

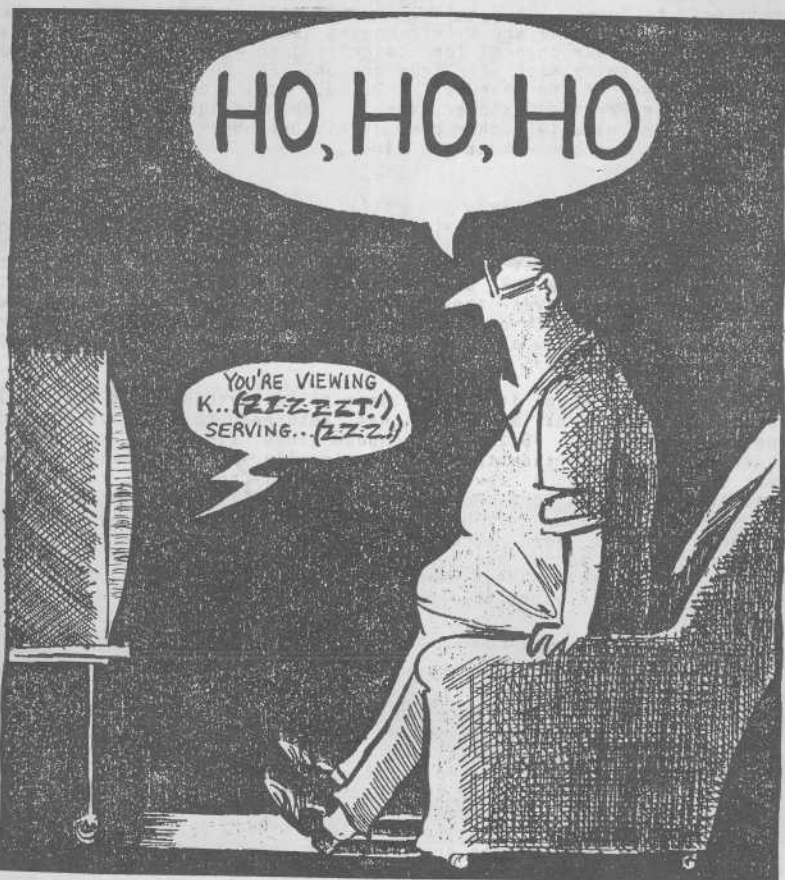
# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 1990

## SEASON'S

# HO, HO, HO



## GREETINGS!



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



NOV 9 3 16 PM '90  
N.Y.



first class mail

11/91  
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# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

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# From The STAFF

**METEOR SCATTER DXERS TAKE NOTE...** This year, the Geminids meteor shower will peak in the early morning hours of December 14th. The December issue of *ASTRONOMY* magazine has an article by England's Philip Bagnell that points out that the shower, once one of the best of the year for MS DX enthusiasts, is not what it used to be. Earth's orbit used to cross through the densest part of the Geminids swarm every December, but we are slowly moving away from it with each pass. This means that our chances for catching good MS DX from this shower will be diminishing each year from now on. The Geminids can still be the best shower of the year for MS DXing. It's often better than the famous summer Perseids shower, due in part to the fact that tropo conditions are usually rather poor in mid-December (and thus not many other signals are present at the time).

**HALLOWE-E-SKIP?...** Some DXers are still buzzing about the evening of October 31st. Halloween, which featured an unusually intense "mid-summer" type E-skip opening in the North American mid-latitudes. It created some brief confusion among VHF enthusiasts in the Northeast, where some VHF amateur operators mistook it for F2 skip, and a few TV DXers even thought it was tropo ducting! The sudden appearance of strong Es on such an offbeat day and time should serve as a reminder for us all...it really IS amazing and unpredictable!

**F2 DX RETURNS...** Though it doesn't seem to be anything like last year, the expected F2 DX activity has returned to the frequencies approaching 50 MHz. 48.25 MHz European video "sync buzz" was noted by observers in the Northeastern U.S. (primarily in New England), and was weak to moderate on a few days. There has been some transPacific activity also, with North America's West Coast detecting signs of 45 and 46 MHz video buzz from New Zealand and Australia. A word to those of you who have been sending word about your individual F2 DX loggings: we do appreciate hearing from you, but the TV DX report columns are really the best place to detail this rare and fascinating activity--please support them by reporting!

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# PHOTO NEWS

DECEMBER 1990

### Mailing Address:

PHOTO-NEWS  
 7786 Vice Rd - Akron NY 14001-9529

Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY  
 David J. Nieman

**Season's Greetings** to all; our first reporter is Jeff Kadet - Macomb IL. Equipment: ICOM R7000 w/video adapter, JVC & Panasonic monitors. Various Zenith TVs (circa 1978-82). Screened Channel Master 7' dish, PA4975 preamp, 1/2" hardline up 85'. CM 1110, PA1975 preamp, 1/2" hardline up 80'. Winegard 5 element lo-band yagi, vertically polarized up 18' with RC-11.



WUUP-10

Sault Ste. Marie  
 Michigan

510 mile tropo  
 seen August 23, 1990  
 at 0408 CDT



WNAL-44

Gadsden, Alabama

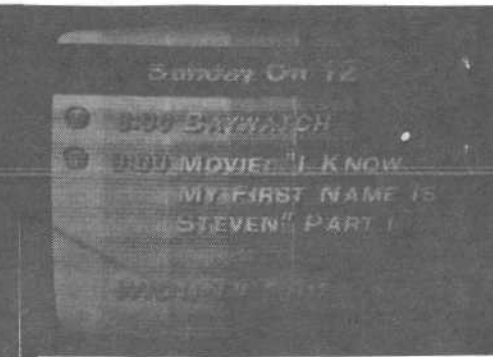
512 mile tropo  
 seen August 25, 1990  
 at 0100 CDT



WJSU-40

Anniston, Alabama

539 mile tropo  
 seen August 25, 1990  
 at 0200 CDT

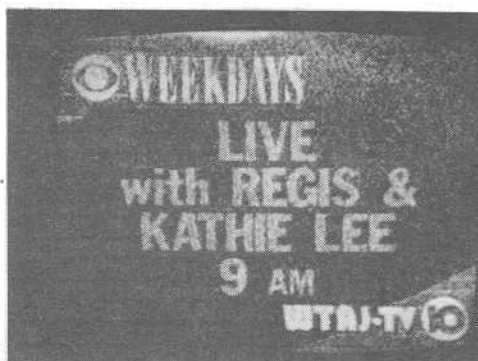


WICU-12

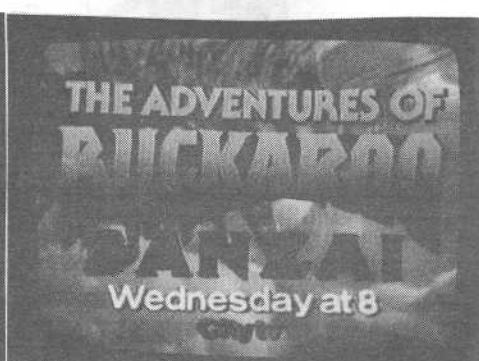
Erie, Pennsylvania

565 mile tropo  
 seen August 26, 1990

more DX fotos from the central US....



**WTAJ-10**  
Altoona, Pennsylvania  
643 mile tropo  
seen August 26, 1990



**CITY-57**  
Toronto, Ontario  
620 mile tropo  
seen August 26, 1990



**WADL-38**  
Mt. Clemens, Michigan  
200 mile tropo  
seen September 4, 1990  
at 2300 EDT

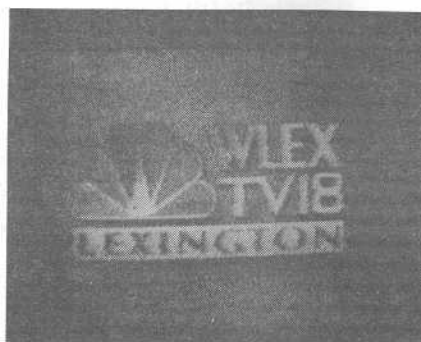


**WEMT-39**  
Greenville, Tennessee  
565 mile tropo  
seen September 4, 1990  
at 2400 EDT



**WIGT-36**  
Oakland, Maryland  
595 mile tropo  
seen August 26, 1990  
at 0420 CDT

Next is a new reporter to this column; Joe Fela - South Plainfield, New Jersey (22 miles southwest of New York City). Equipment: GE monitor, Antennacraft P-7 dish at 35 feet with Winegard PA4975 preamp.



**WLEX-18**  
Lexington, Kentucky  
566 mile tropo  
seen September 5, 1990  
at 0229 EDT  
sign-off

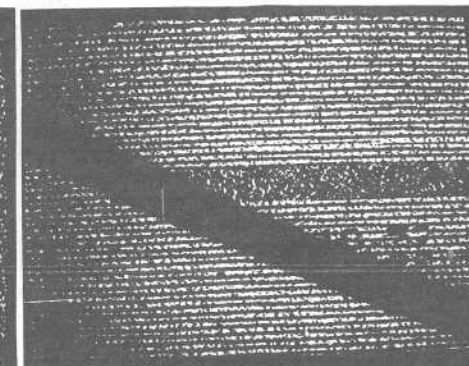


we'll see more from Jeff next month....

Thanks Joe; I'd like to see you become a regular reporter.



**CBLN3-64**  
Chatham, Ontario  
150 mile tropo  
seen September 4, 1990  
at 2315 EDT



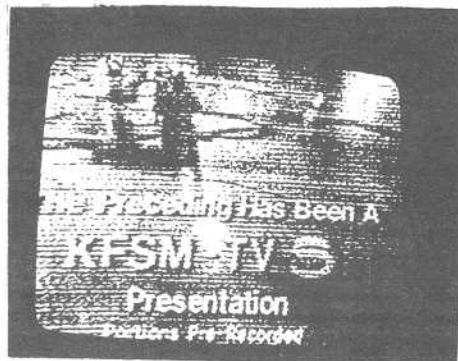
**DIGITAL RADIO TEST**  
channel 68  
Toronto, Ontario  
seen July 10, 1990  
.1kw from CN tower  
at 16 miles  
on air from July 5-17

Thanks Joel; hope too see more from you soon.

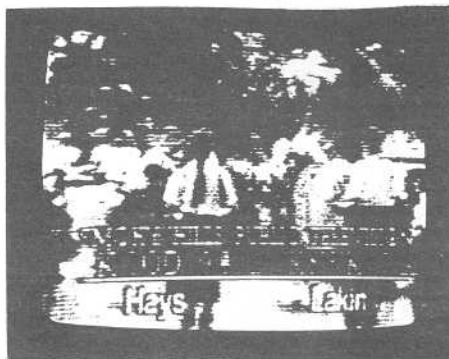
Next are the final foto from: Joel Rosenberg - Richmond Hill, Ontario. For equipment. see Nov. 1990 VHF-UHF DIGEST PHOTO-NEWS column page 22.



