

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

1985 WTFDA CONVENTION...It's time to start thinking about the 1985 club convention. Are you interested in hosting this event? If so, let's hear from you as soon as possible. Bids must be made to WTFDA by November 1. All interested parties are asked to get a copy of the bid form--write us now, if you think you'd be able to host your club's 1985 gettogether in your hometown. All bids must be received by WTFDA headquarters by November 1, and if only one bid is on hand by that date, that bid wins. Two or more bids will mean that there will be a membership vote to decide the site of WTFDA convention '85. Hurry! If you're considering being the host of your club's convention, 1985 could be your year!

MEANWHILE, BACK IN JAMESTOWN...WTFDA's 1984 convention was by all accounts one of the greatest. It featured some tropo DX, some great food, an interesting program, a lot of DX gabbing, and dangerous geese (that's what it says here...). The big event was held entirely at Mike Lapinski's beautiful sprawling "DX estate" situated near the top of one of the area's highest hills. Word has it that about 35 DXers attended the very successful event. The VUD will have a report in an upcoming issue. A big thanks to Mike Lapinski for a super job of hosting!

E-SKIP SHORTAGE IS A PUZZLER...What DID happen to the 1984 summer sporadic E-skip season? Good question. It showed a fantastic start in May (some DXers even thought it reminded them of the start that 1977's season displayed, and that year is considered to be one of the best in history), and then really fizzled out. It holds the distinction of being one of the most lop-sided skip seasons in memory, with just a few really great openings, and many non-skip days in between. The August and September issues, usually packed with skip reports, are rather small considering the time of year. One very avid FM DXer laments: "my tuner sure has been idle this summer, I haven't even broke the dial cord yet!" We're hoping that some late summer tropo activity will somehow make up for it.

HANG ON...Due to very heavy demand for it, we have decided to offset print the club reprint catalog, rather than photocopy. So if you are still waiting for one expect it soon!

MAILBOX: A new member needs info to update his antenna system...3
FCC FM NEWS: Freeze on new FM stations is lifted by CRFC.....4
NORTHERN FM-DX: DXers' beef is: "where's the skip?".....6
VHF UTILITY DX: New York and New Jersey public utilities.....10
ANTENNA NEWS: TV antennas for auto and RV.....13
TELEVISION NEWS: FCC ends investigation of loud commercials.....15
FEEDBACK: Is it time to change WTFDA's DXing standards?.....21
A DX DISTANCE AND BEARING PROGRAM FOR ATARI 400/800 USERS.....22
SPECIAL REPORT: The March-April F2 skip openings in Texas.....24
THE PROBE NINE: Channel Master's hot FM DX antenna.....25
EASTERN TV-DX: E-skip leaves Northeast out in the cold.....26
WESTERN TV-DX: Distance help to spice up your reports.....32
PHOTO-NEWS: Photos of 1224 mile Es & 716 mile high band tropo...40
ANARC UPDATE: Part II--The Convention, Friday.....42
On the cover: Come September! Note the changing VUD styles over the years. By the way, 9-74, 9-78, and 9-81 back issues are still available. Cover collage by Dave Nieman.



MAILBOX

September 1984

Alan Hyams
P.O. Box 130
Bronx, New York
10464

Well, our club convention in Jamestown is history now, and I think it went pretty well. Hello to all of you out there who I had the pleasure of meeting there. I'd also like to thank host Mike Lapinski, who worked quite hard for the event.

One of the topics of discussion in Jamestown was the state of our club, membership-wise. The news is good: people are joining the WTFDA at an impressive rate. That brings us to the following matter of business. Below are listed new club members. A large list this time around. As usual, "(R)" stands for former members who've decided to rejoin.

Noble A. Moyer RD 1, Box 71, Middleburg, PA 17842
John C. Adkins P.O. Box 36, Chunchula, AL 36521
Larry G. Fuss P.O. Box 3976, Jackson, GA 30233-0976
Michael A. Burke P.O. Box 439, Westminster, MA 01473
Anthony L. Wagner IV RD 4, Box 181, Bedford, PA 15522
Jim Campbell Rt.14, Box 72, Anderson, SC 29621
Mike Parks Rte.1, Box 103, Amery WI 54001
MAF P.O. Box 38015, Barcelona, SPAIN
Basil Johnson Jr. General Delivery, Herndon, WV 24726
Frank Aden, Jr. P.O. Box 66352 Portland, OR 97266 (R)
Neil T. Kazaross P.O.Box 1908, Ogunquit, ME 03907 (R)
Richard R. McVicar P.O.Box 1048, Prescott, Ontario, Canada
Dennis D. Dean Dayton, OH
Tim Clampitt Saline, MI
Mike DeWan N8AJX Hazel Park, MI (R)
Cranston Bonnell Downsview, Ontario, Canada (R)
Gus Mancuso Cheverly, MD
Danny Dankert KDX6T Tusin, CA
Charles L. Bartlett Vineland, NJ
David Timmerman Orlando, FL
Steve Duvall Spokane, WA
Masaaki Arai Tokyo, JAPAN
Yefim Mosenkis Flushing, NY
Christos Rigas Chicago, IL
G.B. Vanden Heuvel Green Bay, WI
David A. Sinclair Surrey, B.C. Canada
Thomas Weinstein Chicago, IL
David J. Hanson Fall Creek, WI
Melvin G. Dishong Kennesaw, GA
Richard E. Berg-Andersson Woodside, NY
David Adams Chamblee, GA
Richard Grothe Milwaukee, WI
Joseph F. Masher Troy, NY
Rick Baumbach Quincy, IL
Henry Guimond S. Boston, MA
Rich Wertman Lockport, NY
Mitchell Rakoff Forest Hills, NY
Brian Farnsworth Parkersburg, WV
Gary Cross Latham, NY
Donald R. Snipes KDX4R Norfolk, VA

New member David Sinclair writes in: "I have a somewhat modest antenna system on my roof and I'm interested in updating it." He'd like to hear from other DXers in his area, namely Vancouver and Fraser Valley in British Columbia, Canada. He's especially interested in talking antennas. Write him at 8480 152A St., Surrey, B.C. V3S 6H2, Canada.

Till next time, keep flipping those dials,

Al

NORTHERN FM-DX

Saul Chernos
79 Ridge Drive
Toronto Ontario
Canada M4T1B6

SEPTEMBER 1984

Joseph Feja - 150 Robert Place - South Plainfield NJ 07080 Times EDT

McIntosh MR-78 tuner; a pair of Antennacraft GFM-10s, stacked, w/rotor, 35' AGL.

MAY 5 Es
2000 89.7, 92.1, 94.9; S. FL assumed
2010 WKPF 88.5 FL Sunrise r
13 Tr-GW
0117 WJRH 90.5 PA Easton r ID 10 watts!
17 Tr
2133 CFMX 103.1 ON Cobourg c finally an ID
(see comments at end)

19 Es (& one Tr)
1258 WJMG 92.1 MS Hattiesburg seemed soul, not r
1259 WMSU 88.5 MS Hattiesburg
1359 WCVT 89.7 MD Towson briefly in w/ ID
1402 KBQK 92.9 TX Pasadena ID "93-KBQ" r
20 Tr
0158 WPKT 90.5 CT Meriden s-off leaving a weak
WCRH MD Williamsport w/g (WPKT is ex-WPBH)

25 Tr
0211 WMPR 89.1 CT Norwich s-off // WPKT. Some
QRM from WHHT-NY, but WJFM, WFDU, WNYU all off.
WJFM-WPKT s-off varies, usually around 0200.

JUNE 8 Tr
0949 WCGD 97.9 PA Hazleton b o/lcl WEDV (earlier
was QRMing WEDV on my car radio)
0955 WDSY 100.1 NY Woodstock exc. w/ job info ID
1000 WWHK 98.1 NY Binghamton automated k, last hrd
as WNEP over 10 years ago! Easily o/WCAU Philly PA
1002 WTKQ 101.7 MA Pittsfield r
1025 WKQX 94.1 PA Sunbury r "94-KX" last hrd as
WKOK a long time ago.

1027 WSPF 95.3 PA Shamokin r "Spy-95" & calls
9 Tr
0002 WPCB 88.5 NY P-ainview r 10 Watts!
0013 WWHK 107.7 VA Warrenton r "K-108" w/WSNJ-NJ off
0100 WWRN 94.9 VA Virginia Beach b legal ID trying
to get calls to sound like "WNR" to fit the "Winner"
slogan they use. Newly on air.
0109 WMYL 102.3 PA Carlisle k

However, for the past month, they've become rare along w/ WVOR-NY Rochester 100.5. At the same time, Syracuse has started to show a lot (namely WWRB 107.9 & WZGZ 100.9) Strange how ex change.

(Ed: I've noticed Syracuse area in a lot more this year too; in fact while the West usually predominates here, I've had mor of the S-SE this May-June-July...interesting...saul)

Harry Hayes - 9 Henry Street - Wilkes-Barre PA 18702 Time EDT

AFTER THIS JUNE I THINK I'M GOING TO REVERT BACK TO MY OLD HOBBY...EATING! Yep, this is all the DX I'm able to come up with, with almost continuous time to DX; I'm presently unemployed, so have all the time to look for the Es that haven't existed this month-just my luck! I bet if I got a job tomorrow, Es would open up every day from 9-5. (Go for a job as a night watchman-saul). My indoor setup has been picking up some meteor scatter but nothing I can ID. The attenuator does a pretty good job of cleaning up local slop w/out cutting out the DX signals to a noticeable degree. I hope to have a long report next month. (attenuator: all freq., cuts down overload).

JUNE 11 Tr
0905 WALK 97.5 NY Patchogue
13 Es
1817 WYNF 94.9 FL Tampa
21 Es
1738 WRNO 99.5 LA New Orleans
1745 KIPR 95.5 TX Diboil
1803 KODA 99.1 TX Houston
1807 KRRV 100.7 LA Alexandria
1807 KILT 100.7 TX Houston thru KRRV
1857 WZBZ 97.1 LA New Orleans r

1915 WQUE 93.3 LA New Orleans
1917 WBYU 95.7 LA New Orleans b
1922 KTCS 99.9 AR Fort Smith
1931 KZRO 104.3 AR Marshall k
1934 WLTS 105.3 ?? Where? "Lite"
1936 KBIU 103.7 LA LkCharles
1937 WYNK 101.5 LA BatonRouge w/
QRM from WGBI.
Re 105.7 "Lite", one of the many
"Lite" stns sweeping the nation.
It used to be "Life"-remember?

W/ Lite beer, food, now
lite radio. (Oy-veh-ed)

THIS IS THE CBC-TV LOGO
FOR TV Es-Tr REFERENCE:



(more)

0115 WSOX 94.9 MA West Yarmouth new "Breezy
95" slogan, b, Cousin Bruce must now have
control of this stn. (?-saul)
0759 WKDR 91.3 DE Newark s-on tho I thought
the stn was an All Niter (probably equipment
maintenance, this happens from time 2 time-s)
0836 WJYJ 90.5 VA Fredericksburg ID g
12 Tr
2230 WHOM 94.9 NH MtWashington exs b
17 Tr
0100-0400 Paul Mount & George Greene here.
Casual tuning produced more or less usual DX
w/ many Boston MA, WHOM, WPNT 92.9 Pittsburgh
in & out w/ WYZZ/WFOG for about 45 minutes,
WQIX & WWOM-100.9 NY & WYYY 94.5 NY Syracuse
21 Es (A rarity this year)

1900 KRVS 88.7 LA Lafayette o/lcl WRSU
1906 KMDL 97.7 LA Kaplan jingle
1913 KBEZ 92.9 OK Tulsa b ID very strong
1914 KTTS 94.7 MO Springfield k o/WFME-NJ
1924 KSCM 99.3 MO Houston w/ KBTC-AM & KSCM
-FM taped ID, announcer then tried to give
calls but forgot them going into nx. Taped
1930 KWFC 97.3 MO Springfield ID g
1938 KMCK 105.7 AR Siloam Springs "K-106"
1938 WAKH 105.7 MS McComb ads
1945 Opening died very quickly.

22 Tr
0830 WDCU 90.1 DC Washington j "FM-90"
w/ pest WRTI Philly PA off air.
0935 WCRN 105.5 PA Tamaqua r ex-WZTA o/WDA
2100 WKPE 104.7 MA Orleans r ex-WVLC/WLON/
/WKZE, "Cape-104" & ID Some other SE New
England stns also in.

COMMENTS:
About CFMX...for awhile it was common to
find them fading in & out w/ WJQB & WJFM.
73, Joe.

(Ed: I've noticed Syracuse area in a lot more this year too; in fact while the West usually predominates here, I've had mor of the S-SE this May-June-July...interesting...saul)

Daniel Oetting - 2882 Old Cedar Grove Road - Broomall PA 19008

MARCH 16 Tr
0605 WSHU 91.1 CT Fairfield
20 Tr
0015 CING 107.9 ON Burlington
22 Tr
0031 WDMT 107.9 OH Cleveland s
MAY 19 Es
1202 WHIL 91.3 AL Mobile c
1206 WJWF 88.1 FL Pensacola c
1212 WPCS 89.3 FL Pensacola g
1222 WZEW 92.1 AL Fairhope rp
"92-Zoo, Mobile's best rock"
1224 WBLX 92.9 AL Mobile s
1226 WKSU 94.9 AL Mobile k
1229 WABB 97.5 AL Mobile r
1230 WJDE 95.3 AL Thomasville r

1238 WLPR 96.1 AL Mobile b
1343 KSBJ 88.1 TX Humble j
1345 KUHF 88.7 TX Houston j
1404 KKQB 92.9 TX Pasadena r
1425 MUF below FM band.
24 Es
1140-1219 ? 88.3c;89.7g-WMCU
JUNE 7 Tr
0745 WFWA 101.5 VA Fredericksburg
0751 WKHK 95.3 VA Petersburg k
0805 WFLS 93.3 VA Fredericksburg k
0821 WRAR 105.5 VA Tappahannock r
0830 WRJA 88.1 SC Sumter c
0840 WNNW 100.9 VA Warsaw k
8 Tr
0901 WAMC 98.3 PA Mifflinburg k

0903 WAAL 99.1 NY Bingham-
ton rp
0915 WAMC 90.3 NY Albany
0945 WXXI 91.7 CT Danbury pr
1011 WFMN 103.1 NY Newburgh
b rm
1023 WDRB 99.3 NY Ellenville
1027 WJJB 97.7 NY HydePark r
1046 WQYL 92.1 VA Chester g
10 Tr
1000 WNRN 94.9 VA Beach
b "Winner-FM-95"
13 Es
1900 WMCU 89.7 FL Miami g
1905 WHRB 90.7 FL W.PalmBch
1906 WMTI 93.1 FL Miami c
20 Tr
0015 CING 107.9 ON Burlington
r "GoldenGreats"(oldies-saul)

COMMENTS: E-SKIP season started out so well, but then completely
died at the end of May, and throughout all of June
so far (20th)where's the Skip? (revives 21st-saul) 73s

Gus Mancuso - 5615 Inwood Street - Cheverly MD 20785 (Welcome to NORTHERN, Gus;-saul)

Technics SA-222 Digital, Archer indoor "color supreme II"

JUNE 25 Tr
2132 WCYB 98.5 PA York
2231 WACE 101.3 PA York
26 Tr
0059 WAFL ? 97.7 PA or NJ?
since WKDM 97.7 is South
of me...(Milford DE-saul)
27 Tr
0717 WGH 97.3 VA Newport News
0720 WQKS 96.5 VA Williamsburg
0808 WLAN 96.9 PA Lancaster
0821 WDAC 94.5 PA Lancaster

COMMENTS: Just realized this rcvr has a switch which changes
the freq. jump from 2 MGZ to .05. This is great for reducing
adjacent channel interference from powerful locals, by off-
tuning to the side. This also changes the A.M. spacing to
9 KC versus the normal 10. Can anyone suggest a listing for
A.M. stations? (YES:North American Radio-TV Station Guide by
Vane Jones, Published by Howard W. Sams in Indianapolis...
this lists AM, FM, TV in US, CANADA & nearby countries.
This club (WTFDA) puts out a TV guidebook of which you may be
aware, and I recommend FM Atlas (Bruce Elving) if you spend
much time on FM-saul). (This should solve your need to trade
lists; there are several guidebooks for that reason. Funny,
I DXed for about four-five years before I discovered either

a DX club or an accurate list. Keep the reports coming, Gus.-saul) I used to live in an app-
artment, and found the building was good at reducing interference from strong local signals
coming from the opposite side of the bldg. (north). Picked up many stns that were impossible
to get from the house where we are now. Anybody had a similar experience? (your editor MAY,
when he moves out of the University residence BLDG and (hopefully) into a house, next year;
remind me to write about it, hehl-saul).

Robert S. Ross - Box 4373 Stn C. - London ON Canada N5W 5J2

Ham call signs: VE3JF6

Panasonic RF-1115; Marantz 2226; Rabbit Ears & whip.

JUNE 12 Tr
0130 WQXK 105.1 OH Salem
0145 WLTF 106.5 OH Cleveland
0150 WBEA 107.3 OH Elyria
0200 WJUZ 103.5 MI Detroit
0215 WJWI 105.7 OH Cleveland

JUNE 21 Tr
0035 WLBS 102.7 MI MtClemens
0050 WDET 101.9 MI Detroit
0055 CKNX 101.7 ON Wingham
0100 WBEW 102.5 NY Buffalo

ABBREVIATIONS & SIGNS in column:
WXXX new stn WXXX relog
WXXX relog, but by new mode
rcvr Receiver w/ with r rock
b beautiful muzak (and all rest
of format abbrevs from FM ATLAS
& FM NEWS nx news s-on signon)

Fred McCormack - 135 Prairiewood Drive - Fargo ND 58103 Times CDT

MAY 6 Es
1001 KILL 96.3 TX Lubbock k
1002 KWES 102.1 TX Monahans "K-Wes"
1027 KQAY 92.7 NM Tucumcari "Magic-93"
1122 WKZL 107.5 NC Winson-Salem
1136 WROR 94.3 NC Farmville
1159 KFLQ 91.5 NM Albuquerque g
1203 WFLS 93.3 VA Fredericksburg
1218 WFSE 88.9 PA Edinboro
1232 WRSU 88.7 NJ New Brunswick
19 Es
0957 WPCB 94.9 GA Atlanta "Peach"
0959 WKTZ 96.1 FL Jacksonville
1000 WAVI 96.9 FL "K-Wave" r

1004 WKIG 106.3 GA Glennville
1012 WMLT 106.7 GA Gainesville "Light-106"
1016 WQZY 95.9 GA Dublin "Y-96"
1018 WBYZ 94.5 GA Dublin k (Baxley?saul)
1021 WFTV 104.5 FL Atlantic Beach r
1028 WABE 90.1 GA Atlanta
20 Es
2002 KELT 94.5 TX Harlingen k
2005 KBFM 104.1 TX Edinburg
2009 KOUL 103.7 TX Sinton k "Cool Country"
2051 KWHT 106.3 TX Brenham k
2021 KOKK 92.7 TX Kingsville
2026 KJQJ 106.9 TX Conroe
2036 KVIC 95.1 TX Victoria

→ (more)

SEPT '84 NORTHERN FM DX (3)

check continued...

2137 CKMP 94.3 PQ Montreal FF 1110
 2159 CTFE-102.7 PQ Sherbrooke FF (-1) 1190
 2203 WOKR 107.1 VT Barre 1185
 2209 CKO-106.9 ON Ottawa nx (-1) 1010
 2210 CKBY 105.3 ON Ottawa 1010
 2225 CPMO 93.9 ON Ottawa 1010
 2228 WZZY 92.9 VT Burlington 1145
 24 Tr
 2230 KSTQ 99.3 MN Alexandria m 95
 31 Es
 2101 WMOU 94.5 SC Greenville 1115
 2109 WJGC 95.5 GA Athens 1135
 2224 WORG 103.9 SC Orangeburg r 1245
 2245 WDPN 103.1 SC Columbia 1210
 2250 WBOB 93.3 NC Forest City 1110
 2358 KPAR 89.1 WA Richland 1065

JUNE 1 Tr
 0008 KZZY 103.5 ND Devil's Lake 130
 "Double-Z-103"

1 Es (cont from May 31)
 0101 KBBK 92.3 ID Boise 965

6 Tr
 2133 KVXL 102.3 SD Volga r "XL-102" 175

best that I can recall, but June turned out to be as bad a June for Es that I can recall. I sure hope that July turns out better! Best of DX, Fred. (The Es gods may want a sacrifice-saul)
 (Fred lists his equipment as "Heathkit AJ-1600 Tuner; Winegard GH-7078 at 30'; Alliance Rotor).

Fred Nordquist - 7945 Boxford Road - Clay NY 13041 Times EDT Rcvr: Heathkit AJ-15 & antenna is a channel master Stereo-Probe-9 w/ rotor at -35'AGL.

DEC 27 1983 Tr/GW
 2100 WPCX 98.3 NY Syracuse NEW-TO-AIR Xltr of 710
 WPCX 106.9 NY Auburn

MAR 23 Tr (spotty type) 1984
 2239 WATR 104.1 MD LaPlata/Waldorf lcl ad 321
 31 Au

1959 WBLV 90.3 MI Twin Lake MI Public Radio
 and nx (Relogged by Au also Apr 7 & 251) 500

APR 1 Tr (spotty kind) 214
 1506 WFTG 90.3 PA Lancaster lcl college ancts

MAY 13 Es
 In Educ. band, no IDs, 1612-1618.
 19 Es (MUF at 106.5 - 1319-1412 - to TX 1285)
 1337 KYNE 89.5 TX Tyler wx, g mx, ads (PSAs?-ed)
 1344 unnn Austin stns in...to 1412 fade-out.

