W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 1420

IT'S COMING NEXT YEAR...Have you been thinking about volunteering to be the host of WTFDA Convention 1986? You have until November 1st to make your bid. If you are interested, you MUST have a copy of the club's bid form, to be filled out and returned as soon as possible. We will not accept bids made by phone, and you must be a current member of WTFDA in order to host the convention. If more than one bid is received by November 1, the WTFDA membership will vote to decide the site of the 1986 convention. Hosting the WTFDA club convention requires a fair amount of planning, so if you're serious about this job, let us know now! Ideally, this task is best handled by more than one member, but in the recent past, has been run by some very capable individuals.

CONVENTION '85...Speaking of the convention, a report on this year's New Orleans gathering is being prepared by QSL editor Tom Yingling, and should appear in an upcoming YUD. If you missed New Orleans, you missed a great time. Let's see you next summer at WTFDA Convention '86 -- and you can help decide where it will take place.

ELENA SHOWS HER STUFF... The best place to be while Hurricane Elena crossed the Gulf Coast was about 1000 miles away, especially if you were interested in super tropo conditions. Counter-clockwise winds circulating around a storm system crossing the northern U.S. shoved Elena towards the east on August 30th and 31st, stalling movement of the superstorm in the Gulf. This helped a high pressure system bufld over the Northeastern U.S. and northern Midwest, and the resulting ducting was classic Hurricane-related tropo. Some of the duct activity was very bizarre; western New York DXers caught strong UHF signals from areas out to the 900-to-1000 mile range from Missouri and Kansas, while Indiana and Illinois observers were seeing little or nothing at the same time. Labor Day weekend found some very unusual tropo paths open on FM and TV throughout the Northeastern U.S.

OF INTEREST TO FM DXERS...Robert F. Scott, semiconductor editor for RADIO-ELECTRONICS has done an informative article on multipath distortion in the October issue. He explains how to reduce multipath by stagger and horizontal stacking antennas. "FM distortion is annoying," he says, "but there's no need to put up with one of the most common types..." Multipath, he claims, is "surprisingly easy to

REMINDERS...We are still seeking a member to replace Dave Nieman sometime early in '86 as VHF-UHF DIGEST chief editor; if you feel you qualify, let us know. In addition to good layout skills, we'd like to have a person with a well-rounded DXing career (shortwave, BCB, amateur, etc.) as Editor-in-Chief...Those of you who write to H.Q. with a question to be answered: including a self-addressed stamped envelope (SASE) will get you a quicker reply.

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ANARG

STEVEN P. SPRACHMAN 15 Berry Lane Hicksville, N.Y. 11801

THE 1985 ANARC CONVENTION - A REVIEW AND AN EDITORIAL

The 1985 ANARC Convention was a success. The convention, held in Milwaukee Wisc. attracted over 250 DX'ers of all interests. Many fine programs were presented. There was a dicussion of the role of local clubs. Sessions were held on Medium Wave DX'ing, Computers and DX'ing, and Shortwave, Questions and Answers. Robert Kramer hosted a session on TV DX and Trop and E-skip propagation. I'm sure he plugged WTFDA as often as possible. There were also the standard programs on the agenda. The International Broadcasters Forum had representatives from 7 international radio stations. Those attending the saturday night banquet heard Clayten Howard, the former host of HCJB's DX Party Line. He spoke of the past conventions he has att-ended. The evening was topped off by the presentation of the ANARC awards. This years winners were:

North American DX'er- Larry Lundberg of Minnesota
North American DX'er- Larry Lundberg of Minnesota
North American Specialty DX'er- Nick Patch of Victoria B.C.,
International DX'er- Ralph Perry of Malaysia
Inbernational Broadcaster- Willis Conover of the VOA (He is supposed to be the most listened to person in the world. If any FM DJ's claim this,

don't believe them.) I am sorry that I could not attend this years event. I missed seeing all the people I met at past conventions and the WTFDA members who told me that they would be there. I greatly enjoy getting a chance to talk DX for three days straight. And this years convention probally had the most div-

erse program of any convention of the past few years.

ANARC Conventions must continue this diversity. A debate came out of this years convention on how future conventions should be held and who they should be for. One commentator, on a popular DX program on Radio Netherlands called the convention predictable and not for shortwave listeners. He made it sound as though the convention should only be for those interested in Shortwave. The convention should be a travelling showcase of all aspects of the hobby. No one band or interest should dominate. The convention needs geographic diversity so that different people can attend this showcase each year. ANARC must insure the conventions continue to grow. It must take a more active role in directing these conventions. ANARC may have to directly sponser the convention. Or there may have to be rotating sponsorship amoung member clubs. That clubsspecialty can be highlighted while keeping the standard programs. Or sponsorship may have to be opened up to Manufacturers, Radio Stations or others who are interested in the hobby, but not connected to ANARC. Something must be done so that the same people aren't the only ones to show up each year. The convention need not become "predictable".

One final thought about conventions. Small specialty clubs like ours are able to hold a yearly convention while the large Shortwave clubs, with large memberships that would make a yearly convention a well attended event, do not. If they did, this would take some of the pressure off of the ANARC convention as being a gathering of Shortwave DX'ers and listeners.

A new group is forming in Colorado called the Rocky Mountain Radio List-

eners. According to a letter from the groups spokesmen, Wayne Heinen, RMRL is a NON club-no dues, no rules, just friendly informal get-togethers. They plan to send a newsletter to keep members informed of all get-togethers. The club is aimed primarily at shortwave listeners and DX ers, it would be adventagous for all DX'ers within driving distance of metro Denver to contact this group and find out what they are all about. For more information, send a SASE to either Wayne Heinen, 4431 S. Andes Way, Aurora CO 80013, or Rodney J. Johnson Jr., 1265 Downing St. Apt 408, Denver CO 80218, USA. Tell them you heard about them from WTFDA.

That's it for now. Best of DX during Indian Summer,

73'S Suas P Sprachmon

Worldwide TV-FM DX Association

Bruce F. Elving Ph.D., Editor Adolph MN 55701-0024, U.S. A.

New Stations, Translators Granted AL Huntsville *W292CD 106.3 (WBQM 91.7 Deceme translator) AK Skegway K220BK *91.9 (KHNS 102.3 / AZ Punkin Center (33-54-12; 111-25-39) K240-8D 95.9 (KSMK 95.9 Cottonwood AZ) AR Arkadelµhia K228BT 93,5 (KEZQ 10Q3 Jacksonville AR translatur) [107,1 Dumini AR Pine Bluff K265CD 100.9 (KDDA-FM / CA Blythe K207AN *89.3 (KNLB Lake Havasu

Redding City AZ) CA Burney K276CR 103.1 (KVIP-FM 9R 1 / CA Camarillo K206AK *89.1 (KCRW 89.9 Santa Monica) [101.5 Eureka CA) CA Crescent City K265CG 100.9 (KEKA-FM / CA Davis K257CU *99.3 (KXPR 90.9 Sacra.) CA Gonzales K292DI 106.3 (KAMB 101.5

[101.7 KVIP-FM] CA Lakehead (40-54-29; 122-26-38) K269DD / CA Stockton K221CH (KYBB 100.9 Tracy) CD Aspen K211AZ *90.1 (KUNC 91.5 Greeley) CO Eagle K210AH *89.9 (primary unknwn) K244CI 96.7 (KFMU 103.9 Oak Creek) K252CB 98.3 (KZYR 103.1 Avon; or is it

KGMJ-FM Eagle? Sources disagree) [ridge) CO Friece 92.1 3000 h.v; -865' (near Brecken-/ CO Steamboat Springs K207AO *89.3 (KWB) 91.1 Morrison CO)

K292DH 106.3 (KKMX 95.9 Hayden CO) CO Vail K2408M 95.9 (KSPN 97.7 Aspen) CO Woody Creek K215AW *90.9 (KUWR 91.9 Laramie WY) (WFAE 383.3 Dealers CT)
CT Hangeton & West House W218AC 383.3

HI Honolulu 100.3 100000 h,v; 46' ID Post Falls K221Cl 92,1 (KCDA 103.1 Coeur [98.5 Tulsa OK) KS Arkansas City K272BZ 102.3 (KCFO-FM/ KS Sharon Springs K214AU *90.7 (KANZ91.1

Garden City) KS Topeka K269DC *101.7 (KLJC 88.5 / KS Wamago 95.3 3000 h,v; 330' KS Phillipsburg K244BU 96.7 (KEZH 101.5 [103,1 Dover ME) Hastings NE)

ME Greenville W261AQ 100.1 (WDME-FM / MI Lansing W276AP 103.1 (WGPR 107.5 Det) MN Marshall K280CN 103.9 (KCGN 101.5 Ortowille)

MT Great Falls K296DH 107.1 (KXEI 95.1 / NE Beatrice K2218D 92.1 (KEZH 101.5 Hast.) NE Central City K221BD 92.1 (KEZH) NE Columbus K249BU 97.7 (KEZH)

NE Holdrege K276CC 103.1 (KEZH) NE Lexinaton K221BP 92.1 (KEZH) NE Laup City K221BN 92.1 (KEZH) NE North Platte K269CN 101.7 (KEZH)

NV Eureka K285CT *104.9 (KILA "Las Veges) NV Las Vegas K249CH*97.7 (KNLB91.1 Lake

Havasu City NV) NV Wells K257CT 99.3 (KRJC 95.3 Elko) NM Albuquerque K240BL 95.9 (KISZ 97.9 (Newark NJ) NY Hyde Park W204AE *88.7 (WFME 94.7 /

NY Ithaca W276AO 103.1 (WONY 103.7) thaca) IL Rochelle WRHL-FM 102.3 Minet, still mono NY Potsdam W280AK 103.9 (WMHR 102.9 Syr.) IL Rockford W20K 97.5 r, hot hits OH North Canton W220AD *91.9 (WFRJ 88.9 IL Rockton WRWC 103.1 mr (mid/road & rock) Johnstown PA)

OH Warren W219Al *91.7 (WFRJ) OR Black Butte Ranch-Sisters K204AW *88.7

(KWAX 91.1 Eugene) [Redding CA) OR Bonanza K244CH 96.7 (KVIP-FM 98.1 / OR Newport K205BF *88.9 (KLCC89.7 Eugen) OR Pendleton K232CB94.3 (KIOK 94.9 Rich-[*91.1 Eugene OR) and WA) OR Redmond, Bend K219AS *91.7 (KWAX /

PA BedfordW214AB *90.7 (WFRJ88.9 Johnst.)

PA Latrobe-Jeanetts W219AH *91.7 (WFRJ) PA Rubble Mill-Uniontown W292CC *106.3* PA West Middletown-Washington W285AL *104 9 (WERI)

PA West View-Pittsburgh W280AJ *103.9 (WFRJ) SC Newberry 106.3 3000 h.v; 295' [Rapid City] SD Belle Fourche K201AP *88.1 (KBHE-FM89,3) SD Hot Springs K201AQ *88.1 (KBHE-FM) SD Rapid City K276CQ 103.1 (KEZV 101.1 Snearfish)

(92.1 Seabrook TX) TX Katy, Spring Branch K285CU 104.9 (KYND/: TX North Houston, Spring K285CS 104.9 " UT Cedar City K269DG 101.7 (KZEZ 93.5 St. George UT) I ake City

George UT) [Lake City]
UT Park City K237AL 95.3 (KCPX 98.7 Sat /
UT Parowan-Cedar City K249BW 97.7 (KILA
VT Heat Bruttabage Market 1995)
197.1 Bellose Palls VIII

VT Williston *90.9 1506 h,v; 49' [Crozet) VA Charlottesville W269AR 101.7 (WJLT 102.3/ WA Curlam K237CC 95.3 (KCRK 92.1 Cobrilla) VA Westman Hills (5.5 mi MNW Danvilla) W224. AL 92 7 (WHPE 95 5 High Point NC: annarently a distinct translator from W224AF 92.7

Danvilla VA) [102 5 Seattle) WA Snoqualmie Pass K285CA 104.9 (KZOK / WA Summer K207AP *89.3 (KGRG 89.9 Auburn) WY Buffalo K296DE 107.1 (KOLL 96.9 Gillette or is it KTRS 95.5 Casper; sources differ?) WV Lander K269DF 101 7 (KTRS 95 5 Carner) PR Ponce W292CE 106.3 (WKJB-FM 99.1 Maya)

NV Ely K2498H 97.7 (replaced by K276CG / CA Santa Barbara K208AX *89.5 (assumed to be deleted, because of K210AD *89.9 being authorized, and because of co-programmed KSCA *88.7 San ta Barbara being on the air: KSCA assumed to be \$tereo) [Kansas City MO) MI Houghton W269AE *101.7 ("may reapply,

but for a different frequency") NY Oneonta W216AJ *91.1 (replaced by W219-AG *917)

OR Myrtle Creek K207AA *89.3 Off The Air

IA Binomfield KXOF 106.3 ("Went bankrupt: sold at auction")

IA Chariton KYRS 105.5, was "shut down, but may be back on." Poor farm economy blamed in above two failures.

Formats/Networks

AK Anchorage KKGR 100.5 (easy) r, 24 hours CA Los Angeles KUSC *91.5 no P network, dropping it this fall CA Madera KXMK 92.1 rp, no Spanish, "Cos-/

NV Austin K249BT *97.7 (KILA 90.5 Las Veg) CA Thousand Oaks KCPB *91.1 no P, c[lassical] music, no SCA GA Atlanta WRMM 99.7 r, still "Warm 99"

IL Belvidere WYBR 104.9 r, "hot hits"
IL East St. Louis WMRY 101.1 jezz and rock IL Loves Park WLUV-FM 96.7 ks (see Joel Hermann's comments below)

IL Quincy wQCY 99.5 rock IA Ames-Des Moines KEZT 104.1 mr IA Chemice KCHE-FM 102.3 D network

IA Des Moines KMGK 93.3 F (was K net.), k music ("expect this to change as their ratings san k"}

IA Emmetsburg KEMB 98.3 D net (from U) IA Fort Dodge KKEZ 94.5 r[ock] IA lowe City KRNA 93.9 rp IA Hampton KWGG 104,9 m and k musics IA Mason City KLSS-FM 106.1 M net (was U) IA Sigux City KGLI 95,5 r, "hot hit formet" IA Spencer KICD-FM 107.7 km ("back to simulcasting AM at night-staff cutback")

IA Twin Lakes KTLB 105.5 no network IA Waterloo KFMW 107.9 T net (from N). "significantly reduced signal since 2000' TV tower went down. Rebuilt but former sister TV station won't let FM go on"; applies for

lower tower height. IA Waverly KWAY-FM 99.3 r and m musics KY Louisville WDJX 99.7 r(ock) KY Richmond WMCQ 101.7 r, "Q-102" LA Monroe KNAN 106.1 r (top 40) MD Hamerstown WQRX 106.9 r

MO St. Louis KM-IM 107.7 soul and rock NC Raleigh WYLT 96.1 milddle of the road) MC Robbinsville WCVP-FM 95.9 k mono

OH Being WMUS 107 1 kl ountry OR Bend KNLR 97.5 g[ospei] OR Prineville KIJK 95,1 m [plus translator] OR Redmond KLRR 107.5 r. "Clear FM"

OR Warm Springs KWS1 96.5 r, commercial TN Nashville WRVU *91.1 pr, still "91-Rock," with new 15000 watt signal

WLAC-FM 105.9 mr, "to be consistent with how other such stations are listed (there is a fair amount of r mixed in with the m). This station seems to be reported variously as m or r, depending on who the reporter is, BC Vancouver CKKS 96.9 r. "97-Kiss." verv strict, "Never did hear calls."

Slogans (non IDs): More Formats FL Gainesville WYGC 100.9 GC-101 FL High Springs WKAE 104.9 K-Country-105 GA Athens WUO G *90.5 90.5 FM (x FM-90.5) GA Toccoa WZLI 106.1 Z-106 (format the same)

ID Boise KLTB 104.3 Light MI Marquette WRUP 103.3 UP-103, not strict; almost always used with calls, but still heard once without calls, so qualifies; r; has R net. NY Buffalo WYRK 106.5 K-107 [Z-96) SC Greenwood WSCZ 96.7 k, no NON-id (was/

TN Tullahoma WKQD 93.3 K-93 VA Williamsburg WQSF-FM 96.5 Soft-96, rm, adds Richmond to dual city ID Below are format changes:

WV Beckley WCIR 103.7 r[ock] WV Bethiehem WHLX 105.5 mr WV Fairmont WFGM 97.9 r (top 40) WV Moreantown WCLG-FM 100.1 r (top 40) WV Oak Hill WDAY-FM 94.1 (top 40) r WV Ripley WCEP 98.3 Y net (not U) WV St. Marys WRRR 101.7 r (ton 40) WV Wheeling WOVK 98.7 now klountry! Call Letters Assigned or Changed

AL Chatom 103.1 WCCJ (WBAL) AL Union Springs 100,9 WSFU-FM (WSCA) AK Fairbanks 95.9 KRKO-FM (KRKR) CA Modesto 102.3 KFIV-FM (KFIV); non-

tfl assumed dropped CO Brush 107.1 KKOD (KBUL) CO Snowmass Village 103.9 KSNO-FM (KTUS); AM is in Aspen

(contemp.) FL Clearwater 95.7 WNLT (WMGG); r (adult / FL Orlando 96.5 WHOO (WHOO-FM): nonID

assumed retained. FL Perry 105.5 WPCI GA Waycross *91.5 WXGA-FM (WPQQ)

GA Wrightsville 106.3 WIML IL Jerseyville 104.1 WKKX (WJBM-FM): now dual city ID with St. Louis MO: ki ountry IN Columbia City 106.3 WZRQ (WWWQ):

assumed to be back on the air. KS Lindsborg 95.9 KQNS"-FM" (KRUE) FCC-FM

KY Bewling Green *91.7 KY Louisville 99.7 WDJX (WKJJ"-FM"). r MN Alexandria 100.7 KIKV"-FM" (KCMT..-FM"). still k. NBC. "Kick-FM" (not strict); † music MT Great Falls 106.1 KOOZ"-FM" (KQDI-FM; of fects three translators)

NV Henderson 95.5 KYYX (KILA), k, \$, no net. NV Las Veges *90.5 KILA (KYYD), g, \$tereo, G network (not sure if KILA-95.5's former network of translators will convert to KYYX or stay with KILA and convert to pickup of 90.5 primary; I have written Tri-State Translators. Las Vegas, to try to find out the answer)

NY Batavia *90.7 WGCC"-FM" NY Saranac Lake 101.7 WDGE OH Canton 106.9 WROK (WOOS"-FM") OH Cincinnati 94,1 WWNK-FM (WKXF), rock

OK Broken Arrow 92.1 KQZZ (KELI-FM) OR Creswell 95,3 KZAM-FM (KZAM); AM is in Springfield OR

OR Portland 99.5 KWJJ-FM (KJIB), still k PA Philadelphia 95.7 WFLN (WFLN-FM) SC Aiken 95.9 WJFX-FM (WJFX) SC Gray Court 100.5 WSSL"-FM" (WSSL-FM)[SD Vermillion *91.1 KAOR

TX Adjuston 94.9 KLTY (KJIM) TX Fort Worth 107.5 KDLZ (KNOK"-FM") TX Free 95.9 KBRA (KOBR) TX Gonzales 106.3 KPJN

TX Sherman 96.7 KIKM-FM (KZXL) VA Bluefield 106.3 WBDY"-FM" (WBDY-FM) PR Viegues Island 98.9 WSAN (WLID) VI Charlotte Amalie 97.9 WGOD (WIBS), format assumed changed to of ospel]

SCA 67 kHz mainly; some 92 KHz

AR Fort Smith KMAG 99,1 retains 67 kHz music; 92 kHz to go to CBN contemporary satellite-fed gospel music, displacing t digitally encoded weather which goes to KFPW-FM 100.9, assumed 92 kHz FL Tampa WUSF *89.7 92 kHz music (Muzak), in addition to TT[alking book] 67 kHz WYNF 94.9 57 kHz paging

GA Atlanta WPCH 94.9 †X (machine gun noise) MI Traverse City WTCM-FM 103.5 no SCA (open carrier only; had NBC); still k main channel MN Duluth KODS 94.9 †Paging 67 kHz, hard to detect beacuse takes carrier off between pages

MN Minneapolis WLTE 102.9 † 92 kHz paging, Into of silliness and swearing: I wrote station manager a letter of complaint, saying he better monitor his SCA better; will let you know if he

MN Mankato KEEZ 99.1 1X 92 kHz, different type of data from their 67 kHz.