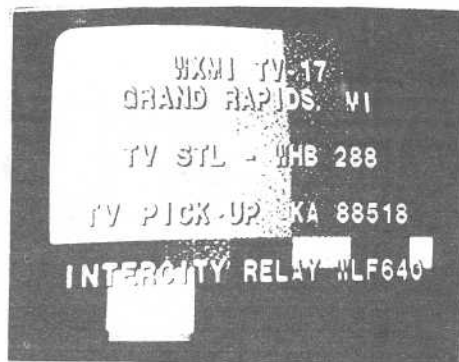
Wrapping up this months column is Dave Me-man! - AAkron Neu York equipment: TV, antenna & some wire.



**KFSM-5**  
Fort Smith, Arkansas  
988 mile E-skip  
seen May 28, 1990  
at 0125 EDT  
CBLT-5 Toronto, Ontario  
had just signed off



**KSWK-3**  
Lakin, Kansas  
1239 mile E-skip  
seen June 1, 1990  
at 1301 EDT



**WXMI-17**  
Grand Rapids, Michigan  
355 mile tropo  
seen June 13, 1990  
at 0129 EDT



**WMC-5**  
Memphis, Tennessee  
811 mile E-skip  
seen June 28, 1990  
at 1000 EDT  
this is with CBLT-5 Toronto on

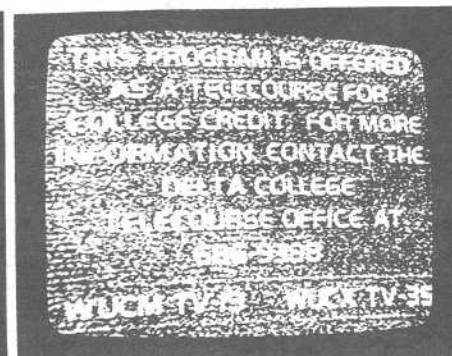
Since I've heard from no one about my thoughts of photocopying the fotos they send to PHOTO-NEWS; it must be ok with all the column contributors. If it is not; I'll give you one more month to let me know. If I photocopy your photos; I will return them if a S.A.S.E is enclosed. This should save you time and money too. it's up to you.



This should wrap it up for now; see you all in 1991.



**WLBTV-3**  
Jackson, Mississippi  
983 mile E-skip  
seen July 6, 1990  
0754 EDT



**WUCX-35**  
Bad Axe, Michigan  
227 mile tropo  
seen September 3, 1990  
at 0900 EDT  
CCI from WSEE Erie, PA



**WUP-10**  
Sault Ste. Marie, Michigan  
348 mile tropo  
seen September 3, 1990  
at 1900 EDT  
CCI from CFPL London, ON 138 miles & WHEC Rochester, NY 49 miles



**WIXT-9**  
Syracuse, New York  
124 mile tropo  
seen September 5, 1990  
at 0557 EDT  
over CFTO Toronto, ON at 63 miles

Till next time,  
DAVE

# WHEN DOES IT HAPPEN???

## A SHORT LESSON ON E-SKIP

BY BILL NIENAJADLY

Though this simple article should appear in May or June (when the E-skip season really starts) I felt that since I've noticed a lot of new members and reporters have joined the WTFDA and some are not sure when E-skip really happens, I thought it is time to give a little insight on this wonderful and exciting DX happening. So here it is, and even though it is December, E-skip DOES happen this month (though maybe not as strong and maybe only reaching Ch 2 or 3).

Q: When does E-skip happen?

A: E-skip happens normally around late May into early August and also mid to late December. The time periods seem to be 0630-1100 and 1630-2300 hours. These are the prime spots to be looking for E-skip. E-skip CAN happen at any time and any day or night however, but these 'off season openings' are quite rare. For instance it happened on Oct 31 1990 and that was a first for many members!

Q: Where should I start looking?

A: Your TV connected to an outdoor antenna and set to the lowest 'blank' channel in your area. Ch 2 or 3 would have E-skip first before channels 4, 5 or 6. E-skip CAN at times reach ch 7 or 8 but don't waste your time looking for E-skip on ch 7 UNLESS the opening is already in progress and going 'Hot and Heavy' past 144 MHz.

Q: What other methods are there to detect E-skip?

A: Some members use their scanner for detection of E-skip. Check the 30-50 MHz region for 'something that sounds quite unusual'. During the start of a E-skip opening you might hear state police talking about a Highway or a location that doesn't sound familiar, keep listening and soon you will find that they are talking about a location from 1000 miles away or so. Note the frequency and keep checking higher up to 50 MHz, if that 'gets cooking' go right to lowband TV (channels 2-6). If you start 'seeing lines on channel 2 or 3' then keep checking higher, if you see skip going past channels 5 and 6...then go to FM (if you wish) and check the educational band 88-92. If the 'ed' band is humming with DX, then check the commercial band 92-108 MHz. If the 'MUF' (Maximum Usable Frequency) is really 'High Up There' then check 144 MHz (Ham 2 meter band) and NWS (National Weather Service) at 162.400 and up. What ever 'band' you stay with is your choice (as long as E-skip in progress on the band you stay with).

Q: How long does E-skip 'last' for?

A: It really varies a lot, anywhere from 1 minute (or less) to hours and in rare cases.....even into the NEXT DAY! E-skip can last for hours on TV or even days in a row! E-skip on FM lasts for a few hours or maybe a few minutes or nothing will be on FM while TV 'is going crazy'. E-skip is sporadic, hence the real name for E-skip is..... SPORADIC E-SKIP.....

Q: What other tips do you recommend?

A: Get in touch with other DX-ers in your area, ask their advice, their equipment choices AND develop a 'DX HOT LINE' where you would call each other if 'somethings happening'. I have called and received calls during the start of an opening and we even keep in touch DURING an opening. This is important, you might have otherwise missed that ID for '100.9 playing Top 40' but you could easily 'track down the station' with other member's help. Or in rare cases a NSP (No Silent Period) local 'going off the air for transmitter maintenance' late at night, can be of as good news as a E-skip opening! Calling the local area DX-ers with that news will put you in their good graces!

Anyway, I hope this short and very simple lesson on E-skip was of use to those who are new to the club and new to DX-ing 'above 30 MHz'. This lesson was not meant to be technical nor does it cover all about E-skip! Goodluck in 1991, and I hope to read about all your fine DX catches in the various DX columns in the VUD!

-Dude from Joisey-BN

# Television news

BILL FAHBER, EDITOR  
336 ATLANTIC ST  
BRIDGETON NJ 08302-2525

### ABBREVIATIONS USED IN THIS COLUMN:

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

### APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
CA	39	162	1096	Bakersfield; Valley Public Television Inc.
HI	21	44.2	-113	Wailuku; Le Sea Broadcasting Corp.

### CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
AZ	61	5000	511	Phoenix; Brooke Broadcasting (initial decision)
FL	66	5000	477	Bradenton; Bradenton Broadcast Television Co. Ltd. (FCC decision)
FL	27	5000	490	Orlando; Reece Associates Ltd. (FCC decision)
IL	44	4260	433	Chicago; Monroe Communications Corp. (license renewal for WSNB-TV was denied.)
LA	44	5000	502	Baton Rouge; WPFT (reinstated)
LA	11	215	301	Columbia; Pears Broadcasting Inc.
OR	23	14.8	155	Coos Bay; KMTR Inc.
TX	19	229	222	Nacogdoches; Radnor Broadcasting Co. Inc.

### APPLICATIONS DISMISSED

AZ	Phoenix; ch. 61; Channel 61 Partners Ltd.; Maricopa Community TV Project. (initial decision)
FL	Bradenton; ch. 66; Florida Manatee TV Broadcast Associates; Gulf Coast Telecasters Ltd.; Joyner Communications Ltd. Partnership; Manatee Television Inc.; McDaniel Broadcasting Partners; Renee Marie Kramer. (FCC decision, upholding initial decision)
FL	Orlando; ch. 27; Central Florida Television Ltd.; Florida Television Company; Highland Communications Ltd.; Magic City Broadcasting Inc.; Marlin Broadcasting of Central Florida Inc.;

DECEMBER, 1990

Orlando 27 Inc.; Sunshine TV 27 Inc. (FCC decision, upholding initial decision)
ID Coeur d'Alene; ch. 26; State of Idaho Board of Education.
LA Columbia; ch. 11; Caldwell Broadcasting Ltd. Partnership; Giles Broadcasting Inc.; KTVB Inc.; Love Broadcasting Co. (initial decision)
NY Carthage; ch. 7; Moreland Broadcast Associates.
TX Arlington; ch. 68; Channel 68 North Texas Television Ltd. Partnership.

### CONSTRUCTION PERMITS CANCELLED

ST	CH	CALLS	CITY
AL	63	WTSU-TV	Montgomery
KS	5	KSMT	Liberal
KY	62	WLKT	Lexington
MA	51	MVUW	Pittsfield
MD	55	KCTP	Poplar Bluff
TN	42	WSDA	Nashville
TX	22	KLRB	Wolfforth
WI	45	WKTB	Richland Center

### APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
AZ	4	100	487	KZJC	Flagstaff
CA	46	2510	440	KBCF	Paradise
FL	18	5000	458	WKFC	Clermont (from ch. 68?)
FL	59	3311	289	WJEB	Jackeenville
GA	54	2491	385	WFXG	Augusta
MI	53	1600	299	WLAJ	Lansing (amended)
TX	61	2776	518	KZJL	Houston
TX	51	2560	294	KNWS-TV	Katy
VA	14	2750	219	WTMW	Arlington
VA	43	2028	115	WVBT	Virginia Beach

### CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
GA	23	3378	447	WELF	Dalton
LA	44	2286	426	WPFT	Baton Rouge
LA	45	786	202	KCDN	Shreveport
MI	18	8.91	73	WHTV	Jackeon
VA	43	2028	115	WVBT	Virginia Beach

### APPLICATION TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
VT	20	590	592	WVTB	St. Johnsbury (MP amended)

### CHANGES GRANTED STATIONS ON THE AIR

AR Rogers; KFAA, ch. 51; granted MP to reduce ERP to 80.1 kw max (This station signed on 8/30/89, and was licensed for 5000 kw ERP, and shortly thereafter applied for a CP to reduce that to 200 kw, and now this? Can somebody tell me if they ever operated at 5000 kw, or if they have been running weak all along?); antenna elevation reduced 182 meters ASL to 140m AAT/52m AG/527m ASL; TL Fitzgerald Mountain, 1.8 miles northeast of Springdale, AR; coordinates 36°12'15"/94°06'05" (Az. 356°, or slightly west of due north, 13.01 miles from present TL). These new
--

coordinates plot about 10 miles SSE of Rogers. Evidently they found it necessary to bring the tower in closer to the city in order to reduce the power so drastically and still have city grade coverage over Rogers.