Here it is, July 2nd, and still no activity noted -- probably due to busy schedule at work lately. (Try and tell that to Harry Hayes, hehl-saul). I will not make it to the WTPDA convention in Jamestown, due to cash-flow problems as of late. 73 & good DXing -- Fred.

A RELIEF FROM EVERYONE'S DX COMPLAINTS

On May 8, a gunman took potshots inside the Quebec Assembly (PQ Provincial Parliament Eldgs). Several people (pages, etc...) were killed. Radio stn CFCF in Montreal ran a listener survey, asking "Many people calling radio phone-in shows in the wake of the National Assembly shooting have expressed sympathy with the Corporal's (the gunman was a Corporal) motives. Do you feel this way?" Listeners could phone in a "yes" or a "no". The Canadian version of the FCC, the CRTC, got complaints, and investigated. The station got a reprimand, and reminded that it should impose safeguards to (& I quote CRTC) "ensure that difficult and controversial (note the word controversial) public issues are dealt with carefully and with sensitivity, in as fair & accurate a manner as possible, consistent with the requirement for high editorial standards expected from each broadcast licensee." I find this an interesting example of one way broadcasting is regulated in Canada. Could the government have gone that fatal "one step further". Could this have happened in the U.S.? Now back to whining about the poor Es season...

When reporting, please try & use the abbrevs (abbreviations) I use in here; I've had trouble figuring some out. unID new r p b m s nx wx g c k j xltr ancr anct...a complete list shortly

(more)

June 7 Es
 1740 WMTM 93.9 GA Moultrie k 1285
 1900 WMDA 95.1 AL Huntsville 990
 1957 WZEW 92.1 AL Fairhope 1225
 2130 WNTT 94.9 FL Tallahassee 1320
 2132 WADZ 94.3 GA Americus "Z-94" 1220
 2218 KJON 92.1 AR Booneville "K-John-92" 825
 2234 KJQQ 100.9 IA Sulphur "Q-101" 1165
 2236 KWIC 107.9 TX Beaumont "Quick-108" 1140
 8 Es
 1031 WSKR 104.1 AL Atmore 1200
 1237 KEXI 93.3 WA Walla Walla 1020
 1301 KPLU 88.5 WA Tacoma 1200
 1314 KTOY 91.7 WA Tacoma r 1200
 1327 KSEA 100.7 WA Seattle b 1195
 1328 KNHC 89.5 WA Seattle "DanceMusicRadio"1195
 9 Es
 2231 KVNE 89.5 TX Tyler 1005
 14 Tr
 0538 KLKS 95.3 MN Breezy Point 120
 17 Tr
 0915 K28BC 104.9 ND Grand Forks g (KPNW-97.9)75
 25 Es
 2024 WQUT 101.5 TN Johnson City 1040
 2026 WAGI 105.3 SC Gaffney 1130

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

COMMENTS: Just a sampling of the Dx noted in the last two months. I was sure it would be an outstanding Es season when May proved to be about the best that I can recall.

JULY

2 Tr
 1100 WMHT 89.1 NY Schenectady c wx
 1200 WAMC 90.3 NY Albany c nx
 1220 WFLY 92.3 NY Troy "92-FLY" nx
 1240 WICB 91.7 NY Ithaca "92-ICB"
 1430 WCWJ 90.9 OH Jefferson g
 1439 WNTQ 93.1 NY Syracuse "93Q" r
 w/ worst lcl CHAY ON
 1450 CKMP 94.3 PQ Montreal FF r
 1451 CTEL 98.5 PQ Longueuil FF
 1452 CBF 100.7 PQ Montreal CBC\$ FF
 1720 CKOI 96.9 PQ Verdun FF
 1738 CFCR 92.5 PQ Montreal EE
 2130 CBON-104.9 ON Gogama CBC FF

3 Es

2015 KJCR 88.3 ?? ????? g
 2018 KWTX 97.5 TX Waco r
 2020 KTFM 102.7 TX San Antonio "KTFM-103"
 2024 KLLS 100.3 TX San Antonio r
 San Antonio is about 1600 miles air.
 2026 KLBJ 93.7 TX Austin
 2030 KSCS 96.3 TX Fort Worth
 2040 KUT 90.7 TX Austin .3 or .5 ID/QTH
 2045 KNFO 95.5 TX Waco
 2047 unID 96.1-96.3 "Q-96-FM"
 2050 KAFM 92.5 TX Dallas
 2103 unID 88.3 TX g ment Waco, Newcastle,
 LakeGrand in nx (KJCR?)
 2105 KJIM 94.9 TX Arlington g
 2109 unID 89.9 ?? Central TC, "90-FM", jazz

4 Tr

0007 unID 101.7 Pittsburgh Pirates bb &
 ads for W. PA & E. OH QTHs (WCC-PA?)
 4 Ms OR Es (In car near here & brief)
 1200 WUFT 89.1 FL Gainesville wx

5 Es

1802 KLEF 94.5 TX Houston
 1805 KLIL 92.1 LA Moreauville
 1812 WTUR? 88.9? Es or Tr?

10 Tr

1800 WHYP 100.9 PA NorthEast Usual dull ancr k
 15 Tr
 1045 WIXX 101.1 WI Green Bay
 17 Tr (CHAY 93.1 off-air)
 2045 WZAK 93.1 Cleveland rs
 2111 WNCO 101.3 OH Ashland
 2235 WDRQ 93.1 MI Detroit

23 Tr

2325 unID 92.1 "Leave the mx to us on Cruise
 2344 WLEW 92.1 MI Bad Axe r "The new WLEN"
 2353 WFXZ 100.9 MI Pinconning "Foxy-101" r

26 Es (FINALLY!)
 1836 KIPR 95.5 TX Diboll k
 1838 KTIZ 96.9 IA Alexandria ID "River97"
 1850 KIVY 92.7 TX Crockett
 1851 unID 104.7 Freq given, ment Nacogdoches
 1853 KJCS 103.3 TX Nacogdoches
 1855 KTBC 92.1 TX Nacogdoches
 1856 KLAZ 98.5 AR Little Rock
 1857 KLLS 96.7 TX Palestine
 1900 KVNE 89.5-9 ID very clearly
 1916 KUHF 88.7 TX Houston ID, BumperSticker
 offered if call 749-7186 or write stn at 4600
 Golf Freeway, Ste. 500, H.TX, 70023.
 1951 92.3 nr Gonzales & Denim Springs TX
 1956 KJIM 94.9 TX Arlington
 1958 WMPR 90.1 MS Jackson
 2001 KSLC 88.3 TX Keene wx nx
 2102 WJJC 88.9 MS Senatobia
 2106 WRBH 88.3 LA NewOrleans Readingaloud ID
 2108 WANO 89.9 LA New Orleans
 2119 WBYU 95.5 LA New Orleans "Bayou"
 2129 WKGC 90.7 FL Panama City
 2138 WCKW 92.3 LA LaPlace "RiverParishRadio"
 2139 WQST 92.5 MS Forest "92-QST"
 2140 KSMB 94.5 IA Lafayette "K94"
 2142 WQID 93.7 MS Biloxi "QID"
 2143 WABB 97.5 AL Mobile
 2154 WBMH 90.3 AL Birmingham c

Dxer Mike Reid tells me that some people had trouble with this opening, in getting a high MUF. I had 104.7 very briefly, others had up to around 107 MHz; then there's the PA Dxer who couldn't get above TV-3!!! The few Es this season have been of this nature - scattered. Several WI, ND, etc... DXers noted same basic stuff I was getting in various openings this year, yet our MUFs were often different. I know this as some folks were well into FM and, meanwhile, my own MUF had dropped to TV-2 or 3. Not many CONSISTENT openings this year. Nothing like the incredible JULY 17, 1980 extravaganza, where DX was in solid all over N. America for 14 plus hours, hitting TV-7. More DX:

30 Tr
 1702 CBF 100.7 PQ Montreal FF CBC\$
 2045 CFTI 92.1 ON Timmins k IDs rare here

31 Tr
 0710 WJTT or WJGT 89.5 NY May be in Canton. It is a new stn. as ancr told people to tune in 89.5, "on the left of your FM dial"
 It also IDed WSLU 96.7 which is Canton, & which I've hrd in Ottawa. He said it runs out of St. Lawrence Univ. It came in later that evening, with c music.

31 Es At 1240 I was relaxing in car at work, enjoying exc. reception from an oldies stn. in Rochester, when I decided to try the jazz stn in Buffalo on 88.7; sure enough, clear as a bell, funky style jazz was heard. The KRVS ID was not expected however. That's Lafayette LA.

Well, convention time is here; I'm off tomorrow, so I guess no more reports this month. What a weird season. The Es season began in spectacular fashion, and seems to be ending fairly well. My only complaint is what happened to the Es season itself; like a sandwich without the filling, an Oreo cookie without the creamy centre.

ALL POINTS BULLETIN: EFFECTIVE IMMEDIATELY...NORTHERN FM DX has conquered CENTRAL FM DX. Well not exactly. What has happened, is that I've been told by HQ that Ralph Strobel is leaving the editorship of Central. So reporters in Central territory should report to Northern. I'm sure I can speak for the rest of the club and thank Ralph for a superb job as an editor for so many years. 73's and catch that Tropo, it's HOTTTT this year. -Saul.

Donald L. Blevins
1657 Essextowne Cir
Baltimore, MD 21221
phone: 301-391-3408

This month's feature will open a series on public utilities. As the FCC defines a utility, a utility is an activity engaged in the transportation of energy, water or sewer. My opening feature focus is New York and New Jersey. Please note that these are frequencies licensed to these agencies and the actual agency may only use a few of the frequencies listed.

NEW JERSEY

ATLANTIC ELECTRIC	047.88	NEW JERSEY NATURAL GAS	153.485
ATLANTIC ELECTRIC	048.12	NEW JERSEY WATER COMPANY	153.635
ATLANTIC ELECTRIC	048.38	NEW JERSEY WATER COMPANY	048.06
ATLANTIC ELECTRIC	153.47	NEW JERSEY WATER COMPANY	047.84
ATLANTIC ELECTRIC	047.98	NEW JERSEY WATER COMPANY	037.58
BOONTON (TOWN OF)	037.64	NEWARK (CITY OF)	153.47
DEPTFORD TOWNSHIP MUNI AUTH	037.72	NORTH JERSEY DISTRICT WATER	037.52
ELIZABETH WATER	451.25	PASSAIC VALLEY WATER COMM	037.70
ELIZABETH TOWN GAS COMPANY	047.72	PUBLIC SERVICE ELECTRIC + GAS	158.19
ELIZABETH TOWN GAS COMPANY	037.82	PUBLIC SERVICE ELECTRIC + GAS	047.98
GARDEN STATE WATER	153.575	PUBLIC SERVICE ELECTRIC + GAS	451.05
GLOUCESTER TWP MUNI UTILITIES	158.175	PUBLIC SERVICE ELECTRIC + GAS	047.92
HACKENSACK WATER	048.30	PUBLIC SERVICE ELECTRIC + GAS	047.88
HACKETTSTOWN MUNIC AUTH	153.695	PUBLIC SERVICE ELECTRIC + GAS	451.275
JERSEY CENTRAL POWER + LIGHT	153.665	PUBLIC SERVICE ELECTRIC + GAS	048.04
JERSEY CENTRAL POWER + LIGHT	451.075	PUBLIC SERVICE ELECTRIC + GAS	048.14
JERSEY CENTRAL POWER + LIGHT	153.71	PUBLIC SERVICE ELECTRIC + GAS	153.62
JERSEY CENTRAL POWER + LIGHT	451.15	PUBLIC SERVICE ELECTRIC + GAS	158.25
JERSEY CENTRAL POWER + LIGHT	451.075	PUBLIC SERVICE ELECTRIC + GAS	153.47
JERSEY CENTRAL POWER + LIGHT	153.665	PUBLIC SERVICE ELECTRIC + GAS	451.10
JERSEY CENTRAL POWER + LIGHT	153.605	PUBLIC SERVICE ELECTRIC + GAS	048.28
JERSEY CENTRAL POWER + LIGHT	153.41	PUBLIC SERVICE ELECTRIC + GAS	158.205
JERSEY CITY (CITY OF)	048.20	PUBLIC SERVICE ELECTRIC + GAS	451.20
MIDDLESEX WATER COMPANY	153.47	SALEM WATER	153.635
MONMOUTH CONSOLIDATED WATER	047.86	SOUTH JERSEY GAS	153.695
NEW JERSEY NATURAL GAS	153.58	SOUTH JERSEY GAS	153.65
		VINELAND (CITY OF)	047.74

NEW YORK

BROOKLYN GAS COMPANY	047.94	JAMESTOWN (CITY OF)	153.41
BROOKLYN UNION GAS COMPANY	451.15	JERICOHO WATER DISTRICT	048.50
BROOKLYN UNION GAS COMPANY	158.25	LONG ISLAND LIGHTING COMPANY	158.22
BROOKLYN UNION GAS COMPANY	048.38	LONG ISLAND LIGHTING COMPANY	158.16
BROOKLYN UNION GAS COMPANY	047.82	LONG ISLAND LIGHTING COMPANY	153.545
BUFFALO (CITY OF)	153.695	LONG ISLAND LIGHTING COMPANY	153.44
CARLE PLACE WATER DISTRICT	153.575	LONG ISLAND LIGHTING COMPANY	153.68
CENTRAL HUDSON GAS + ELEC	451.20	LONG ISLAND LIGHTING COMPANY	158.175
CENTRAL HUDSON GAS + ELEC	153.515	LONG ISLAND LIGHTING COMPANY	158.235
CENTRAL HUDSON GAS + ELEC	048.24	LONG ISLAND LIGHTING COMPANY	047.86
CENTRAL HUDSON GAS + ELEC	048.12	LONG ISLAND LIGHTING COMPANY	037.62
CENTRAL HUDSON GAS + ELEC	048.06	LONG ISLAND LIGHTING COMPANY	037.46
CITIZENS WATER SUPPLY	048.42	LONG ISLAND WATER CORPORATION	037.70
COLUMBIA GAS OF NEW YORK	153.65	MANHASSET LAKEVILLE WATER AUT	048.02
CONSOLIDATED EDISON	451.075	MONROE COUNTY WATER AUTHORITY	451.20
CONSOLIDATED EDISON	451.05	MONROE (VILLAGE OF)	153.455
CONSOLIDATED EDISON	451.05	MONROSE IMPROVEMENT DISTRICT	037.68
CONSOLIDATED EDISON	451.05	MUNI DEPT OF DUNKIRK	158.25
CONSOLIDATED EDISON	451.025	NATIONAL FUEL GAS DIST CO	048.18
CONSOLIDATED EDISON	451.125	NATIONAL FUEL GAS DIST CO	048.14
CONSOLIDATED EDISON	153.725	NATIONAL FUEL GAS DIST CO	047.94
CONSOLIDATED EDISON	153.59	NATIONAL FUEL GAS DIST CO	047.76
CONSOLIDATED EDISON	153.41	NATIONAL FUEL GAS DISTRIB CO	037.86
CONSOLIDATED EDISON	047.74	NEW ROCHELLE WATER COMPANY	047.86
CORNING NATURAL GAS	048.22	NEW YORK CITY	048.04
DELAWARE COUNTY ELEC COOP	048.50	NEW YORK CITY	047.80
ERIE COUNTY WATER AUTHORITY	048.02	NEW YORK CITY	037.50
FISHERS ISLAND UTILITY	158.205	NEW YORK POWER POOL	153.50
FRANKLIN SQUARE DIST WATER	048.42	NEW YORK STATE ELEC + GAS	153.62
FREEPORT (VILLAGE OF)	158.25	NEW YORK STATE ELEC + GAS	048.20
HEMPSTEAD (CITY OF)	451.175	NEW YORK STATE ELEC + GAS	048.36
ITHICA (CITY OF)	153.59	NEW YORK STATE ELEC + GAS	048.32
JAMAICA WATER SUPPLY	153.65	NEW YORK STATE ELEC + GAS	048.43

NEW YORK STATE ELEC + GAS
048.02

NEW YORK STATE ELEC + GAS
048.00

NEW YORK (STATE OF)
451.10

NEW YORK (STATE OF)
153.635

NIAGARA COUNTY WATER DISTRICT
047.92

NIAGARA MOHAUK
451.20

NIAGARA MOHAUK
451.15

NIAGARA MOHAUK
158.205

NIAGARA MOHAUK
158.175

NIAGARA MOHAUK
158.145

NIAGARA MOHAUK
158.13

NIAGARA MOHAUK
451.10

NIAGARA MOHAUK
158.235

NIAGARA MOHAUK
451.125

NIAGARA MOHAUK
158.265

NIAGARA MOHAUK
153.695

NIAGARA MOHAUK
153.665

NIAGARA MOHAUK
153.545

NIAGARA MOHAUK
153.605

NIAGARA MOHAUK
153.545

NIAGARA MOHAUK
153.575

NIAGARA MOHAUK
153.65

NIAGARA MOHAUK
047.96

NIAGARA MOHAUK
047.98

NIAGARA MOHAUK
153.515

NIAGARA MOHAUK
153.44

NIAGARA MOHAUK
153.425

NIAGARA MOHAUK
047.88

NIAGARA MOHAUK
047.86

NIAGARA MOHAUK
047.84

NIAGARA MOHAUK
047.82

NIAGARA MOHAUK
047.80

NIAGARA MOHAUK
153.725

NORTH TONAWANDA (TOWN OF)
153.65

ONONDAGA WATER AUTHORITY
158.16

ONONDAGA WATER AUTHORITY
153.44

ORANGE AND ROCKLAND UTILITIES
048.50

ORANGE AND ROCKLAND UTILITIES
048.22

ORANGE AND ROCKLAND UTILITIES
037.58

PAVILION NATURAL GAS
048.10

PENN YAN MUNICIPAL BOARD
048.42

PLAINVILLE (VILLAGE OF)
048.50

POWER AUTHORITY STATE OF NY
047.78

POWER AUTHORITY STATE OF NY
047.74

RIPLEY (VILLAGE OF)
153.455

ROCHESTER GAS + ELECTRIC
451.05

ROCHESTER GAS + ELECTRIC
158.22

ROCHESTER GAS + ELECTRIC
153.53

ROCHESTER GAS + ELECTRIC
037.62

ROCHESTER (CITY OF)
153.41

S. CUYAGA LAKE INT MUNI WATER
153.65

SEA BREEZE AND VICINITY WATER
153.65

SLG COMMUNICATIONS
048.38

SOUTH HUNTINGTON WATER DIST
048.50

SUFFOLK COUNTY WATER AUTH
037.82

SYRACUSE SUBURBAN GAS
153.56

SYRACUSE (CITY OF)
048.38

TONAWANDA (CITY OF)
153.41

UTICA (CITY OF)
451.025

WEST HEMPSTEAD GRONS WATER
048.42

WILLIAMSON (TOWN OF)
153.635

ANTENNA NEWS

Doug Dornbos
3009 Port Sheldon
Hudsonville, MI 49426

September 1984

Dear Fellow DX'ers,

I hope everyone who went out to the convention had a grand time. Every year I think I might make it but there always seems to be a reason why I don't. This year on July 17 my wife gave birth to our #2 child so I have had more than ample reasons to hang around home. The busy schedule of the past few weeks is also the reason for this month's article to be somewhat shorter than typical.

AUTOMOBILE/RV TYPE TV ANTENNA SYSTEMS

Since DX'ing while driving is potentially quite the dangerous hobby, and since I doubt many of the membership practices this to any great degree, I am taking the liberty of treating all mobile TV antennas as if they would be used on something other than a passenger car. I will discuss here the various types of product available in the marketplace, how it works, and give specific examples.

The first thing that becomes apparent when comparing mobile TV antennas with their FM counterparts is that because of TV's horizontal polarization, the antennas must take on quite a different form than the usual $\frac{1}{2}$ -wave vertical used for FM.

The most popular form a mobile TV antenna takes is that of a dipole. Although there are many antennas which are of this type, they may not appear at all similar. One such antenna is the now discontinued RCA Mini-State "flying-saucer" antenna. This antenna was composed of a physically short, electrically length-compensated dipole which was completely housed in a round plastic disc. Keeping the dipole completely out of the wind and other weather allowed it to be rotated with a small motor inside the housing for best orientation. This antenna was also available with preamp if I remember correctly. Although it has been discontinued for a couple of years there are still some of these around as either left over stock or as used units. The "saucer" was also sold by Radio Shack. Gain of the unit was somewhat less than a full dipole on lower channels due to shorter length but approached zero db in the high band.

As a little aside about RCA; you may have noticed their recent decision to delete the video-disc players from their product line. Since it seemed that the disc player was finally paying off, dealers across the country were quite taken by surprise when it was dropped. It should have really been no surprise at all though since this has been RCA's track record right along. A couple of years ago RCA dropped its' European made rotor and at the same time sold its' antenna line to Tandy. Also around that time they dropped their nice line of OEM car stereo. A few years before that (around 1978) they dropped their scanner products which included an excellent hand-held unit which enjoyed good popularity. Close to that time they dropped also their "Co-Pilot" line of CB radios which were a very fine product, a good talking radio which was very durably built. Around 1976 as I remember, they made a video game for one season but dropped it also. Personally, I wouldn't buy any product made by RCA except for a color TV or a VCR. There's nothing else they stay into long enough to guarantee future repair parts support. (And I didn't even mention portable radios or stereo!)