MN Pipestone KLOH-FM 98.7 tX, r main carrier MO Mexico KWWR 95.7 † 92 kHz rock (in addition to Seeburg 67 kHz easy listening)

SC Seneca WBFM 98.1 no SCA (was tX) WI Medison WORT *89.9 92 kHz Seeburg rock (same operator has easy listening on WZEE 104.1 at 67 kHz)

Stereophonic Stations FL Gainesville WYFB *90.5, g FL Jacksonville WNCM *88.1, no nonIU (A Dversville KDMC 99.3, rm IA Spencer KRGS 104.9 "sold, scheduled to be shut down and return under new owner Oct. I with live rm"; affects Fort Dodge 103.1 translator. IA Spirit Lake KUOO 103.9 rm, Mutual, "on-

campus radio station" of mythical University of Okoboji; "even cheerleaders doing the jingles. Clever approach; station seems quite active in community events. Probably one of the best small market operations around."

MN Crookston KLZC 96.1; adds Grand Forks ND to its ID making it a dual-city IDer, EZ-96 (strict), address Box 665 Crookston MN 56716 NE Central City KZEN 100.3 KZ-100 (strict), k

music, 167 kHz X (telemetry) and 92 kHz open carrier. Hourly ID has three cities in it, ending with Norfolk. Middle cities heard so far are: Hastings, Seward, Milford, Stromsburg; 24 hrs.-

a tremendous signal; and one that should be DXed in all the lower 48 states, plus Canada and Mexico: Nebraska's best on-air signal to date! VT South Burlington WXXX 95.3, r, Triple X Multi-City Identifications in Use

IA Cedar Rapids stations adding lows City: WMT-FM 96.5, KHAK-FM 98.1, KQCR 102.9. IA Palla KXJX 103.3 adds Des Moines; no non ID; always gives call letters

MN Minneapolis WCTS *1003. adds St. Paul; still at low tower height, allowing KLYF and KZEN to often come through in Esko (?)
MS Oxford WMMS 97.5 with Tupelo-Houston WI Wisconsin Rapids WWRW 103.3 adds Stevens Point-Marshfield, still "W-103," rm

Facilities' Changes Granted

CA Big Bend K217AS *91.3 (KSOR 90.1 Ashland OR - from carrying KCHO 91.1 Chico CA)

CO Denver KBRQ-FM 105.1 1330' (100000hv) II. Canton WBOD 100.9 330' (3000 h,v) MD Salisbury WICO-FM 97.5 (from 94.3; 97.5A assigned to Salisbury) (Directional.)
MI Detroit WCLS 99.5 21000 h, 19000v (750')/

WMUZ 103.5 50000 h,v; 500' MI Holland WTHS *89.9 1000 h,v; 155'

MN Duluth K244AX 96.7 (from W249AM 97.7): both translators were on for a while, now only 96.7 is on; I assume the move to 97.7 was aborted because WEVE-FM in nearby Eveleth is maying from 100.1 to 97.9 with more power) NE Alliance KAAO 105.9 705' (100000 h,v) NY Catskill W285AM * 104,9 (from W244AD 96.7)

NC Kitty Hawk W296AN 107,1 (from W252AI/ OR Lakeview K208AX *89.5 (from K211AE 90.1)

OR Grants Pass K20580 *88.9 (from K217AB/ OR Canyonville K220AC *91.9 (from K217AD 91.3 Riddle)

OR Klamath Falls K220BJ *91.9 (from K213-/ OR Coos Bay K213AD *90.5 (from K206Al 89.1); FCC says 89.1, but I am moving it back to 90.5 because of the new grant in Coos Bay of KCOO *89.3. John Patton, technical director, KSOR, says K213AD 90.5 never existed; it was K211AK 90.1, but now is on 89.1. KSOR was not aware of KCOO *89.3 and does not know what frequency it will go to. I wrote back and suggested that they consider going to 90.5, where I am continuing to list it. ((3000 h,v) PA Cartiste WHYL-FM 102.3 330', directional/ VA Charlottesville W221AO 92.1 (from W257-

AA 99 3) VA Clarksville WLCQ 98.3 300' (3000 h,v) WA Cheney (new) 101.1 410' (100000 h,v)

For other station news see also Jim Pizzi's report, Sept. VUD, Lorenzo TX and Miles City MT; and Danny Buntin's on Pryor OK; as well as Dave Nieman on Bastrop LA and Mitchell SD!

READER INPUT

CONTRIBUTORS LAST MONTH: David Abrantes, Danbury CT; Mike Agner, Harrisburg PA; Ken Roberts, 46, took over KROQ Robert Baker, Humboldt IA; Richard E. Berg. (FM) 106.7 Pasadena from his part-Andersson, Woodside NY; Mike Bugal, Enfield ners and by buying out would-be CT; John Ebeling, Bloomington MN; Max Engel, competitors for his facility at the Brooklyn NY; Robert N. Fenichel, Arlington VA; FCC. The station had been off the William F. Flynn, Sunnyvale CA; Scott A. For air two years, but has now rebounster, Fair Haven NJ; Donald J. Fritz, Downey CA ed very well. (who sent an article on SCA-business uses pub. KROQ's station manager is hippylished in the "Los Angeles Times"); Larry Fuss, looking Rick Carroll, who aims to Jackson GA (who kindly sent many bumper "keep one or two cuts ahead of the stickers); Paul L. Gaines, Detroit MI (who has competition." He is a former been enjoying skip reception in his van); Roger KROQ jock from the 70s. Roberts, Giannini, Ballevue IL; Paul Hanchock, Oakland on the other hand, seldom visits the CA, Paul Harknes, Duluth MN; Hank Holbrook, station, choosing to run it from his chavy Chasy MO (who is still Ding with an old 113-acre ranch where actor Robert Scott 310E FM tuner that he bought used in the Taylor lived. The article imples that '60s]; Clarka Ingram, Mesa AZ; Jim Kehoe, Roch. Roberts does not listen to KROQ.

ester MN: Jim Korn, San FRancisco CA; J. Henry Kruse Jr., mayor, Albany CA (a satisfied blind user of one of my SCS receivers); Greg Leo, Lincolnshire IL; J. E. Lewis, Tuisa OK; Allen Lloyd, High Point NC; Douglas P. Loney, editor,"Broadcast Technology." Bolton ON (who will be sending his magazine); Nick Lombardi, Atlanta GA: Jay Mathisrud, Minneapolis MN; W. R. McIntosh, Granada Hills CA; Don Mussell, Whitesburg KY, David J. Nieman, Akron NY; Bill Nienajadly, East Rutherford NJ; Peter A. Nolan, Houston TX; Timothy P. Noonan, Milwaukee WI; Red O'Connor, Kodiak AK; Jim Pizzi, Lovington NM; Keith Pugh, New Hope AL; Richard Reese, Jersey Shore PA: Kermit Reio, College Park WA; Michael R. Roehm, Garrett IN (he's the one who mentioned wIOE 103.1 Huntington IN is commercialfree: I checked and they are owned by Price Communications, same owners as WOWO (AM) Fort Wayne IN. This lends merit to his story that WIDE exists to divert audience away from stations like WMEE 97.3 Fort Wayne-a most unusual situation in the annals of broadcasting!); Bob Seaman, Hazleton PA: Richard J. Steinberger, Hudson MA; Ralph Strobel, Muncie IN; John Sunier Kentfield CA: Stephen Tuura, St. Catharines ON: Edward M. Warner, Franklin NC; Richard E. Wood, Ph.D., Hilo HI.

Rich Eddie asks "When is the new FM Atlas going to come out?" I do not know; have not had the time, but I do have computer capability again, and I have redone the maps of DE-MD-WV and VA-DC, with work planned on two others. Rod O'Connor sent me a new AK map, which I may use, since it is not copyrighted. I doubt that it will he ready in 1985; look for an '86 copyright! If you think this is too infrequent an appearance, just compare the FM list with the club's TV atlas and translator guides and notice how many editions of those there has been in the time I have had nine editions or is this a fair comparison?

Rich says there is no sign of DeSoto MO on 100.1. St. Louis 88.1, nor Arnold MO either on 88.9 or 89.9 II list KCWA now as 89.9-b.e.]. Rich sent articles on St. Louis ratings. They show usual leader KMOX (AM) dropping from a 20 share to 19.7, for the first time since 1973. KSHE 94.7 grew to a 12.9 rating, while WMRY 101.1 E. St. Louis IL, listed as jazz-rock, went from a tiny .6 to a 1.3. W. R. McIntosh sent an article on an SCA stock format package involving such companies as Lotus Development and Bonneville, usir of a "Modie," priced at \$549.95 to be used with personal computers. Another article ne sent is on how



being absorbed by video and his computers.

ANOTHER ARTICLE HE SENT MADE NOTE OF THE EACT THAT THE FCC'S WOMEN'S PREFER-ENCE RULE HAS ENDED, SO STATED A FEDERAL APPEALS COURT. THE CASE INVOLVED ST. SIMON'S ISLAND GA. LATELY, MANY APPLICATIONS FOR NEW FM STATIONS WERE FILED BY WOMEN, IN NAME ONLY AT LEAST. NOW, UNLESS THE FCC CHOOSES TO APPEAL Ken Roberts, who re-creat- THE VERDICT, FEMININE APed Pasadena-based KROQ. PLICANTS WILL HAVE NO EDGE OVER THEIR MALE COUNTER-

Merger of the Detroit News and the Gannett Co. would most likely place stations WWJ (AM) and WJOI 97.1 FM on the sales block, according to an article sent by Paul L. Gaines. Gannett owns WCZY-AM-FM Detroit, which may also have to be sold. Paul was perceptive to send on word from bumper stickers he has seen what the formats and stereo indications are of some stations. He's seen some odd ones-"KCLT FM 105 in stereo" on a car with an AR license, and "WADD 97 FM" with an AL license. So now is born a new aspect of the hobby . . . Watch your parking lots and report station news from the bumper stickers you see! And I could fill up this page with pictures of the "Country Favorites"-the jocks of WWWW 106.7 Detroit, which Paul sent. Or are the "Country Favorites" the music and not the people? The people are Chuck Santoni, shown wearing a western hat, Kathy O'Neill, with wild, dark hair; bearded Ken Morss, smiling Buddy Blake, sportcoat wearin' John K., . . . you get the

Rod O'Connor sent a radio page from the Anchorage News, and it lists KATB 89.3 on the air. "However, I was in Anchorage last week, and did not notice it on the dial and I plan on going there again next week, and will try to check again." From AK to AL, Keith Pugh: "As for format data talked about in the August VUD, I don't think it's out-of-date. I agree with you that it is 'precise' and

there are p stations around."

Pat Durkin sent an article on how Minneapolis' KTCZ 97.1 "The Cities" has taken off, at least in listener acclaim, if not in ratings. It is, however, in the top 10 of Twin Cities' radio, with Bobby Christian, 34, program director largely responsible. Article concludes "There is no question that the station has broken new ground in a radio market legendary for its fatigue. Yet in the course of going outside the traditional parameters of local radio. Cities 97 has so narrowly defined its mission and sound that its ability to grow musically could be limited." Pat has been enjoying the tropo that has plagued the midwest

New translators in the Houston area are alluded to in an article Pete Nolan sent (see new stations granted above), with an ERP of 54 watts in North Houston at 104 9 and startup could be this month. It will try to carry commercials on the translators alone, on "105-FM." They are only contemplating adding a translator to west Harris County, according to the article, but you'll see they hold a grant for two translators, so I am sure they are actively seeking ways to enhance the anemic Class A coverage of a

station trying to compete with Class Cs like KODA 99.1. John Ebelin sent an article on a proposed downtown FM broadcast tower that would rival the CN Tower in Toronto for height. This would enable Twin Cities' stations to become full Class C at 300 meters above average terrain The suburb of Shoreview wants the tall towers removed. and this is seen as a solution. Other metro areas are too close to airports to work. Oh yes, television might be included in the plan, but the article does not say. Wouldn't that be a twist-tall towers built mainly for FM, but including all the area's TV masts as a bonus? Joel Hermann visited the Rock Island area and says of WLUV-FM 96.7 Loves Park-it is "ks.", actually "h" for "hodge-podge would be more accurate. They seem to be k during the daytime, but here's what I heard one evening: 5-5:30 swap shop, 5:30-6:30 Spanish, 6:30-7 religion, 7-8 polkas, 8-12 mid. soul. There was also a strange

buzz occasionally under their programming-FM only.

AM sounded ok (it's all simulcast). The only thing con. sistent I heard on WLUV-FM was their quality, which was extremely low-probably the worst radio station I've heard anywhere KAYL Storm Lake IA continues to creak along-sales are down somewhat. FM continues to contribute very little to revenue. We need to change FM to 'rm' but owners won't so FM will continue to be a loser. AM quite successful.KFTX"-FM" - k- Fort Dodge SMN used overnight, weekends. Shoestring operation. doesn't even have news wire . I might have bought Sony's AM stereo receiver when I was in Chicago, but no one seems to carry it, yet all the major AMs (and 1 or 2 minors) in Chicago are \$. . Glenn Hauser ran a series produced by KOSU on his World of Radio program about a couple of religious outfits selling 'instant' FM translators. I guess they're not technically translators but sounds like they basically relay satellite stuff on low-power and noncommercial outlets. Have you seen the September 1985
"Popular Communications"? Write-up on one-person WHRC 92.1 Port Henry NY. Shades of Simon Geller! (Whatever happened to his station?)" Finally, Joel asks: 'Is this legal: KHAK-AM IDs as Cedar Rapids when running separate. When simulcast the ID is KHAK AM and FM Cedar Rapids-Iowa City. Don't they always have to give the same city of license? Or isn't the second city considered city of license any more? KHAK-AM is directional and can't be heard in Iowa City!" [Stations are now free to add second cities and vary them-see Central City NE above under "Stereo"; but Joel raises a good point about AM-FM simulcasting where one station cannot be heard in all the cities mentioned on the ID.1 Nick Lombardi: I found Larry Fuss' comments in the September VUD interesting, especially since his own WSB-FM recently started emphasizing '98.5 on a digital radio'. . . Now that you have reduced your proposed SCA data categories to three (X, Y, Z) and explained what each one sunds like. I am somewhat less hostile to your 'breakdown' plan. Frequency shift (machine gun) data has a quite disctinctive sound, as does telemetry. With a little practice, most avid SCA buffs should be able to recognize the various types. John M. Sulak sent an article. Compatible Stereo Format Quadruples Reception Area from Electronic Engineering Times, July 15, 1985, It would use another subcarrier in defining a more precise stereo signal, but would require new stereo receivers to take advantage of the technology (to pick up in stereo). John Combs saw on a storefront in Gainesville FL, "WO NE 91.7 FM"-maybe a cable station? [Yes, and probably different from the WONE 97.5 Akron coverage map which may be printed in this issue.]

Canada help needed! My data lists are totally confused regarding CKUJ. I show those calls used on 90.1 at Kuujjuaq, and on 89.9 at Kuujjuarripik. And I heard from Milwaukee's Ferdie Dombrowski, one of the fathers of this club, who is still single, and the owner of a VCR. He enjoys MI DX when it comes over the lake to his indoor UHF antenna, which also sufficies as a handkerchief-drier.

CONTRIBUTORS THIS MONTH: P. L. Boersma, Spring Lake MI; John F. Combs, Jacksonville FL; F. S. Dombrowski, Jr., Milwaukee WI; Patrick Durkin, Jr., Woodbury MN; John Ebeling, Bloomington MN; Richard T. Eddie, St. Louis MO; Paul L. Gaines, Detroit MI; Howard Mi. Ginsberg, General Manager, WXXX South Burlington VT; Joel Hermann, Storm Lake IA; Hank Holbrook, Chevy Chase MD; Charles Hunziker, Bridgeport CT; Tom Kigin, St. Paul MN (who says KRSD 88.1 Sioux Falls does not carry the talking book for the blind, because of an agreement that SD Public Radio [KCSD 90.9] has the SCA); Nick Lombardi, Atlanta GA; W. R. McIntosh, Granada Hills CA; Peter Nolan and his "MSJ" newsletter, Houston TX; Rod O'Connor, Kodiak AK; Craig W. Pattillo, Portland OR; John Patton, KSOR, Ashland OR; Keith Pugh, New Hope AL; Donald L. Staats, Parkersburg WV; John M. Sulak, Altamonte Springs FL; John Sunier, Kentfield CA; Peter Taylor, San Francisco CA. "Phantom SCAs" are mentioned in an "SCA: Radio Subcarrier Report" article on many 92 kHz said to be Telemet America data carriers. However, in surveying stations, none were discovered, and Telemet's calls were unanswered. The paper covers the Tampa market, giving SCS data.

ELEVISION NEWS

Paul Gaines sent a schedule of WZDX. ch. 54 in Huntsville, AL, which went on the air a few months ago. WZDX is an independent station. with children's programming in the morning and afternoon hours. Religious programs in the late morning, but hardly any on Sunday. Sunday is mostly syndicated programs and movies. Five movies on Saturday, with syndicated programs the rest of the day. Movies weeknights and afternoons. Most of the syndicated programs are the currently-produced independent type, with some network leftovers. Paul heard a radio station announcing such things as "for programs on 18-Elmira see 3-WSTM," and so on, and wonders if the list he copied down was a list of translators. especially since some of the city and channel references coincide with contruction permits for broadcast stations. It happens that 18 in Elmira is a satellite broadcast station, WETM. The others are all translators and are listed in the 1984 Translator-LPTV list. 50-Watertown and 33-Utica, however, are on assigned channels and will be forced off the air once the broadcast stations sign on.

I have found it interesting myself to tune in on some of those AM stations within a five hundred mile radius to find out what's going on with their local television stations, in case I ever get them in.

Several questions Paul asks: Did Hazard, KY ch. 35 WKHA move its TL? Not that I know of, but I have an unconfirmed report of WKYH-57 given permission to change its TL. What about WKPI-22 in Pikeville? I have no record of plans to change its TL. Paul logged a ch. 30 NBC one morning, but no ID. The only NBC-30 stations on record are in CT and MS. Does anybody know of any new NBC station on ch. 30?

Larry Fuss sent a data base copy of the Tennessee area to explain the mixup around Cookeville and Crossville. The CP cancelled was for WKWR-TV, ch. 28 in Cookeville. owned by Joseph Patrick Williams. Since that cancellation, there have been other applications for the channel, including Gerald R. Roberts. The CP for WINT-TV, Crossville, TN. has not (N-O-T) been cancelled, contrary to prior reports. It is still on the air. and has a construction permit to move to channel 20. I don't know if it has moved vet.

An article from the Florida Trend, also sent in by Larry, mentions some of the television sales going on in that state along with a peek at Miami's newest televisionstation. WBFS. channel 33 in Miami.calls itself "Florida's Super Station." "Channel 33 spent big bucks to buy highly rated network reruns...also purchased top talent, raiding the established independent, WCIX, for a salesman and a promotiondirector." "And Channel 33 earned the prize as Miami's top station one Sunday with a mix of reruns and classic movies." Not bad for

a brand new UHF in a city with VHF network affiliates, and other indie, on VHF. Speaking of WTOG, ch. 44 in St. Petersburg, owned by Hubbard Broadcasting. "In a deal initialized in December, WTOG would pay 325 million just to switch frequencies with a PBS station that broadcasts on Channel 3. Hubbard Broadcasting would pay \$10 million to \$25 million more to refit both stations and underwrite an advertising campaign for the PBS outlet. But before WTOG becomes Channel 3. Hubbard may have to beat down legal challenges from a competing independent and from Channel 10. an ABC affiliate that figures it, too, could improve its signal by broadcasting from channel 3." Needless to say, if WTOG does move to channel 3, it could compete with WTSP-10 for ABC affiliation in the future.

W.R. McIntosh sent an article from the Los Angeles Times, 8/3/85, about French television. "The Socialist government of President Francois Mitterand has announced it will break the traditional government monopoly on television by allowing two channels on the air in a few months." "...the Mitterand Cabinet has approved a two-phase program for private television. First, the Cabinet member (Georges Fillioud) said, two national channels of a commercial character will be created in a few months, probably before the end of the year. One will be a video music channel appealing to young people; the other ... a national channel of general interest." "...the government plans to license perhaps 40 local TV stations throughout the country. This, however, presumably depends on the launch of a special communications satellite, slated about a year from now." "The government's latest announcement amounted to a request for outsiders to make their proposals for the two new television channels. It was not clear how much independence the new general channel would have in its presentation of news." "Besides the three government-owned channels. there is a pay-TV channel that offers mostly movies and sports events."