CA San Francisco; KBHK-TV, ch. 44; granted license to cover CP for changes; ERP raised from 2200 kw max/1800 kw hor to 5010 kw max; antenna height reduced by 30 meters to 491m AAT/268m AG/522m ASL; same TL on Mt. Sutro tower.

CO Denver; KUSA-TV, ch. 9; granted CP to reduce antenna height by 8 meters to 280m AAT/75m AG/2319m ASL; same TL; same ERP (316 kw max).

FL Panama City; WMBB, ch. 13; granted license to cover CP for changes; see 7/90 VUD.

ID Boise; KAID, ch. 4; granted license to cover CP for changes; ERP raised from 27 kw to 56.6 kw max; antenna height reduced by 6 meters to 754m AAT/37m AG/215m ASL; TL to same tower as KTVB-7, Deer Point, ID; coordinates 43°45'16"/116°05'56" (5.9 miles north of former tower); HOR.

ID Moscow; KUID-TV, ch. 12; granted CP to raise ERP from 115 kw to 316 kw max or 300 kw max (whichever reference is correct); raise antenna height by 46 meters to 346m AAT/89m AG/1186m ASL; same TL.

ID Pocatello; KISU-TV, ch. 10; granted license to cover CP for changes; ERP reduced from 66.1 kw max to 22 kw max; antenna raised 17 meters ASL to 465m AAT/44m AG/2078m ASL; same TL.

IL Chicago; WBBM-TV, ch. 2; granted license (probably a license modification, since this change is minor) to raise ERP from 35.4 kw to 55.24 kw max; same TL and height.

MN Minneapolis; KITN, ch. 29; granted CP to raise ERP from 1811 kw max to 4556 kw max; lower antenna height by 73 meters to 373m AAT/374m AG/651m ASL; same TL; DA BT. This should be a noticeable improvement in local reception and DX.

NJ Montclair; WJNJ, ch. 50; granted CP to raise ERP from 2094 kw max/883 kw hor to 5000 kw max; reduce antenna height by 15 meters to 243m AAT/185m AG/305m ASL; same TL; DA BT. This should make for better DX along the coast.

NM Las Cruces; KZIA, ch. 48; granted license to cover MP for changes; big change in ERP from 80 kw max to 5000 kw max. See 9/90 VUD.

OH Cincinnati; WSTR-TV, ch. 64; granted license to cover CP for changes; ERP raised from 1000 kw max/851 kw hor to 1148 kw max; antenna height reduced 49 meters to 287m AAT/242m AG/496m ASL; TL 2222 Chickasaw Street, Cincinnati; coordinates 39°07'28"/84°31'18" (1.4 miles east of former TL).

SC Charleston; WITV, ch. 7; granted license to cover CP for changes; see 5/90 VUD.

SD Martin; KZSD-TV, ch. 8; granted CP to reduce antenna height by 10 meters to 265m AAT/189m AG/1133m ASL; TL 3 miles south of Long Valley, SD; coordinates 43°26'06"/101°33'14" (Az. 302°, or WNW, 0.40 miles from present coordinates); same ERP (269 kw).

TN Lebanon; WJFB, ch. 66; granted CP to further complicate the situation as described in the 9/90 VUD. This CP is to raise ERP from its present ERP, whatever that is, to 2250 kw max. References disagree on the previous CP and license, whether it was for 250 kw or 2250 kw.

TX Baytown; KRTW, ch. 57; granted CP to relocate its transmitter by more than 40 miles; same ERP (5000 kw max); new antenna to be 277 meters higher ASL to 585m AAT/582m AG/589m ASL; TL near Stringtown Road, 4 miles south-east of the corner of Stringtown Road and Hwy 35, 8 miles south of Alvin, TX; coordinates 29°17'56"/95°14'11" (Az. 235°, or slightly west of southwest, 41.42 miles from present TL); DA BT. This will mean a weaker signal for Beaumont, Port Arthur and Louisiana viewers.

VT St. Johnsbury; WVTB, ch. 20; granted CP to raise ERP from 42.7 kw max to 590 kw max or 720 kw max, depending on which reference you use; reduce antenna height by 9 meters to 592m AAT/31m AG/1023m ASL; same TL; BT.

WA Tacoma; KCPQ, ch. 13; granted CP to raise antenna by 331 meters to 363m AAT/281m AG/399m ASL; TL southwest corner of 19th St. and East Madison St.; coordinates 47°36'59"/122°18'23" (Az. 79°, or north of due east, 23.84 miles, from present TL; new coordinates will place it next to the KTZZ-22 tower, but about 100 meters higher than KTZZ); DA BT; same ERP (316 kw max).

**CALL LETTER APPLICATION: EXISTING STATION**

SI CH CALLS CITY/APPLICANT  
 NY 50 WWTI Watertown; WFYF  
 OK 41 KTFD Tulsa; KGCT-TV (off air)

**CALL LETTER GRANTS: NEW STATIONS**

SI CH CALLS CITY/APPLICANT  
 AZ 46 KXGR Green Valley; Sungilt Corp.  
 FL 59 WJEB Jacksonville; Jacksonville Educators Broadcasting.  
 NE 54 KOFF Omaha; Omaha Telecasters Inc.  
 TX 28 KHFI-TV Bryan; Silent Minority Group Inc.

**CALL LETTER GRANTS: EXISTING STATIONS**

SI CH CALLS CITY/APPLICANT  
 NY 50 WWTI Watertown; WFYF  
 NC 16 WAAP Burlington; WRDG  
 OH 64 WSTR-TV Cincinnati; WIII  
 OK 34 KOCS Oklahoma City; KGMC

**NEW STATIONS ON THE AIR**

CA Sacramento; KCMY, ch. 29, went on the air 8/27/1990; 4608 kw max ERP; 321m AAT/125m AG/713m ASL; TL west of Hwy 49, approximately 3.4 miles south of El Dorado CA; coordinates 38°37'49"/120°51'20"; HSN affiliate; Ponce-Nicasio Broadcasting Ltd., 1029 K ST, STE 23, Sacramento CA 95814.

CO Castle Rock; KWHI, ch. 53z, went on the air 7/1/1990; 5000 kw max ERP; 191m AAT/98m AG/2130m ASL; TL 400 County Road No. 158, Elizabeth; coordinates 39°25'58"/104°39'18"; independent station; address: Le Sea Broadcasting Corp., Box 12, South Bend IN 46624.

NY Syracuse; WSNR-TV, ch. 43z, went on the air 10/1/1989; 22 kw max ERP; 93m AAT/117m AG/321m ASL; TL WAQX(FM) transmitter site, Old Stonehouse Road, DeWitt NY; coordinates 43°00'25"/76°05'38"; programming consists of

Video Jukebox; no local address, probably due to no local studios. So how do you QSL this one?

TN Knoxville; WKOP-TV, ch. 15-, went on the air 8/15/1990; 2244 kw max ERP: 513m AAT/415m AG/825m ASL; TL Sharp's Ridge Memorial Park Road, Knoxville TN; coordinates 30°00'19"/83°56'23"; DA BT HOR; PBS affiliate; address: East Tennessee Public Communications Corp., University of Tennessee, 209 Communications Bldg., Knoxville TN 37996-0321.

**FORUM**

Continuing with BRUCE ELVING (Esko MN) from last month: An article from the 6/90 LPTV Reporter mentions LPTV station W08CJ in Glens Falls, NY., which airs Channel America, CNN News, Movie Greats Network, syndicated programs, and locally produced programs, such as a video billboard, behind-the-scenes look at local restaurants, promotions for local resorts, local news and sports. Operating costs are about \$40,000 a month, a little high for LPTV. It operates with 20 watts, and its owner plans to use translator W26AG to repeat its signal when it goes on in August, 1990.

LARRY FUSS (Fayetteville GA) sent this from the 9/27 Atlanta Journal: "A small North Georgia television station will begin beaming a powerful 5 million-watt signal into the Atlanta and Chattanooga, Tenn. market early next year, according to Harold Gore, president of WAWA-TV, Channel 14, in Rome. The station, owned by Florida-based Sudbrink Broadcasting with offices in Roswell, received FCC and FAA approval to construct a transmitter tower on Pine Log Mountain in Cherokee County last spring. Construction just began on the tower and plans are being finalized for a new studio and offices in Woodstock. 'We'll have twice the power of any Atlanta UHF station,' Mr. Gore said. "Mr. Gore said the 2-year-old independent station will be licensed to Rome and maintain a studio and offices there. The station currently offers a mix of movies, syndicated features and local news."

DAVE SINCLAIR (Vancouver B.C.) reports, "We toured Salt Spring Island and visited CKVU-TV's transmitter site with their Channel 10 equipment. When touring their site we were advised that CKVU still has the equipment and transmitter for Channel 21, which they vacated about three years ago."

The 9/12 Gulf Islands Driftwood discusses plans by the Gulf Islands TV Society to construct a Knowledge Network repeater to cover "the west side of Galiano as well as the Fernwood area of Salt Spring and as far as Kuper Island." Dave adds, "This would be a low power UHF transmitter about 20 watts ERP."

FRANK ADEN (Boise ID) writes, "Our two LPTVs, K43BE and K10MY have dropped Video Jukebox and are now running 'MUCH MUSIC' I wonder how many US cities have their own Canadian music channel stations? The TV Guide (Oregon State Edition) for 9-29-10-5 shows KEPB 28 on the air in Eugene. This was the first issue of TVG to run schedules for it."

From RONALD PURDUE (Byron MN), news about KXLI - 41 in St. Cloud MN and KXLT - 47 in Rochester. "On October 29, 1990 stations KXLI

and KXLT have become affiliates of KTMA-23 in Minneapolis. It is apparent that the Minnesota Independent Network will be formed sometime in the future.

"It is apparent that the Star Television Network is now running into both technical and financial problems. I thought that they wouldn't last very long with 'bottom of the barrel' programming and paid commercial advertising. Even that they on satellite, no one is watching those 'boring' Star Television Network programs. And even that KXLI and KXLT not listed in TV Guide magazine, no one is watching up to Oct. 29th when the two stations joined KTMA. I would otherwise think that KXLI and KXLT can continue their 'TV Heaven' programming with 'theme nights' as it was in 1988 thus keeping a sizeable audience. In addition, to their 'marathon weekends' as before the stations went off the air in 1988."

