7 298 m (100000 h.v)

AL Florence WXLF 96.1
AL Winfield WXKM 109.9, "Gold 106 FM"
FL Vero Beach WSCF *91.9
GA Ashburn WFFM 105.7
ID McCall KBSM *91.7, with a talking subcarrier
KY Cynthia WCYM-FM 102.3
LA Basile KBZ 102.1 [ing, "O-96"
MI De Witt WQHR 96.5, rm, ID with Lans-/NM Las Vegas KBAC 98.1
NY West Yarmouth 94.9 WOCB-FM (WJIB)
NY Voorheesville WODA 96.3
PA Radnor Township WYBF *89.1
PA Villanova WXVU *89.1
TN Lawrenceburg WLLX 97.5
TN Loudon WXST 105.3
TN Rockwood WOFFE-FM 105.7, k
TX Daingerfield KWSK 106.9, o, ID with Pittsburgh-Mount Pleasant [KTKX]
TX NewBoston KTKX 103.5, k, "Kicks 103.5," TX San Angelo KKLK 101.9, KLK (strict)
WY Burns KMUS-FM 101.9, still "K-Moose" Monophonic
CA Merced KDAT 106.3—actually no format. Remove stereo listing and music, as is off the air "apparently for good. I'm told the owner pulled the plug when the losses kept rolling in month after month." [temporary
FL Fort Myers WHEW 101.9, but assumed/MI Auburn WAHS *89.5, pr
NJ Trenton WNTJ-FM *88.1, still monophonic
OH Mansfield WYTN *91.7—the only Family FM station known to be mono

See Also August VUD For
AL Reform WTID 101.7 101.7 The Tide, Fala, pr 13 [ar, p. 15
AR Ashdown KARQ 92.1 Country 92, Coup-/CO Walsenburg KSPK 102.3 K-102 Country, Cherry, p. 20
FL Dunnellon WTRF-FM 102.3 ID with Ocala and Gainesville, Coniglio, p. 26
FL Lake City WNF 94.3 rm, Nieman, p. 15
FL Monticello WJPH 101.9 stereo, o, "Sunny 101.1", Coniglio, p. 26
FL Orlando WMMO 98.9 98.9, Laun, p. 33
FL Panama City Beach WPCF-FM 100.1 FM-100, Fala, p. 13
FL Punta Gorda WQLM 92.9 Lite 93
ID Caldwell KHEZ 103.3 EZ-103, Cherry, p. 20
IN Bicknell WUZR 105.7 stereo, o, ID with Vincennes, "Hoosier 105.7," Strobel, p. 18
IN (not OH) Bluffton WNUY 100.1, Hall, p. 20
IN Earl Park WIBN 98.1 r, ID with Oxford, Strobel, p. 18 [p. 18
IN Fort Branch WBGW 101.5 stereo, Strobel/IN Ligonier WLN 102.7 stereo, Strobel, p. 18
IN Syracuse WAWC 105.5 stereo, Strobel, p. 18
KS Ogden KOLA 103.9 Q-104, Allen, p. 31
KS Wichita *90.7 Z-Gam calls now KZZD (ex-KGAM), Coniglio, p. 26 [p. 18
KY Liberty WKDO-FM 98.7 k, stereo, Strobel/ KY Paris/COZ 96.9 Kiss FM (from "Cozy 96.9 FM"), Greene, p. 13
MI Port Huron W09B *91.9 still mono, Coniglio, p. 26
MI Saginaw WGER 106.3 mr, Coniglio, p. 26. On the way from the convention I heard its calls, but didn't stick around to hear its music.
MS Collins WKNZ 101.7 Z-101 (from "101 KNZ"), Laun, p. 33
MO Tarkio KTRX 93.5 back to mono? It was stereo in 1990. Sittel, p. 27.
MT Kalispell KOFI-FM 103.9 Coffee 104.1 (from "K-104"), Cherry, p. 20
NV Las Vegas KOMP 92.3 The Rock of Las Vegas (from "Comp 92.3"), Ebeling, p. 21
NH Winchester WKBF-FM 98.7 apparent ID with