From Jeff Kadet, "KSAS-24 is on the air (at Sam) asking for reception reports and telling people what 'UHF' is." KSAS is in Wichita. Kansas. "WTJR-16 (Quincy, IL -wbf) was noted testing way back on August 6, but they haven't been seen since. It was definitely them with a 'Jesus Loves You' superimposed on their CB TP. Just what the midwest needs, another religious station." Jeff, let me know if there is sufficient ABC coverage in that area. This might be a future candidate for affiliation. "On the 12th (August -wlf) I got chs. 65 and 68 in NJ for a new state. WSJT IDed as Monmouth, a sizable distance from Vinelandwhat gives?"

Jeff asks about translators. M51AB is in Flintstone, GA. 853 watts RP. Don't know ant. height. "I saw them on the 21st. They were very weak but it was definitely them with a GA Public TV Begathon." Can't help you on the other translator information.

Bob Langridge visited the studios of new televisionstation KLJB. ch. 18 in Davenport. IA. which went on the air 7/28/85. A promotional item reads, "KLJB-TV, Channel Eighteen ... free and independent television for the Quad Cities. and about to become another of the big success stories in the fast-growing independent television industry." "Our 3,000,000 watts of power, plus our cable carriers, including Cox Cable channel 7 with 60,000 subscribers, Group W channel 18 with 46,000 subscribers, and Heritage Cable channel 6 with 17,000 subscribers, to name a few, achieves (sic) parity with the three local network affiliates because of the high percentage...of cable penetration in the market. Our programming is a refreshing alternative to network viewing. It's programming with proven appeal. From classics of television's 'Golden Years,' to contemporary hits like The Rockford Files and Hawaii Five-0." We bring a new look with sitcoms and children's programs in place of the news, and academy-award-winning movies during network prime time hours." Or, as one member recently holds a license for a TV station in Maryland put it, "same old UHF rot."

George Mileon sent in an article from the 8/22/85 Boston Globe about the recent WGBH "Begathon." This article could also apply to other educational stations. "WGBH...executives has the number 2 on it, just in time for him are...concerned because the August pledge month period is winding down, weakly - the televised appeal ends next Sunday - with the lowest viewer response since the late 1970's." "The 1985 summer solicitation follows two years of successful 'Pledge-Free August,' when mah.' Still no switch on WSAV-3 vs. WJCI-22. WGBH promised viewers not to mag them on the air or otherwise if sufficient funds were promised voluntarily to meet fiscal commitments." "Other reasons for the dramatic slow-down... include: solicitation while viewers are on vacation: the preponderance of encore programming...: the increase in remote control devices which allow viewers to watch the shows. then switch to another channel during the intermission pledge periods each night."

Bill Nollman sent an article from the 8/14 Norwich Bulletin, about proposed station WLCT. ch. 26 in New London. "A local television service, catering directly to southeastern Connecticut, will be available by the year's end. A decision last night by the Montville Zoning and Planning Commission to grant a special permit, puts to a close four years of studies and plans to begin a local commercial television station, Channel 26. The approval will allow C&S Broadcasting Corp. to build a 1,200foot television tower at the intersection of Routes 161 and 85." "Construction could begin immediately and should be completed by the end WSW). of the year....construction permit from the FCC expires Sept. 19 and cannot be renewed unless construction has begun." Bill adds, "Since few maps show the intersection... I took out a road map. The spot is exactly 9 miles SW of the intersection of Rts 2 and 395 (ex Rt 52). This can easily be found on any map. The spot is in the city of Montville near the town line of East Lyme." "...now Ch 25 - a great movie station from Boston will be swamped with CCI." Not quite. CCI stands for

co-channel interference. It will, however, suffer from ACI, or adjacent channel interference. I also want to comment that this article is one of the few that recognizes a difference between a license and a construction permit.

Which brings me to this letter by Leslie Price, enclosing an article from the 8/25 local paper. "TV STATION PLANNED FOR MOREHEAD CITY" Wow! What does that mean? Does it mean the station is about to go on the air? Does it mean somebody was granted a construction permit? Does it mean somebody applied for construction permit? Does it mean there is even an available channel there? No none of the above. What happened is that Larry Fuss of Contemporary Communications applied to the FCC to add channel 8 to the table of assignments for Morehead City in North Carolina. Or. as the article put it, that the FCC "will open hearings to assign a license to broadcast on TV Channel 8 inMorehead City. Larry will most likely be interested in the last sentence of the article: "Contemporary Communications also which has not yet been put on the air." Just think. Larry! Now you don't have to apply for that license.

John Combs Finally got a typewriter that to begin his new column. He reports, "WTGS-28 lardeeville SC is on today (8-16) testing with ID slide. They intend to be sort of a Savannah 'rim-shotter:' hence the earlier article I sent which referred to 'Channel 28 in Savanwould have expected it to take place on July 1st, if at all. Maybe it won't happen until the first of next year?"

Glenn Hauser writes, "Ron Schatz and I checked out the Florida Keys translator network...on an expedition down the keys...using his battery powered portable TV set in the car. Those who have been straining to DX them will be interested to know that the Key Largo, Matecumbe, Marathon and Big Pine groups are indeed on the air, but not Key West (and this is confirmed in a local newspaper listing omitting the K.W. channels). The Matecumbe. Marathon, and Big Pine facilities are easily visible from the Overseas Highway.... Key Hargo's is not on the main road, but about 4 miles N of the junction with US1 on county road 905. That's the off-air pickup site... as evidenced by the array of VHF receiving antennas above the UIF transmitting elements ion the same tower. They all had very short range (on the portable monitor) and were quite directional toward the next one (i.e. SW or

The 8/11 New York Times included an article, sent in by Eric Fader, about WTZA-TV, ch. 62 in Kingston, New York, "The Hudson River Valley, one of New York's most rapidly growing regions, is about to get its own commercial television station." "The station. WTZA-TV. Channel 62, will be a UHF outlet that...will provide news from the many separate communities...between Albany and Hew York City and other local programming plans are to begin broadcasting by late October. A five-million

watt transformer and an antenna are under construction atop Overlook Mountain in nearby Moodstock, and 22,500 square feet of television studios are being built in the downtown area here." "The station's powerful signal... should be strongest between the Catskill and Berkshire Mountains and from the Albany area to northern Westchester County," "But they say WTZA-TV would be the only general-interest But I did find a few other wonders. KDCD-TV, commercial station in the valley." "Station WTZA-TV will be on the air 18 hours a day... "'We'll buy programming from the shelves, the syndicated programming of the last 20 years, to supplement the station's own material." "The news director...said the station would open news bureaus in Poughkeepsie and in the Newburgh-Middletown area as well as in Kingston. News of the valley emanating from Albany will (also be) covered." "The station would begin each day with a news and information program between 6 A.M. and 7 A.M. Also to be offered are a half-hour of national news at 6 P.M., a half-hour of local and regional news at 6:30 P.M. and a newscast at 10 P.M." Fred McCormack sent an article from the 8/18

12 are KVRR's new full-power spinoff stations. large, our programming will be for general They'll duplicate Channel 15's programming. with commercials and public service announcements tailored to their respective areas. Channel 10, based in Thief River Falls, Minn., serves northwest Minnesota and the Grand Forks. N. D.-East Grand Forks, Minn. area. Channel 12, based in Pembina, N.D., serves northeast North Dakota and southern Manitoba. Canada." "KVRR's new facilities are at 4007 9th Ave. N.W. in Fargo." "Effective in October. KVRR will use...equipment for 24-hour programming in stereo...." "'What we're trying to do is mix the old with the new and put good old-fashioned family entertainment back into television - things people can sit down to watch with the whole family and not be afraid they have to plug little kids' ears." "Programming highlights include a minimum of 15 movies weekly and more than 30 holiday specials from Halloween to Jan. 1." "Children may watch cartoons Sunday mornings or kids! shows weekday afternoons: wrestling fans can tune in Saturday afternoons or late-night Saturday." "Sports programs include North Stars and Gopher games. Other programming includes news magazines, shows for teen-agers and sitcoms."

Fred writes, "You may have noticed that KVNJ was sold in recent months. It was sold by its original builders to a Minneapolis company who then sold 50% of it to another company in exchange for ownership of LPTV's K18AI, Grand Rapids, MN; and K26AC, Bemidji, MN; and Construction Permits KFOM-TV, channel 10, Thief River Falls, WN; and KWBA, channel 12. Pembina. ND. Both of these permits have existed for years (since 4/82 and 7/81 respectively)." "KVNJ-TV had been operating on a rather brief schedule with sign/on around 1500 and sign/off before midnight. Since the sale, they have expanded their program schedule and have started a strong advertising campaign on radio and taxicabs. Their radio ads ask if

you remember channel 15, the station that no one could see. The ad goes on to say that they have installed a powerful new transmitter. It is about twice as powerful as their first, but I suspect they still have the lowest ERP of any full power UHF license in the nation. Do you agree?" Almost! They were at 3.5 kw ERP, and have applied for 8 kw recently. ch. 18 in Midland, TX, is 1.6 kw max/0.813 kw hor. But with its increase in power, there will be four more stations weaker: KIDZ-24 (Wichita, TX), WTUV-33 (Utica, NY), WTKV-33 (Valdosta, GA), and WEDY-65 (New Haven, CT).

Bruce Elving sent a few articles from various issues of the Current, a periodical for educational radio and television stations. One article describes ch. 35 in Philadelphia. "Channel 35 will join WHYY-TV. Philadelphia. and WNJT-TV, Trenton, in serving the area's public television audience when it takes to the waves this fall. Licensed (sic) to Independence Public Media of Philadelphia, the station plans a broadcast menu to complement the existing channels' schedules. It Fargo Forum, about ch. 15. "No longer KVNJ, will be ;soliciting more work from independent the station is now KVRR-TV." "Channels 10 and producers than programs fed by PBS." "'By and audiences. " "But the board, whose members include two Hispanics and one black, is giving considerable attention to developing programming for Philadelphia's minorities." "In 1983 IMPOB applied for the license (sic) after they learned it would otherwise go to an organization called The Faith That Pleases God Church Inc. - a Texas-based religious group." Good reason to apply for a CP. A vacant channel gathers dust until somebody else wants it. and all of a sudden you decide you want it

There have been occasional complaints that WHYY-12 has been insensitive to the general audience in its programming. On one occasion, a group of minorities objected to its lack of programming of interest to minorities, claiming that WHYY's diet of high-class cultural programming is geared toward the richer classes. In response, WHYY insisted that its high-class programming is meant for people of all races and cultures. The State of Delaware objected to the fact the WHYY neglects its home state in its programming. Their bitterness stems from the fact that WHYY. many years ago on Philadelphia channel 35, switched to Wilmington channel 12 (from UHF to VHF) on the condition that it would give special attention to Delaware. Yet it still transmits from Philadelphia, and caters only to higher tastes. In defense, WHYY claimed that it does indeed cater to the interests of Delaware. The example it gave was Sesame Street, arguing that the people of Delaware speak the same English as the other states. Honest!

Another article from the Current reports on the latest on the interference problem between channel 6 and educational FM stations. Several months ago, the FCC adopted a set of proposed rules to eliminate the problem, publishing that proposal in its Third Report and Order. Those proposals were unacceptable

to both channel 6 interests and educational FM interests. The article begins, "Representatives from public radio and major commercial channel 6 television interests have reached a compromise agreement on regulation of educational-FM signals' interference with reception of channel 6. A joint proposal for a rules package was submitted to the FCC May 28."
"The rules in the third Report and Order issues by the FCC last fall were rejected for different reasons by both radio and television. At that time, representatives for both groups filed a joint motion for reconsideration, which the Commission subsequently approved. The FCC immediately announced a freeze on all new or modified ed-FM applications, pending new interference regulations." "The new joint proposal calls for the FCC to adopt receiver standards....And the broadcasters have also agreed to do a joint study of real interference. With respect to predicting interference, the parties have proposed modifying the conventional method to take into account such factors as terrain, population, use of filters other commercials. Specifically, I refer to and duplicate network service from another TV station." "An ed-FM applicant could avoid going through the interference prediction process by choosing a lower power...Also, they-'re always free to get an agreement with a channel 6 station. If they can get an agreement withoug going through the process. it would be encouraged."

Several articles sent in last month by Walter Patton are all related, and involve reactions to a proposal by the Canadian Radio-Television and Telecommunications Commission that will reshape Canada's broadcasting system by allowing regular television stations to put their signals on satellite and have them picked up and redistributed by cable companies across the nation. Toronto's multilingual station, CFMT, ch. 47, plans to expand into 14 other cities by September. Another contender for the "superstation." as the CRTC is calling it, is CITY-TV. But the existing networks CTV and CBS, are opposed to the idea, because it would lead to fierce bidding wars for American programs. Also opposed to the idea is Global TV, which had recently announced plans to become the nation's third network, competing directly with the other two. Global plans to expand its coverage to 24 cities by building new transmitters and expanding the coverage area on its existing transmitters. But the FCC seems to favor the superstation concept, its policy being thatcable television is preferable totransmitter stations.

VHF-UHF CHANNEL SWAP UPDATE

Democrats in congress are upset about the FCC's proposal to allow VIF educational stations to sell their channels in exchange for huge sums of money. During a Senate Commerce Committee meeting, they tried to pass a ruling station some time ago. that would freeze noncommercial reservations on channel assignments. The Democrats want Congress to take immediate action, while the Republicans feel that the FCC should be given time to study the matter and adopt a policy before any action should be taken. Democrats in the House of Representatives are also

considering taking steps to block the FCC.

TN CONCLUSION

As you have noticed, this column doesn't contain the usual technical information related to applications and permits of television stations. That is because of the difficulty in researching this month's columm. However, next month will contain two months worth of information in it.

This time of the year is usually the best for long-distance tropospheric DX in this part of the country, so be on the guard for some of those long hauls. There are lots of new stations on the air that weren't on last

Those of you who are PBS fans are probably aware of some of the subtle methods used by commercial advertisers to advertise their products or services on educational stations. What some of you may not realize is the fact that many of your kiddie shows are half-hour long commercials with occasional breaks for such programs as Voltron, Masters of the Universe and G.I. Joe. The latest wave of commercial-cartoons deals with robots that change from one form to another. This began with the famous Transformers and Go-bots. Now there is a new wave of transformer toys following the success of Go-bots.

For example, there are the Sno-bots, Leave them around for a few minutes in a warm house and they transform into puddles of water. Then there are the Ferraro-bots. They transform from Diet Pepsi cans to Diet Coke cans in front of television cameras. No-bots transform into nothing. Slo-bots transform into congressmen.

Now they have cereals advertising toys, such as Rainbow Brite. Now they have G.I. Joe cereals. They fill you full of lead. Next will come the Transformer cereals. Leave them in a bowl full of milk for a half hour and watch what they transform into.

If your kids are like mine, watch out. They succeeded in transforming even the toys that weren't meant to be transformed. I won't say what they were transformed into, but they became a valuable addition to the city's sanitary landfill.

Just a few more notes. John Combs saw WTGS, ch. 28 in Hardeeville, SC, testing 8/16/85. It may be on the air by now. Last minute letter from Ed Frve contained an article that says that WIZA, ch. 62, plans to be on the air "the last weekend in October." The TZA stands for Tappan Zee to Albany.

I noticed in the Eastern North Carolina TV Guide that WRAL, ch. 5 in Raleigh, is now CBS, and WTVD, ch. 11 in Durham, is now ABC. A recent Canadian TV Guide, Maritime Provinces Edition, lists a CJBR, ch. 3 in Rimouski, Quebec. I think somebody has questioned that

One more note on the proposed channel swap with educational VHF stations: I noticed that Sesame Street is now teaching children how to count up to 68.

VAF UTILITY DX

Donald L. Blevins 3615 East Lombard Baltimore, MD 21224 phone: 301-522-2089

This month's feature will announce the change of this editor's address once again. This time, however, the change should be a long term one as I have finally bought a house. Also you will note that my own loggings should be more extensive as I have installed an outside antenna for low band and high hand, and I can at long last join all of you in actually logging some of the PSB DX.

I have been quite busy unpacking from the move, so I still might be missing some things. Anyone who has undergone such a change is to be sympathized with. My antenna set up now consists of a quarterwave ground plane for VHF High and a quarter wave dipole for VHF LOW.

My only offerings at this time will be Bill Nollmans info which he the way was the only thing I could remember where I put. It has taken some time to unpack and reassemble my OX shack and there are some things yet to be put into place. I beg you for your indulgance.

Bill Nollman Box 184 RFD #1 Fitchville, CT 06334 reports

6/4/85			
1800	KAW 628	46.50	Westerly, RI Watch Hill Fire Dist
1807	WRX 703	46.50	West Haven, CT Allington Fire Dist
6-6-85			
1813	unK	33.90	(poss) Arkansas
1815	MGG 360	33.30	Salem, CT Salem Fire Dept
1816	KCH 245	46.18	Haddam, CT Hadam Fire Dept
6-7-85			
2013	????	39.46	Springfield, IL Police Dept
2013	KSA 213	39.46	Springfield, IL Illinois State
1816	KDE 621	39.46	Flora, IL Police Depart
1823	KNC 661	39.46	Effingham, IL Effingham County S.O.
			Toledo, IL Cumberland County S.O
1831	KSD 806	39.46	Newton, IL Jasper County S.O.
6-8-85			
1338	KTV 633	37.12	Monroe, MI Monroe County S.O.
1645	KAA 522	42.12	Willow Springs, MO Missouri Highway









Saul Chernos 79 Ridge Drive Toronto Ontario Merrill. cont'd

OCT-1985 Phone (416) 489 - 8623 at 0800-2300 KLT (I'm in Toronto now)

Yep...until furthur notice I'll be in Toronto. There's a slight chance that I'll get a job somewhere else but who knows? Burnt River is just about over for the summer. Only a week to go; my summer employment contract is out and I'm taking a week's holidays before doing some serious job searching. I'll be gone from the River by Labor Day. Not much August Es, if any at all, and a nice start to Aug. Tropo that fizzled without any

FRANK MERRILL - P.O.B. 7207 - Toledo OH 43615 SAYS HE'S MOVING TO IL, SEE COMMENTS AT END.