I'd like to express thanks to TOM YINGLING (Dundalk MD) for copies of a data base on translators and LPTV stations along the east coast, which will probably help me answer some questions that may pop up in this area. He also sent a few FCC bulletins on Frequency Allocation, station identification and call signs. I'll save those for next month.

Also, another letter from Dave Sinclair that just came in with some articles on Canadian television. He writes, "About two weeks ago I heard from a neighbor that he saw an item in a Seattle-Tacoma newspaper about six months or so ago from a relative; about Channel 24, Anacortes, Washington, to the effect that a business group is trying to bring this station back into operation." "About a month or so ago I noticed that KBGE-TV Channel 33, Bellevue, Wash., (Seattle suburb) is no longer on air. This station had home shopping and came on air in May, 1989. Mike Cherry also noticed this."

A question was raised about my policy of making available copies of my television lists to those who requested it. I have given copies to a few persons upon request, one to Bill Niensjadly to help him with his column, to two separate European groups who have published worldwide or eastern North American television lists, and to a few other individuals. Evidently there is a growing demand for updated lists.

Because of other responsibilities (distant travel to work, attending college, etc.), I haven't been able to put as much time as I used to on this column, or on television lists. That is why this column has missed a few months, why it no longer contains extra features like it used to (Retrospect, special topics, etc.), why I haven't done much on meteor scatter or other technical features, and why I haven't been dxing as much as I used to. It also means difficulty in keeping the data base up to date. I can get a second edition of the NATVDB out next spring, but I will not be able to draw maps, and there is little update on Latin American and Caribbean stations. Walter Patton has helped tremendously on Canadian stations.

One final thing for this month. Anybody having access to the Weekly Television Update published by Warren Publishing, please let me know.





# FM NEWS

By Bruce F. Elmer, Ph.D., Editor  
Box 14  
Adolph MN 55701-0024, U.S.A.

Contributions of FM station news covered!

## Readers' Reports

Mike Cherry, who is looking forward to his copy of the "FM Atlas," sent some news from Canada, including the fact that Keith Spicer, chairman of the CRTC, has been involved in the controversial decision to award 92.5 Toronto to Rawlco, as a country music station. New FM regulations may be put on hold. "This isn't good news for FM broadcasters who feel that they are long overdue for an overhaul of FM regulations, and that changes are needed now in order to keep FM stations healthy and competitive," Mike says. I'd like to see Mike and other Canadians try to urge the CRTC to require FM stations to give regular on-air IDs, including CBC relay stations giving their full individual call letters and locations hourly. I am having trouble getting CBQ Thunder Bay to do this with their relay stations, as well as requesting that they shut down their transmitters at night when not programming. If I were Canadian, I think I would have more influence with them. DXers, this may be your only chance to make sure that the valuable resource that call letters represent are used on the air by every broadcaster, commercial and non-commercial! Mike sent me a program schedule of CBC radio in British Columbia and the "Horaire 90-91" of CBUF (FM) 97.7. Both guides only give cities and frequencies, not individual call letters of the various stations. Oh, how the CBC is missing the boat in not promoting call letters' usage! On the air their stations sound just plain dumb! No individual towns mentioned on the hour, and no call letters. Listeners are supposed to get the printed guides listing the frequencies and figure out from those which CBC station they are hearing. This is a stark situation, stripping the stations of any individual identity they could earn just by giving an automated break each hour. By individually IDing, communities would benefit, too, as they would receive on-air reminders that the transmitter serving them is uniquely theirs—not the voice of some monolithic system known as the "CBC." Every DXer in Canada living near a CBC outlet should take this article and march into the CBC studios, demanding that CBC transmitters programmed from that studio give individual hourly station identifications, mentioning the call letters and city of the transmitter. DXers should also work to see that the juices of all transmitters controlled from that studio be squeezed off when the stations sign off the air. And work to require that the CRTC regulations for FM require the use of call letters hourly by all FM stations. Canada is rapidly losing its interest to DXers. Only you in Canada can help to change this scandalous situation!

Mike also sends some news for those of you in the southern areas who might hear DX from Jamaica. New 7 kw relay stations are IRIE FM 105.5, \$ in Port Antonio, and 107.1 Montego Bay. Primary for the all-reggae commercial network is 107.7 Ocho Rios with 25 kw. Mandeville 89.3 is a new commercial mono all-talk and Christian station on 89.3, "Radio Trinity." Others are as listed in WRTVH or my 1973 FM Atlas, still available at \$2.50 plus .55 shipping, and reprinted by Weldon Patterson.

Since I'm on a Canadian vendetta, let's continue with a letter from Roger Gravelle, who says "Don't bash it, praise it. It's important!" He speaks of AM radio, and

sent an article on how AM is relied on by truckers, especially the big AM stations that get out well at night. Only UStations are mentioned, like WBAP, WWL, WRVA. Roger writes: "We travelled from St. Thomas to Port Elgin and back thru St. Thomas to Belleville, a one way distance of 720 km and never changed the dial from AM 820 in Hamilton ON! The AM radio stations give cohesiveness to Ontario and Canada, as well as the U.S.A. Only on AM 50,000 watt clear channels do you obtain news of what is going on back home, when you travel or live in an area other than home. Local reporting can give you a totally 'you are there' information—e.g., WBT Charlotte, Hurricane 'Hugo', WWL New Orleans, hurricane watch information; 690 Birmingham, politically explosive situations to avoid. When I was travelling to Columbus GA, we decided at 240 km north of Birmingham AL to avoid bus burning in the city. News, weather, local issues, local customs—you find it in more depth on AM than city slicker-type FM formats! 73."

Another Canadian who enjoyed my column before this month is Bruce Hall, who is "anxiously awaiting new Atlas to become available." One article mentioned the continuing controversy about awarding the 92.5 Toronto spot to a country outfit. The other is that the CBC fears the Jesse Helms-FCC move to ban anything obscene in the U.S. This is thwarting efforts to distribute an experimental music program to the U.S., called "Brave New Waves." It looks like Canadian stations can freely broadcast obscenity, while "U.S. stations can be fined up to \$250,000 and lose their licence if they broadcast material considered indecent." Maybe we could strike a deal: get Canadian FM stations to correctly identify if the U.S. might ease up on obscenity. Yet, Robert Unmacht, in the "M Street Journal," notes that KLOL Houston TX was fined \$6000 and KSD St. Louis \$2000 for indecency. "We here at M Street find ourselves torn between the love of free speech and a dislike of poor taste; does radio need to be one big dirty joke?"

Alain Pepin sent the list accompanying his FM travels' tape for 1990, from which I got some nonIDs. Maybe he will unearth more, since he says "I haven't even figured out some of my unIDs yet!"

Idaho's Frank Aden came through with the welcome news that KTSY \*89.5 Caldwell ID is on the air in stereo. "Programming is Christian music, lots of MOR type instrumentals so far." It has the sense not to be 24 hours, on 6 a.m. to midnight.

More FM filers' news. Eric Sundius says he's located a possible source of 110 and 130 kHz FM i-f filters. He's tried credit cards but the wholesalers won't accept them. "Words cannot express my disappointment and frustration. I never imagined it could be so difficult to order a part. I apologize for any false hope that I may have given. I am uncertain if I will pursue the matter," Eric says. Eric may have to send a check or money order and be sure to order enough quantity to satisfy the company's minimum order policy. He listed Sterling Electronics as one possible company to get those from at (714) 259-0900. "The 130s (SFE 10.7MK-A) sell for \$2.60 each and there is a 13-week lead time. The 110 kHz filters (SFE 10.7 MH) sell for \$1.45, but there is a

500-piece minimum. Several companies "have offered to supply small quantities of samples, but the ordering requirements are too restrictive. . . . Perhaps if enough club members called Sterling Electronics, these two items would be stocked in their inventory."

Ken Onyschuk has some concerns about this column, which he is sharing directly with me rather than writing club HQ. "I belong to the National Radio Club and WTFDA only. I like being a member of both clubs and hope to stay with both for a long time." He wonders how this column's information is organized. "New FM station grants -- it's fine, but I'd like more info as to whether a station is independent or an FM sister to an existing AM station in the same town." [It's hard to tell, unless the call letters are hyphenated from an AM in that town; if you had the M Street Radio Directory or Broadcasting Yearbook you could compare, if corporate names are printed. That information I often strip off the new grants here, but it is in FMedia!] "Call letters assigned -- need more information. E.g., Tucson AZ 99.5 KIIM-FM' (KIIM-FM), indicates to me AM sister station has different calls. Please mention in brackets, e.g., KIIM 'FM' (KZZZ-AM). Only reason I mention this, Bruce, is because the NRC has enough problems trying to get correct AM calls from the goofy FCC. I've read they're still on the old file system. . . . Facilities changes granted--it's fine with me, but I do questions stations' 'vertical' power-serving listeners in the sky? Please explain." [Vertical means stations send out a separate radiation vertically polarized, in addition to horizontal, for better reception on car radios and portables with straight-up-and-down antennas. This is usually achieved in the station's antenna, which combines horizontal and vertical for what is called "circular" polarization. A few stations, especially in the educational band close to channel 6 TV, use vertical polarization only, to avoid some interference to channel 6 stations, which are mostly horizontal only. Your receiving antenna must be vertically mounted to receive them well.] "Stereo or monophonic--I guess I'm not a serious music fan, but I really can't tell stereo from monophonic. I do have some hearing loss, but when DXing, either stereo or mono doesn't become a factor to me." [You don't need good hearing or a sense of music appreciation to know the difference between stereo or monophonic. Stereo is a characteristic of FM stations since 1961, and yet you find a few anachronistic stations that do not transmit in stereo. I like to print this information, as mono stations stick out like a sore thumb and are very easy to identify by DXers who DX with a stereo receiver and whose stereo light does not come on when such a station is tuned in. You should be DXing with a good stereo receiver or tuner if you have been at this game for a while, and use resources like the stereo light to alert you to stations broadcasting or not broadcasting with the stereo feature.]

"Formats--I'm almost to the point of designing new symbols. . . . The 'oldies' tag--I'd like to break it down some. I'd say to the average listener, 'oldies' means rock oldies from 1955-72 safely. . . . What's middle of the road music any more? At 42, I've heard a lot of music since the late '50s. . . . [I stick by my original premise that MOR is non-rock, noncountry popular music, like Frank Sinatra, or some of the modern rock songs without the rock beat. Perhaps soon I should repeat my lecture on radio program formats and the criteria that I employ--such as their needing to stand the test of time. Unlike the industry itself, my formats do not really change, and I have been criticized for this, but I think it is a valid

approach. A change did happen when the oldies and classic rock formats were recognized.] "Off the air--a good column. Deletions--nice to be informed. NonIDs--nice to see it; unfortunately, some don't tell the format."