CC—FM
DXers to Get One or Two Phoenix FM Targets on 89.5?
Keene, mono, Nollman, p. 24
NJ Hackettstown WNTI *91.9 mono for good, or only mono for one program? Coniglio, p. 25
NM Artesia KTZA 92.9 Star 93 (from "Star-Station"), no believed to be k, not o, Sundius, p. 29
NM La Luz KP5A-FM 92.7 r, Sundius, p. 30
NY Canandigua WLKA 102.3 jr, Nieman, p. 15
NY Corning WCBM-FM 98.7 rm, Nieman, p. 14
NY Newburgh WGNV 103.1 r, Cooper, p. 17
NY Rochester WKXJ 98.9 37000 h.v.; 125 m facilities, Falconer, p. 2
NY Sag Harbor WNLG-FM 92.1 still mono, "Oldies 92," George, p. 10 [14
NY St. Bonaventure W8BU *88.3 rp, Nieman, p./OH Delaware WCEZ 107.9 \$, b, "EZ-106," Strobel, p. 18 [p. 18
OH Nelsonville WSEO 107.7 stereo, r, Strobel/ OH Toledo WXUT *88.3 stereo, Strobel, p. 18
OK Moore KMSI *88.1 stereo, Nieman, p. 15
OR Baker City KCB 104.7 Country 104.7 (from "FM 104"), Cherry, p. 20
TX Abilene KGNZ *88.1 ID with San Antonio-Snyder, Strobel, p. 18
TX Austin 98.1 calls now KVET-FM, Sittel, p. 27
TX Big Spring KBST 95.3 isn't it now country? "K-Best 95," Strobel, p. 19
TX Corpus Christi KF6G *88.7 is it stereo? Cherry, p. 20 [p. 32
TX Rockport KPBC 102.3 K-Play, Huntington/ WI Watertown WJQ 94.1 is the location for this station—Sittel, p. 27
ON Ottawa 100.3 in stereo, "Rawlco Communications," Nieman, p. 15; format, calls?
NL Monterrey XHXL 91.7 new facilities 100000 h.v (-75 m), Dunne, p. 30
XHQQ 93.3 \$, k (anchors), Dunne, p. 30
XHMF 104.5 \$, I, Dunne, p. 30 [30, new
TA Tampico \$, I, TM 67 kHz SCS, Dunne, p./

Format Changes
Formats are the same as in the "FM Atlas"
AL Athens WYDH 105.9 rm
AZ Phoenix KPSN 96.9 rm, "Sunny"
AZ Tusayan KSGC 92.1 rm
AR Beebe KPIK 101.5 m
AR Booneville KEZU 104.7 b, "EZ-105"
CA Barstow KXXZ 95.9 o, "96 Kix" (from "Kicks 96 FM")
CA Sacramento KXJZ *88.9 jt
CO Brush KSIR 107.1 k
CO Durango KIQX 101.3 rm, "We are still adult contemporary—whatever that means!"
CO Lamar KSEC 93.3 k
DE Milford WXPZ 101.3 FM
FL Clearwater WMTX-FM 95.7 rm, "Mix"
FL Mayo WGGG *89.5 a, "Southern Gospel"
FL Miami WLRN-FM *91.3 cj
FL Port Charlotte WEEJ 100.1 r, "rock/AC"
FL St. Augustine WUVU 97.9 (moving from 97.7) b
GA Del WDDO 92.1 t, all ads, exclusively for motorists along I-75, and so far only advertising motels, restaurants and clothing stores owned by John L. Williams, licensee. Legal according to FCC rules, but Preston Green, owner of a furniture store, says: "I feel like we have lost a valuable asset in our community by losing our FM radio station." Albany, Valdosta and Tifton stations report no increase in listeners or ad revenues from Adel.
GA Douglas WDMG-FM 99.5 r, "The Heat" (from "Magic 99")
GA Glenville WKIG-FM 106.3 rm
GA Wrens WAKB-FM 96.7 r [subcarrier]
ID Twin Falls KBSW *91.7 cj, "mono with no/ IL Arlington Heights WCBR-FM 92.7 p
IN Anderson WXXP 97.9 rm, "Experience 98"
IA Ankeny KMDD 106.3 b
IA Des Moines 107.5 no format; "rf" was to have been on Sorenson's station, which grant was reversed by the FCC. Channel awarded to gay