MAY 1985 1200 WSFP 90.1 FL FtMyers prgm promo ID 1210 CM., 91.9 CUBA "Radio Rebelde de Habana" Country #5, any info?...Help!!! 1214 WJYD 107.7 FL MtDora "Joy 108" Orlando ad 1215 WWBA 107.3 FL StPetersburg 1220 WOOJ 107.1 FL Lehigh Acres "107-OJ" pr 1223 WIIS 107.1 FL Key West local ad 1226 WHLY 106.7 FL Leesburg "Y-106, Orlando's hot rockin' Y" 1230 WMLO 106.3 FL Sarasota 1cl wx (86°) 1231 WHEW 101.9 FL FtMyers 1237 WLOQ 103.1 FL Winter Park "LOQ" 1240 WELE 105.9 FL DeLand WELE Country 10 Countdown 1241 WRBQ 104.7 FL Tampa thru WIOT 1243 WFYV 104.5 FL AtlanticBeach TV-12 ad 1251 WLEQ 95.9 FL Bonita Springs "Q96" 1cl ads 1256 WIVY 102.9 FL Jacksonville ID 1257 WBJW 105-1 FL Orlando "BJ-105" ad 1258 WYOR 105.1 FL CoralGables "Hot-105" ads 1303 WKTZ 96.1 FL Jacksonville ID b 1305 W... 88.1 FL Jacksonville lcl stuff (I had WNCM on Es, it's them-saul) 1309 WCKS 101.1 FL Cocoa "CK-101" WCPX-6 ad 1315 WLYF 101.5 FL Miami o/WLOR "You're tuned to FM 101, Life, WLYF" 1317 WSHE 103.5 FL FtLauderdale 1320 WSVE 92.7 FL Green Cove Springs "93WSVE" g 1322 WOVV 95.5 FtPierce Stuart(FL)ad 1325 WJAX 95.1 FL Jacksonville "The X" 1cl ads 1327 WOYK 99.5 FL StPetersburg 1330 WOIK 99.1 FL Jacksonville "WOIK FM 99" k
1331 WAIV 96.9 FL Jacksonville "97 WAIV, playing 0300 WWKF 99.3 KY Fulton ID-jingle //WENK AM TN your gavorites of yesterday and today" 1339 WDBO 92.3 FL Orlando WOFL-35 ad "K92" still music FM, KQ-99" WDBO? (FM Atlas sez WWKA, it also lists WNCM... 0334 WWEZ 92.5 OH Cincinati o/WMHE, my strong-Frank, I don't want to sound like a broken record est local; now have DX o/ all my locals. A cause you probably have enough of them, but you & other FM DXers should have a copy-saul) 1341 WHOO 96.5 FL Orlando "96FM, that's Whoo" 1345 WFUZ 93,7 FL Ocala ad temp. 1352 WKGR 98.7 FL FtPierce r ID QTH 1355 WIMI 93.1 FL Miami 1400 WFFK 91.9 KY Louisville (forgot to log before) 1102 KGCH 93.1 MT Sidney JUNE 1985 7 Es

1445 KOIR 88.5 TX Edinburg SS ID 1506 KDUV 97.7 TX Kingsville

1700 CHLQ 93.1 PE Charlottetown

1704 CBAF 24 95.9NS Sydney

1702 CBAF 27 88.7NS New Glasgow FF CBC mono

1709 CBIC 107.1 NS Cheticamp CBC EE mono 1715 CBAF 29 88.1 PE Charlottetown

1706 CBI 105.9 NS (Sydney-saul) (I think, lists 1736 WQDY 92.7 ME Calais

real extended supertropo, at least for me. The Perseids seemed hot but I largely ignored 'em. JUNE 7 Es cont'd 1720 CBAF 26 88.5 NB Moneton 1722 CBCT 96.9 PE Charlottetown 1735 CBIB 90.1 NS BayStLawrence EE CBC mono 85 watts (sure it wasn't Millertown NF?-saul) 2313 WVJC 89.1 IL MtCarmel PSA & promo 2356 KFKB 107.5 AR Mountain Home bluegrass mx & ID: not in Atlas (so you DO have a copy-sc) 0012 WKKG 101.5 IN Columbus thru WLOR (wanted) 0035 KZRO 104.3 AR Marshall "Southern Ozark Country" k 0123 KFIN 107.9 AR Jonesboro "N.E.AR's best country, KFIN" jingle o/WTPI. 0144 KJAQ 99.3 MO Gordenville 0148 WIKY 104.1 IN Evansville 0200 KTMO 98.9 MO Kennett legal ID k (satelite prem) 0204 WZZQ 107.5 IN Terre Haute "107 WZZQ, T.H., the valley's best, song after song." 10 Es 1723 MMKS 92.1 TX Bay City "KMKS wax centre" 1736 KELT 94.5 TX Harlingen 1738 KSBJ 88.1 TX Humble "88KSBJ" g 1800 KBNJ 91.9 TX Corpus Christi SS-EE ID, SS 1803 KLUX 89.5 TX Robstown legal ID 1814 MUF at 102.9 briefly 1828 KTFA 92.1 TX Bridge City ads ID 1834 KJAE 92.7 LA Leesville 14 Es 1311 KESS 94.1 TX FtWorth "Tortilla Luna... ...para communicad Hispañola del metroplex" 0311 WKDQ 99.5 KY Henderson "Evansville's relog, as WMHE used to s-off. 2036 KROE 94.9 WY Sheridan 20 Bs 1537 KWYK 94.9 NM Aztec 1542 KRWN 92.9 NM Farmington 1143 CBKF 97.7 SA Regina FF CBC 1147 CIZL 98.9 SA Regina "Zed-99" SA PSA 1303 CBGA17 893 PQ Gaspé FF CBC mono?(probably-saul) 1342 KLBJ 93.7 TX Austin 24 Es (sorry, my canada list in Tor.; will look) 1714 CB.. 88.7 ?? KE mono to East CBC

1725 C... 94.9 FF independent soundedCJBT

(Maybe Carleton PQ?-saul)

1733 CFIM 92.7 PQ Cap aux Meules

1738 CBSI 98.1 PQ SeptIles FF CBC mono 1740 CBAF 25 107.5 NS Mulgrave

1740 CBHB 106.7 NS Mulgrave EE CBC mono

JUNE 24 Es cont'd JULY 2 Es cont'd 1742 CJYC 98.9 NB St John "C98" QTH wx 1305 KTYE 99.3 TX Tye CBS nx ID 1743 CBZA 103.7 NB Grand Manan 1308 KTFX 103.3 OK Tulsa commodities rep't QTH 1744 CKO9 103.5 NS Halifax (You sure? They 1309 KMGC 102.9 TX Dallas 1312 KMYZ 104.5 OK Pryor r ID QTH must be very new-to-air, delayed by \$ 1328 KTEZ 101.1 TX Lubbock problems, \$ meaning money not \$tereo-sc) 1750 CBHY 92.1 NS Yarmouth 1333 KVRP 95.5 TX Haskell 1752 WWMJ 95.7 ME Ellsworth 1338 KWTX 97.5 TX Waco 1804 C... 93.7 EE CBC mono 1338 KFAN 101.1 TX Fredericksburg 1343 KOKE 95.5 TX Austin "Light-FM" (still KOKE?) 28 Es 1141 KTCL 93.3 CO FtCollins 1349 KESS 94.1 TX FtWorth 1144 KBVL 94.7 CO Boulder 1349 KJIM 94.9 TX Arlington 1407 KKBQ 92.9 TX Pasadena "HotHits,93Q" 1203 KENW 89.5 NM Portales 1425 KLTR 93.7 TX Houston "K-Light" (KLTR not 30 Es 1344 WIMI 93.1 FL Miami KRLY-saul) 1430 WLJS 91.9 AL Jacksonville "92-J with Jack-1344 WMCU 89.7 FL Miami sonville's best music", likely a separate Es JULY 1985 cloud as Jeff Kadet (IL) had WCYB-5 when I had 2 Es 1234 KERA 90.1 TX Dallas this. 1241 KSEY 94.3 TX Seymour "Casey Country" 1505 WDFM 98.1 OH Defiance automated rock 1243 KOFM 104.1 OK Oklahoma City 1244 KRPT 103.7 OK Anadarko "The best of 13 Es 1103 KESS 94.1 TX FtWorth the country, KRPT" k 1103 KJIM 94.9 TX Arlington 1300 KSNY 101.7 TX Snyder TSN nx ID 1301 KORQ 100.7 TX Abilene COMMENTS: What happened to the Es? I did get lots 1301 KATT 100.5 OK Oklahoma City of new ones by Es but the longest duration of any

Oct '85 NORTHERN FM DX (2)

opening was only about 2 hrs! June 7 Es covered most time, but much of the time Es was below FM in MUF. May 23 best day in several years, stable-strong signals, even a 105.5 unID poking thru WWWM, 4 miles away. WHERE IS THE CUBAN, their power? While they're pesty on AM I never expected one on FM!

THIS SHOULD BE MY FINAL OHIO REPORT, as I'm moving to Macomb IL. Not only a DXers paradise but a darn nice town. Ahh, gotta start all over again. If I can resolve unIDs in this rep't my ALL TIME TOTALS (combining 1960s MI DX w/ Toledo OH) would be 1663, from 41 states & DC, 9 Canadian provinces & 5 countries. In OH, in 1970s-1980s, TOTALS 1538 from 39 states (DE & NJ were heard in MI via Au & Tr but not in OH) & DC, 9 provinces & 5 countries. Best freq. is 92.1 with 51 stns logged (46 from Toledo/OH & 5 more not heard since I moved from MI). Best Educ.FM freq. is 88.1 with 28 logged, all time.

I've decided to count CBC Canadians on the basis of programming and parallels (//), without necessarily hearing IDs. My logic is this: many of them don't ID, EVER, so if I can hear ANYTHING that determines that they were, for example, CBC English mono, I assume that that statement, on the air, IS the ID. If a station never gives a legal ID, does that mean you can NEVER count it?

(Ed: CBCs do not ID in the way WIOT or other stations might. You are right in that they do give enough clues - usually. Be very careful. On June 24, I got maritime Es, and all CBCs were doing local stuff. I heard NS news on some, NB news on others, a NF wx report, etc... but what to do if two NF CBCs who are // both on 89.5? I counted in that case the more powerful one and in future will treat 89.5 as a relog even though it may be the other CBC! Not all Es openings are going to last until the mono CBCs sign-off at 0007 or 0107 local time when relay lists are given. If you get a relay of CBL 740 Toronto on 93.5, is it Peterborough or London ON? (Luckily I heard London before Peterborough began operating!) (Frank, again:) Everything in my log are stations I'm 100% convinced of, 95% with actual IDs. or local ads (which I often verify by phone, network (only for Canada - never elsewhere). slogans ("Q97 rocks South Florida" if there's only one stn in S. FL), or a combination of these clues. I don't log it unless I'm convinced I had it. In Macomb I hope to have a CONSTANT taping system where EVERYTHING GETS TAPED; it never happened here cause I never had two machines for dubbing purposes. Next rep't from IL, 73 & great DX! Frank Merrill.

TOUR TRUE 2000 Vin --- A--- Di----- WY 55121 2157 007

JOHN EBELING - 9209 Vincent Ave Bloomington Mn 55451-2157 CS1			
DX FROM CABIN AT PROSIT MN: JUNE 1985 10 Es (first noted 9th at 2345) 0000 CKUA 6 101.3 AB Red Deer 0001 CKUA 100.9 AB Grande Prairie 0001 CKUA 2 99.3 AB Lethbridge 0001 CKUA 3 97.3 AB Medicine Hat 0001 CKUA 12 99.5 AB Spirit River 0001 CKUA 13 91.3 AB Dalgary 0001 CKUA 13 91.3 AB Drumheller-Hanna 0009 CHFM 95.9 AB Calgary 0015 CJAY 92.1 AB Calgary	JUNE 10 Es cont'd 0023 CKIK 107.3 AB Calgary "Kix-107" 0030 CEBC 91.7 AB Lethbridge CBC \$ 23 Es 0930 KCIR 90.7 ID Twin Falls 0959 KITS 92.3 ID Boise "Kiss FM" 1000 KIZN 93.1 ID NewPlymouth/Boise k "93FM" 1020 KIZY 92.5 WY Powell/Cody 1cl ads, calls 1028 KID 96.1 ID Idaho Falls plus SCA(music) 1047 KQUY 95.5 MT Butte "Y-95" 1051 KYYA 93.3 MT Billings "Y-93-FM" (turn page)		

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JUNE 23 Es cont'd
                                                   JULY 8 Tr
1100 KLCM 95.9 MT Lewiston
1108 KGPR 89.9 MT Great Falls
                                                   0900 KMSU 89.7 MN Mankato
                                                   8 Es
1109 KUFM 89.1 MT Missoula
                                                   1450 KVRH 92.1 CO Saladia
1158 WXTU 92.5 PA Philadelphia (surprised me!)
                                                  1457 KIQX 101.3 CO Durango "Kix-FM"
1200 CBTK 95.7 BC Kelowna CBC SundayMorning prem 1459 KKXK 94.1 CO Montrose
1210 WING 92.1 NY Sagharbor
                                                   1500 KVLE 102.3 CO Gunnison
1218 CJAY 92.1 AB Calgary (was in in middle of
                                                  1501 KWSB 91.1 CO Gunnison
 the opening)
                                                   1508 KNAU 88.7 AZ Flagstaff
1235 CJSW 90.9 AB Calgary Local info, v.poor au-1514 KMTS 92.7 CO Clemwood Springs w/wx SCA
 dio, phone # 283-0011.
                                                   1516 KCFR
                                                              90.1 CO Denver
                                                  1519 KYOU 92.5 CO Greely
2300 KDAL 95.7 MN Duluth new stn testing
                                                   1527 KVUU 99.9 CO Pueblo k SCAw/telemetry
JULY 1985
                                                   1530 KJOL 90.3 CO GrandJunction g
1 Es (Ed goofs...Jul 2 Es starts at 1030)
                                                   1532 KVEE 92.3 CO Grand Junction
0930 WRJA 88.1 SC Sumpter
                                                   1540 KOMP 92.3 NV Las Vegas r
                                                   1548 KRAI 93.7 CO Craig singing ID
0930 WLTR 91.3 SC Columbia
1000 WVFJ 93.3 GA Manchester/Columbus
                                                   1549 KSSD 92.5 UT Cedar City
1000 WSVH 91.1 GA Savannah
                                                   1600 WXLK 92.3 VA Roanoke r (diff.dir.)
                                                   1624 KZAN 97.9 UT Ogden k
1652 WKNC 88.1 NC Raleigh
1001 WEAS 93.1 GA Savannah
1019 WAPI 94.5 AL Birmingham
1030 WOID 93.7 MS Biloxi
                                                   1657 WRAL 101.5 NC Raleigh
1033 WHOD 104.9 AL Jackson k
                                                   1700 WGNI 102.7 NC Wilmington
1038 WKOR 92.1 MS Starkville
1044 WEEZ 99.3 MS Heidelburg
                                                   1708 WRLT 92.3 NC Asheboro (same satellite
                                                   music as WTBX 93.9 MN Hibbing!!!)
1045 WJMG 92.1 Hattiesburg
                                                   1710 WTQR 104.1 NC Winston-Salem
1048 WIXY 93.5 MS Bay Springs
                                                   1714 WMMO 102.1 NC Reidsville g
1051 WOKK 97.1 MS Meridian
                                                   1728 WDSC 92.9 SC Dillon (o/"local" WSCD)
1053 WDLT 98.3 AL Chickasaw
                                                   1735 WBBO 93.3 NC Forest City
1056 WPMO 99.1 MS Pascagoula
                                                   1800 WFAE 90.7 NC Charlotte
1059 WHIL 91.3 AL Mobile
                                                   1801 WOAK 90.9 GA LaGrange g
1100 WOST 92.5 MS Forest
                                                   1813 WSSL 100.5 SC Gray Court
1105 WOSM 103.1 MS Ocean Springs
                                                   1900 WMHK 89.7 SC Columbia
1110 WWYN 98.3 MS Carthage
                                                   1956 KIVY 92.7 TX Crockett
                                                   2002 KFMK 97.9 TX Houston
1115 WJMI 99.7 MS Jackson
1120 WYLD 98.5 LA New Orleans
                                                   9 Es
                                                   1139 KRST 92.3 NM Albuquerque "Crest-FM"
1123 WRNO 99.5 LA New Orleans
1126 WWNO 89.9 LA New Orleans
                                                   15 Es
                                                  0941 WTTS 92.3 IN Bloomington 94.3 WDEF 92.3 TN Chattanooga
1130 WLIN 95.5 MS Jackson
1135 KROK 94.5 LA Shreveport (& SCA Muzak)
1155 WWAV 102.3 FL Santa Rosa Bch "WaveFM"
                                                   1005 KVRP TX Haskell 95.5
1200 WMMK 92.1 FL Destin "K-92"
                                                   1015 WEZK 97.5 TN Knoxville
1220 WPAP 92.5 FL Panama City
DX FROM HOME AT BLOOMINGTON MN:
                                              2010 MOOT 100'E MY Take tackers
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MARCH 29 1985 Tr	2010 KGOL 107.5 TX Lake Jackson g
1900 KGAC 90.5 MN StPeter/Mankato (new stn)	2020 KYKS 105.1 TX Lufkin
APRIL 15 1985 Tr	2021 KFMK 97.9 TX Houston
1700 KDOG 96.7 MN Mankato "all hits, 97	2023 KYKZ 96:1 LA Lake Charles
Rock" new stn to air.	2032 KDBH 97.7 LA Natchitoches k
JULY 1985	2041 KYKR 93.3 TX Port Arthur
30 Es	2045 KQXY 94.1 TX Beaumont (w/SCA Muzak)
1948 KSSR 96.5 TX Houston "97 Rock"	31 Tr
1952 KKMY 104.5 TX Orange	2358 KDAL 95.7 MN Duluth (new stn in old
2000 KHCB 105.7 TX Houston g	hometown)

This year has not been a great one for DX. I have spent a good deal of time at the cabin in Northern Minnesota with the TV running day-long on ch.2, looking for signs of Es. It's surprising how many days in June and July were completely free of Es. The time spent at the cabin, of course, means less time to DX at the home location in Bloomington; however the band there is so full of local stations that it is difficult to get much anymore. The Es opening JUNE 10 early morning was noted at 2345 the 9th (Sunday). I was watching ch. 3 (30 miles away) and noticed interference rapidly building. I switched around low-band TV which was active. Went to FM and have reported the results. The CKUA-FM stations were all // (parallel) and I got a lengthy s-off with all stations being listed. For your info, CKUA #s 1-13 are in \$tereo, 100kw, with h & v radiation. Most Canadian stations are sure tough to ID; I wish you had a top-of-the-hour legal ID in Canada as we have in the states. Regards, John Ebeling. (Don't complain, you caught their (CKUA's) network list, probably given only at s-on & s-off. Best time for an Es to Canada is at 0500-0630 and 0000-0100. and you did it. See Frank Merrill's comments. In all seriousness you have a point .- saul, your editor in the frozen Northlands of Canada where stations don't have to ID, eh!) (Turn...)

N.W. at 25'. CDT time used. Present FM to	tals: 360 logged.
JUNE 1985	JULY 8 Tr
9 Es	0732 KDSU 91.9 ND Fargo 235
2045 CFCR 98.9 AB Red Deer ID 109	0 0737 KFNW 97.9 ND Fargo 235
2050 KZIN 96.3 MT Shelby "Z96" 92	5 0740 KNOX 94.7 ND Grand Forks 290
22 Es	0757 KCGN 101.5 MN Ortonville 175
	0 1800 WVCX 98.9 WI Tomaw g 140
2100 CBBC 91.7 AB Lethbridge 98	5 2221 WKFR 103.3 MI Battle Creek 425
23 Es	8 Es
1104 KQRK 92.3 MT Ronan 102 1115 KIOK 94.9 WA Richland lcl ads 127	5 1735 WLTY 95.7 VA Norfolk r 1020
1115 KIOK 94.9 WA Richland 1cl ads 127	0 1736 WCMS 100.5 VA Norfolk k 1020
1133 KZIN 96.3 MT Shelby MTnx 92	5 1815 WNRN 94.9 VA Virginia Beach "Winner"1035
1139 CBBC 91.7 AB Lethbridge //CBR 102.1 98	5 1833 WKNC 88.1 NC Raleigh 9/0
1141 KCLK 94.1 WA Clarkston 116	5 1844 WPVR 94.9 VA Roanoke 850
1157 CKUA 2 99.3 AB Lethbridge 98	1833 WKNC 88.1 NC Raleigh 970
1204 CJAY 92.1 AB Calgary 107 1213 CHFM 95.9 AB Calgary 1cl ads 107	0 9 Tr
24 Es	14 Tr
1519 KRYS 99.1 TX Corpus Christi 121	5 0034 KMGM 105.5 MN Montevideo 135 5 0120 WMJA 92.1 WI Spencer (new stn) 130
	0 0231 KBJJ 107.1 MN Marshall "K-107" 145 0308 KSEZ 97.9 IA Sioux City 240
JULY 1985	
3 GW-Tr (another new-to-air)	<u>21 Tr</u> Ω <u>0135 KNEN 94.7 NE Norfolk</u> 300
	0 0135 KNEN 94.7 NE Norfolk 300 0147 KEXL 106.7 NE Norfolk 300
7 Tr-GW (more new-to-air)	
	55 0153 KFTX 92.1 IA Fort Dodge "Kicks-92" 175 0200 KZEV 103.1 IA Clear Lake "Rock-103" 125
2317 KDOG 96.7 MN North Mankator 7	
COMMENTS: So far this summer, Es & Tr	0206 KROA 95.7 NE Grand Island 390
	and not been exected by This report paying

Equip: GE Superadio w/ whip; Pioneer SX-850 w/ Winegard CS-7080 VHF-UHF-FM antenna pointed

have been appearing on a regular basis but have not been spectacular. This report period did vield 3 new states (WA MT VA) & AB for a new province. I also got many new stns by Tr. I was excited to log WA since it was further west than anything I'd logged previously. Hopefully OR NV & CA stns will arrive soon! The morning & evening of JULY 8 were great for Tropo; FM and TV was alive with ND, SD, NE ... areas not often logged here, and southern IA, northern WI. If I didn't have to go to work that day, I'm sure my results would have been better. (call in sick-saul); and Es that day from VA & NC to top it off! Looks like the Es action is over for a while (hopefully only until next season-saul) but I'm looking forward to the traditional (at least in these parts) great tropo that always occurs in late August & early September. Hope the rest of you see it too! 73's.Pat.