Back to antennas! Another dipole type antenna which is enjoying good popularity these days is the wing type. This can be either a shortened type or long style. A short version is the WinnTenna. Its' main disadvantage for reception is that it is so close to the roof that its' vertical pick-up pattern is bound to be drastically affected by such a close ground plane. Also, it has no means by which to be rotated. A longer version of the wing antenna is the Winegard SENSAR series. There has been many versions of this antenna over the last several years but for DX use, Model RVH-2K seems to fit the bill. It has provisions for raising and lowering from inside the vehicle via a hand-crank on the ceiling. This gets it 44" above the roof while also allowing it to be lowered to secure it for traveling. The hand-crank also allows rotating the antenna without going outside. Preamp is included. Also available is a shorter model (extends to 21" above the roof) for van use.

BARONESS

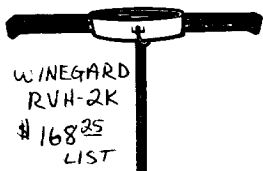
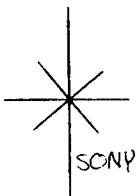
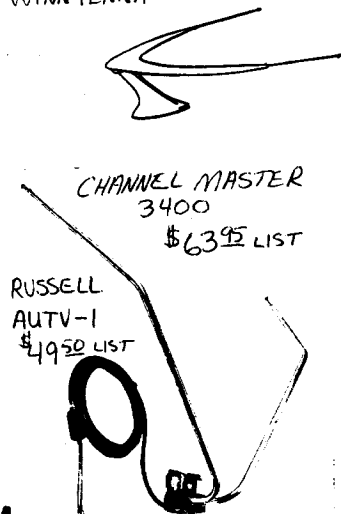
The last style of dipole receiving some popularity is a "close-in-the-window" model. This antenna has the two halves of its' one element in a "V" shape with a clip at the bottom which gets clipped on the window and when the window is rolled up is pressure-fitted between glass and door. At the top of the element, the ends are bent so as to present a horizontal antenna away up from the roof. This is a good antenna but is somewhat directional and because much of the element is in the vertical plane, gain is somewhat lower than the wing type. The window-fitted antenna is available from several suppliers including Channel Master and Russell. Both are made by the same company (in the Far East?) I believe. The basic difference between the two is that the Channel Master comes with coax feeding a balun whereas the Russell comes with coax ending in a RCA plug plugging into a 5 position tuning box (which really works by the way) and ending up 300 ohm. I think that under most conditions, the Russell would be a good choice between the two.

A RV antenna which uses 2 crossed dipoles for omnidirectional pick-up is the Winegard HA-130. When traveling down the road the elements fold straight up and are pulled down into a protective tube leaving only the mast exposed. This antenna is about the right length to be very good for FM with performance decreasing the further you get away from there. Other than dipole type antennas, the only product which I can find is the Sony. A rough idea of its' top view is shown in the diagrams, I do not have an actual picture to work off from. This is meant to be an omnidirectional type and sells very well. I cannot vouch for how well it works but it is very nice looking as antennas go; kind of a Star Wars looking thing. Its' main problem as far as I can see is its' close proximity to the roof.

Last but not least (and maybe most obvious), regular home-style antennas can be RV mounted; folded up while driving, open when dx'ing. The main problem when going this route is that when folding and unfolding a regular antenna this many times it will soon fall apart, or if it has very stiff element clips will be so aggravating you might be tempted to forget it. RV type foldable antennas usually have no technical information available for them but should outperform the dipole types.

As for preamps there's not much to choose from. WinnTenna makes a couple of models and Winegard has a 300 ohm model. A makeshift arrangement can be made by using a rabbit-ear amplifier which requires a 12 volt supply. Both the Winegard and Channel Master products can be used in this way I believe. All you need to do is cut the wire which connects the power-pack with the amplifier and connect it to your 12 volt supply.

WINNTENNA



THANKS FOR READING.
Roy

TELEVISION NEWS

Bill Fabber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

APPLICATIONS FOR NEW TELEVISION STATIONS	
CH	ERP HAAT STATE/CITY/APPLICANT
52	1000 1500 MD Cumberland; Contemporary Communications, Inc.
69	5000 293 RI Block Island; Minority Broadcasting of Block Island
53	948 600 TN Cleveland; Cleveland Community Television, Ltd.
51	55 721 TX Katy; Enigma Corporation
45	5000 1704 AZ Phoenix; United Television
38	5000 3016 CA Santa Barbara; Rainbow Telev.
50	5000 1300 FL Tampa; Community Broadcasters
50	5000 1931 FL Tampa; Gulfwind Broadcasting
62	2951 774 FL Venice; Holiday Group Ltd.
53	1530 960 TN Cleveland; WFL Inc.
58	5000 1046 TN Nashville; Nashville TV "58"
57	980 287 TX Baytown; Baytown Community Broadcasting Ltd.
16	1000 2694 UT Provo; San Joseph Broadcast'g
21	4.2 5908 HI Wailuka; Minority Broadcasters
28	900 721 TN Cookeville; Gerald R. Roberts
65	5000 859 VA Ashland; Christian Communicns
25	1000 763 AR Pine Bluff; Montgomery Bc'g
51	48.5 234 IL Charleston; Eastern Illinois University Radio & Television Center
10	250 2248 MT Helena; John R. Powley
13	316 443 TX Brady; John R. Powley
65	5 4165 TX El Paso; Swan Communications (Guess who's at it again!)
45	722 1400 WA Seattle; Puget Television
46	339 582 CA Paradise; Wm. G. Holdinghausn
49	3650 2247 CA Visalia; Diocese of Fresno Education Corporation
21	1921 1042 NM Roswell; Susan Harris
19	4720 1966 NM Santa Fe; Susan Harris
69	5000 1450 RI Block Island; Offshore Bc'g
69	5000 750 RI Block Island; T.N. Robinson
57	1636 536 TX Baytown; Lemora Reyes
60	5000 999 TX Tyler; Channel 60 Corp.
60	5000 270 TX Tyler; Minority TV of Tyler
60	1641 779 TX Tyler; Vestcom Broadcasting
55	5000 487 AL Gulf Shores; WHIS Unlimited
45	1321 1715 AZ Phoenix; Jonathan Byrd
44	5 1692 KS Salina; Odessa Communications (1692' AAT and ASL? C'mon fellas! What's Kansas made out of, swamps?)
51	1347 1028 KY Pikeville; Hobart C. Johnson
46	100 308 NC Belmont; Jimmy Allison
16	5 4637 UT Provo; Provo Broadcasting (You don't suppose they own stock in flashlight batteries do you?)
CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS	
18	1000 315 MI Jackson; Minority Broadc'g
25	1600 1160 MO Jefferson City; New Life Evangelistic Center, Inc.
64	1434 1628 PA Scranton; Scranton Family TV
66	100 950 TN Lebanon; Joe F. Bryant
68	5000 1335 MD Hagerstown; Good Companion Broadcasting, Inc.
53	500 483 IL Pontiac; Woodrow D. Nelson
56	2009 1489 TX Jacksonville; TRG Broadc'g Co
50	100 493 NY Watertown; Inter-County Communications Corporation
38	5000 1291 CA San Francisco; West Coast United Broadcasting Company (Review Board decision)
69	575 1098 IA Des Moines; Iowa Television Authority
20	1579 2036 IA Iowa City; Television Development Association of Iowa
16	4000 226 OR La Grande; Matlock Commuic's
23	803 608 IN Marion; Miss'ssinewa Communications Corp. (Initial dec'n)
APPLICATIONS DISMISSED OR REJECTED	
NJ	Burlington; ch. 48; Spanish International Communications Corporation (The second of two applications dropped before the consolidated hearings. Local SIN outlet is W35AB, whose days are numbered)
MD	Cumberland; Cumberland Broadcasting (for ch. 52); Woodberry Broadcasting (for ch. 65). Two more Thurman wonders rejected.
MT	Billings; ch. 14; Billings Broadcasting (Thurman again)
NM	Santa Fe; ch. 19; Santa Fe Broadcasting (ditto)
VA	Fredericksburg; ch. 69; Fredericksburg Broadcasting Group (tritto)
WA	Bellevue; ch. 33; Bellevue Broadcasting Center (quadritto)
MD	Hagerstown; ch. 68; Retherford Publications
VA	Danville; ch. 24; Apogee, Inc.
GA	Rome; ch. 14; Community Broadcasting Network of North Georgia, Inc.
IL	Pontiac; ch. 53; Retherford Publications
CA	San Francisco; ch. 38; LDA Communications (Review Board decision)
LA	New Iberia; ch. 36; Commerce Broadcasting
NY	Watertown; ch. 50; Women's Broadcasting of Watertown
TX	Jacksonville; ch. 56; Tarzan Television Company (Oh well, back to the jungle!)
TX	Lake Dallas; ch. 55; Charisma Broadcasting Corporation; Gordon McLendon; Linda Seto & Associates.
HI	Honolulu; ch. 5; Frederick B. Livingston; Hana Hou Communications
IA	Des Moines; ch. 69; Federal Television Co.
UT	Logan; ch. 69; Matlock Communications Co.
WY	Cheyenne; ch. 33; Retherford Publications.
APPLICATIONS TO MODIFY CONSTRUCTION PERMITS	
38	2668 1534 AR Pine Bluff; KMJD-TV
36	2591 1247 KS Hutchinson; KTFJ
16	215 538 TN Jackson; WAAA-TV
48	80 -120 NM Las Cruces; KASK-TV
47	1666 1513 OK Tulsa; KBJH
55	212 448 WI Kenosha; WKRW-TV
49	2618 526 WI Racine; WJJA
CONSTRUCTION PERMIT MODIFICATIONS GRANTED	
63	681 729 VA Richmond; WTL
APPLICATIONS TO CHANGE EXISTING FACILITIES	
5	100 1706 AL Mobile; WKRQ-TV (CP MOD)
24	1120 955 PA Erie; WJET-TV (CP MOD)
24	2312 1385 NY Syracuse; WCNY-TV (CP MOD)
28	679 760 WA Tacoma; KTPS (CP MOD)
29	5000 n.c. FL West Palm Beach; WFLX(LIC MOD)

8 31.6 635 MI Iron Mountain; WIIM-TV(CP MOD)
33 6.95 772 NY Utica; WTUV (CP MOD)

CHANGES IN EXISTING FACILITIES GRANTED
WA Spokane: KAYU-TV, ch. 28; granted CP to increase ERP from 1198.4 kw to 2400 kw max. Antenna height figures are unchanged, but new coordinates are given in their application: 47°34'44"/117°17'46".
WA Tacoma; KTPS, ch. 28; granted CP MOD to increase from 35 kw to 679 kw max; 760' AAT/504'AG/900' ASL (15' lower ASL); same TL. Increase in signal should increase coverage area.
IN Indianapolis: WTHR, ch. 13; MP to change antenna height in previous CP MOD (3/84 VUD); 980' AAT/983'AG/1807' ASL.

APPLICATIONS FOR CALL LETTERS: NEW STATIONS
CH CALL STATE/CITY/APPLICANT
13 WPRV-TV PR Fajardo; WSTE-TV
56 WSPN FL Melbourne; WSCT
35 KRRT TX Kerrville; Hispanic American Broadcasting of Texas, Inc.

CALL LETTERS ASSIGNED: NEW STATIONS
21 WHJF GA Brunswick; Cor Communications
41 KHCA LA Alexandria; Haynes Communicat's
25 KNLJ MO Jefferson City; New Life Evangelistic Center, Inc.
34 KSMW WA Spokane; Matlock Communications
13 WPRV-TV PR Fajardo; WSTE-TV
29 WOTC AL Selma; ABC Inc.
43 KOMM AR EL Dorado; CMM Inc.
33 WKUD GA Valdosta; Central Plains Area Arts, Inc.
34 KHCT KS Salina; Haynes Communications Co.
32 WLQF MA Greenfield; Greenfield Televis'n
18 WLLD MI Jackson; Minority Broadcasting

CALL LETTERS CHANGED: STATIONS ON THE AIR
22 WMPT MD Annapolis; WAPB (Very subtle change, what with their fine print multiple ID slide, but I confirmed it on the TV set)
13 KHNL-TV HI Honolulu; KIKU-TV
33 KRLD-TV TX Dallas; KNEN-TV

CHANGES IN TABLE OF CHANNEL ASSIGNMENTS
PART ONE: NEW JERSEY SITUATION
NJ New Brunswick: delete *19- (this channel had been unavailable for some time to TV in order to protect land mobile interests.)
NJ Asbury Park: delete 58z (This was assigned to New Brunswick as a noncommercial assignment to replace 19 when it became unavailable. 58 would be available to Asbury Park only after it was shown to be not needed at New Brunswick, but WNJB had been operating on ch. 58 for several years now.)
NJ Atlantic City: add 62z (I wondered about this one, since it would be short-spaced to the Woodstown TL proposed by WDWI, ch. 61 in Wilmington. 62 would have to be restricted to several miles east of Atlantic City. I can't think of anybody who would want to build a transmitter out in the ocean unless...what's that? A five kilowatt what? No, Mr. Thurman! Don't do it! Anyway, I finally managed to get in touch with the owners of WDWI, who were very tight-lipped about their plans, but they did mention that the Woodstown site

was scrapped, and they didn't give any air date.); delete *18z (to protect land mobile operations in Philadelphia. This channel hadn't been available to television for several years.)
NJ West Milford: add *66z
NJ Vineland: add 59- (site restriction was mentioned in the original proposal. 2.3 miles south of Vineland)
PA Lebanon: delete 59-; add 55- (site restriction 6.8 miles southwest of Lebanon to protect ch. 62 in Atlantic City; WGGF, which has a Construction permit for ch. 59 in Lebanon will have to modify its permit to specify ch. 55 instead.)
PA State College: delete *55+; add *59+ (Further information on this matter can be found in the 7/17/1984 Federal Register. pp. 28844-7)

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS
PART TWO: OTHER CHANGES
WI Chippewa Falls: add 48z
TX Greenville: add 47+
TX Comroe: add 55+ (site restriction 14.4 miles southwest to avoid short spacing to ch. 40(Crockett) and ch. 48 Galveston))
SC Charleston: add 36+
IA Newton: add 39+
FL Clermont: add 68z
WI Sturgeon Bay: add 42z
FL Naples: add 46z
FL Marianna: add 51z (site restriction 6 miles northwest of Marianna to avoid short spacing to WBSP, ch. 51, Ocala. FL.)
ME Presque Isle: add 62+ (site restriction 5.7 miles west of Presque Isle to avoid short spacing to channel 62, Shediac. New Brunswick.)
IA Fort Dodge: delete 50+
IA Hampton: add 50z
NY Syracuse: add 56+ (site restriction 8.7 miles west of Syracuse to avoid short spacing to construction permit for WERF, ch. 56 in Hazleton. PA.)
WV Martinsburg: add 60+ (site restriction 9.5 miles northwest to protect applicants for channel 68 in Hagerstown. MD(among which Good Companion Broadcasting Company was selected for a construction permit, as mentioned earlier))
FL Fort Walton Beach: add 58z (site restriction 1.8 miles east of Fort Walton Beach to avoid short-spacing to a construction permit for channel 44 in Pensacola. FL.)
FL Palatka: add 63+
MS Tupelo: add 35+
TX Arlington: add 68z
WA Bellevue: add 51+
TN Hendersonville: add 50z (site restriction 6.5 miles northeast of Hendersonville to avoid short-spacing to channels 42 and 58 in Nashville)
FL Sebring: add 60z
TX Decatur: add 29z

NEW STATIONS ON THE AIR
OH Columbus: WTEE, ch. 28, which was mentioned last month, address correction: Channel 28, Inc., 6130 Sunbury Road, Westerville. OH. 43081.
David Moody sent in an article from the 3/23/84 Columbus Dispatch, written before the station went on the air. Promotional ads to be run in newspapers and radio were going to stress the station's entertainment image, or as the promotion director put it, "We've been news, talk showed and informationed to death so we're going to be the entertainment station." The station plans to operate 19 hours per day to begin, and will go to 24 hours if the demand warrants. The station will be a typical independent with movies and syndicated programs at first, but hopes to break that "typical" image with a strong commitment on local programming after it is on the air.
LA New Orleans: ch. 32; educational station WLAE-TV went on the air 7/8/1984. 2290 kw max/679 kw hor.: 1010' AAT/1049' AG/1049' ASL (Bayou Country, y'know); coordinates 29°58'57"/89°57'09"; TL Paris Road and Bayou Bienvenue, New Orleans. Address: Educational Broadcasting Foundation, Inc., 2929 South Carrollton Avenue, New Orleans, LA. 70125.
TX El Paso: KINT-TV, channel 26, went on the air 5/5/1984. 2250 kw max; 1500' AAT/316' AG/5516' ASL; coordinates 31°47'46"/106°28'56"; TL Commanche Peak. El Paso; address: Paso Del Norte Broadcasting Corp. 5426 North Mesa, El Paso, TX, 79912. Independent station.
TX San Angelo; KIDY, channel 6, went on the air 5/12/1984; 100 kw ERP; 907' AAT/1000' AG/3023' ASL; coordinates 31°35'21"/100°31'00"; TL 1.95 miles north of the intersection of US Route 87 and Marsh Road, San Angelo; address: Sage Broadcasting Inc., 406 South Irving Street, San Angelo, TX, 76903. Independent station.
KS Colby; KLBV, ch. 4, was seen by Richard Reese on 7/26/1984 using test patterns. 100 kw max; 748' AAT/770' AG/4190' ASL. More information next month.
IL Decatur; WFHL-TV, ch. 23, went on the air 5.13.1984; 1666 kw max/575 kw hor.; 1033' AAT/1046' AG/1736' ASL; more information next month.
NC Wilmington; WJKA, ch. 26, plans to go on the air sometime in September, so keep a lookout for it. It will definitely be a CBS affiliate.
TX Dallas; KRLD-TV, channel 33, is back on the air as an independent station in English, new call letters, and higher power than before. Seen by Charles George.

CONSOLIDATED HEARINGS
GA Bainbridge: ch. 49; Bainbridge Post-Search Light Inc.; Bainbridge Telecasters, Inc.; Bainbridge Communications Ltd.
CA San Luis Obispo; ch. 33; Morro Rock Resources, Inc.; Sainte Broadcasting Corporation and Raul & Consuelo Palazuelos, a

general partnership; Channel 33, Ltd.; Pacific Television, Ltd.; Obispo Television; Community Media Corporation; Second Local Power Television, Inc.; Cuesta Communications Corporation; San Luis Obispo Telecasters.

NETWORKS
KEVN-TV, ch. 7 in Rapid City, SD. and KIVW-TV, ch. 5 in Lead-Deadwood, are both NBC affiliates now.

MISCELLANEOUS
KITN, ch. 29 in Minneapolis-St. Paul, formerly a religious station. (WFBI-TV), is now heavy on movies and syndicated programs. KITN has been selling 99¢ loop antennas at Tom Thumb convenience stores in the Twin Cities area, so that those without UHF antennas will be able to tune the station in.

TELETEXT
Another television station began making teletext commercially available to the public. WIVB-TV, channel 4 in Buffalo, New York, began their teletext offering on July 25, 1984 with CBS Extravision and a local teletext service.

CONSOLIDATED HEARING
TX Lake Dallas; ch. 55; Womens Media Investors of Dallas, Ltd.; Opal Thornton; Poplar Lake Telecasters, Ltd.; Gordon McLendon, Inc.; Charisma Broadcasting Corporation; Linda Seto and Associates, Inc. It's interesting to note that, as shown two pages back, the latter three were thrown out by the FCC shortly after this hearing was initiated. All three had proposed a transmitter site at the Cedar Hill antenna farm. There are already nine applicants for ch. 58 in Dallas which propose the same site. The FCC requires that channels 55 and 58 be at least 20 miles apart, and these three insist on using the same antenna farm! Charisma brought up the fact that in some communities there are several second-adjacent translators operating without interfering with eachother. But the FCC brought out the fact that they are very weak transmitters, whereas the three applicants are proposing close to 5000 kw each.

FCC ENDS ITS INVESTIGATION OF LOUD COMMERCIALS
For the past thirty years the FCC has been barraged with complaints of loud commercials on radio and TV stations. Back in 1962 the FCC began a study into the matter. After three years of fact finding, the FCC still couldn't learn why people complained of loud commercials. In 1965, a spot survey was done to see if stations were raising audio modulation levels during commercials, but no such evidence was found. In 1973, after eight years of spot surveys, the FCC concluded that if commercials are really louder that programming, the mechanism causing this must be something more complex than modulation control. CBS Laboratories got into the act and developed the Loudness Level Monitor (LLM), which was evaluated by the FCC in 1977. In 1979 the FCC released an inquiry into the matter, and was flooded with postcards and letters from the public, complaining about

loud commercials. and asked that the FCC simply pass a law requiring that commercials not be loud.

CBS Technology Center continued to study the physics of loudness and eventually developed an algorithm that closely approximated the human ear. This was used in the development of a loudness meter and a loudness controller. Prototypes of these devices were sent to the FCC for tests. As these devices were installed at certain broadcast stations, the complaints about loud commercials from those stations decreased, indicating that the devices were indeed effective.

The FCC came to the conclusion that some commercials are made intentionally loud at the production houses through audio processing techniques, and not necessarily at the individual broadcast station. But with the use of the CBS Loudness Controller and new television sets equipped with level control devices and remote control mute buttons, the problem of loud commercials may be a thing of the past.

In case any of you think I made this all up, check the Federal Register, 7/10/1984, pages 28077-9, or EC Docket 79-168; FCC84-300.

FORUM

Bill Draeb asked about a news report he heard which stated that a new cable TV station is on the air on channel 16 at New London, WI. The only channel 16's I have any record of is a CP for a LPTV in Land O' Lakes and a CP for WYJE in Manitowoc, which is actually going to be weaker than the LPTV. But nothing for New London. Maybe it's a new pay channel available on their local cable system. Anybody have any information on this?