activist Rich Eychaner, facilities to 150 m (50000 h.v.). "While Sorenson has lived in Des Moines longer than Eychaner, the FCC gave Eychaner the edge in civic activities."
IA Pella KDMG 103.3 p. "I've heard tapes of the station, and they are very close to what KRCY San Francisco was doing in 1986-87."
KY Carrollton WIKI 100.1 o, SMN Pure
MD Towson WTMD *89.7 cj, classical/new age. "Not listed in phone book; downtown storefront office vacant."
MA Brockton WCAV 97.7 k
MI Lexington WBTI 96.9 r, "B-96.9"
MS Winona WONA-FM 96.7 k
MT Helena KBLL-FM 99.5 k
NJ Millville WBSS 97.3 sr, ID with Wildwood-Atlantic City (no longer with Vineland), still "Boss 97"
NM Artesia KTZA 92.9 k
NY Sodus WNNR 103.5 r, \$
NC Newport WKOT 103.3 r, "Cat"
OH Mansfield W100 106.1 r, "106-VNO"
OK Sand Springs-Tulsa KTOW-FM 102.3 s; AM wasp, but not the FM. "There are now two s formats in Tulsa, the other being KBLK AM."
OR Baker City KKBC 95.3 k
OR Harbeck-Fruitdale KAJO-FM 98.3 m
OR Medford KOPE 103.5 nt, news/talk, mono
PA Allentown WAEB-FM 104.3 sr, ID with Easton-Bethlehem-Phillipsburg; drops "Laser 104.1," using calls now
PA Erie WMEC *88.5 rp
PA Greensburg WSSZ 107.1 op, classic rock
PA Grove City WRKU-FM 95.1 r, "95 K-Rock" (from "The Wolf," no longer simulcasting WNCZ 106.1 Niles OH)
PA Pittsburgh WPTY 96.1 m
PA Salldasburg WKHL-FM 95.5 r
TN Humboldt WZQD 102.3 o, SMN Kool
TN Johnson City WQUT 101.5 r, dropping "OUT" nonID [99" not strict
TX Brownwood KPSM 99.3 rm, "Magic"/TX Hooks KLLI 95.8 o, "Oldies 96" (from "Kelly 96"
TX Mount Pleasant KPXI 100.7 r, still "X-100")
TX San Antonio KSRR 92.9 rm, "Star 93" not strict
TX Uvalde KXXS 102.3 k, "Kix"
UT Brigham City KSDS 106.9 o
WA Medical Lake KAAR 95.3 gr
WA Pullman KRLF *88.1 gr
WV Kingwood WFSF-FM 105.9 r, "AC-oldies"
WI Trempealeau WK8H-FM 107.9 p
ON Toronto CJEZ 97.3 m, "soft AC"
PE Charlottetown CHLQ 93.1 CRTc denied change from country to pop and soft rock, with the country to have moved to CFZY
PC Cap-aux-Meules CFIM 92.7 given a renewal only to Aug. 31, 1993

On Air (Selected)
AL Tuscaloosa WTUG 92.9 (from 92.7)
NE Bassett KMNE-FM *90.3 [NPR
NE North Platte KPNE-FM *91.7, both with/ PO Quebec CHOI 96.3, but CRTc nexus management agreement with its former AM, CHRC
Off Air or Not Yet On
AZ Phoenix *89.5, two shareholders, but Maricopa County Community College and AZ Board of Regents working on a joint license.
AR Stamps KZHE 100.5, still on 100.1
OK Broken Bow KKB 106.1, still on 106.3
TX San Angelo KBIL-FM 92.9
KTEO-FM 93.9, "storefront office vacant," but being sold to Criswell of Dallas
Deletions
CA Big Pine K228CV 93.5 (see "New," above)
CO Colorado Springs ultimately KAPA *104.5 (because of new Pueblo grant)
IL Blue Island WRBI 94.3, in 1948. "I bought this station and it was profitable, but was not