JOHN L. RIEGER - 1586 S.82nd St. - West Allis 53214-4421 Panasonic RF 2200 w/whip. WISCONSIN

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JULY 2 1985 Es (hot opening)
                                                 COMMENTS:
1301 KSBJ 88.1 TX Humble g (contemp X-tian)
1302 KABF 88.3 AR Little Rock poor but clear ID This was a welcome opening, especially
1305 KUHF 88.7 TX Houston noon nx, in well
1419 WOVV 95.5 FL FtPierce SOL mx (soul?-saul)
1422 WCKS 101.1 FL Coral Bch "CK-101", promo
                                                 help other DXers:
1431 WSSP 104.1 FL Cocoa Bch "Whisper-104" b
1434 WBJW 105.1 FL Orlando "BJ-105"
1441 WKGR 98.7 FL Ft Pierce rp "KCR"
1452 WWKA 92.3 FL Orlando "K-92-FM" k
                                                 Rivers/Manitowoc (oy-veh-saul) is now on
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PATRICK DURKIN JR. - 2401 Wimbledon Dr. - Woodbury MN 55125

after a dismal 1984 and lousy 1983. Now have logged 317. In other local notes to WYCO 107.9 WI Wausau is now on w/ AdCon (r)

via satellite (SMN). WKTT 103.1 WI Sheboygan/Cleveland/Two

with automated k, a "T-103" slogan, but

not a non-IDer. That's about it, if other dx occurs I'll report. John L. Rieger. (John, were you responsible for a DX test of WAWA? Your name is familiar, you may have even signed the verie. Another WI 1590 stn was even testing simultaneously - a memorable event-s)

BOB SMOLAREK - RD#1 - Box 63 - Whitehouse Station 08889			
FEBRUARY 1985		MAY 15 Tr co	nt¹d
12 GW-Tr (WLEV off-air)	7 GW-Tr (WIOQ 102.1 off-air)	0933 WQKX 9	4.1 PA Sunbury
		1000 WHDG 10	3.7 MD HavreDeGr.
1733 WSRS 96.1 MA Worcester	1610 WEEE 89.5 NJ Cherry Hill b	1030 WWIIN 9	5.9 MD GlenBurnie
24 Tr	8 GW-Tr (WSTW off-air)(93.7)	26 GW-Tr	
	0006 WMYK 93.7 NC Elizabeth City		0.5 MA Worcester
MARCH 1985	0101 WRXL 102.1 VA Richmond	JUNE 1985	
16 Tr	19 GW-Tr (WPST off)	8 Tr	
0900 WXTR 104.1 MD La Plata	1900 WNCQ 97.5 NY Watertown	0500 wccar 9	3.7 MA Lawrence
24 GW-Tr (WLEV off-air)	MAY 1985	more next pa	ge
1514 WJYE 96.1 NY Buffalo	15 Tr 0930 WCTX 92.1 PA Palmyra	•	· // /

JULY 8 Es cont'd 1939 KKRL 93.7 IA Carroll 1940 KMGK 93.3 IA DesM. (Bob, your 1st Es relog)

July 1 was a pretty good day for Es, but it paled in comparison to July 8, which I thought was fantastie. I want to thank Joe Fela for tipping me off on the July 8 opening. This is my first year for chasing Es and I've heard 31 Es stations.

(You did better than me in my 1st year of Es. MUCH BETTER, keep it up 'n' report it-saul)

JULY 1985	JULY 13 Tr
2 Es (At Wilkes Barre)	0012 WKFM 104.7 NY Fulton dance & soul mx
1400 WYNF 94.9 FL Tampa r	0023 WWWT 101.7 NY Owego
1415 KADL 94.9 AR Pine Bluff farm rep'ts	0047 CFMK 96.3 ON Kingston
1430 WMC 99.7 TN Memphis r "FM-100"	0935 WSFW 99.3 NY Seneca Falls r
5 Tr (holiday visit to Thornhurst, 10	0943 WSHH 99.7 PA Pittsburgh("Wish"?-ed)
miles away, w/FM4G & ampl.)	1501 WDCX 99.5 MY Buffalo "WDCX 99ers" bb game!
1136 WHYN 93.1 MA Springfield r	20 Tr
1145 WZOU 94.5 MA Boston r ex-WCOZ	0215 WCMF 96.5 NY Rochester (WPEL off as usual)
1151 WKSS 95.7 CT Hartford r	0229 WYLF 95.1 NY Bristol Center b weak
1224 WAAF 107.3 MA Worcester in well w/	1000 WDST 100.1 NY Woodstock fair, 1st time ever
feature "Noontime Workforce" (Isn't that	from Wilkes-Barre; not on 102.3 yet.
prgm produced by Radio Moscow?-s.c.)	1006 WGFM 99.5 NY Schenectady r weak
2100 WQLN 91.3 PA Erie	21 Tr
2200 WXXI 91.5 NY Rochester	0706 WKPQ 105.3 NY Hornell strong r
8 Es (Back in Wilkes-Barre)	0721 WNBT 104.5 PA Wellsboro r strong
1827 KDBQ 96.9 KS Pittsburg "QuickRock"	0834 WUWU 107.7 NY Wethersfield polka mx
1837 KICT 95.1 KS Wichita "T-95"	25 Tr
1936 WOW 94.1 NE Omaha ex-KOWH thruWQKX	0819 CKBY 105.3 ON Ottawa 0800 news & nxtip #
1937 KEFM 96.1 NE Omaha no CID (?~saul)	COMMENTS: Nothing really exciting yet this
1949 KNEN 94.7 NE Norfolk	year but it is early. I'm hoping for some
10 Airplane Scatter	and Marris war then countly a thic man
2130 WEZS 103.7 VA Richmond "R's easy 104 FM"	Reporting long distance skip isn't all that

exciting to me anymore but some nice long haul tropo is a different story. No Au DX at all this year & Es is in rather short supply, possibly just a smudge better than 1984. Much more skip though, on TV channels 2 & 3 than last year. I hope for some good tropo catches to report to you next month.

ALAN I. MICHALEK - 227 Redlands St. - Springfield MA 01104 Panasonic RF 2900 wwhip antenna

JUNE 1985	JULY 8 Es
7 Es	1818 KTXR 101.5 MO Springfield
1605 VOCM 97.5 NF St.Johns	1823 KKUZ 102.5 MO Joplin
1615 CIOZ 96.3 NF Marystown	1828 KIRK 103.7 MO Lebanon
1632 CBAF 1694.3 NF Port-au-Port FF	1843 KZZC 98.9 KS Leavenworth "ZZ-99"
1650 CBTB 97.1 NF Baie Verte	1900 KANU 91.5 KS Lawrence "92-FM"
1708 CBYP 89.5 NF Portland Creek	1908 KSKG 99.9 KS Salina "99-KG"
1900 CBYM 98.7 NF Mt.St.Margaret	1920 KVGB 104.3 KS Great Bend "K-104"
22 Es	1935 KMGO 98.7 IA Centerville "99Country"
2132 WMPR 90.1 MS Jackson	15 Es
JULY 1985	2024 WWKA 92.3 FL Orlando "K-92-FM"
2 Es 1053 WOKK 97.1 MS Meridian	COMMENTS: I came home from work on June 7 to find band
	open to NFLD. Also heard what sounded like CBC (weak)
1055 WJTT 94.3 TN Red Bank "JET-94"	on 97.9. 101.7 (EE?-saul); and FF 100.1 CBSI17 tent.,
1058 WMPR 90.1 MS Jackson	103.5 CBSI16 t, 105.1 ??, & 101.5 EE CBMT tthe last

four in PQ. On JULY 8...106.5 w/ "the new Kiss-FM" QTH ???. JULY 15 94.3 "Carolina's hottest FM station" again QTH unknown. Had Es on a few other days, didn't last long, but no clues to what was in. 73s, Al. (Nice chatting on phone when I was in area, Al...-saul) 16

ROBERT S. ROSS - Box 4373, Stn.C - London ON N5W5J2 (VE3JFC)			
JULY 1985	JULY 19 Tr		
8 Es	0635 WEMU 89.1 MI Ypsilanti 140		
1836 WMPR 90.1 MS Jackson 875	21 Tr		
13 Tr	0415 WBZZ 93.7 PA Pittsburgh 150		
0220 CKNX 101.7 ON Wingham testing 80	0415 WBLK 93.7 NY Buffalo 120		
0300 WIOT 104.7 OH Toledo 150	24 Tr		
0231(?) WKSG 102.7 MI MtClemens "KissFM" 80	0301 WKIR 99.9 OH Toledo 150		
14 Tr 1830 WDTR 90.9 MI Detroit 120	2110 WCVJ 90.9 OH Jefferson 150 25 Tr		
1830 <u>WDTR</u> 90.9 MI Detroit 120 1902 WREO 97.1 OH Ashtabula 100	0355 WQQD 93.3 OH Youngstown 140		
15 Es 100	27 Tr		
1130 KRCS 93.1 SD Sturgis-RapidCity 1125	0243 WAUP 88.1 OH Akron 125		
1136 KBHE 89.3 SD Rapid City 1125	0256 WCSB 89.3 OH Cleveland 100		
1200 KILI 90.1 SD Porcupine 1100	0315 WRUW 91.1 OH Cleveland 100		
18 Tr			
0701 WHOT 101.1 OH Youngstown ex-WSRD 140	Tr still not very good yet; managed to get		
2030 WNCI 97.9 OH Columbus 225	WUPE out of IN (Rob, that's not an ethical		
2100 WUPE 88.1 IN Kikhart 260	way of DXing, I hope you'll return their		
2110 CKEZ 93.9 ON Windsor (not CFXX) 120	station to them-saul)-best to date this summer.		
	Es dropped off after July 15th. 73, Rob.		
BILL NOLLMAN - Box 184 RFD#1 - Fitchville CT	JULY 29 Tr		
JUNE 8 1985 Tr	1858 WAYV 95.1 NJ Atlantic City		
1431 WABK 104.3 ME Cardiner	1859 WUSL 98.9 PA Philadelphia "Power99-FM"		
JULY 1985	1859 WJBR 99.5 DE Wilmington		
7 GW-Tr	1900 WIOQ 102.1 PA Philadelphia		
1644 WBAZ 101.7 NY Southold	1903 WMGK 102.9 PA Philadelphia "Magic-103"		
19 Tr	1904 WAPP 103.5 NY Lake Success "N.Y.'sApple"		
2024 WNVZ 104.5 VA Norfolk 405	1904 WRCN 103.9 NY Riverhead "Rockin'-104"		
2026 WQHQ 104.7 MD Ocean City "2Q-105" 280	1906 WSLT 106.3 NJ Ocean City with "Gus the		
2031 WESR 103.3 VA Onley 330	Weatherdog"		
2032 WCMS 100.5 VA Norfolk 405	1914 WKSZ 100.3 PA Media "Kiss-100.3"		
2039 WKHI 99.9 MD Ocean City "100-KHI" 280	1918 WSTW 93.7 DE Wilmington		
2041 WNOR 98.7 VA Norfolk 405	1920 WMR 93.3 PA Philadelphia		
2046 WIQE 99.3 NJ Pleasantville "Lucky99.3" 2100 WAYV 95.1 NJ Atlantic City 205/205	1930 WADB 95.9 NJ PointPleasant 1930 WFIN 95.7 PA Philadelphia		
2100 WAYV 95.1 NJ Atlantic City 205/205 2105 WAYK 93.7 NC ElizabethCity "K-94" 440	1932 WWDB 96.5 PA Philadelphia		
2109 WORM 92.7 NJ Toms River 160			
2118 WOWI 102.9 VA Norfolk 405	WFIN: "Your station in the Delaware Valley		
2125 WWDE 101.3 VA Hampton "2WD" 400	for classical music, WFIN AM & FM in Philadel."		
2130 WNRN 94.9 VA Va.Beach "Winner-95" 400	COMMENTS: June & July were as busy as possible		
2136 WOVR 98.3 NJ Ocean City 215	with scanner & TV Es, & recently UHF Tropo.		
2143 WSLT 106.3 NJ Ocean City 215	This report covers some real nice FM tropo.		
EITH) MILLI TOOS) NO OCOUN OIG	The report of the rest of the		

had WNOR-VA with an FM dipole on his stereo 20 miles W. of me in Colchester CT. He was estatic! The real shocker was JULY 29 with FULL SCALE (5-plus) signals from assorted NJ & PA stations. I was rather happy to fill in some of my Philly empties. - Bill Nollman

2219 WKRE 107.5 VA Exmore "K-Country-105"340 On JULY 19 the great VA catches surprised me.

A friend called called around 2100 & said he

BRUCE F. ELVING - Box 24 - Adolph MN 55701-0024

KEARNEY NE: THE FINAL CHAPTER (log closes at 691 stations during 53 years)

JUNE 10 1985 Es: WTGA-95.3 GA Thomaston, WDAX-95.3 GA McRae, and WABE-90.1 Atlanta. WABE previously heard w/SCA only but now main carrier ID at 1730. JUNE 23 Es: WNCM-88.1 FL Jacksonville.

---and then, with tears in my eyes (Bruce, I hope you don't mind my making things more dramatic-saul), I took down the 10-element Antennacraft antenna & loaded it into a U-Haul truck. We left behind a 20' section of steel mast which was too long to take, and which would not come apart. (Pass the Kleenex-s)

DULUTH MN: (Bruce, one of my main Tr paths is up WI to Thunder Bay, twice in two summers. and well up that way a few other times; have you ever had much down my way from there? See my report if I get to it this month; if not, next month-saul) We've bought rural acreage - 34 acres; and a house N.E. of Esko, or 22 Kilometers WSW of Duluth, so I'll add to the Duluth logs, I've an antenna at my in-laws, north of Adolph, and one at my mother's near downtown Duluth. I may remove antennae at Weldon's north of Adolph, as I can get evrything there here. I re-installed the Antennacraft at a point behind the peak of the house for aesthetic reasons. It does quite well, & may increase height. I'm still using my 1969 Fisher 500TX as main rcvr. The following mainly from rural Esko: (turn) JULY 8 Es WCPE-89.7 NC Raleigh at 1800; also Tr: KMOJ-89.9 MN Minneapolis, KBHI-103.9 MN Osakis, KDAI-95.7 MN Duluth (new local), K203AN 88.5 Moose Lake MN - verified as a 1-watt xltr of KDNW 90.5 Duluth, at 32 miles. JULY 17, with a rare off-the-air by WHSA 89.9 Brule WI, I got: KRPR Rochester MN - a student-run stn. Their director wrote me that KRPR left the air immediately thereafter & wasn't te'be back till September. KGAC 90.5 MN StPeter thru KDNW often possible from here by rotating antenna properly.; KDSD 90.9 SD Pierpont, KLZC "EZ-96" in \$tereo in Crookston MN.

(Bruce, WRIR-MY...I can't tell if it's \$tereo, can anyone out there? Bruce Wants to know

(Bruce, WRHR-NY...I can't tell if it's \$tereo, can anyone out there? Bruce wants to know. I've no stereo indicator and I'm not too close to Rochester (115 miles air). I do know they go off at night, carry almost all(maybe all) Rochester Red Wings baseball games, as does WGMC-90.1, etc..., and I've heard ads run during the games...ads on 90.51-saul) (Bruce, as soon as I compiles lists, I'll send you slogans I've heard, call changes, like 89.1 WFZ Syracuse NY using "Z-89" & p format, heard here a bit, though weak-s)

AN EDITOR WHO IS LATE WITH HIS COLUMN BECAUSE HE PORCOT ABOUT IT DURING 5 days of SUPER Tropo From Burnt River ON:

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JULY 1985
18 Tr (cont'd from last month)
2330 WUOM 91.7 MI Ann Arbor ID s-off
2336 WBLV 90.3 MI Twin Lakes j
19 Tr (SUPERTROPO CONTINUES)
0023 WYEN 106.7 IL Des Plaines "106-WYEN"
0030 WIDL 104.9 MI Caro
0100 WEMU 89.1 MI Yosilanti i
0105 WEKU 88.9 KY Richmond UPInx s-off
0200 WILL 90.9 IL Urbana
0201 WGTE 91.3 OH Toledo
0224 WKIQ 94.5 MI Holland
0230 WKEE 100.5 WW Huntingdon "The river
 City's Hit-100...Key-100" r
0300 WVPB 91.7 WV Beckley WV Public Radio
0301 WNP 89.9 WW Wheeling WW Pub. R.
0323 WKWK 97.3 WV Wheeling w "97-WK"
0324 WJFM 93.7 MI Grand Rapids r "All hits"
0330 WVPW 88.9 WV Buckhannon WV Pub. R.
0600 CBOF-988.7 PQ Chapeau (caught sleep!)
JULY 30 Es
2001 W??? 90.7 FL Panama City
2031 KYKZ 96.1 IA Lake Charles
2045 KSBJ 88.1 TX Humble "88-FM" g
2130 WCVJ 90.9 OH Jefferson g
AUGUST 1985
0131 WEMU 89.1 MI Ypsilanti i
7 Tr
1706 CBF 100.7 PQ Montreal FF-CBC-$
1724 CJFM 95.9 PQ Montreal EE
1730 CBOF 9 88.7 PQ Chapeau CBC-FF-mono
1731 CHIM 103.5 PQ Valid'Or
1911 CITE1 1027 PQ Sherbrooke FF m
1956 WEZG 100.9 NY NorthSyracuse b
0000 WSKG 89.3 NY Binghamton s-off
0130 unID 100.7-9 "WFMO" r ???????East
\frac{9 \text{ Tr}}{0005} WSUE 101.3 MI SaultSteMarie k
0713 WMHT 89.1 NY Schenectady
10 Tr
0105 WBNY 91.3 NY Buffalo p
0715 WKAL 95.9 NY Rome
10 MS (5 min. burst, not Es)
2027 KKKX 95.7 KS Ottawa
11 Tr (more great tropo!)
1619 WRKR 100.7 WI Racine r
1637 CBF 100.7 PQ Montreal
1640 KSHE 94.7 MO Crestwood ID & QTH.
(slight chance this MS but doubt it)
2334 WCLT 100.3 OH Newark "T-100"
12 <u>Tr</u>
0059 WWSW 94.5 PA Pittsburgh "3WS" r
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-	112 : ender about it bondare y days of Soffat Propo
	Laterana and Control
	AUGUST 12 Tr (cont'd) 0100 WOSU 89.7 OH Columbus APnx s-off0107
	0100 WOSU 89.7 OH Columbus APnx s-off0107
	0222 WNCO 101.3 OH Ashland k
	0630 WSKG 89.3 NY Binghamton
	0653 WCLH 90.7 PA Wilkes Barre "90.7-FM"
	0654 WKSB 102.7 PA Williamsport 0659 WJPZ 89.1 NY Syracuse pr
	0659 WJPZ 89.1 NY Syracuse pr
	1907 WRKR 100.7 WI Racine r "OneDoubleOhSeven"
	2323 CJFI 99.9 ON Sarnia "FM=100" rm
	2324 WSAQ 107.1 MI Port Huron
	14 Tr
	0330 WRUW 91.1 OH Cleveland (finally!) 0500 CBOF 9 88.7 PQ Chapeau
	CET TUTS this EE COC
	GET THIS, this FF CBC was running off the ENGLISH NETWORK, BEWARE DXers************************************
	15 Tr
	2043 CBF 100.7 PQ Montreal
	2100 GBOF9 88-7 PQ Chapter I must be getting
	tired I made the same error twice in the same
	place!!!!!
	2100 CBOF 7 102.1 ON Brockville
	2310 CBCW 98.5 ON Whitney finally able to
	isolate from 98.7 CBC station:
	2320 CJMF 94.3 PQ Montreal FF r
	16 Tr
	0215 CBM 93.5 PQ Montreal (CBCL,CBCP off)
	22 MS in car near here
	0845 CBON 20 89.3 ON Thunder Bay prev. by Tropo
i	& once possibly by Es though not counted.
	First ever MS ID in my car & first ON MS.
1	23 Tr
Ì	0720 CFQR 92.5 PQ Montreal EE bm
į	0730 CKOI 96.9 PQ Verdun "C'est Quoi" FF
i	26 Tr
	0730 WSKG 89.3 NY Binghamton NPR
ı	1343 CITE1 102.7 PQ Sherbrooke FF "Cité-Un.
i	Cent-Deux virgule Sept" virgule means comma
ı	as the PQ folks use 102,7 not 102.7
ı	1344 CKOI 96.9 PQ Verdun FF r
I	1344 CKOI 96.9 PQ Verdun FF r 1345 CIEL 98.5 PQ Longeuiul FF
I	1425 CKMF 94.3 PO Montreal FF m
١	1500 CFQR 92.5 PQ Montreal EE m
1	27 Tr
ı	0800 CFTI 92.1 ON Timmins k
١	0801 CBON 25 97.1 ON Timmins
١	28 Tr (CHAY off or weak or)
Í	0032 WNTQ 93.1 NY Syracuse "93Q" r
ļ	0042 WZAK 93.1 OH Cleveland
1	0127 WMHE 92.5 OH Toledo
1	0222 CHAY 93.5 ON Barrie drifted during re-
1	Dairs, on other side of WWSE-93.3. shocked mat
ı	1438 "Cruise 92" 92.1 to West; Bad Axe MI?
١	29 Tr
ļ	1545 WZAK 93.1 OH Cleveland (more CHAY offair)
Ì	SUPER TROPO SEPT 1-5: WI IN IL MI ON PQ, next mo



Technical TopiX

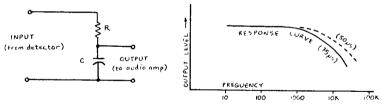
BROADCAST DE-EMPHASIS

Q: What is pre-emphasis in radio broadcasting, and what is the switch on my AM/FM receiver actually doing?--it is labeled 25 μ s and 75 μ s.