He also noticed that WCAY-TV in Nashville and KDNL-TV in St. Louis, both 30+, produce CCI bars with a slightly diagonal pitch.

John Combs asked about 25 UHF translators set up along the Florida Keys which cover the Miami stations. He wrote to the Monroe County Commissioners, which owns the translators, and never got a reply. In fact, he wrote three times. As a county employee myself, I can tell you that county governments won't lift a finger for you unless you are a resident of that county and a registered voter for the party in control. The upcoming WTFDA Translator-LPTV List will have all the information you could want on those translators. In fact, the cover, which was featured in the 6/84 VUD, shows a map of the Florida Key translators. The list will have about 75 typed pages. I should be finishing the typing about the time you get this VUD in the mail, so chances are it will be advertised in the 10/84 VUD.

Rod O'Connor, our man in Alaska, sent some articles from Anchorage newspapers. KTBY, channel 4 in Anchorage, has been suffering from old equipment and lack of funds to buy new equipment, resulting in poor coverage. But a sale of the station in the works should improve things. Already a new transmitter is on the way to replace the old one.

A few other articles involve K20AG, Anchorage's first UHF low power TV station. The station transmits from atop a 16-foot high tower and operates 17 kw ERP. The station has a five-meter satellite dish to pick up ACTS (American Christian Television System), a fairly new Christian satellite network started by the Southern Baptist Convention. K20AG will also broadcast local school sports events, and sell commercial time locally. But no commercials for alcoholic beverages or R-rated movies, etc.

There are already three satellite networks of religious organizations: CBN, PTL, and Trinity Broadcasting, so why is the Southern Baptist Convention trying to start another? Their contention is that the three religious networks are all predominantly charismatic, whereas only 5% of the Christian community is charismatic. ACTS hopes to appeal to the majority of Christians. The network hopes to be on a network of LPTV stations and cable outlets. K20AG is its second LPTV station. 75 cable systems so far have picked up ACTS. Cable systems seem to be resisting ACTS, looking at it as just another religious cable service. But the Southern Baptist Convention responds that they are trying to appeal to a much greater percentage of Christians.

Bob Langri clipped an article from his local paper about KJLB, the proposed channel 18 in Davenport, IA. They have FAA approval of the tower height, county planning board approval for the control building and tower in farm area, and hopes to be transmitting by December this year.

Bill Thompson mentioned that WGRZ-TV (Buffalo ch. 2) is presently using their auxiliary tower, next to its main tower which is 20 miles from Buffalo's center city. Right now it is putting an absolutely rotten picture into the Buffalo area. (What did you expect? After all, they are an NBC affiliate.) They are installing a new circular polarization antenna, and are bragging that their signal will be much better. I am curious to know if there is any improvement, since they were already using 100 kw. and can't go much higher. The only difference would be that there will be less ghosting on the picture. and Ghostbusters could have taken care of that more quickly.

Mike Bugai reported at the convention that W61AH, the SIN repeater of WXTV, ch. 41, is now operating on channel 47, and changed its location to East Hartford. Tower is in Farmington, just north of the WHNB-30 tower. He also gave me a clipping which explains why they changed. WETG plans to go on the air in Hartford on September 17, with a full 5000 kw ERP. When the station goes on, there won't be any news programs, nor any apparent commitment to local programming. There will be a few public affairs programs on Saturday and Sunday mornings, when most people sleep late. The station's owner promises news and local live programming when the station gets financially secure, maybe in about a year. (But don't hold your breath. As the second

independent UHF station in an already-crowded area, that might not come for a good many years.) The station is adopting a strategy known as "counterprogramming." That is, feature programming in a certain time slot geared toward a particular age group or interest that is not reached by other stations at that time. Since there is virtually no children's programming during the weekdays on other stations in the area. During the evening when other stations have local and network news WETG will broadcast the most expensive, popular, and current syndicated programs in the area. The article didn't say anything about its plans for the Prime Time hours, but I wouldn't be surprised if it was filled with movies.

Ronald Purdue heard that KXLT (Rochester channel 47) will be going on the air this fall, and that it and KXLI in St. Cloud will begin a news operation about that time.

George Mileon read in the Manchester Union that WNHT (Concord ch. 21) was sold to the Flatley Company of Boston, in order to get more money for its operations. The station had been on the air for only a few months, and already it's having financial problems. Again, the first year or two are the most critical for UHF stations.

WNDS (Derry ch. 50) laid off 12 people in order to reduce its overhead. Sounds like they are in the same fix, so don't expect that special channel 50 antenna, George.

George also asked about the MDS Guidebook mentioned a few months ago. I didn't get to see it, and don't have any plans to purchase one, but I'd be curious to hear a review from anybody who has seen it.

Speaking of financial problems, back to **Bill Draeb** with another letter he sent me. WSCO (Surin, WI channel 14) is in bad shape, and was having a fund-raising drive. WSCO is a religious station running only 200 kw. pretty weak for a UHF station. If the money doesn't come in, they might shut down temporarily (which most likely means for good until somebody buys them out), seek funding from other religious stations, and other ideas. The station is not listed in the TV Guide or the Green Bay newspaper.

Ben Wilkie is a new member from Maine. He reports that WTVX (Marlborough, MA, channel 66) and WMFP (Lawrence, MA, channel 62) will become 24 hour music video channels. He heard talk of another UHF in eastern Massachusetts that will be going full music video. (My guess is WQTU, ch. 68 in Boston) WGOT (ch. 60 in Merrimack, NH) will be a commercial independent station when it goes on the air. Everybody take note of the call letters since I hadn't reported them yet. I hadn't seen them granted yet in the usual sources. Ben also asks if there is any talk about channels 38 or 51 in Portland, ME. There is no channel 38 in Portland, unless somebody is applying for a low power television station there. Channel 51 is WHSI, which will be a fairly strong station when it goes on the air. But don't expect them on for at least another year.

Jim Pizzi is picking up more translators in the northern Texas area. Judging from the

information he supplied, it looks as if the Childress, TX translators K70BH, K72BZ, and K74CH dropped down to channels 46, 48, and 50 respectively. A channel 54 translator is most likely former K70BH in Turkey, TX. So be on the lookout also from a LPTV on channel 52 in Childress, and three more stations in Turkey: ch. 56 (from K73AM), 58 (from K76AN), and a LPTV on ch. 60 which might have the same programming as ch. 52.

Richard Reese says that CJRT is definitely on channel 2; he logged it on 5/13. I think I'm missing something here. Can somebody tell me where CJRT is? Anyway, he also caught KLBV, ch. 4 in Colby, Kansas, on 7/26 during a skip opening. There have been a few low band VHF stations starting up lately in the west, and I have seen them being logged by DX'ers in their reports. So those who have logged just about everything there is on skip still have a few more targets to look out for.

Another article from **George Mileon**. The owners of WNHT-TV, ch. 21 in Concord, NH, deny that the proposed sale of the station to Flatley is not due to a problem in funding. It's simply a matter of a willing buyer and a willing seller. He also says that as of 8/8/1984, WSTG, channel 64 in Rhode Island, is still not on the air. Not even during the daytime.

Larry G. Fuss agrees that the reference to a channel 34 assignment to El Dorado must have been a mistake. I rechecked the Federal Register on that, and the correct channel is definitely 43, and no reference is made to a proposed channel 34.

He also mentioned another of the FCC's changes in rules. Up to now a person or company could own, or have interest in, no more than seven television stations, no more than five of which could be VHF. That rule is now changed so that a person or company can be involved in up to twelve television stations.

Larry subscribes to a computerized data service that provides up to date data bases for broadcast television. He uses it for his application-preparation business. He can also provide information on vacant TV or FM channel assignments in the United States. Commercial and noncommercial TV are on two separate lists. He is offering these lists at \$5.00 each. Also, if you would like a computerized printout of any particular state, showing vacant channels, construction permits, ERP, HAAT, coordinates, offsets and call letters, he can supply them at 25¢ per page. Specify which states you would want and let him know. He will probably have to tell you how many pages it would be first. His address is: P.O. Box 3976, Jackson, GA. 30233-0976.

Larry recently hit it big in Las Vegas, but not the way you think. One client asked him to find a UHF channel that could be allocated to a suburb of Las Vegas. He did one better. By changing KVBC-TV from channel 3 to 2 (Las Vegas, that is), Changing ch. 4 in Ogden City, UT to channel 7, and deleting ch. 2 from Goldfield, Nevada, he would be

able to fit channel 4 in North Las Vegas. It was a long shot, but the FCC thought it made enough sense to make a proposed rule making.

I can see one possible catch. A few years ago in Tulsa, VHF stations KJRH and KOED-TV wanted to switch channels, which would require changing a noncommercial reservation from channel 11 to channel 2. A UHF station in Tulsa, interpreting an old FCC policy, held that this change was tantamount to establishing two new assignments, and insisted that it have the right to apply for the new commercial VHF assignment in competition with the existing commercial VHF station. That threw a monkey wrench into the whole works and the proposal was scrapped. In the Las Vegas situation, KVBC might have to compete with another applicant for channel 2.

Charles George sent some articles on channel 33 in Dallas, back on the air. Note that the call letters are KRLD-TV. I mentioned the controversy behind the call letters a few months ago, but I didn't get any official notice that the letters had indeed been changed. Four years ago the station went on the air as KNBN-TV and was a business news station. When that failed it went to Spanish language programming, but that failed also and the station went dark. Metromedia came along, bought the station, invested a fortune in new equipment and programming, changed the call letters, did some heavy promoting, then went on the air with what might as well be considered a brand new station. Metromedia, as you may recall, actually produces many of its programs and runs them in syndication to other stations. That's why you're still seeing new episodes of Fame and Too Close For Comfort. That means that KRLD-TV won't have to depend on syndicated reruns for its share of the audience. But there are three other independent commercial stations (not counting a STV station) that are gearing up for heavy competition with Metromedia.

Another article says that one of those other stations, KXTX-TV, channel 39, is now up for sale. The station is owned by CBN Continental Broadcasting Network. I recently heard a rumor that CBN might drop out of the broadcasting business entirely and become strictly a cable service. We shall see.

I wasn't able to finish a letter from Mike Dornier in last month's column. He had a list of outstanding construction permits that are more than two years old. There are two runner up permittees for the oldest construction permit still authorized. Both are about four years old: KTTT, ch. 63 in Oxnard, CA, and WULT, ch. 20 in New Orleans. And the oldest? Would you believe WTVU, channel 59 in New Haven, CT, goes back to June 24, 1953, and still isn't on the air? When WELI-TV was granted that construction permit, it proposed to go on the air by the summer of 1954. Ten years later the FCC told WELI-TV to either go on the air or lose its permit. There apparently was a sale, because the station changed call letters in 1965 and was granted an extension. Its new calls were WTVU. It was sold again sometimes in the seventies, and

has yet to go on the air. This should be on "That's Incredible" or maybe "Ripley's." Mike listed several other construction permits, but that information will probably be detailed in the WTPFA TV Station Guide whenever that comes out.

Bruce Elving mentioned that KBGT, channel 8 in Albion, NE, used to be ABC, but is now an independent station. Same with KHGI, channel 13 in Kearney.

John Combs and Bill Draeb both caught me in a big mixup in July's VUD. I was confusing WHNS, channel 21 in Asheville, NC, with WHNT, channel 21 in Concord, NH. George Mileon was talking about WHNT, and John was talking about WHNS. It seems that both have similar call letters, same channel, and came on about the same time.

CANADIAN NOTES FROM WALTER PATTON

This is the list that should have appeared several months ago.

CHANGES GRANTED

NF Conche; CBNAT-8; change from ch. 13 to 12; 0.144 kw to 0.296 kw.

NF St. Johns; CJON-TV, ch. 6; increase ERP from 62 kw to 76 kw.

PQ Baie Comeau; CBNIT, ch. 28; increase ERP from 3.5 kw to 4.2 kw.

PQ Matane; CEGAT, ch. 6; increase ERP from 3.28 kw to 3.7 kw.

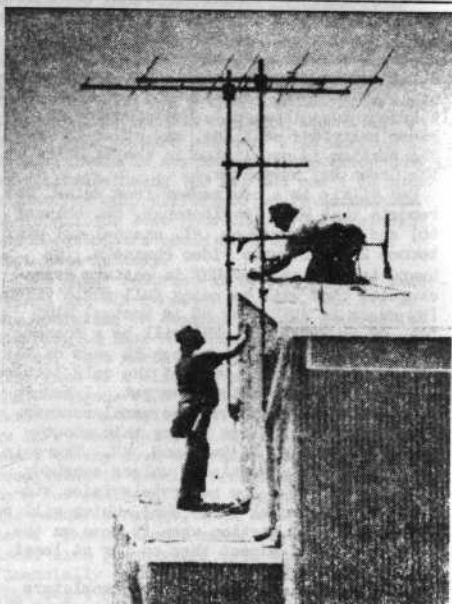
PQ Mont Luis en Haut; CEGAT-10; ch. 19; increase ERP from 3.35 kw to 5.15 kw.

PQ Murdochville; CEGAT-2, ch. 10; change ERP from 1.6 kw to 1.53 kw.

APPLICATIONS FOR CHANGES

NF Carmanville; CBNAT-7, ch. 7; to increase ERP from 0.135 kw to 2 kw. Move TL

NF Musgrave Harbour; CBNAT-11, ch. 9; increase ERP from 0.0089 kw to 0.946 kw.



FEEDBACK

SHOULD WTPFA'S DXING STANDARDS BE CHANGED? IT'S TIME FOR THE MEMBERSHIP TO DECIDE!

Recently, WTPFAer Ralph Strobel stepped down as editor of the VUD CENTRAL FM DX column, a position that was created especially for him when editing the NORTHERN FM DX section became too time-consuming, due to the increased workload that many enthusiastic reporters had created. Ralph is not by any means a newcomer to DXing, having been a DXer for many years, and a DX report columnist for WTPFA since 1979. As an editor, his work was as close to perfect as you can get, and we always enjoyed receiving neat and on-time copy from him. Club HQ was a bit surprised when he stepped down.

It should come as no surprise that we value such a DXer's opinion highly. In the past few months, we've had some comments and suggestions from him that may prove a bit controversial to some DXers, but definitely deserve to be discussed by the WTPFA membership. The club rules and standards for counting DX stations are currently under review, and may be changed soon. Here are some questions that Ralph would like the club membership to think about:

- 1.) Is hearing call letters only, enough to count a station as new?
- 2.) Is hearing the call letters only, enough to count the station as new? For instance, one may hear, "The weather for lakeland is..." Is this good enough to know it really was Lakeland, FL? What if there are two different states having a Lakeland on the same frequency? Then it would be impossible to know which Lakeland it was.
- 3.) Guessing at a station because of a particular format should be prohibited in my opinion.
- 4.) Is it proper to telephone a station asking, "Is this you?" Can it be counted as new if call letters or city is never heard over the air? My opinion is NO.
- 5.) I feel the part which states "Any DX received within a 50 mile radius of a DXer's primary location may be included in scoreboard totals," should be changed from 50 miles to 25 miles. I have compared my Muncie reception with Bob Zent, Huntington, IN; Dave Haskell, Fortville, IN; and Dave Brumfield, Richmond, IN; all being about 40 miles from here in different directions. Reception, the majority of the time, is totally different than what I was receiving.

In another letter, Ralph comments: "In my opinion, the rules are outdated and should be revised to be more specific, and brought up to date. It has been obvious that (some DXers) have counted stations by format alone with no calls, city, etc. ever heard...then we have other DXers who want to count a station as new every time a call letter change is made."

Many thanks to Ralph for his comments. Now we'd like to make a few. WTPFA HQ agrees that telephoning a DX station to identify it not wrong all by itself, as long as you do get a positive ID. Many stations are thrilled to hear from DXers, and sometimes will actually put the DXer on the air; but remember, you must hear some kind of positive identification from the station over the air in order to count as IDed. Positive identification can take many forms, but you MUST be reasonably certain. Don't just accept the word of anyone who answers the station telephone! Doing so, without having heard a definite ID from your DX receiver, is definitely unethical, and counter to the spirit of DXing. Go ahead and call a DX station if you feel like it. It's your dime, as the old saying goes.

Now it's YOUR turn to comment. We want to hear on this from all WTPFA members, old and new alike.

A DX DISTANCE AND BEARING PROGRAM FOR ATARI 400/800 COMPUTERS

Larry G. Fuss
CONTEMPORARY COMMUNICATIONS
P.O. Box 3976
Jackson, GA 30233-0976
(404) 775-6920

The August issue of VUD contained a DX Distance computer program for Commodore 64 computer users. How about one for Atari 400/800 users?

The program below will not only give you the exact distance, but the compass bearing as well. It runs on any Atari 400 or 800 computer.

I also have the same program for TRS-80 computers, which I'll supply free to any club member sending me a self-addressed stamped envelope.

I also have a complete data base listing that gives coordinates of all FM and TV stations in the US, Canada and Mexico. If any club members would like a copy of a certain state or states, I can supply them for 25-cents a copy (that's what the local bank charges for copies). If you need just one or two stations, send a stamped envelope and I'll send them to you.

By the way, if anyone needs a map to figure out their coordinates, here's how to get one: If you live east of the Mississippi, write to The US Geological Survey, 1200 South Eads Street, Arlington, Virginia 22202 and request a topographic map index for your state (they're free). After you get the index, determine which map you need and send in your order. The maps are only \$2.75 each (there's a \$1 service charge for orders under \$10). Besides the coordinates, you'll also be able to determine your height above mean sea level at your location. For those west of the big river, write to the US Geological Survey, Box 25286, Denver Federal Center, Denver, Colorado 80225.

A DX DISTANCE AND BEARING PROGRAM FOR ATARI 400/800 COMPUTERS

```

100 REM SITE-TO-SITE DISTANCE CALCULATING PROGRAM
120 REM USES METHOD OF PART 73.207 AND APPROXIMATION
130 REM OF DATA IN FIGURE 73.698
140 REM - WRITTEN BY CONTEMPORARY COMMUNICATIONS
145 RAD
149 PRINT " CONTEMPORARY COMMUNICATIONS"
150 PRINT " DISTANCE & BEARING CALCULATOR"
165 PRINT
170 PRINT " ENTER COORDINATES AS CALLED FOR."
171 PRINT " SEPARATE WITH COMMAS (DD,MM,SS). "
172 PRINT
173 PRINT
174 PRINT
175 PRINT "ENTER REFERENCE SITE LATITUDE..."
176 PRINT
180 INPUT L1,L2,L3
190 IF L2>59 THEN 180
200 IF L3>59 THEN 180
210 LR=L1+((L2+(L3/60))/60)
214 PRINT
215 PRINT "ENTER REFERENCE SITE LONGITUDE..."
216 PRINT
220 INPUT G1,G2,G3
230 IF G2>59 THEN 220
240 IF G3>59 THEN 220
250 GR=G1+((G2+(G3/60))/60)
260 PRINT
265 PRINT "ENTER SECOND SITE LATITUDE..."
269 PRINT
270 INPUT L4,L5,L6
271 PRINT
280 IF L4<0 THEN 170
290 IF L5>59 THEN 270
300 IF L6>59 THEN 270
310 LS=L4+((L5+(L6/60))/60)
315 PRINT "ENTER SECOND SITE LONGITUDE..."
319 PRINT
320 INPUT G4,G5,G6
321 PRINT
330 IF G5>59 THEN 320
340 IF G6>59 THEN 320
350 GS=G4+((G5+(G6/60))/60)
360 LA=(LR+LS)/2
370 RL=LA/57.2958
380 KT=68.53+(LA*0.0116)
390 KN=69.25*COS(RL)
400 DT=LS-LR
410 DN=GR-GS
420 MT=DT*KT
430 MN=DN*KN
440 MI=SQR(MN^2+MT^2)
540 IF MT=0 THEN 570
550 AQ=MN/MT
560 GOTO 580
570 IF MN<0 THEN AQ=9999 OR AQ=-9999
580 AZ=57.2985*ATN(AQ)
590 IF MT<0 THEN AZ=AZ+180
600 IF AZ<0 THEN AZ=AZ+360
610 PRINT
620 PRINT MI;
630 PRINT " MILES AT ";
640 PRINT AZ;
650 PRINT " DEGREES ";
660 GOTO 260

```


SPECIAL REPORT THE MARCH-APRIL F₂ SKIP OPENINGS

Although F2 skip is relatively rare on VHF frequencies, it continues to amaze those of us interested in the spectrum above 30 MHz. Even though we are approaching what should be, in theory, the bottom of the current solar activity (sunspot) cycle, the events observed this spring by amateur radio operators on the 6-meter (50-54 MHz) band were astonishing.

Reports of the March-April F2 skip activity prove that the alert VHF DXer can be rewarded with some truly exotic catches, despite the fact that the type of F2 skip that was encountered this spring was not "supposed" to happen at this point in the cycle.

The VHF amateur radio community is still buzzing about the events, which allowed stations in Australia, New Zealand, and several South American countries to make contact with U.S. hams on the 6-meter band. Even more interesting to WTFDAers is the fact that Hawaiian ch 2 TV video made it into South Pacific and Australasian regions, while Australian and New Zealand TV signals were monitored in North America.