tried there was a mortgage on the equipment. Andrew Corp. wanted to foreclose to get its antenna back, so I walked away from it. The people who sold me the station were very dishonest."
MN Steady Eye KSEB 107.3, "construction permit cancelled and call sign deleted"
PO Baie-Comeau CKDQ 92.5, "after unsuccessful efforts to establish the FM"; continuing service on CHLC 580 AM.
SC Services + TV-SAP (Selected)
Symbols are as in the "FM Atlas"
CA Berkeley KPFA *94.1: "Your July, 1991, issue correctly assumes that KPFA kept their reading service for the blind at 67 kHz," but adds TX, 92 kHz, Interactive Network, Inc.
CA Los Angeles KDIG 104.3 1E, 92, Japanese music (retains TX, 87.3) [1E, 92]
CA Modesto KBEE 103.3 1E, 67 (not 1M); CA Sacramento KOPT 100.5 1X, 92 (from 1Y); also on KPXR *90.9 92. Interactive Network a television game company in Mountain View CA, broadcasting data over SCAs at 9.6 Kbit/s. These data allow customers to play along with TV programs in real time. "You guess the correct answer in Jeopardy, predict the next play in Football or Baseball, etc. A hand-held unit keeps track of your score for each game. At the end of a contest, you register your score via a telephone modem and compete with other hand-held units. The units get their signals from local SCStations; in areas where SCS reception is poor the TV-BV can be used to activate an infrared signal to the control unit. So far it's only in Sacramento and San Francisco. It can also be used to answer questions on the news take part in surveys. Company headed by David B. Lockton, who has a background in SCS data at DataSpeed. Basic subscription price is \$15/month, with competitive play options adding another \$0c to \$2 per program. Investors include NBC, United Artists, A. C. Nielsen and Rainbow Programming Enterprises (cable), who have plunked down some \$8.1 million on the project. IN has received patent No. 5,013,038 for the scoring system for its games and polling system.
CA San Francisco KSAN 94.9 1X, 92
CA Santa Clara KARA 105.7 1X, 67
CA Woodland KSFM 102.5 1X, 67 (1E, 92); all three Interactive Network
DC Washington WAMU *88.5 1Z, 67; 1E, 92, Korean American Broadcasting Network. "I am the lawyer for the plaintiff, on the 92 kHz FM. I've been sued for this."
IN Lowell WZVN 107.1, buying some SCAdapters and thinking of experimenting with 67 or 92 kHz [weather on iSAP
MD Annapolis WMPT *22 has the NOAA/ MD Morningtide WPGC-FM 95.5 1Z, Data Broadcasting Corp., 67; 1E, 92 (Korean)
MN Minneapolis KBEM *88.5 1D, 57, to be testing the RDSsystem in connection with Metro Traffic Management—a three-year project
NY Schenectady WMT-HF *89.1, responding to a budget crisis, in which co-owned WMTX (TV-45) was taken off the air, will reduce expenditures for RISE reading service, and looking for a company to underwrite such radios. WMT-HF will, however, retain its all-night programming end there will be no staff firings.
OR Portland-AT&E declares bankrupt; future of its on-air paging using a wristwatch unclear.

83ily, Bruce E.



SPECIAL THANKS TO FELLOW WFTDA MEMBERS TIM CRONIN, ERIC VOYTKO, JOHN EBELING AND DOUG SMITH. MANY OF THE MYSTERIES OF CHANNEL ONE MIGHT HAVE GONE UNEXPLAINED WITHOUT THEIR CONTRIBUTIONS. EDITED BY TOM BRYANT, 849 TODD PREIS DR., NASHVILLE, TN 37221

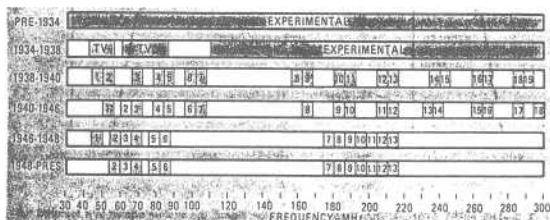
C H A N N E L O N E

When studying the origin and history of TV Channel One, it seems that a trip back to 1928 is necessary to set the stage. It was in 1928 that RCA's W2XBS began experimental transmissions from the transmitting facility atop the Empire State Building. The very first RCA system used a 100 kHz wide channel at 2.0 to 2.4 MHz. That mechanical system scanned 60 lines per frame at 20 frames per second.

It became apparent almost at once that wider channels would be needed to improve video resolution; the first official move toward that end being made in 1934. Just prior to that, RCA had begun testing the first all-electronic system which scanned 240 lines at 24 frames per second in a 2 MHz bandwidth at approximately 45 Mhz.

On June 22, 1934, the FCC was established; and took on the task of spectrum allocation and rulemaking. Among their first actions was the establishment of tv frequencies adequate for two stations (42-56 and 60-86 MHz). No channel numbers were assigned to these two sets of frequencies. [Note: Prior to this time, everything above 30 MHz had been classified as experimental.]