A: In broadcasting, it is recognized that noise is a persistent problem which, hapefully, can be largely overcome with stronger signals and near-100% modulation. By modulating a signal "louder," it is raised above the noise floor that much more than a "softer" signal-an improvement in signal-to-noise ratio. If made too much louder, overmodulation occurs, which produces audiable distortion. Naturally, one wants one's FM signal to be as "hi-fi" as possible, so the compression techniques used by AM broadcasters are undesirable. Thus, pre-emphasis is used in broadcasting.

Actually, pre- and de-emphasis work together as a team. At the transmitter, the audio is passed through a pre-emphasis (=equalization, or tone control) circuit that boosts the treble frequency content of the program source. At the receiver, a complimentary de-emphasis circuit cuts treble an equivalent amount so that the resulting audio response curve is flat. Since the noise is equal at all frequencies, and since the circuits cannot differentiate between the audio and the noise, any noise picked up in the atmosphere and in the receiver is cut the same amount as the treble notes. Ingenious, wouldn't you say? (Dolby "b" tape noise reduction achieves an increase of 10dB S-N ratio by this method.)

Pre-emphasis is applied to the audio range above 4000Hz, and is specified by time. In the US, standard pre/de-emphasis is 75µs; in Britain it is 50µs. By "75µs de-emphasis," we mean that the time constant of the de-emphasis circuit in the receiver is 75µs. The time constant defines the frequency response of a filter such as the simple RC circuit shown below. The response curve appears also, showing how the filter's output level falls as frequency increases. Suitable values of R and C would be such that their product is equal to the time constant. (For 75µs, a combination of .001 uF and 75 k would work.) A shorter time constant will allow higher frequencies to pass with less attenuation.



Some tuners have included de-emphasis switches, and no doubt the reader owning such a tuner has discovered that by placing the switch in the 25 us position, a noticeably "brighter" sound is obtained. Of course, this is analogous to playing back a Dolby-encoded tape without Dolby; in either case, the degraded signal-to-noise ratio may be found acceptable, especially if the audio amp is not the best to begin with.

73, Tim McVey Rt. 3 - Box 568 Bolivar, TN 38008-9556

Danny Buntin 1312 N. Skyline Stillwater, OK 74075

For FM Dx reporters from: AL, AZ, CA, CC, DC, DE, FL, GA, KS, KY, LA, ND, NC, NM, NV, CK, SC. TN. TX. UT. VA & WV. Happy DXing!

'85's Es SEASON TURNS OUT LITTLE BETTER THAN '84 FOR MOST

Well, judgeing from the reports received over the summer the '85 skip season turned out a bit better than dismal '84, so that's not saying much. Trop has been somewhat active since July with openings going out to 500+ miles, such as the Aug. 21-22 trop. apparently associated with a hurricane as reported by a new Alabama reporter. And the August Perseids did not get by without a few reported ms loggings.

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Bill Townshend, 4500 Conn. Ave. NW #901, Washington, DC 20008 EDT 202-966-8046
7/29 tr
0811 WWDB 96.5 PA Philadelphia
                                               7/29 tr
0848 WICQ 102.1 PA Philadelphia
0814 WDAC 94.5 PA Lancaster, g
                                               0850 WZGO 106.1 PA Philadelphia, ex-WWSH
0821 WDAS 105.3 PA Philadelphia
                                               0922 WLAN 96.9 PA Lancaster
0823 WSNI 104.5 PA "
                                               0924 WPST 97.5 NJ Trenton
                                                                                         156
1842 WMMR 93.3 PA
                                               1145 WMGK 102.9 PA Philadelphia
0844 WYSP 94.1 PA
                                               8/20 tr
0801 WRAL 101.5 NC Raleigh
0847 WKXW 101.5 NJ Trenton
                                      156
  The WRAL catch eclipses by 20 miles my previous record of 215 mi. on 10/22/81. WLIR
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92.7 Garden City, NY on Long Island(Nassau County). WRAL was heard on my Portavision-55 just before I went upstairs to work. It's been a lousy year for tropo here. Stations heard by states; MD 41. VA 32. PA 21. DC 12. NJ 6. DE 5. NC 3. NY 1. and WV 1. Total 122. Maybe we'll get some halfway decent tropo before Fall really sets in. 73's.

Keith Pugh, 227 Martin St. New Hope, AL 35760 6/7 to 9/4

I just joined WTFDA in July and really like it! I haven't been DXing long; I started in June '83 when I picked up my portable and found the local stations being overlapped by Colorado FM's. Not having an outside antenna at the time, this was probably the strongest skip signals I've witnessed. The July 2, 1985 opening to No. and So. Dakota was similiar, but with the outside antenna and amp in use. I had received skip before 1983 though, two Canadian stations in Dec. 1980 and in June 1981 openings from all directions, RI, MN, NY, then to KS, CO, ND, SD, TX and one MO station, 103.3 KMOX. Also my most distant catch was on 6/12-81, 94.9 KUOW, Seattle, WA. Back then I kept my log by putting check marks and dates in the McIntosh catalog that included the FM directory. In March 1983 I bought a JC Penney portable "Jam Box" and was surprised by the selectivity it had. I've been using it ever since. I put up an archer 6-element in Sept. '83 and started using an Archer 18 db amp. That made the JC penney DX ready. But I'm looking forward to someday owning the Accuphase T-106 or Carver TX-11.

My report starts with the first Es this season. It's been pretty good compared to last year's flop. Many unID French stations on June 7th and 14th that's not included in the report The E-skip seems to have left as of July 29th. The tropo on Aug. 21 and 22 may have been caused by the remains of Hurricane Danny. Elena hasn't generated any results. Arkansas stations were giving very strong signals at the time I noticed the opening at 1715. With antenna turned east KHLT was over WQXI Atlanta. After the fadeout at 2000 the same Arkansas stations logged earlier were back in. I took the last log at 1053 8-22 on 91.3 because there wasn't any new stations left. The overall opening didn't fade until 1530 Aug. 22. Well, now to wait for some more trops, E-skip is gone. Trops havn't happened very often here. 73's. [Ed. note: Welcome to WTFDA and Southern FM DX. Keith. I'm glad to know that you have aspirations for a better receiver. I think too many of the newer DXers have insisted upon using cheap equipment and with little wonder soon forget the hobby. I feel, in the hobby of FM DXing spending a lot for good equipment is not a bad idea, since once you do, any further expenses in the hobby can be small, so unlike many other hobbies. DB]

<u>6/7</u> Es 1200 WBMT 88.3 MA Boxford, r, ID 1207 WHFC 88.5 ME Bangor, c, ID 1160 1211 WDBX 98.3 ME Waterville, r 1090 1216 WKZS 99.9 ME Bangor, r, ID 1218 WKHJ 92.9 ? k 1233 unID 93.1 Fr. mono 1235 f/outs 1410 KIFO 93.9 CO Colorado Springs, rp ID 1415 KSEC 93.3 CO Lamar, r, ID 930 1416 KANZ 91.1 KS Garden City, c, ID 840

1416 KANZ 91.1 KS Garden City, c ID 1418 KSPZ 92.9 CO Colorado Springs, r.ads 6/14 Es 1233 CBONt 88.1 ON Sault St. Marie, c SHU 1235 CBLt 94.1 ON Toronto, FR c 730 1237 CKNJt 93.1 NB Fredricton, k 1280 1239 WGFB 99.9 NY Plattsburg, rp B100 960 1242 WHJY 94.1 RI Providence, rp, 94-HJY940 1248 CIME 99.5 PQ Ste. Adele, "SEEM" ID 1050 cont.....

SOUTHERN FM DX Pugh, cont. 6/14 Es 7/2 Es 1251 CBF 100.7 PQ Montreal 1012 WKSQ 94.5 ME Ellsworth, r "Kiss-94" 1025 93.9 NY Norwich, area ads 790 1253 CBAF31t 104.7 NS Digby, mono 1029 WKXZ 960 1032 WEZF 92.9 VT Burlington, b. ID 1256 unID 107.5 Fr. S 200 1300 WEZO 101.3 NY Rochester, b. ID 88.3 MI Interlochen, c ID 1035 WIAA 94.7 MI Birmingham, r "Magic 95" 1305 CFMO 93.9 ON Ottawa, mr. ID 1040 WMJC 1053 WLHT 95.7 MI Grand Rapids, 96 lite 565 1315 CKBY 105.3 ON Ottawa, city ID 1056 unID mentioned northern Ontario, mono 1330 CKCU 93.1 ON Ottawa, 93 point 1 ID 1102 WTBX 93.9 MN Hibbing, r. ID 1333 CBON19t 97.3 ON Nipigon, mono 1085 1340 CBCN24 90.7 ON Kapuskasing, ID 1040 1105 KYCK 97.1 MN Crookston, k, ID 6/23 tr 1300 WBKY 91.3 KY Lexington, ID 1109 WMRX 97.7 MN Beaverton, r, ID 665 1119 KQWB 98.7 MN Moorhead, r, Q-98 1065 260 1122 KVOX 99.9 MN Moorhead, K-100, ads 1308 BBW? 91.1 1128 KDAY 93.7 ND Fargo, Y-94 1130 KNOX 94.7 ND Grand Forks, mr. ID 1120 2008 KILO 93.9 CO Colorado Springs 1070 1135 KKXL 92.9 ND Grand Forks, XL-93, ID "K1ol-94" 1139 KBWS 102,9 SD Sisseton, r, B-103 2041 KSIDt 98.7 NE Sidney, b 1010 1120 1152 KKIS 93.9 SD Rapid City, r, ID 6/24 Es 1120 1154 KQAA 94.9 SD Aberdeen, r. ID 1341 KNAU 88.7 AZ Flagstaff, k, wx, ad 1155 KSON 94.1 SD Aberdeen, r. ID 1345 KAFFt 92.9 AZ Flagstaff 1203 KSJM 93.3 ND Jamestown, r, ID 1100 1347 KRKE 94.1 NM Albuquerque 1204 KKRC 93.5 SD Sioux Falls, r. ID 855 1350 f/outs 1280 1205 KMHA 91.3 ND Four Bears, ID 1418 KEZB 93.9 TX El Paso, r. B-94 1212 KPAT 97.3 SD Sioux Falls, r K-pat 855 1419 KFIM 92.3 TX El Paso, r, ID 1213 KODY 94.5 ND Bismarck, k. ID 1165 1420 unID 95.7 "Kiss-FM, r, S, west 1216 KCNDt 90.5 ND Bismarck, c 1422 KGEE 99.9 TX Monahans, K-gee ID 960 1229 KRSDt 88.1 SD Sioux Falls, g 1425 KSTMt 99.9 TX El Paso. b 1230 KNWC 96.5 SD Sioux Falls, g. ID 1428 KTEP 88.5 TX El Paso, c ID 1232 KCMT 100.7 MN Alexandria, KC100, ID 925 1430 KAMZ 93.1 TX El Paso, r, 931, ID1160 1255 KBWH 99.5 MN International Falls, g, ID 1435 XHCUt105.9 CHI Cludad Juares, r\$, SS 1259 WAYL 93.7 MN Minneapolis, b, ID 1442 XHHt 101.7 CHI Ciudad Juares, \$ SS 1300 f/outs 1443 KTZA 92.9 NM Artesia, r, ID 1035 1329 CKEZ 93.9 ON Windsor, b, ID 560 1447 KTXTt 88.1 TX Lubbock, c 880 1160 1330 f/out 1448 KHEYt 96.3 TX El Paso 1358 KKXL 92.9 ND Grand Forks, r. XL-931120 1455 KLAQ 95.5 TX El Paso, r, ID 96.1 SD Watertown, r. ID 1359 KIXX 1457 KLYT 88.3 NM Albuquerque, g. ID 1160 1020 1402 KSDN 94.1 SD Aberdeen, r, ID 1500 KBUY 94.1 TX Amarillo, k, ID 875 1406 KDVL 102.5 ND Devels Lake, c. ID 1180 1501 KRWG 90.7 NM Las Cruces. c. ID 1165 915 1408 KESD 88.3 SD Brookings, c. ID 1160 1510 KSET 94.7 TX El Paso, r,ID 1410 f/out 1522 KCPX 98.7 UT Salt Lake City, r ads 1530 KEPC 90.5 CO Colorado Springs, ID 1416 WMIX 94.1 IL Mount Vernon, ad 290 1532 KSPZ 92.9 CO Colorado Springs, 1070 r, ID 1443 unID 94.1 Spanish \$, f/out 1444 6/25 tr1500 WTBX 93.9 MN Hibbing, r, ID 960 0030 KRNB 101.1 TN Memphis, s ID 1502 f/out 6/27 tr 2240 WKIR 104.1 TN Jackson, k. ID 165 1523 WVUB 91.1 IN Vincennes, c, ID 295 2243 WMC 99.7 TN Memphis, r, ID 235 7/3 tr 1605 WKTG 93.9 KY Madisonville, r, ID 6/28 tr 200 0031 WMBC 103.1 Columbus, k, ID 7/8 Es 1305 WFUV 90.7 NY New York, ID 1101 KNSH 98.7 NM Truth or Consequences, 1310 WHJY 94.1 RI Providence, rp, 94-HJY950 b. ID 1330 WHEB 100.3 NH Portsmouth, r. ID 1015 1103 KRWG 90.7 NM Las Cruces, ID 1165 1349 WYYY 94.5 NY Syracuse, r. ID 790 1120 KRTN 94.3 NM Raton, r, ID 1035 1350 WJBQ 97.9 ME Portland, r, JBQ 1060 1130 KTOM 99.9 NM Clovis, r, ID 1075 1132 KLYT 88.3 NM Albuquerque, g, ID 1160 1351 WABKt104.3 ME Gardener, r 1352 had to leave, too bad, a good opening. 1134 unID 91.1 "T-91", r, west 7/17 tr 1135 KZZX 99.5 NM Albuquerque, r, ID 1160 120 0141 WKOR 92.1 MS Starkville, r, ID 1139 KOB 93.3 NM " 0147 WALX 100.9 AL Selma, r. ID 157 , k, ID 1140 KRST 92.3 NM 7/20 Es 1143 KWSLt 94.1 NM 1132 unID 91.7 Canadian English, mono 1165 1145 KAMZ 93.1 TX El Paso, r. ID 1133 unID 93.7 French, mono 1150 KRKE 93.9 ? rock, west 7/27 tr 1156f/outs. 1330 WHER 103.7 MS Hattlesburg, b. ID 1165 1220 KEZB 93.9 TX El Paso, r, ID 1335 WAAW 103.7 KY Nurray, r. ID 180 1030 1230 KTNT 93.5 NM Ruidoso, r, ID 7/29 tr 1730 WGGC 95.1 KY Glasgow, k, ID 6/30 tr 160 1726 WBBQ 104.3 GA Augusta, ID 265 1745 WIZD 104.1 AL Atmore, r. ID 1911 KKLS 93.9 SD Rapid City, r, ID 1055 1755 KWEZt104.1 LA Monroe, b 1914 KQSYt 95.1 SD Deadwood, r 7/1 Es 8/12 tr1043 unID French 88.3 mono, 93.1 mono 1000 WBMC 103.9 TN McMinnville, r, ID 90 to 101.5 \$, 97.7 \$, 96.3 mono 1013 WCRB 102.5 MA Waltham, calls, cont.. 980 1056 KSJN 91.1 MN St. Faul, c, ID

OCTOBER 1985

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8/22 tr
1054 WKEZ 94.1 VA Yorktown, "spend your day 0020 WBFC 93.5 AR Forest City, ID
                                             0030 KACQ 106.3 AR Hot Springs, k. ID
 with EZ-94. WKEZ..."
                                       568
                                             0037 WARC 103.9 MS Columbus, s, ID
7715 KHLT 94.1 AR Little Rock, K-lite 94 1717 KABF 88.3 AR Little Rock, ID
                                             0205 KTMO 98.9 MO Kennett, k, ID
                                             0240 KVNE 89.5 TX Tyler, g, ID
1720 KSSN 95.7 AR Little Rock, k. Kissing
                                             0300 WJDQ 101.3 MS Meridian, r, ID
                                             0338 KTJJ 98.5 MO Farmington, K.ID
1726 KKYK 103.7 AR Little Rock, r. ID
                                             0652 KSGM 105.7 MO St. Genevieve. ID
 (over local WQEN Gadsden)
                                             0705 KWPM 93.9 MO West Plains, r. ID
1733 KZLE 93.1 AR Batesville, r, 93 -FM, I
1815 KHRK 97.1 TN Memphis, s, ID
                                             0717 WXID 94.7 KY Mayfield, ID
1828 KEZK 102.5 MO St. Louis. b. ID
                                             0745 KHLS 96.3 AR Blytheville, ID
1900 KASU 91.9 AR Jonesboro, c. ID
                                             0823 KUMR 88.5 MO Rolla, c, ID
1905 WSTO 96.1 KY Owensboro, r. 96SDT ID
                                             0830 unID 89.9 "This is PRM" $, ms?
1915 WCIL 101.5 IL Carbondale, r. ID
                                             0837 KISR 93.7 AR Fort Smith, r, Kisser 93
1919 KGMO 100.7 MO Cape Girardear, rp. ID
                                             0850 WIST 94.3 TN Lobelville, ID
1922 unID 98.1 "Y-98-FM oldies, WRAY?
                                             0915-40 AR still in
                                             0915 WJLQ 100.7 FL Pensacola, ID
1936 KLAZ 98.5 AR Little Rock. ID
                                             0918 WCGQ 107.3 GA Columbus, ID. 107-Q
1951 WEBQ 99.9 IL Harrison, ID
                                             0930 WTVY 95.5 AL Dothan, k, ID
1955 KSHEt 94.7 MO Crestwood, rp
                                             0940 WBLX 92.9 AL Mobile, s, ID
2000 f/out
                                              1053 KUCA 91.3 AR Conway, mono, ID
2041 KNOE 101.9 LA Monroe, r. FM-102, ID
2045 KEZQ 100.3 AR Jacksonville, ID
2100 KWOZ 103.3 AR Mountain View, k, ID
2105 KXKZ 107.5 LA Ruston, ID
                                              2200 WPLN 90.3 TN Nashville, c, ID
2113 unID 106.1 "magic-106", r
                                              8/26 tr
2138 WWKZ 103.5 MS New Albany, r, KZ 103
                                              1830 WRVU 91.1 TN Nashville, r. ID
2152 WFTA 101.7 MS Fulton, r, ID
                                              (increased power to 14,500 watts)
2153 WTXI 102.3 MS Ripley, k. ID
                                             9/4 tr
0000 WSOF 89.9 KY Madisonville, g, sign-off
2200 KLRE 90.5 AR Little Rock, ID
2234 KFXE 92.3 AR Pine Bluff, ID
2345 WESE 95.9 MS Baldwyn, b, ID
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John Jefferson, 4016 Crest Ct., Pleasanton, CA 94566
Once again my DX report is overdue. I can only plead extenuating circumstances and throw myself at the mercy of the court. (Better late than never. DB) It's been a rough year, so far, between my mother's death in April and the sale of my former employer to an Omaha firm. I accepted an offer to work with an old friend the night before they laid off half the staff, though I wasn't among the layoffs. Anyway, the skip season was a disappointment (but better than 1984), probably due in large measure to that obnoxious high-pressure area that sat over the New Mexico area through most of the season. However, thanks to the Perseids, I did finally achieve my 1984 goal: logging #800! As always, the MR80 was the tuner, fed by the S/Probe-9 at 55' off the ground. Underlined are new:

dashed underline indicates a new mode.