One of the lucky amateur radio operators involved was WTFDA propagation expert Pat Dyer, known to many as WA5IYX. Pat's San Antonio, TX location is among the best on the continent for both E-skip and F2. Those who attended the recent WTFDA convention may recall hearing tapes of some of these loggings made this year in San Antonio:

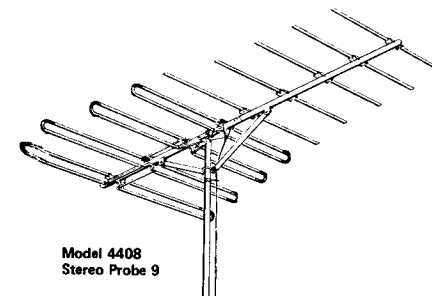
Date	Time (CST)	Propagation	Station
March 3, 1984	1220	F2	HC2FG 50.099 Guayaquil, ECUADOR (amateur CW beacon running approximately 8 watts to a vertical dipole antenna)
March 23, 1984	1500	F2	CE4??? 50.108 Talca, CHILE (remote base operated by CE4BOQ and CE4ETZ)
March 28, 1984	1758	F2	45.24/.25/.26 NEW ZEALAND (TV video buzz)
	1809	F2	KH6IAA 50.1+ Hilo, HAWAII (F2 backscatter; SSB)
March 29, 1984	2110	F2? TE?	HC2FG 50.099 Guayaquil, ECUADOR
	2119		LU4EJU 50.1+ Mar Del Plata, ARGENTINA (SSB)
March 31, 1984	1640	F2	ZL1MQ 50.0+ NEW ZEALAND (CW)
	1750		ZL1AKW 50.1+ NEW ZEALAND (SSB)
	1800+		50.750/.760/.740 NEW ZEALAND (TV audio signals; FM)
	1845		ZL1UHF 51.020 Auckland, NZ (amateur FSK beacon)
	2000		KH6IAA 50.1+ Hilo, HAWAII (direct F2 path; SSB)
April 5, 1984	1400	F2?	ch A2 audio Arequipa, PERU?
	1730	F2	ZL7OY 50.0+ CHATHAM ISLANDS ZL7AFH 50.0+ KERMADEC ISLANDS (both above CW signals)
April 6, 1984	1630+	F2	ZL8AFH 50.0+ KERMADEC ISLANDS
	1710+		ZL1MQ 51.0+ NEW ZEALAND
	1846		YJ8RG 50.1+ NEW HEBRIDES
April 7, 1984	2000+	F2	ZK2RS 50.1+ NIUE
April 11, 1984	1510	F2	CX4BA 50.1 Montevideo, URUGUAY
	1540+		PP5WL 50.1 Santa Catalina, BRAZIL

THE PROBE NINE

by Bill Thompson

What's the best FM antenna available commercially? That's one of the most often asked questions by the newcomer to FM DXing. The most common "deep-fringe" antenna found in the catalogs usually features ten elements. It may come as a shock for you to discover that the one antenna most frequently rated highest in independent tests only features nine elements!

This is the Channel Master Stereo Probe Nine, a log-yagi type of antenna that's used by a large percentage of WTFDA's top FM DX enthusiasts. It may just be the most efficient marriage of the log-periodic and the yagi-uda antenna types on the market, when all things are taken into consideration. The Probe-9 consists of five driven elements in front of a feed section consisting of four well-constructed 300-ohm folded dipoles, very well balanced—even though tuned for a rather large piece of the RF spectrum, the entire 20 MHz of the FM broadcast band. Channel Master astutely uses aluminum element tubing for the phasing harness that connects the driven folded-dipole elements to the feed terminals. This is far better than the thin aluminum wire used by many antenna manufacturers for this purpose --it minimizes even the smallest mismatch, ensuring maximum signal transfer. In fact, it is much of the reason that the Probe-9's gain figures are so high--typically 12.5 dB over a half-wave dipole at 98 MHz (one test rated it at 12.9 dB!). This is a considerable amount of gain for a single antenna to produce in this part of the VHF spectrum. In fact, you don't get something for nothing in antenna engineering, and there are drawbacks, albeit somewhat minor.



What Channel Master seems to have thrown away in their "ideal" combination of yagi and log-type antenna designs is the reflector--that tenth element! Why is there no reflector element on the Probe-9? Probably two reasons. First, boom length is a consideration. Optimum spacing is used to achieve the best forward gain, and this makes the antenna already as large as (or larger than) most deep-fringe TV antennas. But a more important reason is probably the fact that a rear reflector would change the impedance of the four element feed section, especially with regard to the longest of the four folded dipoles, which would be closest to the reflector; this would mean that some of the forward gain would be lost.

This leads us to what many see as the biggest drawback of the Probe-9: mediocre front-to-back ratio, particularly at the low end of the band. Many other FM log-yagi design antennas will offer better f/b ratios, and several types do show narrower beamwidths than the Probe-9. However, none seem to be able to match it for forward gain performance. It turns out that the lower f/b ratio offered by the Probe-9 really isn't that hard to live with, because your FM tuner or receiver's "capture effect" (the amount of which is indicated by the capture ratio spec) can often make up for limitations in f/b ratio. It should also be noted that, in the United States at least, the lower part of the FM broadcast spectrum is populated by stations that, in general, have lower powers than those on the higher frequencies. Thus, you might not notice the lesser f/b ratio in the 88 to 92 MHz range anyway.

The only other drawback that comes to mind regarding this antenna is the availability. At present, it may be difficult to locate, due to Channel Master's move to a new plant. If you find a dealer with one in stock, beware. Known as the model 4408, it may be overpriced due to shortages.

EASTERN TV-DX

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

Eastern TV-DX

Harry J. Hayes; 9 Henry St., Wilkes-Barre, PA 18702 EDT

Equipment: VHF/2-6 Winegard yagi w/CM amplifier. UHF/Finco 6 ft. dish in attic w/Winegard PA-4975, RCA Colortrac 25 in. TV.

September 1984

September 1984

Saul Chernos; 79 Ridge Drive, Toronto ON M4T 1B6 EST? From Burnt River, ON;

Deadline: 1st
t-tentative

May 1984	June 1984	June 1984
31 Es 2130 KSNC-2 KS	3 Es 2130 CKYB-4 MB	20 Tr 2200 CIG?-13 ON
2200 KLINE-3 NE	CBKT-1-4 SA	Huntsville; soon to
2201 KTVY-4 OK	2159 CKTV-2 SA	be on; testing.
2223 KYCU-5 WY	6 Es 1937 WERZ-2 LA	23 Es 1530 KNDX-2 ND
2306 KJRH-2 OK	10 Tr 2100 WJKW-8 OH	25 Es 1900 KTWO-2 WY
2330 KOCO-5 OK	2352 CBLFT-6-12 ON	1920 KDUH-4 NE
2331 KSNW-3 KS	2353 CBLFT-2-13 ON	1900-1930(ELT) ch.4;
Wichita	2354 CBLFT-1-7 ON	Mr. Rogers; either KAID or KWSE?
	2355 CBLFT-15-34 ON	(or KCWC.wd)
	Penetanguishene	2130 KWGN-2 CO
	CICI-1-3 ON	26 Tr 2308 CHRO-5 ON
	Elliot Lake	Pembroke
	0400 WJAC-6 PA	t July 1984 1 Es 1030 WERZ-2 LA

Chalk down the best May and the worst June ever noted here. I missed Es June 21-22 during a trip to Toronto. A couple of nice Tr openings though on the 10, 11, and 26th.

Robert Ross; VE3JFC, Box 4373 Stn. C, London ON N5W 5J2 EDT

June 1984	June 1984	June 1984
8 Es 0840 WESH-2 FL	12 Tr 0246 WXYZ-7 MI	21 Tr 0412 WTOL-11 OH
12 Tr 0200 WAKR-23 OH	16 Es 1401 KPRC-2 TX	Es 1730 WDIQ-2 AL
0230 WKBD-50 MI	21 Tr 0400 WTVS-56 MI	1735 WWL-4 LA
0237 WUAB-43 OH	0408 WQPR-62 MI	1750 WEAR-3 FL
		1755 WTVY-4 AL

Equipment: 12" Toshiba; rabbit ears (VHF); Flying Arrow (UHF).

Bob Seybold; Bennett Road, Dunkirk NY

It has been some time since I sent in a report so thought I better. Have been busy and have not been too active logging TV DX but have observed it on steady basis just didn't log it. Got all my antennas up again after most my DX antennas were down since last fall. (Why?-wd) So now I'll be active till late Fall anyway. Here is my report: May-1984 Es quite frequent in early May and through most of May. June was rather light on Es. Most frequent seen: WERZ-2 WPBT-2, KATC-3, WLBT-3, WEDU-3, KTBS-3; most Oklahoma low's 2-6, KSNC-2, KSNW-3, KPRC-2 and other Texas low V's; Florida lows 2-6. July 1-7 not much Es; tropes picking up here in July, only occasional tropes in May-June. Recent new ones: WFD5-59, WXGZ-32. Recent DX: July 5 Tr WFDD-32, WCFC-38, WANE-15, WNDU-16, WSBT-22, WNIT-34, WOSU-34, WTLW-44, WBGU-57, WOAC-67, WUHQ-41, WEYI-25, WKAR-23, Toledo U's, Detroit U's 20,50,62,66; WGGN-52, WUCM-19, WCMU-14, WPTA-21, WKJG-33, WFUM-28, WFSL-47, Pittsburgh U's, WNPE-16, W41AA, WUTR-20 and many xtrs. July 1; good tropes 400 mi.; no log kept. Some Es also. July 7 - Evening; WCFC-38, WNDU-16, WSBT-22, WOAC-67, all Detroit U's, Ann Arbor U's & Toledo U's super. WKAR-23, WFUM-28, WEYI-25, WUHQ-41, WFSL-47, WBGU-57, WPGH-53, WNEO-45, WGGN-52. July 8 Tr WCIU-26, WFLD-32, WCFC-38, WSN5-44, WNDU-16, WSBT-22, WSJV-28, Ft. Wayne U's, WPGH-53, WUHQ-41, WEYI-25, WKAR-23, WFUM-28, Binghamton U's 34 & 40, WENY-36, WBRB-28, WFSL-47, W67AJ(WJIM), Sandusky, Toledo, Detroit, Ann Arbor U's excellent; WBGU-57, many xtrs of WNEB-17, about 30 or so, also of WSKG-46, WXXI-21, WVI2-25. July 9 Tr Binghamton, Scranton, Elmira, Utica U's; CHOT-40, CBLFT-13-15, CBLFT-14-32, CBLFT-1-44, all excellent. WTEY-54(rare), WUHQ-41, WUCM-19, all Ft. Wayne and S. Bend U's, WCFC-38, WPCB-40, WPGH-53, WKAR-23, WEYI-25, WFUM-28, WFSL-47, W67AJ(WJIM), WXMI-17 + xtrs.

W.P. Townshend; 4500 Conn. Ave. NW #901, Washington DC 20008 EDT

July 1984	July 1984	July 1984
9 Tr 0800 WTVZ-33 VA	11 Tr 0800 WVIR-29 VA	17 Tr 0900 WLVT-39 PA
WRLH-35 VA	0902 WGBB-49 PA	0903 WHP-21 PA
11 Tr 0749 WHAF-29 PA	13 Tr 0740 WHAG-25 MD	0911 WIVE-51 PA
0800 WPHL-17 PA	WFPB-31 MD	0958 WGAL-8 PA
WCVE-23 VA	17 Tr 0800 W4LAB(WVPT-51)	Station total: 46

Equipment: Realistic Portavision 55 (12-778). I bought this set in mid-June and I use this as my main DX rig. It does very well on all bands except the broadcast band.

June 1984

26 Es 1102 WPBT-2 FL
1110 WESH-2 FL
WEDU-3 FL
27 Es 1930 CBWT-24-4 NF
(Hermitage)
28 Es 1430 WERZ-2 LA

July 1984

4 Es 1100 KETS-2 AR
1115 KTBS-3 LA
1130 KTAL-6 LA
1200 WREG-3 TN
5 Es 1727 KARK-4 AR
1800 WBRZ-2 LA
WPBT-2 FL
1815 KTVY-4 OK
7 Es 0959 WERZ-2 LA

July 1984

9 Es 2045 WTVY-4 AL
10 Es 1130 WEDU-3 FL
WPBT-2 FL
WESH-2 FL
1200 WEAR-3 FL
1230 KPRC-2 TX
16 Es 0945 WTVY-4 AL
19 Es 2029 WRBL-3 GA

July 1984

3 Es 2015 2-4 unids

Today is 7/24. The last sign of Es seen was on the 19th. (I'll bet you saw some on the 26th-wd). The season this year continues outstandingly poor of DX. (Here too-wd). For the first time since June 8th I saw a little tropo activity last night, 7/23, which brought WTEY-54 NY and ch. 30 in Hartford in to a noticeable level. A check this morning 7/24 revealed nothing. For being a not summer, I can't understand why there are not more tropes or for that matter skip. I checked for skip all day for the last five days and saw hardly a trace. Stations not noted this summer include KQTV-2, KTVI-2, KGAN-2, KUSD-2. KJRH-2 and KSNC-2 were seen about twice in early season. Most of the openings have been channel 2-4 to LA. I don't imagine DXers up your way, Bill, are seeing much skip at all unless you are doing good to the west. (It's been a toss up as to which direction most of the Es has been coming from, with the exception of the NE, where I haven't seen much this year. Most from the West and South-wd).

John F. Combs; 2485 Ivan Ct., Orlando FL 32807 EDT

June 1984

30 Es 1330+ noted...
1420 KTVY-4 OK 1063
KOET-3 OK 941
1442 KOCO-5 OK t
1449 KJRH-2 OK t
(20 cci to WESH)
KOTV-6 OK t
(20 cci to WCPX)
1500 Quit
1830 Return
KTVY-4 still in
1832 KYTV-3 MO 899
Springfield
1840 KARK-4 AR 786
Little Rock
1910 Quit

July 1984

9 Es 2105 Unid-2; noted
at work.
10 Es 1110 Noted; 2-3;
no time.
1213 KIII-3 TX 996
1217 KPRC-2 TX t
1228 KMOL-4 TX 1027
San Antonio
1230 Quit
11 Tr 0840 WBTW-13 SC 416
WITV-7 SC 304
Charleston.
0848 WCIV-4 SC 303
WCSC-5 SC 304
WHMC-23 SC 393
0851 WPDE-15 SC 416

July 1984

11 Tr 0851 (U's v'y weak in relation to V's--recent windstorm may have damaged lead-in. Charleston V's in until early afternoon.
2310 WCTI-12 NC 507
New Bern
WCIV-4 SC 303
WCSC-5 SC 304
2318 WBTW-13 SC 416
2318 WWAY-3 NC
Wilmington
2321 WITN-7 NC 521
(No U's seen)
(Now I know I've got problems)
24 Tr 2305 WSAV-3 GA 240

July 1984

6 Tr 2313 WTOG-11 GA 240

And that's all folk's! A few nice loggings, but only three good days of DX. The past two weeks has been dreadful; while I probably wouldn't have had much time to log DX even if it was in. I didn't note any Es when I would dutifully glance at the dials each day. Not sure what the problems are with my UHF but we will probably be moving to another house soon, and I have no time or desire to mess with the thing right now. I renew my plea for a good, used 5 ft. dish, for UHF. Twenty-four hours before I asked him to look for me, Ken Simon saw one for \$15 and passed it up, unknowing. Aargh!! (John, about your question about my address, it's one in the same. I haven't moved or any thing. On my DXer correspondence and reports I've been putting R.R.#2 and, umpteen years ago we received a house number which is 1304 Ellis St. To avoid confusion I have been trying to stick with R.R.#2 for DX purposes and the latter for other purposes, but, I guess I used the former where I wanted to use the latter and hence the confusion on your part. But, as I said, it makes no difference.--wd)

Eastern TV-DX

September 1984

Rich Wertman; 315 Pine St., Lockport NY 14094 EDT?

Here is my report for the Eastern DX column. Conditions up here haven't been too hot unless you're in the right place. My QTH is surrounded by large maples which cut things in half. I think I watched more DX last summer but then I never knew of the club last year to log them. I haven't had too much luck with amps. I've tried using CM Spartans, Winegard cartridges and all I got was overload from locals. I wonder if 75 ohm cable would cut down on that? (It would help some. With the 300 ohm stuff you're using the lead-in is picking up signal also. With coax just the antenna would. Coax is the only way to go whether or not you use an amp. If you have trouble with loss use RG6, RG11 or even something larger.-wd) I wouldn't run 75 ohm without an amp because compared to 300 ohm there's too much loss, on UHF especially! I wish some one would fill me in on these EU4S's everyone's talking about. (I don't have one but in the Aug. VUD Jeff Kadet had some comments about his. Jim Pizzi also has one. Maybe they can help you out.-wd). I'm also looking for Finco. I heard they were bought out years ago from some company in Louisville! No good Es up here to brag about, just good tropo nights.

Equipment used: 19" Panasonic color TV. Lance Industries VM-886 log periodic for VHF at 62'; Channel Master 8 bay bowtie at 68' turned by an Alliance HD-73. All fed with CM #9555 Jumbo Polyclad 300 ohm. P.S.: Just installed 7' CM dish. Haven't tried yet; let ya know next month!

July 1984

6 Tr 0110 WSEE-35 PA 125
 WJET-24 PA "
 WQLN-54 PA "
 WIGU-12 PA "
 0120 WPCB-40 PA 210
 WVIA-44 PA 220
 WFAT-19 PA 210
 0130 WICZ-40 NY 180
 WENY-36 NY 170
 WSTM-3 NY 125
 0140 CKGN-2 ON 240
 (now CIII-2-wd)
 CJOH-6 ON 125
 CKWS-11 ON 150
 17 Tr 2240 CKVR-3 ON 110
 CJOH-8 ON 240
 CKCO-11 ON 180
 2250 WKYC-3 OH 225
 WJKW-8 OH "
 WCLQ-61 OH "
 2300 WUAB-43 OH 240
 WPGH-53 PA 215
 WJAC-6 PA 210

July 1984

17 Tr 2315 WFFT-55 IN 375
 WKJG-33 IN "
 2325 WKON-20 MI 240
 WKBD-50 MI "
 WUP-10 MI 350
 2340 WTVS-56 MI 240
 WQPR-62 MI "
 WAKR-23 OH "
 26 Tr 0010 WQTE-30 OH 270
 WBGU-57 OH 280
 WTVH-5 NY 125
 WIXT-9 NY "
 WCNV-24 NY "
 0025 WUTR-20 NY 185
 WNEP-16 NY 160
 CHRO-5 ON 225
 0045 CBOT-4 ON "
 CHNB-4 ON 230
 CPPL-10 ON 140
 0115 CIGI-3 ON 300
 WWTV-9 MI 345
 0145 WJEK-2 MI 240
 WDIV-4 MI "

July 1984

26 Tr 0145 WXYZ-7 MI 240
 WBAQ-49 OH 220
 WQAC-67 OH 230
 WLIO-35 OH 330
 WDHO-24 OH 270
 WFMJ-21 OH 180
 WKEN-27 OH "
 WYTV-33 OH "
 0235 WBRB-28 PA 240
 30 Tr 0115 WNEWS-5 OH 225
 WTVZ-25 OH "
 0125 WTOL-11 OH 270
 WQEX-16 PA 215
 WNEP-16 PA 220
 WXKA-23 NY 250
 CKNX-8 ON 190
 CFCL-6 ON 370
 0140 CKNC-9 ON 260
 CBET-9 ON 230
 CHEFT-54 ON "
 CKCO-2 ON 240
 Conditions in W. NY haven't been too great!

Tom Yingling; 221 Pinewood Road, Baltimore MD 21222 EDT 1-(301)-282-5649

Here's my next computer TV-DX log report to your column. I went camping with Don Elavins & wife up to Somerset, PA. Just about 10 miles south was Mt. Davis the highest point in the state. At the top is a 50 ft. tower for observation. I went up there with my 5" TV screen on batteries. When you get up top, all you see is the trees for miles. It was a little windy & misty so I could not stay up long. The loggings I got were before the weather got me. Besides, it was a little scary up there. Mt. Davis is 3416' & the tower 50' so I was at 3466'. No wonder the TV was so good! I wonder just how much better a dish and amp. would have done. Equipment: Sony KV 1214 color set, 12". Amps used are the Winegard BC-234 indoor for chs. 2-13 and EU-4S for UHF. The Channel-Master Quantum 1114 for VHF and Finco 5' dish for UHF at 45' and 50'. The BT CMA-Ub was taken down and put away for future use. The VCR is being much fun on skip for it seems a little better than my 1975 TV set. It's a little harder to use on UHF for you have always return the thumb knobs for tune in the signal and then you have to look at the TV UHF tuner to make sure you are tuned to the correct channel. So far I am working on an video I.D. tape of my loggings. Then I take my VCR downstairs to the living room and dub them onto my Father's VCR. It's sure good to have 2 VCR's in the house. The TV set used at Mt. Davis is a W.T. Grant Ranger-505. The loggings at Mt. Davis were very good for just having my TV on batteries and a rod antenna. You turn the antenna one way and you get one station & then go the other way and get another!! At the top of that tower. I haven't gotten much Es this year yet; must be because it knows I got a VCR to tape it on.