There was now no doubt that this new form of communication would be a success, and that additional spectrum would have to be allocated to accommodate many more stations. All television operations in the original 2.0 to 2.1 MHz band were terminated by 1936, and in 1937 the FCC unveiled an expanded plan for frequencies designated as channels 1-19; and beginning with channel 1 at 44-50 MHz. The television industry was generally satisfied with this plan, although it was widely believed that only the seven lowest channels were of any practical value; the other 12 thought to be usable only for video relay networks. These new channels were each 6 MHz wide (the current standard); and became effective October 13, 1938. THAT'S THE BIRTH DATE OF CHANNEL ONE!



THE ABOVE CHART ILLUSTRATES HOW TV ALLOCATIONS HAVE EVOLVED SINCE THE EARLY '30s. IT WAS COPIED FROM MARCH 1982 'RADIO-ELECTRONICS' MAGAZINE.

The 1938 table of allocations stayed in force for less than two years. In the interim, limited commercial (and shortly afterward, full commercial) operation was allowed; and the NTSC [National Standards Television Committee] was pressed into action to formulate a single national system from the hodgepodge of experimental plans currently in use.

Continued.....

T I M E T U N N E L: Channel One/Page 2

While the NTSC was hashing out the technical criteria, the FCC was taking another look at spectrum allocation. To accommodate the 150+ applications for experimental FM stations, the Commission made 42 to 50 MHz (which included Channel One) an FM-only band. This necessitated channel 1's move up to 50-56 MHz and channel 2 (which had been 50-56 MHz) was eased up to 60-66 MHz. Other minor adjustments ultimately resulted in an overall loss of one channel, dropping the total to 18.

Those changes were initiated on June 20, 1940, and remained in effect until mid-1945. Only the RCA station in New York was in operation on the original channel 1 at the time, and moved to the new channel 1 frequency without a great deal of fanfare.

By July 1, 1941, the FCC spectrum allocations and NTSC actions had cleared the path for the true beginning of commercial television; but on 'opening day' only two stations, both in New York, were licensed and ready for operation. W2XBS became WNBT, Channel One; and W2XAX (the CBS experimental venture) became WCBW, Channel Two.

It should be noted at this point that although there was only one commercial station on Channel One; several others held experimental permits and several were likely operational. The Channel One status at the end of 1941 follows:

- WNBT New York (NBC/commercial) - now WNBC/4
- W1XG Boston (General Television)
- W3XWT Washington, D.C. (DuMont) - now WTTG/5
- W8XCT Cincinnati (Crosley) - now WLWT/5
- W9XZV Chicago (Zenith) [later WTZR, but unused] - now WBBM/2
- W9XUI Iowa City (Iowa State University)
- W9XAK Manhattan, KS (Kansas State University)
- W6XAO Los Angeles (Don Lee Broadcasting) [later KTSL] - now KCBS/2
- W6XDL San Francisco (Don Lee Broadcasting)

During the war years, station construction was halted and operating hours for existing stations were cut to four per week. Meanwhile, communications technology made startling advances. Frequencies once considered useless had been proven otherwise; and even before the war ended, the FCC was busy studying ways to use the new bands. The plan that evolved became effective March 1, 1946.

There were few 'happy campers' in the industry. TV had been cut back to 13 channels. FM had been moved to 88-106 MHz (and soon afterward 108 MHz). Channel One was moved back to the original 44-50 MHz! Why the discord? TV operators felt they had been short-changed, FM broadcasters had to start from scratch since all pre-1946 receivers were useless; and a 1000 watt limit was slapped on Channel One. TV's first channel had been relegated to a 'community channel'. Channels 2 thru 6 were allowed to operate with 50,000 watts, and all but channel 6 were shared with fixed and mobile services.

It was just over two years later, on June 14, 1948, that more allocation changes were made in an effort to reduce interference. Prior to that time, minimum distance between two stations on the same channel was reduced to 90 miles. The results were disastrous. CCI was intolerable. Interference to tv by the mobile services (and vice-versa) was terrible. The commission recognized the problems, and instituted the following changes. Mobile 'sharing' of the 72-76 MHz television frequencies was terminated; and as a tradeoff for 'interference-free' television channels, the broadcasters agreed to the Commission's proposal to return the 44-50 MHz band exclusively to mobile use. This move left the TV band starting at 54 MHz (channel 2). Rather than re-number the remaining channels, the FCC elected to begin the numbering at 2. AND SO; AS OF JUNE 14, 1948, CHANNEL ONE NO LONGER EXISTED...GONE AT LESS THAN AGE TEN.