2/4 tr(semi-local) 2343 <u>KXBX</u> 98.3 CA Lakeport, ads, ID 115 2/21 gw 2400 KDJK 95.1 CA Oakdale, ID (Finally on: CF out since 1979 or earlier.) 2/25 tr 0100 KLKT 100.1 NV Incline Village, ID 140 2/27 ms 0730 KITT 96.3 NV Las Vegas, calls 3/8 tr 1000 XHBA?104.1 BCN Mixicali, Span. cl. 1038 KMML 98.7 TX Amarillo, calls 4/15 tr 0004 KALF 95.7 CA Red Bluff, calls 155 (new freq.) 5/10 tr 1014 K217AM 91.3 CA Ukiah, KCDS ID 130 6/5 tr 0053 KCTR 94.3 CA Cambria, calls 150 0211 kXGC 93.1 CA Arcata, ID at 0500 250

1057 XHHV? 94.7 SN Ciudad Obregon?? 3S, L,

1100 KSNM 98.7 NM Truth or Conseq., ID845

1111 XHFL? 90.7 SN Ciudad Obregon. Right fmt. wrong freq.(not 90.5)-off channel? heard in past on 90.55, so known drifter. 6/10 Es 0810 KDCK 95.5 KS Dodge City, ad DCK 1195 1310 0818 KSKG 99.9 KS Salina 99KG 1260 0819 KHOK 100.7 KS Hoisington, calls 1155 0821 KHAZ 99.5 KS Hays 0835 KABI? 98.5 KS Abilene, m 0849 KHCC 90.1 KS Hutchinson, loc. ref. 1280 0855 KKMG 98.9 CC Pueblo, Magic 99 935 0859 KFDI?101.3 KS Wichita, talk o/KICI 0905 kHUT 102.9 KS Hutchinson 1280 1315 0907 KLZA 97.9 KS Wichita 0943 KVUU 99.9 CC Pueblo, K-View 935 1001 KJCK 94.5 KS Junction City, ID 1340

(John's report will be continued next month and Pat Dyer's report will also be in then. Surprisingly, Pat had no FM Es for Aug, first time ever, though he was away for a few days. Sorry, about the delay in getting all of this month's column out. DB)





THOMAS J. YINGLING, JR. 221 PINEWOOD ROAD BALTIMORE, MD 21222-2345

IV OSL's

WTSG 31 Albany, 1211 Slappy Blvd., P.O. Box 4050, zip 31707. Letter from Tony B. Gainous, CE in 2 weeks. Copy of letter below. Barston

NE WOWT 6 Omaha, 3501 Farham St., zip 68131. Letter from Wayne Goetz, CE in 2 weeks. Elv

OH WNEO 45 Alliance * 275 Martinel Dr., Kent, OH 44240 QSL Card

WEAO 49 Akron * from Luann Worley, Public Information Coordinator with reply in 20 days. Gains

Reporters this time are Paul Gains, Nate Ely & Roy Barstow. This month I'm a little low again on items to type up, so I got an copy of Roy Barstow letter of WTSG-TV ch. 31 in Albany, GR. if anybody else got some NEW FM & IV QSL's would you please send them in for printing the this column. I like to thank all of you that have in the past reported with your QSL information. As you by now should have noticed that I got a new word processor program called Font-Moster which as 16 different printing fants build into it. Wall: enought computer talk and on to this month QSE copy 73's for now.

ALBANY, GEORGIA 1211 Simpley Bird. P.O. Box 4050, Albany GA 31708 - 912435-2100

October 8, 1984

Mr. Roy Barstow P.O. Box 488-T Testicket, MA 02536

Dear Mr. Barstow

We have received your letter of October 2, 1984 inquiring about our programming on September 23, 1984 from 7:20-7:22AM

Your information is correct according to our statio, low.

Sincerely.

Tony B. Barnus

TBG/th

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

October 1985

Deadline: 11- 8-85

If you read the September column, you may recall that I said there would be no column in October due to a problem with the deadline. However, two reports arrived here just after deadline for the September column, so I have typed them up early for October publication.

One report is from Pat Dyer and includes E skip loggings for every date between June 12 and June 30. The other is from William Eckberg and includes many fine tropo loggings including tropo to the east coast and UHF translators out to 365 miles.

BCN - Baja California Norte

CH - Chihuahua GU - Guatemala NL - Nuevo Leon

ES - El Salvador

New Mode ____ Tent. - t Unidentified - unid 5/01 - 7 5/22-8ars - @ Unid Color Bars - % IHTP - ¢ Misc. Test Patterns - &

ID Color Bars - @

William Eckberg, RR#4, Dixon, IL 61201

Log Total: 506 with 34 new

CDT

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

June 1985 8 tr 1208 K54AC 54 MN 303	15 Es 0908 CBFT 2 PQ 812
28 Es 1030 KMID 2 TX 967 (St. James WCCO-4)	0930 CJBRT 2 PQ 1085
	1130 CKSA 2 AB 1206
1130 KIII 3 TX 1072 1300 K57CN 57 MN 225	1153 CKND2 2 MB 752
1200 KRGV 5 TX 1189 (Wabasha KSTP-5)	16 tr 0830 KHNE 29 NE 464
1230 KNMZ 2 NM 972 1330 K69DP 69 MN 365	17 tr 0530 WHNT 19 AL 503
1233 XEFB 2 NL 1282 (Granite Flls WUSA-11)	0628 KHNE 29 NE 464
2130 KNAZ 2 AZ 1258 <u>K62AA</u> 62 MN <u>340</u>	2250 WKSO 29 KY 405
30 tr 0620 WZTV 17 TN 408 (Redwood Flls WCCO-4)	2300 WLJC 65 KY 410
Es 1325 KNMZ 2 NM 972 Es 2130 KIDK 3 ID 1123	18 tr 0500 WHNT 19 AL 503
1355 XEPM 2 CH 1162 tr 2335 W69AB 69 WI 76	0508 WAAY 31 AL 503
1402 WPBT 2 FL 1229 (Darlington WKOW-27)	0510 WZTV 17 TN 408
1403 WESH 2 FL 983 9 tr 0500 WVAH 23 WV 463	0540 WVSB 27 MS 558
0525 WEAO 49 OH 404	0545 KARD 14 LA 651
July 1985 0531 WSMH 66 MI 304	0600 WAEO 12 WI 265
2 Es 1128 WESH 2 FL 983 0545 WPBO 42 0H 389	0635 WCAY 30 TN 408
WFMY 2 NC 641 0730 WSVN 47 VA 483	0725 WSVN 47 VA 483
1205 KALB 5 LA 742 10 tr 0630 KXNE 19 NE 402	2300 WQLN 54 PA 481
1210 WWL 4 LA 813 0635 KHNE 29 NE 464	2310 <u>WQAP</u> 49 MI <u>298</u>
1230 WKRG 5 AL 752 Es 1930 XEPM 2 CH 1162	19 tr 0045 KTHV 11 AR 503
1245 KNMZ 2 NM 972 1935 KMID 2 TX 967	0110 WPGH 53 PA 491
1330 WTVY 4 AL 758 tr 2300 WKSO 29 KY 405	0115 WDCA 20 DC 669
1435 WCBD 2 SC 797 11 tr 0530 WZTV 17 TN 408	0125 KLRT 16 AR 503
1515 KMID 2 TX 967 0540 WAFF 48 AL 503	0130 WAKR 23 OH 404
1525 XEFB 2 NL 1282 12 tr 0525 KSNF 16 MO 413	0150 WBFF 45 MD 677
1625 XEPM 2 CH 1162 0540 KODE 12 MO 413	0200 WFAT 19 PA 549
2030 WBRZ 2 LA 784 0555 KTVP 29 AR 463	0202 WHBQ 13 TN 451
KPRC 2 TX 890 1600 K42AM 42 IA 158	0300 WLCN 19 KY 317
2048 WPBT 2 FL 1229 (Ottumwa LPTV)	0338 WVAH 23 WV 463
2202 KIII 3 TX 1072 1700 WQSC 27 IL 157	0505 WFMJ 21 OH 450
8 tr 0532 KSNF 16 MO 413 2400 W57AO 57 IL 206	0515 WZTV 17 TN 408
(St. James KAAL-6) 13 tr 0010 W67AC 67 WI 76	1100 KXNE 19 NE 402
1035 <u>K56AH</u> 56 MN <u>319</u> (Darlington WHA -21)	1330 KLJB 18 IA 61
(Windom KMSP-9) 0110 <u>K74CZ</u> 74 MN <u>195</u>	25 Es 1145 WTVJ 4 FL 1229
1100 <u>K68BJ</u> 68 MN <u>340</u> (Winona KTTC-10)	1155 WPBT 2 FL 1229
(Redwood Flls WUSA-11) 0140 <u>W83AH</u> 83 WI <u>169</u>	26 tr 0550 KSNF 16 MO 413
1130 WOOW 18 WT 236 (La Crosse KTTC-10)	0645 <u>W64AH</u> 64 IA <u>294</u>
1145 K28AE 28 MN 286 Es 0845 KIII 3 TX 1072	(Clarinda KDIN-11)
(Fairmont LPTV) 0900 WPBT 2 FL 1229	30 Es 1945 KMID 2 TX 967
1200 K58AS 58 MN 340 1000 WESH 2 FL 983	2000 KENW 3 NM 912
(Redwood Flls KELO-11) 1100 KNMZ 2 NM 972	
,	

Western TV DX

October 1985

William Eckberg (continued)

Two tropo openings deserve mention. I had an unusual UHF opening to Minnesota 1030 to 1330 on June 8th. Many high UHF channels three deep. Many translators fair to good out to 365 miles. Channel 28 in Fairmont, Minnesota is an ad channel. Call 507-235-3303. Easy to spot and ID. First

I've seen of this type LPTV. I would like to commend the people who put the translator guide together as it is unusually accurate for such a massive listing. I have 20 new stations that I wouldn't have had without it. KULR-8 has six translators on channel 5, not three as I stated last time. There are three more in Wyoming I failed to note in the guide. The Emigrant outlet is the likely one I received via Es. It had ample signal strength to get a decent photo.

UHF was open to the east coast 0100-0200 on July 19th. Rare from this area and a first for me. Also, WFAT-19 and KLRT-16 were snow free at 500 miles plus. Possibly open to Gulf too, but concentrated to the east. Several unids to east. Signal dropped rapidly after 0200 and had normal tropo conditions by 0600.

Noted new ID, WIII-64, Ohio. Independent station KLJB-18, Iowa is on. First noted testing at 1330, July 20th. Now has full program schedule. Antenna pattern favors northeast. Good DX target as it really gets out.

I have also received KOUS-4 with the dual ID with KYUS-3. Namely, 12-29-84 at 0535 via meteor skip. I have an excellent photo of this slide. They must be under the same ownership now.

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (WA5IYX)

CST

Equipment: 1980 model Pennerest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor.

<u>June 1985</u>	14 Es 1121 KPRYt 4 SD	16 Es 1658 KUTV 2 UT 1080
12 Es 1055-1110 unid ch 2 ne	1126 KXMA 2 ND 1225	1659 KIDK 3 ID 1215
1154 KXMA 2 ND 1225	1129 WISC 3 WI 1065	(MUF 89.9-1755)
1224 KPRYt 4 SD	1159 KTWO 2 WY 1015	1840 fade/outs
1229 KRMEt. 3 ND	KTDK 3 TD 1215	10/15_1058 unide ab 2 2
KEVR+ 5 ND	10E1 KTMV+ 1 UT	17 Fo 0522 umida abo 2 2
1250 fado/outs	1050 1770 4 01	1/ ES 0522 UIIIUS CIIS 2, 3
100 PVM 0 ND 100E	1235 VAIA 5 01 1000	0520 MIDK 5 MT 1552
1420 KATA 2 ND (22)	(MUF 90.5-1307)	0535 rade/outs
1431 KGPEC 2 ND	1335 sporty to	0647 unid ch2 (brief)
1455 Tade/outs	1415 rade/outs	1103 unid ch2 (brief)
1900 unids chs 2-4	2002-2045 unids ch 2-4	1549 unids chs 2, 3
1913 KGPEt 2 ND	15 tr 0451 KALB 5 LA 385	1558 KCBS 2 CA 1190
KBMEt 3 ND	Es 0720 unids chs 2, 3	1607 XHBCt 3 BCN
1917 WDAYt 6 ND	0729 WBAY 2 WI 1190	1610 fade/outs
(MUF 96.9-1919)	0744 (tr masking MUF)	1805 unids chs 2-4
1940 KPLOt 6 SD	0830 fade/outs	1824 KCBS 2 CA 1190
1956 KGAN 2 IA 945	1059 KGFE 2 ND 1240	1827 KTLAt 5 CA
1959 KIMTt 3 IA	1119 KPRYt 4 SD	1828 KNBC 4 CA 1190
(MUF 95.7-2013)	1201 KTWO 2 WY 1015	(MIE 105.0-1840)
2014 KPRYt, 4 SD	1220 KTVO 2 MT 1245	2010 fade/outs
2019 KFYRt. 5 ND	1200 KRVR+ E ND	18 Fe 072E unide abannol 2
2020 KYMA 2 ND 1225	1228 fade/oute	OROO WELL S THE 1010
(MIE 80 3-2050)	2210_2215 imid ab 2 n	0009 MOUN 2 IN 1010
2050 KD(2 9D 1070	2210-2215 unit di 2 ii	0000 MVVII 5 IN 050
2150 2215 another	2539=2542 Unite on 2	0920 WDIVE 5 WV
2100-2210 Spotty	10 UP 0452 KPUM 0 IX 275	0930 WSAZ 3 WV 1100
2222 NIWU 2 WI 1015	0450 KIPA 9 TX 295	(MUF 88.5-0930)
soon rade/outs	0459 KMID 2 TX 275	0935 WOAYt 4 WV
13 ES UOUS UNIOS ens 2-4	0554 KOSA 7 TX 280	0959 WIWO 2 IN 935
0829 WJBK 2 MI 1225	0759 KAMRE 4 TX	1010 WDTN 2 OH 1075
0841 KPRY 4 SD 1035	0959 KLBK 13 TX 340	1030 WCIA 3 IL 935
0857 WBAY 2 WI 1190	1000 KAMCt 28 TX	1100 fade/outs
0858 WSAZ 3 WV 1100	Es 1035 unids chs 2, 3	1933 unids ch 2 ne
(MUF 106.5-0923)	1059 CHBX 2 ON 1405	1947 WESHt 2 FL
0929 WOC 6 IA 945	1159 KGAN 2 IA 945	2003 WDTNt 2 OH
1100 KIMT 3 IA 985	1225 CBWFTt 3 MB	19 Es 0525 WPBTt 2 FL
1245 KOTA 3 SD 1040	1252 KPRYt 4 SD	WESH 2 FL 1055
1300 KEMET 3 ND	(MUF 93.1-1313)	0555 fade/outs
1312 fade/outs	1355 KOTA 3 SD 1040	20 Es 0908 CKND2 2 MB 1435
14 ms 0558:55 KQTV 2 MO 750	(MUF 92.3-1445)	0931 KTVQ(a)2 MT 1245
Es 0920-0930 unids ch 2 n	1448 KTWO 2 WY 1015	KXMA(v)2 ND 1225
1050 unids channel 2	1530 fade/outs	(MUF 98.5-1023)
1100 WBBM 2 IL 1045	1650 unids chs 2-4	0959 KDLH 3 MN 1250
1114 WBAY 2 WT 1190	KTVXt 4 UT	KBME 3 ND 1200
June 1985 12 Es 1055-1110 unid ch 2 ne 1154 KXMA 2 ND 1225 1224 KPRYt 4 SD 1229 KEMEt 3 ND KFYRt 5 ND 1250 fade/outs 1420 KXMA 2 ND 1225 1431 KGFEt 2 ND 1455 fade/outs 1900 unids chs 2-4 1913 KGFEt 2 ND KEMET 3 ND 1917 WART 6 ND (MUF 96.9-1919) 1940 KFLOt 6 SD 1956 KGAN 2 IA 945 1959 KIMTt 3 IA (MUF 95.7-2013) 2014 KPRYt 4 SD 2019 KFYRT 5 ND 2029 KXMA 2 ND 1225 (MUF 99.3-2050) 2059 KDLO 3 SD 1070 2150-2215 spotty 2222 KTMO 2 WY 1015 Soon fade/outs 13 Es 0805 unids chs 2-4 0829 WJEK 2 MI 1225 0841 KPRY 4 SD 1035 0857 WBAY 2 WI 1190 0858 WSAZ 3 WV 1100 (MUF 106.5-0923) 0929 WOC 6 IA 945 1100 KIMT 3 IA 985 1245 KOTA 3 SD 1040 1330 KEMET 3 ND 1312 fade/outs 14 ms 0558:55 KQTV 2 MO 750 Es 0920-0930 unids ch 2 n 1050 unids channel 2 1100 WEEM 2 IL 1045 1114 WBAY 2 WI 1190		1200 AF