Eastern TV-DX

Yingling; continued---

September 1984

June 1984

14 Tr 0116 WWHT-68 NJ
 0120 WSNL-67 NY
 0125 WTX-20 CT
 0130 WXTV-41 NJ
 15 Tr 0024 WENY-36 NY
 0043 WPTF-28 NC
 17 Tr 0040 WUTV-29 NY
 20 Tr 1645 WNYC-31 NY
 1647 WNYE-25 NY
 21 Es 1722 KATC-3 LA
 1730 KTBS-3 LA
 1733 WDSU-6 LA
 1750 KAUZ-6 TX
 1755 WLBT-3 MS
 1800 KFTM-6 TX
 1805 KEMV-6 AR
 Mountain View
 1810 KAAL-6 MN
 1820 KSTP-5 MN
 1825 WCCO-4 MN
 1830 KDAL-3 MN
 23 Tr 0130 WLFT-22 NC
 0135 WCQR-50 DC
 0152 WPGH-53 PA
 0244 WAKR-23 OH
 0253 WPCB-40 OH
 0627 WNYE-25 NY
 0628 WTX-20 CT

June 1984

23 Tr 0630 W59AT NY
 0632 WVIT-30 CT
 0635 WSBK-38 MA
 0639 WDAU-22 PA
 0645 WTEY-54 NY
 0650 W62AB RI
 0651 WSEB-36 RI
 0700 WSNL-67 NY
 0701 WWHT-68 NJ
 0705 WLVI-56 MA
 0751 WPTF-28 NC
 0800 WPCQ-36 NC
 24 Tr 0305 WTEY-54 NY
 0306 WTVB-51 PA
 0330 WVIA-44 PA

July 1984

5 Es 1759 KOET-3 OK
 1801 KOTV-6 OK
 1805 KEMV-6 AR
 1830 WCIX-6 FL
 1845 NTV-3 Cuba
 1900 WLBT-3 MS
 1910 WEDU-3 FL
 9 Es 1950 KSNW-3 KS
 11 Tr 2121 WNYC-31 NY
 2125 W35AB PA
 2126 WXTV-41 NJ

From Mt. Davis PA:July 1984

21 Tr 1027 WPXI-11 PA
 Pittsburgh
 1030 WFAT-19 PA
 Johnstown
 1100 WPSX-3 PA
 Clearfield
 1130 WTOV-9 OH
 Steubenville
 1140 WTRF-7 WV
 Cleveland
 22 Tr 1000 KDKA-2 PA
 1005 WKYC-3 OH
 1010 WTAE-4 PA
 1012 WDAY-4 WV
 1015 WDTV-5 WV
 Weston
 1030 WJAC-6 PA
 1130 WXYZ-7 MI
 1135 WTRF-7 WV
 1140 WJKW-8 OH
 Toledo
 1145 WCHS-8 WV
 Charleston

July 1984

11 Tr 2130 WNJU-47 NJ
 2131 WNJM-50 NJ
 2135 WTVB-51 PA
 2139 WNJT-52 NJ
 2150 WWSG-57 PA
 2151 WNJB-58 NJ
 2155 WFMZ-69 PA
 2200 WWHT-68 NJ
 2205 WLVI-39 PA
 2210 WTX-20 CT
 2337 WLIV-21 NY
 2345 WQNE-25 MA
 2350 WSBK-38 MA
 2400 W59AT NY
 12 Tr 0005 WSNL-67 NY
 15 Tr 0300 WNBC-4 NY
 0305 WPXI-11 NY
 0309 WABC-7 NY
 0320 WWHT-68 NJ
 0321 WSNL-67 NY
 16 Es 0900 WSAV-3 GA
 0930 WEDU-3 FL
 0940 WCIX-6 FL
 1000 KATC-3 LA
 1005 WLBT-3 MS
 1030 KTBS-3 LA
 1035 NTV-3 Cuba
 19 Tr 0015 WLFL-22 NC
 Es 2030 KTBS-3 LA
 26 Es 2039 KSNW-3 KS

July 1984

22 Tr 1200 WTOV-9 WV
 1202 WSWP-9 WV
 Grand View
 1210 WENS-10 OH
 1214 WTAJ-10 PA
 1230 WPXI-11 PA
 1235 WTOL-11 OH
 Toledo
 1240 WICU-12 PA
 Erie
 1300 WQED-13 PA
 Pittsburgh

Frank Merrill; P.O. Box 7207, Toledo OH 43615 EST-EDT?

I just found a severely outdated TV-DX report while going through some unanswered correspondence. It never occurred to me that my 1983 DX was not even printed in the VUD; I just didn't notice, so failed to realize anything was wrong. A lot of this is old but the more I think of it, maybe it will look good for there to be some Es in the September VUD, hi! I'll try to condense this wherever possible; no need for exact times on Es, etc. I'll hold this '82-'83 stuff for a few days, adding the '84 stuff that I hope to "post" these next few days. Equipment: Zenith 13" color, Model L3310C. Channel Master 3617 Super Crossfire and 7' dish at 65'; Winegard 4990 pre-amp; Alliance ham rotor. This report covers quite an extended period of time. I apparently had it ready to go last October, then mislaid it; now I have redone it by summarizing the time of day rather than the specific time for each catch (with some exceptions). With the poor 1984 Es season, these pages will look less bare with some 1983 stuff in them, hi!

December 1982

4 Tr 2140-2200 Short lived "lake effect" with Toronto, Buffalo, WUTR-20 ccl CHEX-12 (rare)
 14 GW 2300 WFSL-47 MI 90, WGGN-52 OH
 55, new locals.
 17 Tr 2200-2400 WKPT-19, WAND-17, probable VA on 52 (needed), +47.
 18 Tr 0150-0210 WZTV-17, WOWL-15, WJHL
 -11, WCYB-5.

February 1983

13 Tr 2200 CELFT-61 ON 240.
 14 Tr 0028 WDDD-27 IL 380, WWIN-9 IN (rare)!

May 1983

24 Es 1930-2100 KTWO, KSNV, CKTV, KSNW, KID, KYUS, CFSS, KDUH, KENS, KOAA.

June 1983

8 Es 1855-1929 XHRIO-2 TAMS 1400

June 1983
 9 Es 1900 KMID-2, KIII-3, KRIS-6.
 2130 KOAA-5
 14 Es 1755-1800 KCEN-6 TX 1060; KBTX-3,
 KIII-3, KMOL-4.
 15 Es 1500 XHPN-3 COAH 1330 s/on after
 3/4 c.b. and music!
 1430-1600 KMID-2, KIII-3, unid SS
 ch.3, KMOL-4, KENS-5.

June 24-August 2 went out west, so gap-
 ing hole here.

August 1983

13 Tr 2200 WXJC-63 IN 80 new semi-local
 2400 K66BV MI 70 " " "
 SIN/Spanish. Why did they
 put a K-call in Detroit?
 16 Tr 0200 CITY-57 ON 280 s/off (was 79)
 0400 W32-- IN 140 24hr religious
 Muncie ad.
 0930 many, ranging from KDNL-30
 to Buffalo. Rare W56AV NY with
 WTVS off (why?).
 17 Es 1325 Cuba-3; which one?
 18 Tr 1701 KXLI-41 MI 590; over WUHQ in
 same direction. HUGE call
 letters on I.D.!!
 1807-1830 WFET-29 t; KIIN-12, WQAD
 0000-0130 WNEP-16 NY 440, WRDC-8,
 most WI U's, Rockford, CICO-24 ON
 CBLFT-44, Evansville.
 0133 CHOT-40 ON 470. London
 turned their TP off, leaving this
 CB in the same direction, zero-
 beating on WHMB. Is it this?
 (They are both zero offset-wd).
 0234 CICO-19 (Sudbury) t; WVIA-44,
 0410 WDCI-21, W55AJ NY w/TP.
 0414 WUTR-20 NY 460, or were my
 eyes playing tricks? I could
 swear I saw an outline map of NY,
 with writing on Lake Ontario.
 Apparently being used as a TP or
 weather-scan.
 0511 WDHO-24 s/on destroyed it!
 0515-0530 WSTM-3, WTVH-5, Buffalo
 V's with Detroit on (rare!). The
 real rarity was WSTM over WKYC.
 0630 WKBS-48 NJ 475 boy, I got
 this one just in time.
 0634 WTVR-51 PA 450 STV, barker ch
 gives phone no.
 0645 W63AB (WVIA) rare, WBFV-45.
 0658-0900+ WRBV-65 NJ 500, finan-
 cial until 0900, then STV.
 0700 WBY-54 NY 525. Thanks a-
 gain for large call letters. El-
 mira, Scranton, Wilkes Barre,
 Binghamton U's.
 0715 WHAG-25 MD
 0722 W70BA PA 370; Williamsport.
 0733 W7AF-29 PA 475.
 0743 W65AG PA 425; Mountain Top.
 It was a real gas getting this,
 W65AJ and WRBV-65 within 25° of
 rotor bearing! This is one of the
 best examples of how directional
 the dish is.
 0752 W7LAI NY 460. Relog of my
 most distant xltr! Carries WSKG

August 1983

not WHHT-17! WSKG mentions this (or
 used to join their s/on too.
 19 Tr 0825 W72AM PA 380; Duboistown,
 with WHTM-27 I.D.
 0828 Phantom W67AL-68 with WTJC-
 26 (+WTVZ on 67).
 0834-0837 WHYV-12 DE 490 from full
 screen TP to 3/4 CB to RETMA(?) with
 calls atop & city below, in this short
 time span. One of my best VHF catches
 ever; "hole" for local 11/13 fortunately
 points right at Wilmington.
 0850 WFMZ-69 PA 470; bullseye TP
 with calls! I sure wish more stations
 still did this.
 0959 WLVT-39 PA 470 all most for-
 got to I.D. this; the strongest of all
 newies this morning.
 0930 WDCG-19, WVIT-30 weren't
 there earlier. Oddly, no evening nite
 Tr of any kind noted, but:
 20 Tr 1030 WVCY-30 WI 230. I haven't
 seen this one since.
 1200-1630+ WFET-29 MI 540
 1400-1630+ KTMA-23 MI " Also,
 Peoria, KXLI-41, many WI's to WHWC-28;
 forgot to try WQOW-18!
 2100 WFAT-19 PA 275 "WFAT, TV-19
 salutes the Johnstown spirit." A
 shock! I tried for this hundreds of
 times (even when WPH, WTAJ-10 snowfree)
 with never a trace, and I was doubting
 their existence! (Ditto, I have yet to
 see them.-wd) Haven't seen this since
 either, even a trace.
 2130 WLYJ-46 WV This one I.D.'s
 a lot. 2100-2248 WPCB-40, WPHG-53, snow-
 free, W36AA, WTAJ-10, WWVU-24 CCI, WBOY
 W69AO, W65AH, W4LAA, W48-- WV. Also,
 WKBT-8 (in all day with traces or better)
 WFET-29, Central WI's, Rockford.
 21 Tr 0610-0637 WBFV-45, W48-- WV, (with
 WDHO-24 instead of WWVU) (humm, a sec-
 ond harmonic, hi!!), W7AF-29 WBER-28,
 WDCA-20.
 0700 WWSG-57 PA 475 STV; also
 had Sesame St. from SSE until 0754
 WBGU s/on; why would WKYH carry it?
 0730 WTSF-61 KY 250. More large
 call letters!
 0949-1000 W72AA/W75AE/W77AA MI
 360; all fading in unison; my notes
 forgot to mention which ones I had Green
 Bay I.D.'s on. (No matter, they've all
 moved to other chs.-wd). Not alert
 enough to spot the 10 or 15 other Iron
 Mountain xltrs, which, at the time I
 never knew anything about yet!
 1052 WJIM-6 was buried by both
 WCML (ultra, ultra, ultra, ultra rare) &
 WLUC! I've never had either one bury
 WJIM before. Getting U.P. MI FM's
 through Toledo locals then.
 24 Tr 1830 WVAH-23 WV 280.

September 1983

26 Tr 2100 W55AO WI (WPNE-38) Ellison
 Bay. More N.WI V's & U's, W46-- MI t

October 1983

10 Tr 0030 KMTZ-27, KOLR-10, KFVS-12
 strong, KETC-9, KSPR-33 t.
 0130 KTV-29 AR 700; same offset
 as CKGN-29.
 0204 KNLC-24 MO 410 s/off
 0300-0600 KMBC-9, KMOX-4, KINL-30
 0800 KSPR-33 MO 600 puts their
 calls on the screen a lot!! Ripping
 WKJG at 80 mi, same direction.
 0810-0846 KOMU-8, KRCG-13 cci on
 WTVG1; KOLR-10, KSDK-5, KODE-12.
 0859 KGCT-41 OK 770; promo for
 "IT" STV, but wasn't STV at this hour
 0918 KMOS-6 MO 570; shocker of
 the year; no I.D. but called them to
 get phone parallel on documentary
 show (non-network).
 0925 KWCH-12 t; would be my "v"
 record.
 1600-1900 WSAW-7, KHQA-7, WKBT-8,
 (but no WQOW-18), WAOW/mess-9, WGRM-
 10, WHA-21, KIIN-12.
 2100-2130 WHRM/WICS-20, WYCC-20 t
 WILL-12.
 2320 WABO-12 (with WJRT/WISN/WKRC
 too; I had 8 different ch.12's today!
 11 Tr BLQP*XT; @1IP WICS-20 was making
 it hard for me to watch Laugh-In on
 WXON at 0010, hi.
 0230-0315, fadeout, WEEK-25, WQAD
 -8 loud, no KDNL/WBEM/o/WJEK.

May 1984

? Es 1908 KSAF-2 NM 1280. Lost notes,
 but I recall time.
 13 Es 1700-1900 CJCHL-6, CKCW-2, CHSJ-4
 (good on FM so I concentrated there.
 I was less than 2 wks away, then,
 from visiting Inverness and Moncton.)

June 1984

14 Tr-GW 2300 WTEE-28 OH 150. This chan-
 nel's gone to the dogs.
 15 Tr 0745 WOI-5, KIIN-12 (also 1400),
 KDUB-40, Peoria/Rockford.
 2050 WBRN-43 IL 280. Love them rec-
 ord offers!
 2100 WKGZ-32 WI 280
 21 Es 1730-1930 WEAB-3, WFET-2, WKRG/
 WUFT-5, WCIX-6.
 22 Tr-GW 0113 W22AB OH Bucyrus 90. Pro-
 gram content SPN network; runner on
 bottom of screen gave calls and other
 info, announcing air date of 7/L. As
 of July, this is now all-night with
 STV, silent barker channel. Was sur-
 prised to see this exist.
 Es 0244-0248 KOUS-4, KTVQ-2
 25 Es 1900-2000 KTVQ-2, KBME/KOTA-3, KOUS
 /KPRY-4 t, KIVV-5.
 2040 KPRY-4 SD 870.
 2100 KWSE-4 ND 1000 and parallel
 KSRE ND 1000

July 1984

1 Es 1358 KCWS-3 CO 1280; another good
 I.D. er here.
 1600 KPRC-2, KIII-3.
 3 Es 2025 KCEN-6; good on FM, so I stay-
 ed there mostly.

July 1984

6 Es 1800-1830 CBHT-3, KMID-2, KACB-3.
 1928 KRTV-3 MT 1420 I.D. slide for
 over a minute!
 8 Tr 2035 WAFB-48 AL.
 2100 WGRB-34; they messed up their
 I.D. slide so I can't count.
 2122-2123 WHNS-21 NC 460; two ads
 and program promo; a phone call that
 week told me YES!
 2142-2253 WDBJ-7, WKPI-22 (rare),
 WKPT-19.
 2341 WGRB-34 KY 350; "Family 34
 Club" address; religious.
 9 Tr 0059 WCAV-30 TN 420; signed off at
 0130.
 0152 WEVV-44 IN 330; s/off 0159.
 0344-0455 WJHL-11, WTVF-5, WSMV-4,
 WCYB-5.
 Es/Tr 1943-2000 CBHT-3, CJCE-4, WROC-8.
 12 Es 2000 KFDX-3 TX.
 13 Tr 0950 W51AF La Salle IL, WBLN-43.
 14 Tr 0230-0535 WLUK-11 strong, WSAW-7
 WQAD/KCCI-8, KTMA-23 CCI, WHO-13,
 WOI-5, KSTP-5 t, weak CCI. No real
 hoped for sunrise biggie.
 0815 W64AK carrying WOAC instead
 of W67AL.
 0900 WYCC-20 IL 205 "FINALLY!"
 1635 WQAD-8
 1940-1947 WKBT-8, WSAW-7, WHRM-20
 15 Tr 2200-0115+ or so CKSO-2-3? CCI
 "bars" against WLUK-11; never saw
 this CCI before! WGTQ-8.
 16 Tr 0050-0103 Evansville U's, WDDD-27
 (now WRCT-wd).
 0250 KINL-24, KNLC-30, WTVF (weak).
 Es 0847 KATC-3
 23 Tr 0355 CIGO-7-12 ON Where is this?
 Had TVO TP on all night. With Buff-
 alo/Toronto in wall I am guessing
 this to be Owen Sound area. (I
 think you're right.-wd)
 0830 "Phantom" W67AJ-66 with
 WREM-5 (and their WJIM on 67).
 24 GW 2300 Lansing is now WLNS-6. I
 think this is their first day as
 WLNS.
 26 Es 1900-2100 KWGN/KTWO-2, KIII-3,
 KOAA-5, KYCU-5, KRMA-6.
 1900 KLEW-4 KS 950; TP about 1 1/2
 hr. later mentioned program tests.
 I thought this was on already? (I
 did too. The CE told me they would
 start programming on 7/1.wd).
 2103 UNMISTAKEABLE Es CCI on ch.
 7 for a minute or so! The CCI was
 unlike any I ever saw against WXYZ.
 But no FM Es at all, at this time.
 2130 KHAS-5 (rare) first time
 since 1972!

We should be able to look forward to
 more and better Es, with stations
 never fading at I.D. time, in future
 years, because in early June I sold
 all the FM Es, and most of the TV Es
 to the Japanese. With developing
 technologies in microchip Es, there's
 no way it can't get better-hi! Ser-
 iously, this report reflects virtu-
 ally all Es since June 12, as I have

WESTERN TV-DX

September 1984

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

Deadline: 10-5-83

Reports continue to indicate that 1984 has not been an exceptional E skip year. In fact, it may well be the poorest E skip season in many years.

This month, however, there are a number of reports of nice tropo openings. Not really super tropo, but certainly of interest.

Let's hope that the October column consists of numerous loggings of really long haul tropo!

I would like to, again, encourage all reporters to include distances with their reports. The distances make your reports much more interesting reading for those who are not familiar with your DX location. I have calculated some distances this month and included them in your reports. Where the distance was calculated by me, I have enclosed it in parentheses.

As long as I am on the subject of reporting, I would like to make a couple other comments. It does take considerable time to prepare this column, and while I welcome reports in almost any readable format, the closer they are to the format of this column, the less time it takes to do the column. Please, always include the time standard you used for your report. This is omitted on many reports, and while I try to keep track of the time preferences of individual reporters; without it being indicated, I might end up guessing. Also, please be sure that the state of each station reported is indicated.

New _____ New Mode _____ Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ _____ Unid Color Bars - % IHTP - φ Misc. Test Patterns - &

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220 CDT

Equipment: Quantum 1110, C.M. 7' dish with 4990 preamp at 61', 70'/30' runs of .412/RG-11 cable, H-D 73 rotor, 1980 System 3 with remote. Grove Scanner Filter III for UHF. Winegard DA-405 post amplifier (when locals are off the air). Tower, QDMX MD-56 (free standing)

June 1984	3 tr	W72AA 72 MI 200 (Iron Mtn WTBS-17)	15 tr	1140 W49AA 49 IL 230 1145 WBAK 38 IN 280 (Strong. Also, CCI under local ch15. Amazing!)
2 Es	1524-1719 unids(4) ch2 (One in SS, sw and w.)	0820 W76AI 76 MI 215 (Escanaba WLUC- 6)		
3 tr	0530 WDHO 24 OH 310 0600 CKCO3 42 OH 480 0604 WUAB 43 OH 400 WCLQ 61 OH 400 0625 WLIO 35 OH 315 0800 WTLW 44 OH 315 WGTE 30 OH 310 (Many regular MI chs ripping in for photos)	0900 W49AA 49 IL 230 (Springfield WCIA- 3) KNLC 24 MO 310 (Heavy CCI)	1200 WFHL 23 IL 225 (Look for lge 23 with Decatur IL under.)	
	4 Es	1907-2018 unids chs2-5 including Mex ch2 Au hash present during this opening.	1233 W51AF 51 IL 125 (La Salle LPTV) (In good)	
	7 Es	2051 KPRC 2 TX 975 1557 XEFB 2 NL 1365 1809 KMID 2 TX 1025 Unids ch 2 south including two SS and 3/4 CBTP.	16 tr	0137 WAKR 23 OH 415 0139 WDLI 17 OH 420 WUAB 43 OH 400 Es
		1955 KENST 5 TX 2006 KIDY 6 TX 1010 2200 XEJ t 5 CH 12 Es	1500 WGBH 2 MA 970 WGB t 4 MA WCVBt 5 MA	19 Es
		1259 unid ch2 Spanish ("TO-2")	1100 WPBT 2 FL 1305 1109 WESH 2 FL 1095 1130 WTVJ 4 FL 1305 1248 WPTV 5 FL 1280 1258 WJXT 4 FL 975 1300 WUFT 5 FL 1015 1400 WCBT 2 SC 890 (New state # 34)	20 tr
		1300 KMID 2 TX 1025 1330 KPRC 2 TX 975 1400 KSAF 2 NM 1025 1415 KMOL 4 TX 1090 1416 KENST 5 TX 13 Es	0730 W49AA 49 IL 230 0826 K57CN 57 MN 155 (Wabasha KSTP- 5) 0830 W49AG 49 MI 80 (Bloomington WHLA-31) 2205 Toledo chs 13,24 and 30. 310	21 tr
		1230 KPRC 2 TX 975 Unids on ch 4.	0210 K32AF 32 MN 270 (St. James KSTP- 5)	
		0300 WKOI 43 OH 310		