"Overall, I hope you use some of my suggestions. I can't ask VUD to be the DX news-FM bulletin, but I would like to know why on some of the differences. The FCC info on AM in NRC, FM in VUD is laid out differently. Can there be an Otherness-type column in VUD? Or have I just not noticed? I am disappointed a lot of easy listening stations have gone 'soft AC'. I like EZL and can find it in Chicagoland on AM 850 WAIT, 100.7 WYEZ Elkhart. Former EZL WUEZ Morris IL is now rock WCFI! Thanks for listening! Always look forward to every issue around the 10th of the month. Good DX."

Remembering the "raging fire" of FM radio's pioneers is the subject of a newspaper article sent by Dave Nieman from the Buffalo [Evening] News. I guess it's now a morning paper, so perhaps that's why 102.5 changed from WBEN-FM to WMJQ (there's more magic in the mornings, perhaps). Anyway, the article told about some of the early rock DJs at such stations as WYSL-FM, later WPHD 103.3, and WGR-FM 96.9. DJs who were prominent at the time in that field were Jim Santella, Dave Cahn, Skip Edmunds. John McGhan recently died of Aids.

Speaking of death and pioneering, I have a little of both to mention. My father-in-law, Weldon Patterson, 71, died Nov. 8 of heart disease. He was a nonsmoker, but had a serious heart attack seven years ago. He was known to DXers in the early '70s for his print shop and for doing the club emblem rubber stamp and encouraging the "FM Atlas" to begin.

John Ebeling said Weldon was a "good egg." John has a letter to the editor published in the Duluth "News-Tribune," Nov. 12. It referred to WEBC-FM 92.3, which operated in the late 1940s, and followed an earlier letter I had written. "WEBC-FM provided this area with the first source of true high-fidelity sound," John wrote.

Thanks to "The Staff" (p. 2, Nov.) for the nice plug for my FM Atlas. And look below for "See Also," in which I summarize items from last month's VUD that contain FM station news.

## New FM Stations Granted

Incomplete--some data from last month deleted from computer. This affects most of the columns here.

- AK Sitka KSB2 103.1 3100 h.v.; 198 m
- AZ Buckeye 106.9 3000 h.v.; 91 m
- FL Marianna 93.3 3000 h.v.; 100 m
- IL Cartersville 95.1 3000 h.v.; 100 m
- IL Herrin 92.7 3000 h.v.; 99 m, H. Bcstg.
- KS Augusta (Wichita) 104.5 3000 h.v.; 78 m
- KY London 92.5 3000 h.v.; 100 m
- MD Pocomoke City 106.5 3000 h.v.; 100 m
- MN Granite Falls 93.9 3000 h.v.; 100 m
- MN Paynesville 98.9 5000 h.v.; 150 m
- MS Meridian 102.1 102.1 3000 h.v.; 100 m
- NY Canandaigua \*88.9 200 h.v.; 274 m, Family Life Ministries, g
- TN St. Joseph 101.5 3000 h.v.; 100 m
- BN Tijuana XHTIM 103.3 h.v.; \$, ml, "Stereo Rey"

## Call Letters Assigned

- AZ Sierra Vista 101.7 KXHC
- AR Booneville 104.7 KEZU (KBSS)
- AR Clarksville 106.9 KX10
- AR Marked Tree 93.7 KXHW

*A Happy and Blessed Christmas to Each of You--and a Prosperous and Health-filled Year in 1991!*  
—Bruce, Carol and family

## FCC-FM

CA Orland 106.5 KXHM  
 CA Shafter 104.3 KXHA [to WTKZ]  
 DC Washington 100.3 WDZY (not changing)  
 FL Lafayette 99.9 WHKX (WQHI), 4:57  
 FL Tallahassee \*88.9 WFSU-FM\* (WFSO),  
 heard tating in stereo  
 \*91.5 WFSO (WFSU)  
 IL Christopher 103.5 WUEZ  
 IL Mahomet 105.9 WRZT  
 IL Penna 92.3 WBG5  
 IN Bicknell 105.7 WXSJ  
 IN Tall City 96.9 WKSC  
 MA Boston 96.9 WCDJ (WJIB), j, "CD-96.9"  
 MI Benton Harbor \*94.9 WXSJ  
 MS Lucedale 106.9 WRBE-FM  
 NE Bassett \*90.3 KMNE-FM  
 OR Bend 105.7 KQAK (\*KWBJ)  
 OR Lake Oswego 106.7 KMXI (KMJK), "KMIX"  
 PA Harrisburg \*88.1 WRTQ  
 SC Parris Island 92.1 WDCW (WBHH)  
 TN Manchester 99.7 WQLZ (WMSR-FM)  
 101.5 WFTZ  
 TX Galveston 104.9 KRTX (KGWV), rj

## Facilities Changes Granted

(selected)

LA Lake Providence KLPL-FM 92.7 2000 h,v;44  
 m, CP for location change forfeited 1102 m,  
 C3  
 MN Thief River Falls KSRQ \*90.1 24000 h/v/

## Stereo-Or to be Stereo

CA Orange Cove KMAK 100.3, g, rebroadcasting  
 KAMB 101.5 Merced 100%; on 24 hours.  
 "Local KMAK ID inserted at top of hour."  
 NB Bathurst CKLE 92.9, m, 24 hours on air, with  
 a blend of French and English language  
 vocals; all talk is in French

## See Also November VUD For

CO Delta 95.1 I show calls as KKLY, not  
 "KKDL," Dyer, p. 41  
 KS Junction City KJCK-FM 94.5 Power 95  
 non-D, Allen, p. 40  
 SC St. Stephen WTUA 105.9, s, "Power 106," but  
 need to know if it has Stereo, Sittel, p. 44  
 VA Chesapeake WHRV \*90.3 must be the  
 new-frequency station heard; not WHRD-FM  
 Norfolk, which I list as still being on \*89.5,  
 Sittel, p. 44  
 TA Matamoros X--83.5 new station? Dyer, p.  
 42. If so, what is its format and does it have  
 stereo?

## FM Rulemakings Proposed

(Selected)

First date is deadline for filing comments at the  
 FCC; second date is for replies. Stations affected,  
 if any, are listed before the dates.  
 AL Marion 97.3A to Orville (Selma) AL from  
 97.5A, WJAM, Nov. 30, Dec. 17  
 NM Mora 92.9A, with Socorro  
 NM Socorro KMXX 104.7C to Bosque Farms  
 (Albuquerque) NM, counterproposal  
 OH Chillicothe WKKJ 93.3B to Reynoldsburg  
 (Columbus), counterproposal  
 OH Forest 93.1A, with Reynoldsburg  
 OH Lima (new) 99.2A from 93.1A with  
 Reynoldsburg

## FCC is Coy on Telling Stations When They Can Build

Question arose when I mentioned to a  
 Wisconsin station, WRVM 102.7 Suring,  
 that they may be in violation of FCC  
 rules in constructing a tower base and  
 transmitter building before getting the  
 federal construction permit. This caused  
 Wendell Baxter, general manager, to ask

## KILI to be a NonDX Target?

some rather direct questions of the FCC.  
 "We immediately got on the telephone  
 and called the Operations Bureau in St.  
 Paul. He said that he thought we were in  
 bounds in constructing the transmitter  
 building. I asked him for a letter so that  
 we would have something in our files. He  
 backed off a bit and said they do not  
 send letters from that office and suggested  
 that I call the FM branch at the FCC and  
 ask for an engineer, which I did. I  
 explained to this engineer the condition  
 of our aging tower and the problem with  
 the tower leg and our urgency for  
 construction, and asked him if we could  
 build the transmitter building, and then  
 he volunteered the information that if we  
 wanted to we could go ahead and pour  
 the tower base and put in the anchors. He  
 explained that no steel must go up. The  
 tower can be there laying on the ground  
 but no steel must be erected, otherwise,  
 the construction permit would not be  
 granted. I asked him for a letter so we  
 would have something in our files, and he  
 said that he is giving what is called an  
 "informal opinion," which I placed in  
 our telephone log. He further told me  
 that he carries a lot of weight in that  
 department.

"So it seems we are on safe ground to  
 build the transmitter building itself and  
 also pour the cement for the tower base  
 and the anchors. We do appreciate very  
 much your concern and your note to us.  
 Please pray for this project."

## Digital Audio Broadcasting—Is It All It's Cracked Up to Be?

From what I've been reading, I'd say  
 no. But first, a summary of what's new  
 on the DAB front. Dr. John Abel, VP/  
 operations-NAB, cites the advantages of  
 DAB: better frequency response and  
 sound quality, no multipath interference,  
 low power requirement and spectrum  
 efficiency. The NAB's DAB Task Force is  
 researching the spectrum with an eye to  
 accommodating all existing AM and FM  
 stations, and the NAB has issued "Digital  
 Audio Broadcasting: Status Report and  
 Outlook." Price and ordering information  
 from NAB Services at (800) 368-5644.

On the heels of the NAB's inquiry  
 about spectrum is the FCC, which has  
 proposed three possible bands in which  
 DAB might be accommodated (all stated  
 in mhz, or megahertz [megacycles per  
 second]): 728-788; 1493-1525; 2390-  
 2490. The first group, 728 to 788 mhz,  
 would involve UHF TV channels 58  
 through 66, and the need to share that  
 part of the spectrum, which might work  
 for terrestrial DAB, but from a satellite  
 might cause havoc to TV stations. In the  
 case of 1493-1525 mhz, aeronautical mobile  
 telemetry spectrum users would have to  
 move to 2390-2450 mhz.

A more sobering aspect of DAB, versus  
 FM, appeared in the form of a letter to  
 the editor of *Broadcast Technology*  
 magazine from one Timothy Brown,  
 Aurora ON, who says, in part: "I believe  
 the radio broadcast industry has grown  
 insensitive to audio signal integrity in the

December, 1990

last 10 to 15 years, due to groundless  
 belief that signal compression provides a  
 psycho-acoustical inducement for listeners  
 to tune in. It has become commonplace  
 for commercial FM broadcasters, regard-  
 less of format, to over-process a station's  
 audio to the point where an unpleasant,  
 harsh distortion results. This "wall of  
 noise" approach removes musical texture,  
 destroys stereo imaging and pumps up  
 mid-range sounds at the expense of bass  
 and treble. With that sort of sonic fatigue,  
 it is no wonder that the once loyal radio  
 audience has chosen cleaner-sounding  
 alternatives like the compact disc, DAT  
 and even stereo Music Television.

"DAB appears to have some very  
 exciting advantages over conventional  
 radio broadcasting techniques. As we  
 look over our shoulders at this looming  
 technology, we are forgetting that a  
 well-engineered FM broadcast signal can  
 provide sound that is surprisingly close to  
 that of the source material."