western IV DA	The state of the s	October 1985
Pat Dyer (continued)	23 Es (MUF 105.9-2007) 2032 KXMA 2 ND 1225 2113 WBAY 2 WI 1190 2119 KGAN 2 IA 945 2320 apx fade/outs 24 Es 0045 unid ch 2 ne brf 0750-0820 unids ch 2,3 0820 KTVKt 3 AZ 0821 KTVXt 4 UT 0823 KUTV 2 UT 1080 0854 unids ch 2 ne 0910 fade/outs 1105-1155 unids ch 2-5 1157 WISC 3 WI 1065 1200 WDTN 2 OH 1075 (MUF 89.9-1211) 1230 WCCO 4 MN 1110	26 Es 0929 WESH 2 FL 1055
20 Es 1123 KDLO 3 SD 1070	2032 KAMA 2 ND 1225	0930 WTVJ 4 FL 1150
1129 KGFE 2 ND 1240	2110 VCAN 2 TA ONE	0931 WPTVt 5 FL
KTCA 2 MN 1110	2032 KXMA 2 ND 1225 2113 WBAY 2 WI 1190 2119 KGAN 2 IA 945 2320 any faddouts	(MUF 101.5-1111) 1235 YSU t 4 ES
1201 KOTA 3 SD 1040	2119 KGAN 2 IA 945 2320 apx fade/outs 24 Es 0045 unid ch 2 ne brf 0750-0820 unids ch 2,3 0820 KTVKt 3 AZ	1238 TGV 3 GU 1120
1210 CBMFTt 3 MB 1219 CKND2 2 MB (MJF 107.9-1233) 1452 KXMA 2 ND 1225 1456 KPRYt 4 SD 1542 KTWQ 2 MT 1245 1552 KTWQ 2 WT 1015 (MJF 95.1-1620) 1738 KOTA 3 SD 1040 1800 fade/outs 21 Es 0910 unids channel 2 0929 KTWO 2 WY 1015 0959 KGAN 2 IA 945 1258 KLME 3 NE 785 1259 KEME 3 ND 1200 KPRY 4 SD 1035 KFYRT 5 ND KPLOT 6 SD (MJF 94.5-1302) 1303 KSRE 6 ND 1300 1332 KOTA 3 SD	0750-0820 unids oh 2.3	(MUF 98.6-1312)
1219 CKND2 2 MB	0820 KTVKt 3 AZ	1354 unids chs 2-6 Sp
(MUF 107.9-1233)	0821 KTVXt 4 UT	1356 YSR 2 ES 1200
1452 KXMA 2 ND 1225	0823 KUTV 2 UT 1080	(MUF 88.9-1425)
1456 KPRYt 4 SD	0854 unids ch 2 ne	1500 fade/outs
1542 KTVQ 2 MT 1245	0910 fade/outs	1605 WPBTt 2 FL
1552 KTWO 2 WY 1015	1105-1155 unids ch 2-5	1615 WTVJt 4 FL
(MUF 95.1-1620)	1157 WISC 3 WI 1065	1810 Cuba 2
1738 KOTA 3 SD 1040 1800 fade/outs	1200 WDIN 2 OH 1075	1822 Cuba 3 (//ch2)
21 Es 0910 unids channel 2	(MUF 89.9-1211)	1858 unid channel 4
0929 KTWO 2 WY 1015	1230 WOLD 4 MN 1110	(Unstable beat)
0959 KGAN 2 IA 945	1007 MICH O MI	27 Pa OFFE world ab 2
1258 KLNE 3 NE 785	1250 KYMA 2 ND 1225	/another to Oflio
1259 KBME 3 ND 1200	(MIR 107.0-1311)	0651 WCRD 2 SC 1120
KPRY 4 SD 1035	1507 WIWO 2 TN 935	0650 WEMY 2 NC 1175
KFYRt 5 ND	1513 KDLO 3 SD 1070	0820 fade/outs
KPLOt 6 SD	1540 WDTN 2 OH 1075	0915-20 unid ch 2 Sp
(MUF 94.5-1302)	1600 fade/outs	1040-1100 unid ch 2 w
1303 KSRE 6 ND 1300	25 Es 0810 unid ch 2 ne	(Mexico)
1332 KOTAt 3 SD	0822 KVBC 3 NV 1050	1215-1245 unids ch 2 w
1359 KIDK 3 ID 1215	0839 KTVXt 4 UT	(Spanish south)
KTWO 2 WY 1015	0852 KUTV 2 UT 1080	1745 unids channel 2
(MUF 107.9-1422)	0856 KIDKt 3 ID	1759 KGFE 2 ND 1240
1520 apx rade/outs	0917 KWGNt 2 CO	1804 KXMAt 2 ND
1740-1840 unids ch 2,3	0929 unid ch 2 Sp s	1821 KBME 3 ND 1200
2000 KINDY 2 20 920	U940 KIVKE 3 AZ	1822 KPRYt 4 SD
2120 fade/oute	ODEO MON 3 TA ONE	1029 KNUP 2 NE 815
2320 unid channel 2 w	1010 YHAOF E BON	1822 Cuba 3 (//ch2) 1858 unid channel 4 (Unstable beat) 1900 soon fade/out 27 Es 0555 unid ch 2 ne (spotty to 0649) 0651 WCBD 2 SC 1120 0659 WFMY 2 NC 1175 0820 fade/outs 0915-20 unid ch 2 Sp 1040-1100 unid ch 2 W (Mexico) 1215-1245 unids ch 2 W (Spanish south) 1745 unids channel 2 1759 KGFE 2 ND 1240 1804 KXMAt 2 ND 1821 KEME 3 ND 1200 1822 KFRYT 4 SD 1829 KNOP 2 NE 815 1833 KMTVt 3 NE 2005 fade/outs 2103 YSU t 4 ES 2112 TGV t 3 GU (MUF 88.1-2116) 2120 YSR 2 ES 1200 fade/outs 28 Es 0744 unids chs 2-5
22 Es 0810-0815 unids ch 2 n	1012 XETVE 6 BCN	2103 YOU + 11 PG
0830-0900 spotty	1020 CKND2t 2 MB	2112 TGV t 3 GH
0959 WDTN 2 OH 1075	1021 KPRYt 4 SD	(MUF 88, 1-2116)
1039 KNMZ 2 NM 600	1029 KXMA 2 ND 1225	2120 YSR 2 ES 1200
1050-1320 unids ch 2-4	1030 KBME 3 ND 1200 1059 KTWO 2 WY 1015	2205 fade/outs
1601-1710 unids ch 2,3	1059 KTWO 2 WY 1015	28 Es 0744 unids chs 2-5
1713 WIWO 2 IN 935	KOTA 3 SD 1040	U158 WOLUE 4 MIN
1303 KSRE 6 ND 1300 1332 KCTAK 3 SD 1359 KLDK 3 ID 1215 KTWO 2 WY 1015 (MUF 107.9-1422) 1520 apx fade/outs 1740-1840 unids ch 2,3 1858 KUSD 2 SD 920 2000 KWCN 2 CO 810 2120 fade/outs 2329 unid channel 2 w 22 Es 0810-0815 unids ch 2 n 0830-0900 spotty 0959 WDTN 2 OH 1075 1039 KNWZ 2 NM 600 1050-1320 unids ch 2-4 1601-1710 unids ch 2,3 1713 WIWO 2 IN 935 1758 WKYCC 3 OH 1250 1807 WDIVT 4 MI 1942 fade/outs 23 ms 0441:15 WAVE 3 KY 945 0457:50 WDAF 4 MO 700 ES 0625 unids chs 2-4 ms?0759 KMID 2 TX 275 ES 0759 KMMA 2 ND 1225 0808 KPRYT 4 SD 0846 KTVO 3 MO 835 (MUF 89.3-1006) 1014 KDKA 2 PA 1280 1059 KDLH 3 MN 1250	KTVS 3 CO 815	0759 KGFE 2 ND 1240
1807 WDIVE 4 MI	1108 KDLO 3 SD 1070	0829 KMTV 3 NE 830 KGAN 2 IA 945 0970 WMCA? 5 ?? (MUF 109+ @1036)
1942 Tage/outs	1109 WIWO 2 IN 935 1113 WITVt 4 IN	0829 KMTV 3 NE 830
OLET-ED LIDAR JI MO 700	(MUF 106.5-1134)	KGAN 2 IA 945 0970 WMCA? 5 ??
Es 0625 imids obs 2-11	1159 KNBC 4 CA 1190	0970 WMCA? 5 ??
ms?0759 KMTD 2 TX 275	WESH 2 FL 1055	(MUF 109+ @1036) 1204 KOTA 3 SD 1040
Es 0759 KXMA 2 ND 1225	KCBS 2 CA 1190	1227 MINT ' 2 00 010
0808 KPRYt 4 SD	WTVJt 4 FL	1310 apx fade/outs
0846 KTVO 3 MO 835	1229 WMAB 2 MS 615	1227 NMMN 2 ND 1225
(MUF 89.3-1006)	WBTV 3 NC 1105	2013 unid channel 4
1014 KDKA 2 PA 1280	1259 WSJK 2 TN 1010	2027 KBMEt 3 ND
1031 WTAEt 4 PA	1345-1410 lull	
1059 KDLH 3 MN 1250	1432 KXMA 2 ND 1225	(MUF 89.3-2106)
1139 WUIN 2 OH 10/5	1500 KTVQ 2 MT 1245	2117 KPRYt 4 SD
1245 WKYC 3 OH 1250	1500 KTVQ 2 MT 1245 1657 KUSD 2 SD 920	2136 KTVQ 2 MT 1245
(MUF 103.1-1304)	1110 100 3 30 1010	2200 apx fade/outs
1405 WIWO 2 IN 935	(MUF 92.5-1713)	29 Es 1859 KGAN 2 IA 945
1628 KSNC 2 KS 615	1718 KSNC 2 KS 615	1913 WCCOt 2 MN
1653 KLNE 3 NE 785 1659 KPRY 4 SD 1035	1729 KNOP 2 NE 815 1759 KOTA 3 SD 1040	KIMIT 3 IA
KNOP 2 NE 815	1759 KOTA 3 SD 1040	1959 KUSD 2 SD 920
(MUF 89.9-1702)	(MUF 89.3-1802) 1833 KTVS 3 CO 815	1959 KUSD 2 SD 920 2019 WBAY 2 WI 1190
1730 KTVS 3 CO 815	1836-2017 unids ch 2-4	1959 KUSD 2 SD 920 2019 WBAY 2 WI 1190 2025 fade/outs
1732 KOTA 3 SD 1040	2100 apx fade/outs	30 Es 0928 unid channel 2 n
1959 KGFE 2 ND 1240	26 Es 0859 WPBT 2 FL 1150	0958 KBME 3 ND 1200
WIMT 2 TA ORE	LIEDVIL 2 PI	WILL O THE TOP

WEDUt 3 FL

Pat Dye	er (c	ontinue	ed)		30 Es 1029	KXMA	2 ND	1225	30 Es	(MIF	89.3-1123)
30 Es	1000	KNAZ KVOAt		855	1059	KIMT	3 IA	985	1200	KDLO	3 SD 1070
THE REAL PROPERTY.	1015	KPRYt				KOTA				fade/ 1700 u	outs nids ch 2 n

A very busy June. I forgot to mention last time that the June 1-2 tropo ID's were made a lot easier in many cases due to the superimposed locations/phone numbers for the telethon that weekend.

Channel 4 has now gone back to full power, and channel 5 went to reduced levels (while cleaning, sandblasting, etc.). Hard to judge the intensity of the Es with channel 5 so easy to get CCI.

Making both the Central States VHF Society Conference in Tulsa (July 25-28) and the WIFDA Convention (my first) in New Orleans the next weekend didn't give me much time to get the reports here more up to date. 73, Pat, WA5IYX

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

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

August 1985	10 tr 2258	Sprgfld MO U's t	11 tr 0226	WFLDt 32 IL
2 Es 2130 KBCI 2 ID 960 (MUF 104.3-2133)	0041	WCIUt 26 IL WIHR 13 IN 715 KWWL 7 IA 395	1000	WKOWt 27 WI KRIN 32 IA 395 KCBR 17 IA 385
10 tr 1029 KRIN 32 IA 395 2217 Peoria IL U's t	0222	WQAD 8 IL 500 WHO 13 IA 385	1059	KCCI 8 IA 385 KDIN 11 IA 385

This tropo opening was very unusual - very frustrating. It doesn't seem reasonable to describe an opening with 700 mile VHF as medicore, but it largely was. WTHR-13, while it was in, was as good as most of the signals received. I spent the entire night watching snowy signals pop up and fade out before ID. Logic indicates the signals were coming from Springfield, Missouri, northern Illinois, and Wisconsin; in addition to Iowa which was the best. KDIN-11 was identified through local KTHI-11.

Worldwide TV-FM DX Association

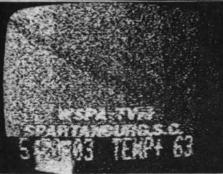


KTVQ 2 MT 1245

PHO TO-NEWS

(JC)

David J. Nieman 12284 Nice Road Akron, NY 14001 U.S.A.



WSPA-07 Spartansburg, SC

338 mile tropo no date



WPDE-15 Florence, SC 313 mile tropo no date

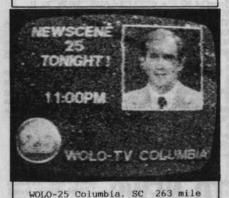
(JC)

KIMT 3 IA 985

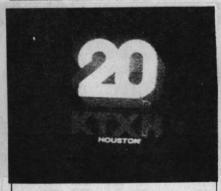
PHOTO-NEWS



WRJA-27 Sumter, SC 261 mile tropo no date (JC)



(JC)



tropo no date

KTXH-20 Houston, TX 515 mile tropo no date (JP)



WIS-10 Columbia, SC 270 mile tropo no date (JC)



WSOC-09 Charlotte, NC 347 mile tropo no date (JC)



KAVU-25 Victoria, TX 468 mi.

Thanks to, John Combs-Jacksonville, FL (JC) and to Jim Pizzi-Lovington, NM (JP) for supporting this column. Guys; I have so many of your great

px photos that if I were to use them all. There'd be no room for anyone elses. So I hope you don't mind if I take a sampling of them. Dave

EASTERN TV-DX

John F. Combs 2831 Selma Jacksonville FL 32205 (904) 387-2367

October 1985

Deadline: 1st

GREETINGSI

No, you haven't been drafted, hi! Just thought I'd waste a few lines of VUD space to tell all concerned a bit about myself by way of introduction. I am 27 years old, originally from New Jersey, and have lived in Florida since I was 12, except for a brief sojourn in Chio during my college days (daze?). I have been active on and off in TV-DX for most of my time in Florida. My interest in TV-DX was initially stimulated by two things: (1) Glenn Hauser's article on TV-DX which appeared in TV Guide in the late 60's and (2) seeing KQTV-2 by E-skip one summer while in Vermont. The dramatic impact of seeing this TV signal from 1000 miles away got me hooked. I have a degree in Radio-Television (which I have never used) and am currently employed by an inventory service. Enough about me, on to reports!

Bill Nollman, Box 184, RFD #1, Fitchville CT 06334

(Terrer)

"This is my first attempt at TV DXing, so here goes... In January I bought myself a Regency HX-1000 scanner and soon found the joys of E-skip to Missouri, Florida, Tenn., etc. Unfortunately it took me until June when Tom Yingling and I talked about a super day of Es (June 23rd) and how he was getting great reception into Wisconsin. Finally something upstairs clicked and I realized that if Es are up past 45 mHz...then the MUF might just be up near Ch. 2 or higher!

Next time I was picking up good Es on the scanner I decided to hook up the CM3617 to a cruddy little B&W TV and guess what—WBBM Ch. 2 was coming in clear as day! I couldn't believe it! Since then I've seen approximately 29 stations via E-skip and have since "switched" the scanner to a TV-DX early warning system with freqs like 42.06—Missouri State Police, 39.46—all of IL, and 45.62—Pasco City FL as the best...

However, I haven't seen ANY Es in almost 3 weeks (nor I--jfc)...So what does a DX-hungry DXer do? He fixes the AC/DC TV he screwed up last year and heads for the hills to try another frontier he has yet to attempt: UHF tropo. I went up Wawecus Hill Rd. and found good reception...about 1½ miles west of my house and appx. 700 feet above average terrain.

As you can see by my first few attempts (I was just seeing what would come in--not really DXing) this spot...is prime DXing (at least it's better than at my house). Unfortunately, I'll be back at school soon--Univ. of Hartford CT and in the bottom floor of a brick dorm (ouch---jfc) where multipath is so bad that Ch. 61 at 1 or 2 miles away has more ghosts than they have watts output! Maybe this year they'll let me put simple antennas on the roof (4 floors high)--I was refused last year.

That's about all from here. I might try a hill by the Montville CT TV (Cable) towers... it's very high and about 2 miles from the ocean! Let's go humidity! And fog! Great DXing ... and have a great summer (what's left of it)."

ul	y 1	985		July 1985	July 1985
2	Es	2030	WBBM-2 IL 815	11 Es 1912 unID-2 "ment.	14 Es 1828 WWL-4 IA 1285
		MI - TO	Chicago	Thunder Bay & Chs.	New Orleans
7	Es	1100	WPBT-2 FL 1200	2 & 5"(I'd say	1859 WUFT-5 FL 1010
		**	Miami	CKPR-2 Thunder Bay	Gainesville
		1200	WESH-2 FL 990	ONTjfc)	1921 WCBD-2 SC 750
		1200	Daytona Beach	1930 KQTV-2 MO 1190	Charleston
		1230	WEDU-3? FL T	St. Joseph	15 Tr 1630 WMUR-9 NH 110
			WSJK-2 TN 685	2000 WBBM-2 IL 815	1630 WENH-11 NH 160
		1400	Sneedville	2100 KTCA-2 MN 1075	Es 1750 unID-2 SS "ment.
		1600	KTCA-2 MN 1075	2126 WCCO-4 MN 1075	CTV + Alka-
		1000	St. Paul	Minneapolis	Seltzer ad"
0	P.	474 E	KJRH-2 OK 1320	2130 KUSD-2 SD 1265	1754 WBTV-3 NC 650
0	200	1113	Tulsa	14 Es 1206 WSB-2 GA 860	Charlotte
		1720	KTVI-2 MO 975	Atlanta	1757 WSB-2 GA 860
		1170	St. Louis	1230 WMAB-2 MS 1090	1800 WSJK-2 TN 685
		4050	KYTV-3 MO 1160		17 Tr No time given
		1756	Springfield	1300 WRBL-3 GA 945	WBOC-16? MD T
		4000	KMOX-4 MO 975	Columbus	WLIW-21 NY 100
		1000	St. Louis	14 Es 1300 WLBT-3 MS 1190	WCPB-28 MD 290
		4000	KTVY-4 OK 1425	Jackson	Salisbury
		1000	Oklahoma City	1314 WCBI-4 MS 1050	WNJM-50 NJ 120
		.0.0		Columbia Columbia	Montclair
		1012	KSDK-5 MO 975		WLIG-55 NY 40
	-		St. Louis	1348 KETS-2 AR 1190 IAttle Rock	Riverhead 40
11	ES	1900	KUSD-2 SD 1265		
			Vermillion	1817 WESH-2 FL 990	(continued on next page)

EASTERN TV-DX July 1985	Nollman, continued July 1985	August 1985
17 Tr WCVX-58 MA 75 Vineyard Haven	30 Es 1926 KTVI-2 MO 975 1930 KYTV-3 MO 1160	12 Tr 2200 WXTV-41 NY 115
30 Es 1820 KGAN-2 IA 990 Cedar Rapids	1937 WDAF-4 MO 1190 Kansas City	(Not Secaucusjfc) WEDW-49 CT 60
1830 WBBM-2 IL 815 1857 KTVO-3 MO 1050 Ottumwa IA/Kirks-	1941 KMOX-4 MO 975 2100 KJRH-2 OK 1320 August 1985	Bridgeport WVJV-66 MA 60 Marlborough
ville 1922 WCIA-3 IL 845 Champaign	12 Tr 2200 WHGT-18 CT 35 Hartford WCDC-19 MA 85	TOTALS: 23 States 48 VHF
1924 WTWO-2 IN 815 Terre Haute	Adams WLIW-21 NY 100	23 UHF 29 Es 71 Total

Equipment: (Home) Emerson B121 B & W TV, Channel Master Model 3617 Antenna @30 ft. AGL, RG-59 coax and low-loss Jerrold baluns.

(Mobile) Panasonic TR-329B AC/DC B & W TV, rabbit ears mounted on magnetic CB mount on roof of car. (Tres unique!--jfc)

(A good first report, Bill, and I hope many more are to come. I have taken the liberty of forwarding some of your more promising uniDs to the CCI column. I also deleted tropo less than 100 miles, unless new. Maybe you should invest in a 4-bay UHF antenna for your hill-top trips, or something similar that would be easy to hand-hold. Just have a good story ready when the local gendarmes inquire as to your activities, hi! It's too bad you can't get in a dorm room on the 4th floor, or at least higher than the basement, where a 4-bay stuck out the window might get some results! Hope you send some of your photos on to Dave Nieman for the Photo-News column-jfc)

Bill Townshend,	4500 Conn. A	Ave. NW #9	01, Washington	DC 20008	(202) 966-8046	(EDT)
July 1985	to the latest	July	1985	Au	gust 1985	
29 Tr 0900	KYW-3 PA	29 Tr	2259 WRBV-65	NJ 14	Tr 0929 WTVZ-33	VA
2255	WHRO-15 VA		2300 WNJT-52	NJ 15	Tr 0743 WYAH-27	VA
2256	WPHL-17 PA		2345 WMGM-40	NJ	0800 WTVE-51	PA
22.57	WVTR-20 VA		NEW AND ADDRESS OF			

"I finally got all 12 VHF channels covered. The 2245-2345 reports above were from my apartment building roof, just 16 steps up from my pad. These reports from an area which usually stinks out loud as far as this kind of DXing is concerned! I usually get a signal, albeit weak, from very local WRC-4 all over the UHF band on my Portavision-SS (12-778). Stations seen/heard by states: VA-15, MD-13, FA-13, DC-9, NJ-4, NC-2 and DE-1. Total 57. Most distant, WLXI-61 Greensboro NC on 4/19/85 at 260 mi./416 km. 73*s."

		ksonville FL 32205 (904) 387-2367 (NEW NUMBER)	(EDT)
July :	1985	August 1985 August 1985	N. Salahara
27 Tr	2035 WRJA-27 SC 261	14 Tr 0655 WRLK-35 SC 267 OUT-OF-SEQUENCE (00)	ps)
28 Es	1150 KMID-2 TX 1221	0655 WATG-26 SC 215 13 Tr 0050 WATG-26	SC 215
	1156 KACB-3 TX 1113	2150 WEBA-14 SC 200 0050 WIS-10	SC 270
	San Angelo	2150 WATG-26 SC 215 0135 WMAZ-13 (GA 201
Tr	2130 WTVX-34 FL 234	15 Tr 0840 WLTX-19 SC 262 Macon	
	2255 WXEL-42 FL 272	2322 WLTX-19 SC 262 0135 WRBL-3 (GA 229
	2255 WPTV-5 FL 272	2322 WOLO-25 SC 263 BACK TO NORMAL (?)	
30 Es	2130-2220 Noted, no IDs	16 Tr 1045 WTGS-28 SC 174 25 Tr 1825 W69AY 1	FL 55
31 Es	0908 CBFT-2 PQ 1138	Hardeeville 1859 W57AN 1	FL 80
	(Phillips TP)	(Testing w/ID slide) 1859 W49AI 1	FL 110
	0925 XHCH-2? CH T	1955 WJKA-26 NC 335 1859 W29AB 1	FL 77
	1013 XEFI-5? CH T	1955 WRJA-27 SC 261 1905 W61AK 1	FL 106
August	t 1985	1955 WHMC-23 SC 294 Invernes	S
1 Es	0814 CBFT-2 PQ 1138	1955 WPDE-15 SC 313 (WTOG-44)
	(TP agngone by 0820)	2035 WLTX-19 SC 262 26 Tr 0035 WLTX-19	SC 262
	(Es in & out on 2 all	2230 Columbia, Augusta Us 0035 WOLO-25	SC 263
	dat today)	17 Tr 0843 Columbia Us 27 Tr 0230 W50AC 1	FL 175
6 Es	0856 unIDs-2,3	18 Tr 1925 WJKA-26 NC 335 31 Tr 0045 WLTX-19	SC 263
14 Tr	0655 WLTX-19 SC 262	19 Tr 0842+ SC Us 14,19,25,27 0045 WATG-26	SC 215
	0655 WOLO-25 SC 263	20 Tr 0038 WATG-26 SC 215 0930 W29AB 1	FL 77

I have raised my 5' dish to 32' AG, using RG-6/U cable. More frequent scatter now from Columbia, Augusta, etc. VHF is not up right now; I need to mount it on a seperate rotor. July 31st interesting for seeing Canada and Mexico within 13 minutes of each other!

I hope to continue the tradition of quality that marked Bill Draeb's reign as editor of this column. Let me know your ideas and criticisms! And keep reports coming! 73.....JOHN

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