Western TV DX

September 1984

Nate Ely (continued)	30 tr	0530 +KTCI 17 MN 235	23 tr	1630 K74CZ 74 MN 135 (Winona KTTC-10) 2005 K57CN 57 MN 155 2008 W57AR 57 WI 205 (Sayer WSAW- 7) 2200 W55AO 55 WI 190 (Door County WPNE-38) 2201 W46AC 46 MI 230 (Traverse Cty WQMU-14) 2208 W49AG 49 MI 80 (Bloomington WHLA-31) 2210 W83AH 83 WI 105 (La Crosse KTTC-10) Mpls U & KXLI-41 in snowfree.
		July 1984		2302 KELO 11 SD 400 KSPY 13 SD 400 2326 K65BY 65 IA 150 (Waterloo PTL)
	1 Es	1432 KSAF 2 NM 1025 1519 WBRZ 2 LA 880 1410-1700 unids (5) on channel 2, sw		24 tr
		1709 XEFB 2 NL 1365 5 Es		0010 K20AD 20 MN 315 (Worthington KSTP- 5) 0022-0049 St.James Xlt 0040 KMEG 14 IA 360 Also, K41AD w/KMEG-14 0108 =C11I22 22 ON 510 0108 =C11I29 29 ON 355 0125 CKOC2 42 ON 480 0147 K14AD 14 MN 315 0259 K32AF 32 MN 270 K28AE 28 MN 250
		1510 WCIX 6 FL 1305 1511 WPBT 2 FL 1600 WCBT 2 SC 890 1630 WCVB 4 SC 890 1700 WPMY 2 NC 715		25 tr
	6 Es	1822 KPRC 2 TX 975 1822-1915 unids (6) on channel 2 sw,nw, (Useless skip)		0135 W49AA 49 IL 230 (Springfield WCIA- 3) 0837 WKOI 43 IN 315 0856 WUST 16 IL 300 26 Es
		7 Es		1230 WPMY 2 NC 715 unids chs 2 - 4
		2000 KWGN 2 CO 860 2000-2200 unids2-6 s&w (Put me in a bad mood!)		28 tr
		12 tr		1140 W68AA 68 IL 220 (Danville WAND-17)
		0924 K57CN 57 MN 155 (Wabasha KSTP- 5) 0924-0957 St James MN Xltrs 32,48,50, 52, and 54. 270 (K48AA STV ON-TV)		29 tr
		1000 KDSB 16 SD 485 13 tr		0000 WTLU 30 IN 310 0023 WDRB 41 KY 400 WLKY 32 KY 400 0215 K76BZ 76 IA 240 (Ottumwa WHO-13) 0220 K74CO 74 IA 240 (Ottumwa KCCI- 8) 0248 K33AA 33 IA 240 (Ottumwa w/WISN-12) 0336 K65BY 65 IA 150 0400 WTCT 27 IL 370 0431 WTVW 7 IN 375 0549 WFIE 14 IN 375 0600 WDHO 24 OH 310 31 Es
		0113 KMEG 14 IA 360 Also, K41AD with KMEG-14.		1140 WCBT 2 SC 890 1143 WCIV 4 SC 890 1243 WESH 2 FL 1090
		22 Es		
		0744 unid ch 2 s PBS 0746 KSAF 2 NM 1025 0800 KNAZ 2 AZ 1325 0830 KUTV 2 UT 1175		
		23 Four Lakes Amateur Radio Club Field Day. I noted excellent low band conditions in the AM. Also, some brief Es about 1000. Later @ 1600 there was au hash. Hope they had a ball!		
		24 Es		
		1600 WGBH 2 MA 970 WBZ t 4 MA WCVBt 5 MA		
		25 Es		
		1346-1824 unids ch 2 1824 KWGN 2 CO 860 1829 KPRC 2 TX 975 1853 KPRY 4 SD 550 (With KSFY call, my shortest Es)		
		1859 KTWO 2 WY 865 1926 KBCI 2 ID 1360		
		26 Es		
		1411 unids ch 2 south 27 ls		
		0105 Detroit 50,56,62 30 ms		
		0412-0530 chs2&3 Good!		

If DX'er's thought June was a bad month for E skip, I can hardly wait to hear about July. At this QTH, Es dried up after the seventh of July and didn't reappear until the 26th (a crummy opening). I guess that's it until next year. (I hope I have to eat my words!)

July tropo has been notable for translators again. Only a handful of 400 mile plus loggings for full service V's and U's. I was hoping that it was going to be as good a tropo summer as last year, but no such luck.

Some feedback on the DA-405 that Bill Thompson reported on. I picked one up after waiting eleven weeks for a B-T Enterprise U-1 to be delivered (I gave up on it). This amplifier goes along way towards sprucing up the gain that the 4990 preamplifier lacks, particularly on the higher channels. Hooking it up behind the 4990 provides an across the board improvement on all channels for increased contrast, sync, audio, and etc. I can only use it after my local UHF's are off due to severe overload (locals 7 1/2 miles away). I have experienced tuner overload from stations in the 70-100 mile range during this month's

Nate Ely (continued) modest tropo openings, but I find that using the Channel Master 7206 tunable trap ahead of the DA-405 clears up the offender fairly well. The DA-405 took 2½ weeks to be delivered from Fordham Radio at a cost of \$43.00. I'm pleased with this purchase. That's all for now. Nate

John Ebeling, 9209 Vincent Avenue South, Bloomington, MN 55431 CST

Prosit, Minnesota reception.

July 1984

3 Es 2100 KUTV 2 UT	8 Es 1820 unid channel 2
5 Es 1700 WESH 2 FL	9 Good tropes.
1 Es 1200 KMID 2 TX	11 Es 0800 unid channel 2
(Until 1300)	12 tr 0800-1100 Good tropes.
1400 WDIQ 2 AL	Es 1701 KPRC 2 TX
3 Es 1635 KNAZ 2 AZ	(Es up fast)
1700 KPRC 2 TX	1730 Es gone.
KMID 2 TX	14 tr 1300-1900 VHF trop up.
1800 WTVY 4 AL	16 tr 1900 Tropes good in AM
WDIQ 2 AL	1200 Trace of Es.
7 Es 1007 KPRC 2 TX	
1030 &WMB 2 MS	
1100 WDIQ 2 AL	
1700 KMID 2 TX	
1809 unid chs 2 and 4	
8 tr 0930 KABY 9 SD	

In addition, using bow-tie UHF antenna (single bay), the following UHF was noted at various times: K18AI Grand Rapids MN and K26AC Bemidji MN parallel subscription TV using barker channel and frequent ID's; K20##, KSTP translator; K22##, KSTP translator; KXLI-41 St. Cloud MN; K24##; and K59## apparently translating KDLH.
(John, I suspect your translators are the following: K20AC at Wadena, K22AC at Brainers, K24AE at Alexandria, and K59BQ, Deer River, all Minnesota. fm)

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251 MDT

Equipment: Panasonic 12" b&w, Sony 8" b&w, Panasonic 13" color, Motorola 19" color, Finco P-7 with EU-4S at 70', CM 6' with EU-4S at 35', Winegard 2073 (channels 7-13) with AC-9730 preamplifier at 75', Winegard 2026 (channels 2-6) with AC-9260 preamplifier at 30', plus other antennas.

June 1984

28 Es 1035 unids chs 2, 3 n	3 Es 1531 KRON 4 CA 1116	7 Es 1800 WJEK 2 MI 1260
(Had to leave.)	2100 KTVQ 2 MT 900	8 ms 1035 &WMB 2 MS 828
29 tr 0800 KLTJ 49 TX (380)	4 Es 1400 KTVU 2 CA 1116	Es 1802 KCBS 2 CA 855
1757 KWSE 4 ND 1035	1413 KRON 4 CA 1116	1825 KNBC 4 CA 855
1758 CKTV 2 SA 1188	1419 KPIX 5 CA 1116	1830 XETV 6 BCN 797
1800 KNDX 2 ND 936	5 Es 1032 XEWO 2 JA 840	1921 XHBCt 3 BCN
1830 KLVV 5 SD 765	1034 unid ch 4 TRM	2129 KTVU 2 CA 1116
2128 WDIQ 2 AL 1008	1036 unid ch 5 Mexico	2143 KRON 4 CA 1116
30 Es 1422 XEWot 2 JA	1047 XEZ t 3	2201 KTVnt 2 NV
	1101 XEW 2 DF 960	9 ms 0118 KTVI 2 MO 824
	1103 unid ch 5 Res TP	Es 1445 unid ch 2 SS XEW
	1931 XEWO 2 JA 840	1450 XHBot 3 ZA
	6 Es 1130 WFMY 2 NC 1350	1530 KTVQ 2 MT 900
	1159 WSB 2 GA 1098	1531 KRTVt 3 MT
	1200 WMB 2 MS 828	1630 KTVU 2 CA 1116
	1415 KTVU 2 CA 1116	10 Es 0945 KTVU 2 CA 1116
	1425 KSBY 6 CA 1004	1030 KRON 4 CA 1116
	1635 WFMY 2 NC 1350	1045 KCR 3 CA 1071
	1730 WSB 2 GA 1098	1052 KCLR 4 NV 1008
	1731 WTVY 4 AL 1067	1133 XEW 2 DF 960
	1800 WFMY 2 NC 1350	1134 XEZ t 3 QR XEW
	7 Es 1031 &WMB 2 MS 828	1136 XHGvt 4 VE TRM
	1158 CKPR 2 ON 1260	1137 XHZ t 5 QR XEW
	1200 KGAN 2 IA 878	1140 XHAJ 5 VE
	1200 KIMT 3 IA 900	1142 XHD t 4 TA XEW
	1430 KBCT 2 ID 990	(0 kHz offset to above ch 4.)
	1600 WJBK 2 MI 1260	1143 XHTIt 6 TRM
	1631 WDTN 2 OH 1152	1151 unid ch 4 Mexico
	WSAZt 3 WV NBC	1212 XHGct 5 DF
		1227 XHJCMt 4 Canal13
3 Es 1230 KCBS 2 CA 855	1634 unid ch 5 ne	1430 KGAN 2 IA 878
1430 WMB 2 MS 828	1702 KGAN 2 IA 878	13 Es 1430 KTVQ 2 MT 900
1520 KTVU 2 CA 1116	1703 unid ch 2 Mexico	

Jim Pizzi (continued)

16 Es 1051 unid ch 2 Mexico	19 Es 1214 XHGct 5 DF	21 Es 1130 KTVQ 2 MT 900
19 tr 0536 K65BT 65 NM 91	1215 XHTIt 6 TRM	Not much happening with
(Clovis w/KFDA-10)	1630 WYFF 4 NC 1206	trops here. The worst since
0537 K69CQ 69 NM 65	WDTnt 2 OH	I've been here. Es has been
(Clovis w/KFDA-10)	1632 WFMY 2 NC 1350	good, but nothing outstand-
(Both normal KBIM-10)	1652 WSB t 2 GA	ing. This season is turning
Es 1050 XHRPmt 2 TU TRM	1659 WCBD 2 SC 1359	out to be "ho-hum". Nothing
	1830 WESH 2 FL 1346	else to report, so until
	21 Es 1000 KGFE 2 ND 1058	next time, 73's, Jim

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

June 1984

26 tr 0550 WKYT 27 KY 473	13 tr 2230 KDINT 11 IA	21 tr 2030 W57AR 57 WI (145)
WTVQ 36 KY 473	14 tr 0242 KOCI 8 IA (360)	22 tr 2120 WFHL 23 IL (320)
WCET 48 OH 400	(Snow free sign off at	(Sign/off- 2304)
WRIX 19 OH 400	0254. Still running	2150 KDNL 30 MO 432
29 Es 1855 KCWS 3 CO (1075)	316 kW.)	2202 WUSI 16 IL 402
KUTVt 2 UT	0252 KBGT 8 NE (550)	WGRB 34 KY 508
KCWct 4 WY	0300 WHO 13 IA (360)	WTVQ 36 KY 473
KAMR 4 TX 991	(Snow free "News-	WDRB 41 KY 437
1935 KENW 3 NM 1103	center 13 Night-	WXIX 19 OH 400
2001 KWSet 4 ND	wire" - digital)	2219 WKMA 35 KY 499
	0321 WOI 5 IA (360)	2236 WSFJ 51 OH 395
	(Rare)	2302 KBSI 23 MO 512
	0553 KSHB 41 MO 525	23 tr 1813 KDSD 16 SD (500)
	(CNN Headline)	Minneapolis, St.
1 Es 1634 unids chs 2 & 3	0603 KCBJ 17 MO 450	Cloud UHF's snow
3 tr 0730 WKYT 27 KY 473	(Weather radar)	free. VHF's also
WTVQ 36 KY 473	0630 KEKR 62 MO 525	very good.
Es 1850 WMB 2 MS 784	0645 KSPR 33 MO 589	24 tr 2110 WCET 48 OH 400
KATC 3 LA 1026	0708 St. Louis UHF's	25 tr 0620 KDNL 30 MO 432
WWL 4 LA 1028	0740 WKPC 15 KY 437	W49AA 49 IL (340)
KALBt 5 LA	WDRB 41 KY 437	(Springfield WCIA- 3)
WDSU 6 LA 1028	WCET 48 OH 400	(Central Illinois and
WBRZ 2 LA 1002	WBTI 64 OH 400	Indiana U's snowfree)
1930 WLEt 3 MS 865	K66BV 66 MI 265	0646 W51AF 51 IL (235)
2050 Es all gone.	(Detroit SIN)	(La Salle LPTV)
4 tr 0630 CICO 19 ON 350	(Hvy diag bars w/WFBN)	2209 WBKZ 63 IN 238
5 Es 1900 WCBSt 2 NY	1318 KOZK 21 MO 589	(Rare)
WFSbt 3 CT	KMTC 27 MO 589	(Central Illinois and
WNBct 4 NY	15 tr 0553 KOLN 10 NE (550)	Indiana U's snowfree)
CBHTJ 3 NS	KGIN 11 NE (635)	26 Es 1720 WESH 2 FL 1130
CHSJ 4 NB 1085	KETV 7 NE (485)	WPTV 5 FL 1305
CKCwt 2 NE	(ID'd under snow	1729 KFDX 3 TX 945
6 tr 2020 KNLC 24 MO 432	free KWWL-7)	1848 KLBV 4 KS (795)
KDNL 30 MO 432	0624 W57AR 57 WI (145)	KLNET 3 NE
7 Es 1705 KMID 2 TX 1176	(Sayner WSAW-7)	KAMRT 4 TX
unids chs 3 & 4	17 tr 1915 WTVQ 36 KY 473	1850 KATC 3 LA 1026
9 Es 1855 CBHT 3 NS 1170	WKLE 46 KY 473	1904 WPBt 2 FL
unids chs 2 & 4	2012 WGRB 34 KY 508	1937 WDIQ 2 AL
1950 KMID 2 TX 1176	WKHAT 35 KY	WCBD 2 SC 916
1958 KSNct 2 KS	2031 WKSot 29 KY	WWAY 3 NC 882
2008 unid ch 3 se	WEVV 44 IN 420	WCVI 4 SC 916
10 tr 2036 St. Louis Us 432	WKPC 15 KY 437	2015 WECTt 6 NC
1s 2140 Peoria, Spring-	WDRB 41 KY 437	2019 WTVJ 4 FL 1372
field, Bloom-	Es 1920 WPBt 2 FL	2057 WKRGt 5 AL
ton UHF's.	WTVJt 4 FL	Other unids thru
12 Es 1910 unids chs 2 & 3	unid channel 3	channel 6.
KJact 4 TX	20 tr 2000 WCET 48 OH 400	27 Es 0930 No time to watch

July 1984

I finally saw WFHL-23 on July 22. I called the station and the chief engineer verified what I was watching. The following evening he called me back and wanted more details on my reception equipment, etc. He said he wanted the info for a map he was preparing of people who had seen channel 23 since they came on and for a program which was to be aired on channel 23 that evening. He didn't go into details there. He was interested in hearing from others who have seen them. Their phone number is (217)-428-2323.
I saw KLBV-4 again with the same 3/4 color bars. (The color bars had a plug for CNN Headline News at 2120). I have yet to see any programming from them.
I was watching WSCO-14 tonight, and they had a fund raising drive on. They need 30

William Draeb (continued) grand a month to maintain the programming as it now is. From what the announcer said, they were only getting 15-20 grand a month currently. I know around this part of the country there isn't much interest in them even though they could be received with a good outdoor antenna and, in some cases, a preamplifier.

Also, it looks like WBKZ-63 still has the same programming as they did when they first started. Old "Honeymooners" reruns at 2209 when I saw them on the 25th followed by an early sign/off.

I don't remember if I mentioned it, but I removed my Mighty Mite S in-line amplifier as well as my CADCO post amplifier from my antenna system. I was getting unbearable overloading from 26, 32, and 38 in Green Bay. Now all I'm using is the CMA-Ub.

When I saw KXLI-41, I heard them mention they were running over 5000 kW and using circular polarization. Maybe the reason for running over 5000 kW is because of the circular polarization? Maybe 2770 kW in each mode, horizontal and vertical?

That's all for now. 73's, Bill

Don Ruland, 4448 68th Place, Kenosha, WI 53142 CLT?

December 1983 20 Es 1830 CKND2 2 MB 780 31 Es 1900 KMID 2 TX 1070 21 Es 1800 WGBH 2 MA 850 22 tr 0600 W27AC 27 OH 240 (Bowling Grn WBGU-57)

April 1984 25 tr 2200 WSCO 14 WI 170 WXCZ 32 WI 120 May 1984 6 Es 1000 KSL 5 UT 1220 KID 3 ID 1200 KUTV 2 UT 1220 1100 KATC 3 LA 900 1900 KPRC 2 TX 980 30 tr 0700 WFDS 59 IN 220 7 Es 1825 KTVQ 2 MT 1040 2000 KTXT 5 TX 980 KENW 3 NM 1010 KSAF 2 NM 1080 2230 KIII 3 TX 1160 8 Es 2000 KTXT 5 TX 980 KMID 2 TX 1070 KFDX 3 TX 830 21 Es 1715 WLBZ 2 ME 950 1725 CKCW 2 NB 1160 1730 CBHT 3 NS 1200 July 1984 3 Es 1030 WWAY 3 NC 790 26 Es 1830 KOA 4 CO 880 KTVS 3 CO 780 1840 KREX 5 CO 1080 1900 KWGN 2 CO 880 1905 KUTV 2 UT 1220 30 tr 0630 W46AD 46 MI 190 (Traverse Cty WCMU-74) (New Logging 531)

William Eckberg, RR#4, Dixon, IL 61201 CDT

Equipment: Zenith b&w tube receiver, CM 1110 VHF antenna, CN 7' UHF parabolic with Winegard PA4975 preamplifier on a 30' tower.

July 1984 7 Es 0925 WESH 2 FL 983 10 Es 1130 CFAC 2 AT 1293 26 tr 0130 WCEE 13 IL 235 1000 WSB 2 GA 610 13 tr 2230 WESH 2 NY 792 Es 1115 WCBS 2 NY 792 1233 KSAF 2 NM 972 14 tr 0015 KSHB 41 MO 323 WFSB 3 CT 842 1250 XEPM 2 CH 1162 0240 WJAX 32 WI 181 1125 WMAR 2 MD 677 1422 KPRC 2 TX 890 0615 WJAX 41 MN 348 1200 WUND 2 NC 797 2 Es 1930 XEFB 2 NL 1282 0645 KTCI 17 MN 287 1300 WWAY 3 NC 800 5 Es 1615 WPMY 2 NC 641 16 tr 0600 KTCI 2 MN 287 1400 WPBT 2 FL 1229 WESH 2 FL 983 1653 WCBV 2 SC 797 19 tr 0510 KCBR 17 IA 213 1815 KWGN 2 CO 811 1705 WBTW 3 NC 638 0800 K40AI 40 MO 188 1835 KYCU 5 WY 785 1720 WSAV 3 GA 803 (Kirksville LPTV) 1900 KUTV 2 UT 1139 6 Es 1238 XEFB 2 NL 1282 22 tr 0615 KSNF 16 MO 413 2000 WEDU 3 FL 1031 1835 WDIQ 2 AL 727 2355 K54AF 54 IA 145 29 Es 1115 WESH 2 FL 983 7 Es 1230 KMID 2 TX 967 (Keosauqua KIIN-12) 1130 WSAV 3 GA 803 1235 KSAF 2 NM 972 25 tr 0525 WPBN 7 MI 281 WEDU 3 FL 1031 2000 KUTV 2 UT 1139 0615 WOSU 34 OH 350 1145 WTVJ 4 FL 1229 2100 KID 3 ID 1123 2255 WWIN 9 IN 270 (Total now 368)

Randy Miltier (N6HMO), 1239 Harrison St., Santa Clara, CA 95050 PDT

It's been awhile since I've been in thses pages. I'm just recovering from my divorce, so I hope to be more active in TV DX'ing in the future. I'm currently renting a house and use a Radio Shack V/U antenna on a rotor and a 19" TV. Not the best equipment, but it does do the job.

July 1984 6 Es 1306 unid channel 6 16 Es 1536 KNDX 2 ND 6 Es 1645 unid ch 3 FF? 1541 KYCU 5 WY 1710 unid channel 4 1315 XEW 2 DF 1850 1615 KIVV 5 SD 9 Es 1640 unid chs 2 & 3

(Good to hear from you again. Keep reporting. fm)

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

Equipment: RCA 1982 XL-100 color, J.C. Penney 5" b&w portable, Winegard CH-7084 with Winegard AC-4990 pre-amplifier at 28' above ground level.