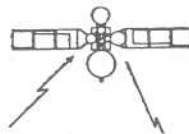
This all leads to the following caveats I  
 see regarding DAB: ■ DAB appears to be  
 an "all-or-nothing" signal with no fringe  
 area; reception beyond 30 miles, especially  
 on a car radio, may be impossible. Tests  
 in Toronto indicated that reception fell  
 off dramatically at 48-50 km. ■ DAB, as  
 proposed, will be exclusively for broad-  
 casters who already are entrenched with  
 AM and FM stations; there will be no (or  
 very little) room for newcomers—or for  
 new DAB services as market needs, such  
 as expanding populations, develop.

■ Suburban and rural places may not  
 benefit from DAB, and opportunities for  
 upgrades to serve nearby larger cities may  
 not exist as they now do on FM. ■ Opportunities to provide service and to  
 profit from subcarriers will not exist with  
 DAB, as they do with FM. Rather than  
 looking for DAB to replace FM, I would  
 expect it to be supplementary to FM, and  
 perhaps never surpassing the FM system  
 in total audience. FM, with good  
 engineering, is capable of producing as  
 good audio as virtually anybody can hear.  
 DAB, being a "bundled" service, could  
 only grow in an area when a group of  
 broadcasters want to take to the air—  
 perhaps 16 or so at one time. It will be  
 cumbersome to regulate and will stymie  
 individual entrepreneurship, as well as  
 making pirate broadcasting, or low power  
 FM via translators more difficult to do. A  
 good way for DAB to develop, if techni-  
 cally possible, would be for it to exist  
 on one of the subcarriers of an FM  
 station, companded and retrieved in the  
 receiver to reproduce the program digitally  
 as DAB, or in analog form as a regular FM  
 station.

## Other Small-Print News Happenings and FM Industry News

The FCC's \$35 fee for a radio operator's  
 permit will not be rescinded, this despite efforts  
 by the National Federation of Community  
 Broadcasters. So now kids who come in and work  
 part-time at a commercial station or those who  
 volunteer at a public station will have to pay that  
 fee. It might result in less volunteerism, which  
 goes against one of George Bush's goals for a  
 kinder, gentler nation.

KILI \*90.1 Porcupine SD, one of the  
 nation's few native American-owned media  
 voices, is in a financial crisis. It faces a shortfall of  
 up to \$150,000 from its budget of \$300,000.



## SATELLITE NEWS

GEORGE W. JENSEN  
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 Baltimore, MD 21206-4220

Greetings again:  
 Changes always occur on Satellite - even with regular  
 services. Again listed below are as many of those  
 changes that I have found at the moment. These changes  
 have been noted in several sources and are from personal  
 observations.

Rumors persist that a Gaming (Gambling) Network will  
 soon exist originating from Las Vegas around the first  
 part 1991.

BTN - The Baptist Telecommunications Network on Spacenet 1  
 has gone dark (was primarily a teacher training channel).  
 The XPDR - 21 is still in use however with a TVRO type  
 shopping channel with some limited programming also.

Also on Spacenet 1 - HSN - Hospital Satellite Network  
 on XPDR 11 has gone dark and apparently in full time on  
 it's Ku channel.

Silent Network and the new America's Disability Channel  
 are now on Satcom 4 XPDR 24 AM's.

From Bernd Trutenau of Germany comes word that the KNR  
 radio service of Greenland Radio has moved to  
 another location from Intelsat V-F4 to someplace else.  
 I do not have SCPC yet so I can't offer any advice as to  
 where the service has relocated. Anyone else know.

On October 12 and carried live from Lourou, French Guiana  
 via Westar 4 ArienneSpace/Hughes launched successfully  
 Galaxy VI and SBS VI.  
 Both are now in orbit. Galaxy is located just to the east  
 of Galaxy 3 (don't know it's exact coordinates) and is  
 operating with test card on XPDR 15 and has had some  
 football feeds. It's probably 91 W where the old Westar  
 3 was located. Nothing has been seen from SBS-6 which  
 is completely Ku and should be aligned with Satcom 2.

USA Direct - a shopping channel has been noted on T-2 17.  
 Night Action a limited time Adult Service will operate  
 on Spacenet 3 XPDR 11 in the very early AM's with VC2.

In Court will be located on Satcom 3 XPDR 24 by Dec 1.  
 This will cause the eventual move of RAI USA to another  
 location.

Check-Out which was on Spacenet 1 XPDR 24 (Uniden format)  
 has not been seen lately - perhaps it has been bagged and  
 checked out.

Morelos 2 - XPDR 10 had briefly something called Ch 28.  
 Seemed to be Sports oriented. New Televisa type movie  
 service has been noted on XPDR 9. The Telemex  
 Hermosillo service has disappeared and has been reported to  
 be on Morelos 1 XPDR 15. Someday the signals on Morelos 1  
 will stabilize? The Imevision feed on XPDR 2 is now almost  
 non-existent, yet the Multi-Deporte feed is almost snlv free  
 at this location. All of the signals that I get from this  
 bird vary greatly.

Lastly comes a surprise. Many remote political election  
 return feeds (3) noted on PanAmSat on the Ku side pri-  
 mary election night with a basketball feed noted on ACS  
 in the clear on the Ku side. *Oliver*



# EASTERN TV-DX

DECEMBER 1990 ----- CUTOFF 10-1-90 --- DEADLINE JANUARY 5th 1991

Bill Nienajadly  
PO Box 2999  
Clifton NJ 07015-2999  
201-478-3044 no collect

GULF TROPO OUT TO 900 MILES, NORTH CAROLINA UHF's REACH NY STATE AND CANADA!, ALABAMA TO NY!!!  
AND MUCH MORE GREAT TROPO!

Highlites include: COMBS 901 miles to Mexico, HOLLIS 740 miles to Texas, REID 690 mi to M.O.  
HAYES to VT., SEYBOLD to AL & NC! CONIGLIO 458 mi to Chicago, BRYANT Hi-Band 372 mi to AL,  
HEPBURN 580 miles to N.C.!!!, SITTEL 352 to Philly, Wolf nice coastal tropo 2 New reporters!  
October 14 th turned out to be a good date for excellent tropo, And...still more reports of Super rare path tropo on  
September 4th! This very late summer/ early fall season turned out to be a winner for a lot of reporters to ETVDX!  
1990 turned out to be a very good year for E-skip and tropo! Lets hope 1991 is even better! Thanx to all who reported!

John F Combs PO Box 7581 Tallahassee Florida  
From Tallahassee October 1990

- 5 Tr 0845  $\phi$  noted on TV, but KITT 93.7 Shreveport LA noted on truck FM! about 600 mi
- 6 Tr 0605-0630 Using built in rod on 2" TV on ground floor (below street level) of motel;  
WTBS-17, WPBA-30, WATL-36, WGNX-46 Atlanta GA 231-233 mi: WJCL-22 Savannah GA (205)
- 14 Tr 0630-0730 New QTH inaugurated with Gulf tropo!!! KLTJ-22 Galveston TX in by itself w/no  
other TX/LA in: also WLET-3 Jackson MS (381) with  $\phi$  else seen in that direction!  
A few weak UNIDs, but by 0730 all had F/Out and I went back to bed. Bad move.....  
11:30-12:00+ Lots of activity but fading fast! WBRZ-2 LA (413), WLOX-13-MS (288),  
WXXV-25-MS (286), KTXH-20, KRIV-26, KHTV-39 TX (673-674), KLIL-18 LA (520), KLPB-24 LA-  
(7484), KVHP-29 LA (5337), WFLA-33 LA (417), WDM-7 (305), Also an unid-46 w/VJN-this  
is not W46AN Panama City- Carlton believes this to be in Baton Rouge- can anyone con-  
firm? 2250-0030 KVFO-23 TX (875) w/NBC occasionally over WSRF-23: XERV-9 Reynosa TA  
(901) noted ECO prgmg over/under W9BI; also WGN0-26, WNOL-38 LA (340)
- 15 Tr 0500-0600 XERV-9 TA (901) again, plus an unid-10//w/ECO- is this Monterey or does  
KZTV-10 carry ECO in the wee hours? KEITH-14 TX (673)+ other Houston U's and New  
Orleans 26,38. Lots of UNIDs too.
- 19 Tr 0735 New Orleans 26,38.

A promotion and transfer have bought to Tallahassee. New QTH is in a 2-floor townhouse apt.  
(2nd & 3rd floors) with a 2nd floor balcony facing west, located on a high point of ground: I  
have the UHF 4 bay and small "camping" VHF antenna set up on the balcony. The same day I set  
them up I was rewarded with a nice housewarming gift-Gulf tropo! I knew that this set up would  
do well to the West-the loggings above confirmed my theory! E-skip here should be good with  
2-5 free and WCTV-6 easily nulled at 25 miles distance. This apartment will be my DX location  
for at least the next 2 years, so I can live with the other directions being less than perfect.

Its frustrating to leave Jacksonville with 398 stations logged- 2 short of my goal of 400. Maybe  
a couple of new LPTVs will go on in that area and I can log them, hi! 73 John

Bob Seybold 10567 Bennett Rd Durkirk NY

To summarize September and October tropo, there were a few good openings, a few unexpected  
shrt lived & generally weak openings and the last one today (Oct 24th) earlier with a few weak  
but surprise loggings.  
September 1990

- 8 DX expedition weekend to nearby hills and home- had visitors namely Dave Nieman, George-  
Greene, Bruce Hall, Greg Coniglio, Bob Smolarek: DX seen; Ft Wayne U's: South Bend U's  
new TV-50 in Mansfield Ohio: new TV-59 in Ashland Ohio; Columbus U's, WCMU-14: Michigan U's  
good: Sandusky 52: Newark, Ohio-51: WCET 48: Dayton U's: WJTC 26: WBGU 27: Grand Rapids 17 &  
35: Kalamazoo 52: Syracuse, Watertown (H20 town-BN): Altoona 47: Scranton U's: Morgantown  
translator on 41: WDEL-63 Pittsburgh: Late afternoon and evening tropo : Cadillac 9 & 33:  
Sault St. Marie 10: WCMU 14: Little Current 16: Wa Wa 16: Ontario U's to the North super:  
Sunbury 5: Madison & Green Bay U's: Milwaukee 18 & 36:
- 9 A few left overs up to 8 AM mostly Michigan U's: South Bend 16 & 46: Ft Wayne 15, then more  
rain & end of tropo.
- 10 Some pickup in tropo late in day-Cadillac 33 in briefly.
- 11 Trops-Chicago U's 26,32,38, Kalamazoo 52: Michigan U's 41,25,23,28,14-good: South Bend 16  
& 46- east up-Watertown, Syracuse, Elmira, Binghamton-Newark 51, WTAP-15: WHIZ-18
- 12-30 Occasional tropo in period but nothing real super and not frequent either- Chicago U's  
seen a couple of times, also Ohio Valley in on a few occ, especially Columbus, Dayton- Ken-  
tucky in on a few occasions: South Bend, Ft Wayne rather often. (Bob's report continues)