100,000 WATTS

WTTV
CHANNEL-4
 BLOOMINGTON
 INDIANA

THIS IS TO VERIFY YOUR REPORT OF
 RECEPTION OF WTTV ON June 6, 1954
 AT 8:04 AM EST THANKS VERY MUCH
 FOR YOUR DX REPORT.

Carl W. Ober
Chief Engineer

Reception of WDSU-TV verified for
 8:02 - 8:30 AM EST, August 13, 1954



CLASSIC TV DX QSLs
 from MARYLAND DXer
 Hank Holbrook.....

VERIFICATION OF RECEPTION

Thank you for your report of June 26, 1954 advising us of your reception
 of WKY-TV in Bethesda, Maryland


Transmitter and studio location: 500 East Britton Road,
 6 miles North of Oklahoma City.

Frequency: 66-72 megacycles — Channel 4.

Video Power: 100,000 watts.
 Audio Power: 60,000 watts.
 Tower Height: 975 feet.

The box pattern you saw was the
 WKY-TV color test. I am returning
 your letter with the transmitter en-
 gineers verification note on it.
 We have been telecasting live color
 program on a regular basis since
 June 1st.

WKY-TV
 500 EAST BRITTON ROAD
 OKLAHOMA CITY, OKLA.



CONTINUED FROM
 PAGE 2: Dunkirk Convention/1991

Later in the day, Jim Dietrich gave a presentation on baluns, splitters, transformers, amplifiers and other antenna-related hardware and accessories. This talk had been presented at last year's convention in Manassas, VA; but was so timely that it rered an encore. This year, Jim had his custom line of baluns and amps available for purchase...and seemed to be doing a brisk business.

Many of the TV buffs brought pictures and tapes of their prize catches. Ron LeBlanc's tape of gulf tropo to FL, NC, and SC; as well as openings between New Orleans and Oklahoma City got lots of 'ooohs and ahhhs' from viewers. Tom Yingling gave his tropo and Es tape a spin. Tom Bryant did the same...and also showed a visit to WWVH (Hawaii) along with highlights of last years meet in VA.

Bumper sticker collectors picked up plenty of new goodies. History buffs shuffled through ancient QSL cards and letters, plus several collections of off-the-air photos. TV unID's were examined by just about everyone attending. Some were nailed down...others remain a mystery (just ask Bill Eckberg about his 'chicken head' test pattern!).

IF filter conversion expert Bill Nienajedly, aided by assistant expert Bill Kretschmer, performed transplants on quite a number of fixed, portable, and auto receivers. The patients (and their owners) responded well to the procedure.

Needless to say, everyone had a super time. A lot of old acquaintances were renewed, and plenty of new ones made. If you couldn't make it, you missed a heck of a good weekend. If you've never been to a convention, why not make a commitment to attend in 1992? Once you've tried it, you'll find yourself drawn back again and again.

Although a site for the 1992 convention was not announced; the rumor mill produced speculation about several possibilities. The rumored sites are not listed here since all options are still open and anyone may submit an offer to the WTPDA Board of Directors.

Last, but certainly not least, a big **"THANKS"** to Bob Seybold for hosting. It's a lot of work and everyone really appreciated his efforts. A lot of us would probably like to go back to Bob's 'DX heaven' on the hill every year...but let's not wear out our welcome...OK?

1991 ATTENDEES: (Listed alphabetically by geographic area from a list supplied by Bob Seybold.) **CT**-Bill Nollman **IL**-Tom Depauw-Bill Eckberg-Jeff Kadet-Bob Kramer-Frank Merrill-Darryl Roberts-Mark Strickert **IN**-Roger Winsor-Bob Zent **KS**-Jim Dietrich **LA**-Jeff Kruszka-Ron LeBlanc **MD**-Tom Yingling **MN**-Bruce Elving **NJ**-Bill Kretschmer-Bill Nienajedly-Bob Smolarek **NY**-Greg Coniglio-Mike Coniglio-Mike Lapinski-Dave Nieman-Bob Seybold-Rich Wertman **NC**-Matt Sittel **OH**-George Greene-Tom Leu **ON**-Roger Gravelle-Bruce Hall **TN**-Tom Bryant **VA**-Jim Rollins-Mike Wimer

[Convention 1991 report written by Tom Bryant]

C O M I N G S O O N

VIDEO HIGHLIGHTS OF THE 1991 CONVENTION

[watch your VUD for details]