May 1984 5 tr 0638 K41AD 41 IA 85 20 tr 0712 WEEK 25 IL 278 23 tr 1920 WCGV 24 WI 237 (Lansing KYIN-24) 0714 WICS 20 IL 330 (Dropped STV!) 22 tr 2126 KCBR 17 IA 178 1921 WVCY 30 WI 237 0640 KCBR 17 IA 178 1927 WWTW 18 WI 237 14 Es 2120 WBRZ 2 LA 938 2135 KMEG 14 IA 222 1938 WXMI 17 MI 336 19 tr 0730 WLRE 26 WI 222 2137 WLEF 36 WI 170 1942 WFSL 47 MI 412 0735 WEYI 25 MI 430 1945 W55AS 55 WI 237 0737 WPNF 38 WI 222 July 1984 7 Es 1959 KSAF 2 NM 920 (Milwaukee WCUI-26) 0742 WGVG 35 MI 336 2043 WBRZ 2 LA 938 1948 WMTV 36 WI 237 0950 WKOW 27 WI 168 14 tr 0819 WSCO 14 WI 219 (Snow free!) 21 tr 0659 WSNs 44 IL 288 0822 WVCY 30 WI 237 1950 WGVG 35 MI 336 0702 WWTW 18 WI 237 0825 WLRE 26 WI 222 1954 WUHQ 41 MI 390 0835 WCGV 24 WI 237 1956 WITI 6 WI 237 23 tr 1638 WSCO 14 WI 219 1958 WTMJ 4 WI 237 1642 WXGZ 32 WI 219 26 Es 2100 KPRC 2 TX 1005

June 1984 6 Es 2128 KUTV 2 UT 1047 23 tr 1638 WSCO 14 WI 219 1642 WXGZ 32 WI 219 26 Es 2100 KPRC 2 TX 1005

It looks like May and June did not produce much DX, but DX conditions have improved in July. I managed to log five new stations this time around. I finally bagged KSAF-2 in Santa Fe, New Mexico on the 7th of this month carrying the "Kojak" TV show.

On the 23rd of July, a tropo break from Wisconsin and Michigan showed that WCGV-24 in Milwaukee has dropped STV. They are now carrying movies and syndicated shows at night. I am now forseeing the fate of SPECTRUM (KIMA-23) in Minneapolis with the dropping of STV; perhaps by 1987.

In other TV news; it looks like KXLT-47 in Rochester will be going on the air sometime this fall, and it looks like KXLT may originate some local programming. More on this later.

Well that'll wrap up another report. Hope we have good DX during the autumn months. See you in 30. 73's, Ronald

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

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with EU-4S preamp, .500 cable at 55'

July 1984 6 Es 1830 XHBO(Q?) 3 ?? 9 tr 0458 KWTW 9 OK 510 (Similar ID to 0515 KWCH 12 KS 400 XEPM-2. Had 3 0600 OKC, Tulsa 23,47 in ID, so not a relay.) Es 1900 WCBV 2 SC 400 1 Es 1730 KMID 2 TX 2000 WUND 2 NC 840 1857 KUTV 2 UT 2018 KIII 3 TX 10 tr 0513 WKZO 3 MI 280 1900 XEFB 2 NL 2030 XEPM 2 CH 7 tr 0110 KGIN 11 NE 405 0530 WENS 10 OH 400 2030 KDBC 4 TX Es 1249 XEWO 2 12 tr 0545 WCMU 14 MI 360 2100 unid ch 5 Mexico (Gave ch 2 ID) Es 1924 KUTV 2 UT 0800 WGPR 62 MI 400 3 tr 0005 WKBT 8 WI 1937 KTVXt 4 UT Also MI's 23,28, 2029 KOMY 5 WY 940 29,35,41,50,56. (Channel 14 ID) 13 tr 2100 KHNE 29 NE 410 Also NE's 12,19, and 26. 0530 WFTZ 39 TN 365 8 tr 0328 WTBS 17 GA 575 14 tr 0003 K33AB 33 IA 335 (Snowfree) (State # 36) (Sibley KSIN-27) Es 1650 WLBZ 2 ME 0500 WCPO 9 OH 330 1700 KMID 2 TX 0517 WDEF 12 TN 475 (K33AA off air 3 mins earlier) 1725 WEAR 3 FL 725 0518 WBIR 10 TN 485 0105 K32AF 32 MN 315 1730 XEWO 2 0620 WGNXt 46 GA rel. (St. James KSTP- 5) 1906 KDBC 4 TX 2130 KGMC 34 OK 510 0141 KSEFY 13 SD 375 1950 XEPM 2 CH KAUT 43 OK 0158 K28F# 28 ?? SPN 1950 XEPM 2 CH KTBO 14 OK 0310 WSAW 7 WI 310 1s 2235 KGCT 41 OK 410 KOKH 25 OK 0345 K54AF 54 IA 5000 WPMY 2 NC 660 (Keosauqua w/WISN-12) 5 Es 1635 WWAY 3 NC 790 2356 KTWU 11 KS 285 K44AB 44 IA 1710 unids on chs 4,5 9 tr 0100 KGIN 11 NE 405 ("Ten-Eleven") (Keokuk w/WISN-12) 6 tr 0130 unid ch 12 0325 K20AD 20 MN 335 0555 WCCO 4 MN 335 (CBTP w/ID. sw) (Worthington KSTP- 5) Es 1830 KPRC 2 TX 775

Jeff Kadet (continued)

22 tr 0037	K33AA 33 IA	26 Es 2100	C---	3 SA
	(Ottumwa w/WAEO-12)			(Ads for Oxbow & Arcola area)
14 tr 0630	K33AA 33 IA			
	(Ottumwa w/WISN-12)			
	K38AB 38 IA			
	(Ft Madison w/WISN-12)			
	Also MN's 17,23, 29, and 41. MI's 29, 35, and 41.			
15 tr 0920	WQOW 18 WI RARE	23 tr 0145	K32AF 32 MN 315	Es 1200
	WHRMt 20 WI		K20AD 20 MN 335	1230
	1000 KHGI 13 NE 440		K28## 28 ?? SPN	
	1005 KPNET 9 NE		0410 @WILX 10 MI 350	
	1052 K33## 33 ?? KUON		0422 WOTV 8 MI 300	31 Es 1125
	2230 WHAS 11 KY 300		(Calls u/WQAD!)	1127
16 tr 0100	W32AC 32 IN 270		MI's 13, 25, 35, 41 and 47.	1130
	(Muncie PTL)			1159
ms 0355	@WCYB 5 VA 525	24 tr 0528	@WPTO 14 OH 320	
tr 0445	+WAVE 3 KY 300		(Parallel- WPTD)	
0448	@WKYT 27 KY 370		Plus most other west OH UHF's.	1202
	Also channel 18.			1221
	0458 W57AO 57 IL 192	25 tr 0438	WILX 10 MI	1229
	(Robinson PTL)		WDHO 24 OH	1250
21 tr 0100	MN's 23, 29, 41.		WIHT 31 MI	
	0550 K44AB 44 IA		WGTU 29 MI	
	(Keokuk w/KNMT-12)		WZZM 13 MI	
	KNMT 12 MN 495			
22 tr 0010	=K41AD 41 IA 205	26 Es 1800	KTWO 2 WY	1 AE 0030
	(Lansing KYIN-24)		1827 KOWY 5 WY	CKND2 2 MB 820
	0037 WAEO 12 WI 360		1830 KCWC 4 WY	(Province # 7)
	K44AB 44 IA		1840 KID 3 ID	0100-0230 Strg auroral
	(Keokuk w/WAEO-12)		1950 KTVX 4 UT 1110	hash. First au
			1952 KSL 5 UT 1110	ever noted here.

I was glad to get WTBS on the 8th. I thought it was WZTV at first. WZTV must be off the air Sunday AM.

That opening on the 15th was weird. At 0500, conditions were just average. But at 0915, when I checked again, the most intense western tropo opening ever noted here was in progress.

Es has been pretty dismal. Aside from the May 20th opening, there have been no memorable openings all season. I have a lot of sympathy for FM only DX'ers. Just to give you an idea of how bad it's been MUF'wise, my channel 5 is clearer than channel 2, yet I've only ID'd six Es stations on channel 5 versus 25 on channel 2 this season; and channel 5 always gets priority.

Have been trying to find a trap to knock 7 kW WIUM-91.3, two miles south of here, off channel 6, but it hasn't been easy. WIUS-88.3 at only 120 W is one mile north of here, and their audio comes through on channel 6, but it doesn't distort the video like WIUM does. The problem with WIUM is only noticeable with the antenna anywhere from southeast to southwest. Hopefully, this isn't an omen of problems with WIUM-22, 24 kW, which will be on WIUM's tower. Winegard has an FM trap, Model TP-0061, which they will factory tune to 91.3, so hopefully that'll do the trick.

W57AO briefly puts on a local slide on the hour and half hour for a few seconds. Usually, it's an announcement of a local religious meeting, but occasionally they include their calls. No matter what they display, it's always in extremely small type and usually not in focus.

The KNMT logging on the 21st was courtesy of Iowa Public Broadcasting. I saw them sign/on on K44AB and immediately switched to channel 12. Iowa translators 33, 38, 44, and 54 are almost always translating something from channel 12 when tropo is up, usually WISN. Besides WISN and KNMT I've also seen KEYC and WAEO on some or all of them (they usually broadcast KIIN-12). Also, all four of them; most notably K54AF, broadcast WHO-13's all night bulletin board one channel up on channels 34, 39, 45, and 55. It was real confusing until I figured out what was going on. Hi! Total now at 357. 73.

(Jeff, I appreciate your relating your experiences with the various "mis-translations" of the Iowa Public Broadcasting translators. These problems have been discussed in the VUD in the past, but it is always good to remind ourselves that things are not always what they seem to be when it comes to translators. I think most of us are aware that during good tropo conditions translators will often be found carrying improper input stations, but the problem with adjacent channel signals being broadcast is probably less well understood. If we are not careful, it can lead us to believe we have found a translator which is not on the list. I know, it has happened to me! fm)

Jeff Kadet (continued) (Also, I believe your unidentified channel 28 logging is K28AE at Fairmont, Minnesota, and your unidentified channel 33 is K33AC from Pawnee City, Nebraska. The programs which you described as seen on channel 28 were from the Satellite Program Network, and K28AE is an SPN affiliate. The channel 3 which you saw from Saskatchewan is very likely CFSS at Warmley. The towns you saw ads for are definitely in their viewing area. CFSS is a satellite of CKOS-5, Yorkton, but they do have their own ID and, I assume, local ads. Their ID slide says Estevan-Weyburn-Regina. fm)

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103 CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CH-7078; UHF: Magnavox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

July 1984								
7 Es 0946	WPMY 2 NC 1150	23 tr 1224	WKBT 8 WI 325	27 Es 1128	WMAB 2 MS 1015			
	1232 unid channel 2		1508 WLRE 26 WI 460	29 Es 1127	KNAZ 2 AZ 1120			
	1825 WCBD 2 SC 1310		1512 WXGZ 32 WI 460		1133 unid channel 3			
	1836 unid channel 3		1519 WPNET 38 WI					
	1926 KFDX 3 TX 900		1726 WKOW 27 WI 445	August 1984				
	1928 WMAB 2 MS 1195		1859 WVTU 18 WI 505	6 Es 2130	unid ch 2 NBC			
	2029 WDIQ 2 AL		1901 WGVCT 35 MI		2200 unid chs 2,3 ABC			
	(MUF 92.9 @ 2040- AL)		2100 WCGV 24 WI 505	tr 2257	WLRE 26 WI 460			
	2042 unid ch 5 CBS		2103 WQRFT 39 IL		2351 WXGZ 32 WI 460			
	(MUF 102.7 @ 2045- FL)		2105 CCI to KTMA-23		2323 WPNE 38 WI 455			
12 Es 1927	unid ch 2 NBC	26 Es 2110	unid ch 3 ABC		2325 WHRMT 20 WI			
			(MUF 94.1 @ 2214 -FL)	10 Es 1535	WPMY 2 NC 1150			

Worldwide TV-FM DX Association

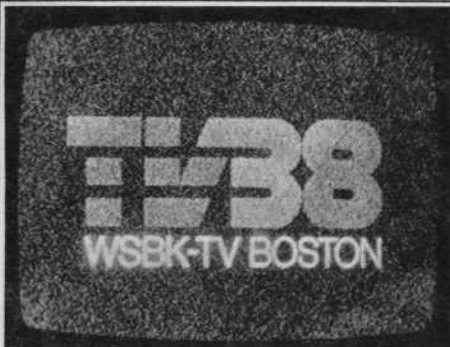
--continued from page 31 -

Eastern TV DX Merrill; continued--- September 1984
 been in Toledo for that same extended period of time, now 45 days. I haven't seen much long haul Tr this year (and some people may not consider WHNS-21 long haul, either) and certainly not much of a hint of Tr into unusual directions. 8/19/83 was the Eastern Tr that I've been awaiting for many years. Usually that opening has a way of showing up in September, a month that usually sees me out of town. Still no sign of my most wanted Tr place, NY City, but I had a limited degree of that from MI in the 60's when east was the most common Tr direction! Because all of my DX locations have been within a 40 mi diameter circle, I have had thoughts of pooling all my totals into one. What has prevented that, is the sheer hugeness of the project, because by the time I made the decision my TV totals were in the 200's, and my FM near 500, coupled with old MI totals of around 300 and 650 respectively. One other note, locally, is that WDIV-4 seems to be following in WMAR's footsteps by breaking away from NBC often. They regularly show non-NBC from 1230-1300 and 1500-1600 weekdays, and Late Night Letterman (which is picked up by WKBD-50) and Friday Night Videos are also pre-empted. They also have regular local programming in the Sunday 1900-2000 slot, and during the "typical" week of 7/21-7/27 they broke away from NBC Baseball from 1600-1800+ Saturday, as well as scheduling 3 prime time Detroit Tigers games. Total breakaway during this "typical" week was scheduled for 26 hours! It turned into less, however, with a Tigers game postponed by rain. I'll get out of here for now, and hope others have had better Es luck this summer. Andy Bolin (former FM WTFDA DXer) has said in the past that a skippy May usually leads to a poor June and July, and that pattern seemed to hold this year.

PHOTO-NEWS

David J. Nieman
12284 Nice Road
Akron, NY 14001
USA

September 1984



WSBK-38 Boston, MA 610 mile tropo from Sept. 9, 1982 (CP)



CBHT-3 Halifax, NS 970 mile E-skip from 1982 (CP)



A reminder to members old and new; Photo-News can only use black & white gloss prints. The screening process will not handle color prints. Also, the prints you send with a TV screen area of no larger than 3 1/2" wide X 3" high fit on a page better.

Thanks to George Rogers of Chickamauga, GA for the photos of his DX, too bad they are in color, we can't use them. But this is what they were of: KGAN-2 Cedar Rapids IA by ES, KUSD-2 Vermillion SD by ES, KGFE-2 Grand Forks ND by ES, KSNB-4 Superior NE by ES, KATV-7 Little Rock AR by tropo.



CITL-4 Loydminster, AB 1170 mi E-skip from Dec. 11, 1983 (NE)

← WCIV-4 Charleston, SC 685 mile MS from Oct. 11, 1979 (CP)

PHOTO-NEWS continued



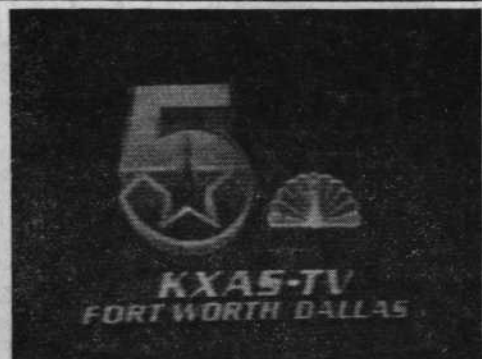
KOBI-5 Medford, OR 1224 mi E-skip from 10/14/83 (JP)



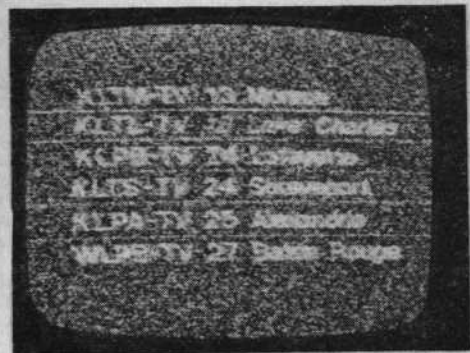
KAID-4 Boise, ID 990 mile E-skip from 10/14/83 (JP)



WKAR-23 E. Lansing, MI 305 mile tropo from Mar. 17, 1984 (DN)



KXAS-5 Ft. Worth, TX 973 mile E-skip from 4/7/84 at 1830 EST (JC)



KLTL-18 Lake Charles, LA 716 mile tropo from 4/20/84 at 0800 EST (JC)

Thanks to the following people for sharing their great DX:

- Paul Gaines (CP) - Detroit MI
- Nate Ely (NE) - Madison WI
- John Combs (JC) - Orlando FL
- Jim Pizzi (JP) - Lovington NM
- Dave Nieman (DN) - Akron NY

Dave



ANARC UPDATE

STEVEN P. SPRACHMAN
39-16 48 Street
Sunnyside, N.Y. 11104
718-937-8721

PART II- THE CONVENTION - FRIDAY.

After a 55 minute flight to Buffalo and a two hour drive at 100 kph, we arrived at the convention. The convention was held at the beautiful Ramada Renaissance Hotel. The hotel had 5 restaurants, an indoor pool, a sauna, racquet ball courts, indoor gardens, many confrence rooms and a nice view of the 401!

The convention got under way at 1pm. Unfortunately, Joyce and I arrived late. There first thing I did was to turn on the television set. Then I realized that there was no Channel knob. To my disappointment, there was a cable box sitting on the desk next to the set. We hurried down to a confrence room to set up the WTFDA display table. Waiting for me was Mike Reid. I'd like to thank him for helping me set up the table and for staying at the table while I attended to other convention business. We set out copies of the VUD, information sheets on the club, and a stack of TV Pennysavers from New York. Being that this was the first year that WTFDA had a display at the convention, there was much interest in the club. There are many closet TV and FM DX'ers out there.

The first order of business at the convention was the General Business Meeting. The passage of three resolutions was first on the agenda. The resolutions dealt with the 25th anniversary of the American Shortwave Listeners club, Clayton Howard of radio station HCJB for his years of service to the DX-community as host of the DX Party Line, and to the Ontario DX Assoc. for a job well done as host of the convention. The 1986 convention site was announced to be Montreal, P.Q. Canada. (The site of 1985 convention is Milwaukee Wisc.) The next order of business was the passage of three simple ammendments to the constitution- 1) All new clubs must have a form of government mad up of several people. 2)Provisions were set up for the recall of the Executive Director and the Executive Board members. And to allow for the replacement of a Board Member in a vacant spot. 3) To charge clubs with probationary membership, the full dues rate. A constitutional ammendment introduced by the Assoc. of Clandestine Enthusiasts (ACE) calling for a policy whereby ANARC can not interfere with the internal affairs of a club was voted down as being to restrictive.

Two proposals were put foward by Terry Colgan (Executive Director of ANARC) for the inclusion of formal Admission requirements for new clubs and for guidelines for hosting future conventions. There was much discussion on two of the requirements for new clubs. They must mention ANARC news in each edition of their bulletin and they must not publish anything that they know is illegal. These guidelines were agreed to with reservations. With that the meeting ended at 5pm.

After a dinner break, which gave us a chance to sleep, the activities of the cnvention resumed with a cocktail party. Many people I met in Washington D.C. last year, were in attendance this year. The cocktail party was followed by a presentation on a DX'pedition. I happen to think these people are crazy. They go out to a spot on a farm north of Toronto in all kinds of weather. They spend a day putting up their antennas for their shortwave radios. And then, on a bitter cold and windy winter night, they listen all night long while fighting off the natural urge to sleep. All this, just to get clear reception from the Falkland Islands. It sounds like fun!

Next time, part III- Saturday.

73's, and 88's to my wife,
Steven P Sprachman

(continued)

NEXT MONTH IN THE
V. U. D.

WTFDA CLUB SUPPLIES



PLACE YOUR ORDER NOW!! PLACE YOUR ORDER NOW!! PLACE YOUR ORDER NOW!!

VHF-UHF DIGEST BACK ISSUES -- AVAILABLE JANUARY 1983 TO THE PRESENT \$1.25
A FEW AVAILABLE BEFORE JANUARY, AT \$1.00

ALL NEW

9TH EDITION

FM ATLAS

ADOLPH, MN 55701 U.S.A.

THE ALL NEW 9TH EDITION FM ATLAS AND STATION DIRECTORY IS NOW ON SALE. THIS IS THE ONE YOU'VE BEEN WAITING FOR THE ONE EVERYONE HAS TO HAVE FOR SUCCESSFUL FM DXING. THE SINGLE MOST COMPLETE SOURCE OF INFORMATION ON THE FM BROADCAST BAND. WITH IT'S MAPS SHOWING STATION LOCATIONS, A STATE BY STATE LISTING WITH FORMATS, STEREO, COVERAGE AREA, NETWORK AND SCA INFORMATION, A LIST BY FREQUENCY WITH ANTENNA HEIGHTS ABOVE AVERAGE TERRAIN, STATION ERP AND SIGNAL POLARIZATION MAKES THE FM ATLAS THE VERY BEST THERE IS.

\$ 7.50 PLUS POSTAGE

ALL NEW REVISED QSL REPORT FORMS

FOR REQUESTING QSLs (VERIFICATIONS) FROM FM or TV STATIONS, BLK on YEL

50 for \$2.00

VHF-UHF DIGEST BOXERS

ATTRACTIVE CASES DESIGNED TO KEEP YOUR COPIES OF THE VUD ORGANIZED.

\$2.00 3-\$5.00

WTFDA CLUB T-SHIRT

AVAILABLE IN SIZES SMALL--X-LARGE ORDER FROM DAVE NIEMAN-12284 NICE RD.-AKRON, NY 14001.

\$7.00

ORDER YOUR SUPPLIES FROM - WTFDA-P.O. BOX 514-BUFFALO, NY 14205 U.S.A.