Eastern TV DX

December 1990

Bob Seybold continued

October 1990

- 7 One of the better trop days: Kentucky U's 15,32,27,36,52,38: WEMT-39 (Tenn) WTAP-15: W. VA  
46: Southren Ohio U's: Michigan, South Bend, Ft Wayne, Rockford, Chicago U's, La Salle 35:  
Indiana U's 18,23,42,63,59,40 & 20 & Green Bay U's, Madison 15,
- 14 Trops-Tenn- WEMT -39:Nashville 30: WOWL 15 Alabama, Kentucky U's-Lexington 18,27 & 36  
Moorhead 38: Darville 56: Owenton 52: Louisville 15,32,41:WBNA 21 Columbus, Dayton, Cinci-  
mati, Central Ohio: WTAP-15, shifting to Indiana & Chicago later.
- 21 Trops-Chicago, Rockford, South Bend, Ft Wayne, Richmond 43, Bloomington 42 & 63: WCMU-14  
Southern Ohio again, WTAP-15.
- 22 Trops-Lexington U's, Louisville 15,32 & 41: Darville 56: Owenton 52, Columbus Newark, Dayton  
U's,
- 23 Central Ohio: Columbus:Dayton U's WJTC-26- Newark 51 good, WTAP-15.
- 24 Trops-General conditions down but surprise opening to the South to Southeast, all other  
directions practically dead-WEMT-39: Nashville 30: WKFT-40 (new), WUNP-36 (new); WPTF 28  
WRDG 16 (new) (all North Carolina listed here-BN) ; WLXF 61 Greensboro NC (new) 73 Bob

Eric Voytko 1721 Dalewood Place Mc Lean VA 22101 \*\*\*\*NEW REPORTER\*\*\*\*

Equipment Used: Archer 15-1647 combo, 15-1108 mast mounted preamp, RG-6, Zenith SG279BG  
Upgrade (Oct 6) C/M 4250 6' Dish, Winegard PA-4975, RG-11, Up 35 ft A.G. 37 stations logged

September 1990

- |                           |                                 |                      |
|---------------------------|---------------------------------|----------------------|
| 4 Tr 1030 WBRE 28 PA 182  | 30 Tr 0525 WFLA 22 NC 227       | 0550 WXIV 41(NY) 220 |
| 1705 WTAJ 10 PA 136       | 0530 WKFT 40 NC 286 Note#1      | WNJU 47(NY) 188      |
| 5 Tr 0610 WJCM 40 NJ 130  | 0620 WAAP 16 NC 236             | 0749 WNJS 23 NJ 135  |
| 29 Tr 0517 WPTF 28 NC 227 | October 1990                    | WHSI 67 NY 247       |
| first time o/200 mi       | 7 Tr 0038 WNPB 44 WV 162 Note#2 | 0758 WNAC 64 RI 354  |
| 30 Tr 0520 WPTF 28 NC 227 | 0542 WHSP 65 NJ 117             |                      |

Note#1 Was repeating WRAL-5 Raleigh, White's Radio log lists city for WKFT as Fayetteville,  
which would make this a slightly better catch at 286 miles if I'm correct.

Note #2 Test pattern read WNPB Morgantown, However this station is visible (although barely)  
in daily scatter which leads me to believe I'm seeing a closer relay Heard announcer  
mention something about returning to full power. Whats the scoop? (I don't know-BN)

It has been an exciting two-months at this 'rookie station'. With each opening seeming to be  
better than the last. The DC area is jammed with stations which makes for many headaches, but  
are also a lot of targets in all directions if these locals can be over come or avoided

Scatter is out about 110 miles, with Philadelphia U's often present as well. I installed my  
dish in time for the tropo opening on Oct 6/7 when everything seemed to come in all at once,  
with WNAC being a unexpected treat. The NJ U's were local quality at the time.

Im saving my pennies for a C/M 1110 to complete my upgrade and I'll be anxiously await E-skip  
season's return (I've never stumbled upon it, but in '91 I'll be looking!) Meanwhile, trying  
to null out 10 powerful locals will be my current task, and probably my ticket to the "rubber  
room" as well. I would like to thank Tim McVey for sending reprints and tech tips to get me  
caught up. The literature and advice has been invaluable 73's and happy hunting-LEFTY

Harry Hayes 9 Henry St Wilkes Barre PA 18702

Equipment; 1971 Chromacolor-VHF Ch. 2 Quad loop, UHF CM 6' dish. Winegard PA 4975 in attic.  
(No rotor, must run up and down steps)

September 1990

- |                               |                           |                       |
|-------------------------------|---------------------------|-----------------------|
| 4 Tr 1840 WITA 41 VT best sig | 4 Tr 2143 WEIK 33 VT //41 | 14 Tr 0100 WHAG 25 MD |
| w/VT legislature prg          | 2200 WNNB 31 NH w/NBC     | w/"25 Alive" ID       |

ES Died after 7/20. Nothing at all noted in August. The good tropo I was hoping for this  
fall did not materialize, at least not in mountainous PA. I would do my DXing a favor if I  
decide to move. Enough crying. I am not counting out November-remember 1986 everyone at  
Thanksgiving! It wasn't warm either when the best tropo of all time took place. See ya & 73

Michael Reid 1408-65 Spring Garden Ave North York Ont M2N 6H9

1977 Zenith B &amp; W TV, Rs two bay ant, 105 AG, AC 4990: Icom R-7000 after 10/2

## August, 1990

4 Tr 0112 CBFT 54 ON	4 Tr 1022 WNEP 16 PA	8 Tr 0945 WOLF 38 PA
0143 CFJP 35 PQ	1025 WYOU 22 PA	2350 Ft Wayne 39,55
0756 WFWA 39 IN	1040 WIIB 63 IN	12 Tr 0700 WANE 15 IN
7 Tr 0320 CBLN3 64 ON	1055 KDNL 30 MO	0700 WKJG 33 IN
0320 WUPW 36 OH	1057 WOLF 38 PA	0710 WADL 38 MI
2300 CHLF2 39 OH	1100 WICD 15 IL	0713 WKAR 23 MI
10 Tr 0135 CBOT4 51 ON	1128 WUNF 33 NC	0717 WMGC 34 NY
0139 CICO92 55 ON	1230 WTVQ 36 KY	0720 W65AJ NY
0250 CICO24 24 PQ	1246 WXIN 59 IN	0732 W60AD NY
12 Tr 0450 CBLN5 20 ON	1300 WKZT 23 KY	0740 WFWA 39 IN
W/WNEO audio	1300 WLKY 32(IN)	0830 W62AN NY
17 Tr 0832 CICO32 32 ON	1320 WHMB 40 IN-s/f	0855 WGGN 52 OH
0834 CBLN4 45 ON	1404 CIVS 45 PQ	0920 W66BV MI
0850 WGTE 30 OH	1459 WVIA 44 PA	0952 W14AH NY
0927 WGGN 52 OH	1500 WNEE 31 VT note # 3	0952 WETM 18 NY
26 Tr 0315 KDNL 30 MO	(Michael, I last observed	2130 W59BV NY
0315 WHSL 46 MO	this station as WNEE and I	x1Tr/WNYB-49
0344 KNLC 24 MO	have it on tape. Joe Fela	27 Tr 0746 W66BV MI
0346 KBST 23 MO	also observed WNEE calls)	0746 WUCX 35 MI
see note # 1	1512 WHSP 65 NJ	0746 CBLN4 45 ON
28 Tr 0152 Detroit--	2157 WOSU 34 OH	0746 CBLN2 34
20,38,50,56,62	2157 WBRA 15 VA	0800 WFWA 39 IN
0710 WYOU 22 PA	2210 UNID 66 Tp	0802CBLF17 68 ON
0710 WNEP 16 PA	(WTKK Manasses VA?-BN)	OCTOBER 1990
29 Tr 0430 WEYI 25 MI	2322 WEMT 39 TN	12 Tr 0327 WTTT 28 OH
0430 WUPW 36 OH	2240 WFFT 55 IN	0330 WANE 15 IN
0430 WSMH 66 MI	2240 WFWA 39 IN	13 Tr 1050 Ft Wayne 39,55
0530 WETM 18 NY	6 Tr 0026 WKAR 23 MI	1058 WKAR 23 MI
0559 WUTR 20 NY	0043 WHIZ 18 OH	0703 WXIX 19 OH
September 1990	0106 WPTT 22 PA	0715 WLKY 32(IN)
2 Tr 0310 CBLN2 34 ON	0125 WMGC 34 NY	0715 WKET 22 OH
0314 CICO24 24 PQ	0748 WNEP 16 PA	0825 WCET 48 OH
0317 WEYI 25 MI	0927 WVIA 44 PA	0844 WLIO 35 OH
0320 CHOT 40 PQ	1425 WWLF 56 PA	0849 WTVQ 36 KY
4 Tr BIG TROPS; 13 STATES	see note # 4	0855 WIII 64 OH
and 2 PROVINCES (Great!-BN)	1430 WSKG 46 NY	0857 WOSU 34 OH
0915 WUPW 28 MI	1435 CIVO 30 PQ	0900 WKMR 38 KY
0915 WIHT 31 MI	1440 WLYH 15 PA	0903 WKON 52 KY
0917 WKAR 23 MI	1440 W14AH 14 NY	0936 WEMT 39 TN
0920 WKPI 22 KY	1452 CIVS 45 PQ	0945 WGPT 36 MD
0932 WMGC 34 NY	1520 CFJP 35 PQ	1010 WKJG 33 IN
0935 WEMT 39 TN	1520 CIVQ 15 PQ	1015 WMSY 52 VA
see Note # 2	1535 CHLF2 39 ON	1145 WVNY 22 VT
1000 WFWA 39 IN	8 Tr 0932 WNEP 16 PA	
1016 WPTA 21 IN	0932 WYOU 22 PA	

Note # 1, New distance record for this address (aprox 690 mi ) and among the Top 5 for Toronto over all for troops.

Note # 2, In most of the time until 1345, this opening could easily be the best in 11 years and would stand up to the best of the 'good old days.

Note # 3, Ex WNEE. What are the current calls? (See my comments above, it is in fact WNEE-BN)

Note # 4, After noticing the morning haze never burned off, I checked the band and saw Bing-hampton/Scranton area U's snowfree, this opening produced a couple of strange UNIDs ...a ch 61 with EE cartoons (could very well be WTIC-61 Hartford CT-BN) and a ch 51 with what looked like part of a 900-number service or a rock video (see future CCI column for details). The Quebec stations were a surprise, seeing CIVQ and getting CIVS just two days after the last reception of it.

Up to the fall, I didn't think this year's troops was as good as recent years. There were few opening of the type that bring in the South shore of Lake Erie and extend across to Fort Wayne for example. Past season pests such as W62AN-NY, W64AK-OH barely showed up. Aug 1-3 produced no major openings, unlike 1987-1989. Several of those years produced only fair-poor Septembers, not the case of this year. (Please see next page for the rest of Michael's comments-BN)

Michael Reid continued;

I am not sure of some calls. I know WIHT-31 has changed and who is this WIXI I read about in ETVDX? WXIX? (Ed note; Hmm I must have read it and typed it wrong, dyslexia is likely, hi! Any way WXIX is 19 Newport KY, NOT Ch 31. Which issue of ETVDX was that WIXI listed-BN)

I haven't had my R7000 long enough to fully judge it, (The Midwest DX-ers clean up DX on it-BN) but I do notice images of local stations are not uncommon. The image rejection is only 60 db too low really. However when it works, it works. The results of the 10/14 opening wouldn't have been the same with out it! Imagine hearing three ch. 52's (WMSY (-), WGGN (Z), WKON (+) at the same time on each offset. ( I know, I read other R-7000 owners comments too, they all said the same thing about the unique offset ability. I would say the R-7000 likely has narrowband filter-s, too bad that the filters used in the R-7000 aren't available to TV DX-er's...or ARE they? Could some one investigate?-BN)

In the September VUD, Bill Hepburn notes an UN-ID VJN on ch 35. In Syracuse there is a Cp for an LPTV on ch 35, owned by the same person as W11BP and W18AL. If this is the station, why is it not listed in the WSNR ID? (I don't know; write to them, find out and let us know-BN) By the way WSNR is no longer with VJN, they now run job listings or something like it 73,s Mike

Greg Coniglio 5100 Glenwood Drive Williamsville NY 14221

## October 1990

14 Tr 1200 WOSU-34-OH (310) Other UNIDs possible SW Ohio an KY, 2330 Youngstown U's  
20 Tr 0935 WTLJ-54-MI-378-v/g, 0930 WGVU-35-MI (350), 1000 WHME-46-IN (391)-v/g, 1030 WNIIT-34-IN -391, 1200 WFLD-32-IL (45B) ns/f, Chicago 38,60 also in, plus minor opening to SE including tent; WLVT-39 PA (Greg! You should count them, I // -ed on the phone when we were talking recently-BN) plus tent WHSE-68-NY (Count them too-BN)  
2230 CBLN repeaters 20,45 v/g.

21 Tr 1845 WUPW 36 OH 255

23 Tr 2200 Youngstown U's 2230 WSFJt 51 OH

Not a bad October for trop; Hear others had better stuff on the 14th. The 20th was nice-very strong to the west, but things to the SE were just barely in. Thanks to Fred Mc Cormack for ID-ing some of my Ocean City UNIDs, and my UNID 46 HSN as WHSL East St. Louis, IL Thanks! 73 Greg

(Greg I hope you didn't mind too much that I did this up this way, spread out narrative type, the reason is because comments along with loggings are easier to read when spread out-BN)

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

## September 1990

28 Tr 2052 UNID 2-z	4 Tr 2216 NC 16,22,28,34	7 tr 2131 WYED 17 NC 248
2157 WNEO 45 OH t	2324 WUNP 36 NC 195	10 Tr? 1910 cci 2z, 3cci
29 Tr 0711 UNID 2 -	6 Tr 0813 PA 40, NC 25 t	13 Tr 0200 WPTF 28 NC 251
0933 WNEO 45 OH	to WLIW-21-NY, NYC 31	0200 WKFT 40 NC 265
30 Tr 0748 WYED 17 NC 248	0830 W40AH VA	0200 WYED 17 NC 248
0748 WPTF 28 NC 251	0830 WLIW 55 NY 253	15 Tr 0655 NC 11, WYED 17
CT 30 61	0839 WPMT 43 PA t	TO 28,34 WUNP-36
0803 WHSW 24-cci over	0842 WYED,WPTF,WKFT	0719 WKFT 40 NC.
0824 WUNP 36 NC 195	- or Z over WHSW	
0828 WLVT 39 PA 136	0850 NYC 40,47 t	17 Tr 0018 WYED 17 NC 248
0828 WKFT 40 NC 265	0857 WLFL 22 NC 251	0018 WPTF 28 NC 251
0828+OH43 WNEO t	0859 W41AC VA 114	0018 WKBN 27 OH t
0910 WLFL 22 NC 251	0915 W34AX NC t	0323 WKFT 40 NC 265
0953 WRDG 16 NC 251	1008 W44AA WV t	2350 WNEP 16 PA t
1334 WYED 17 NC 248	w/no audio/video	
October 1990	2345 WYED 17 NC 248	18 Tr 0020 PA 15 good, 43t
4 Tr 1822 WRDG 16 NC 251	7 Tr 0108 WPDE 15 SC	0044 cci o/W48AW
1822 WLFL 22 NC 251	0116 WPTF 28 NC 251	0717 WYED 17 NC 248
1823 WKFT 40 NC 265	0137 WKFT 40 NC 265	
1902 WYED 17 NC 248	0148 WTAT 24 SC t	20 Tr 2211 WPTF 28 NC 251
1930 W34AX NC t	0311 WNRW 45 NC t	
1932 WPDE 15 SC 349	"Fox 45" ID 3/4 cb	21 Tr 0110 WKBN 27 OH t
1944 20 Khz cci	0315 WJZY 46 NC 339	0127 WPTF 28 NC 251
over WYED-17	0319 WCNC 36 NC 332	
1950 WBTV 13 SCT	0824 WPTF 28 NC 251	
2000 47+,z cci over	0828 WLIW 55 NY 253	
WMDT	2131 WYED 17 NC 248	

William R. Hepburn - 1211-1547 Mississauga Vly - Mississauga, ON L5A 3X8

Equipment: JVC HR-D630U VCR w/indoor 4-bay UHF

October 1990

(EDT) (EST)  
 14 Tr 0636 WHNS 21 NC 580 29 Tr 2352 WETO 29 TN 540 \$ Harrisburg-York  
 Asheville 30 Tr 0055 WKY 32 KY 485 \$ 0252 WYOU 22 PA 260 \$  
 0640 WUNF 33 NC 580 (w/CBS ex-ABC) w/WML-43 WK SAR  
 Asheville (NCPT) 0057 Dast 22,26,45 340 (Powerful s/f Pix)

\* Farthest UHF so far \*

Comments: North Carolina UHF makes it into Canada! NOTHING else was coming in on the 14th except for the two Asheville stations and the usual Youngstown OH bunch. Weak Fluttery signals. High-Pressure ridge was lined up exactly from Toronto to Asheville. WHNS was buried once WFMJ came on the air. WUNF was fighting it out w/WYTV and just barely made it on top. Hope November continues with the good fall tropes...73s, Bill.

Tom Bryant 849 Todd Preis Dr: Nashville TN 37221 (Central time)

October 1990

4 Tr 2229 WKOP 15 TN 164 4 Tr 2238 WKXT 8 TN 164 14 Tr 0103 WALA 10 AL 372  
 2229 WCET 22 TN 87 2250 CCI 5 Heavy 0105 WAKA 8 AL 268  
 2230 WATE 6 TN 184 2259 WCIQ 7 AL 186 0119 WDAM 7 MS 344  
 2230 WMTT 28 TN 85 2345 Memphis-3,5,10,13,14 0135 WSB 2 GA 212

Notes: There was a lot of other Tr activity during October, but these were the most significant catches. The 10/4 opening to Knoxville was the hottest ever. 10 was local quality and 8 (which is nulled in this direction to protect WDCN) was creating some CCI while local 8 was on, and signal strength about half that of WBIR after WDCN went off. 15 was my first Knoxville U... I had searched for WTVK for 25 years while it was on 26 and NEVER saw it! Paths to Cookeville are also rare due to hilly terrain. CCI on 5 either WSB or WCYB. No trace of 11 Johnson City. 2nd time ever for WCIQ. All Memphis channels in except 30: no CCI noted there.

10/14; All repeats but all relatively rare. Second time ever for WDAM. WSB steady until I turned in after 0300. Oddly enough, there were no traces of any other Atlanta signals. Tropes are strange in this neck of the woods: and where these short distances wouldn't be unusual elsewhere the hills and the mountains of Middle and East Tennessee really create major barriers.

GOODXING TO ALL AND BEST WISHES FOR A HAPPY HOLIDAY SEASON! --Tom

(Tom, I could relate to the mountain problem that you are talking about. My elevation here is around 200 feet at best and to the Northwest I have a 650 ft mountain (Paterson Mtns) looking right down on me. Not to mention the Pocono, Allegeny 100-200 West of me. Also the Ramapo, Catskills to the North. The various mountains to the Southwest of me and much more blockage with houses all around. That is why you will likely never see me report Elmira NY, Johnstown PA, Buffalo and Utica, Watertown to the North. That is why when I seen Ohio recently I was in shock! That is why even though some DX-ers in recent reports seen stuff out to 350-600 miles it was a event because of the VERY ROUGH Terrain they had to go thru to get thier 500 mile DX. 500 mile rough path tropo (over the mountain) would be compared to 1000 mile tropo over flat terrain! So even 80 miles (thru a bunch of high mountain ranges) would be compared to 400-500 miles over the lake. When I see Norfolk VA on UHF at 307 miles, it is fair DX. But if I seen Buffalo NY (which I haven't yet) at 275 miles, Now THAT would be REAL DX for me! See the difference?-BN)

Mike Hardester P.O. Box 8159 Camp Lejeune NC 28542-8159 \*\*\*\*NEW REPORTER\*\*\*\*

This AM, as I do each AM before heading off to work (US Navy) I tuned through the channels (2-13) to see if anything unusual can be noted. At 0553 (EST) this AM (6 November), I noted weak video on channel 8 (cable 8) and a fade in with a apparent PSA plate with the following in the corner; "WGHPiedmont 8". Just as that plate cleared the screen, there was a brief return to the "Financial News Network" program, and then the 'local' FOX station (WFXI-8 in Moorhead City N.C.) kicked on its transmitter and ID plate.

So Im curious where WGHP-8 is located. (High Point NC listed as a ABC station-BN) However, having experienced such reception in the past (on a cable hook-up), Im curious how reception of a station not one of the cable company's, is able to be seen on a 'closed' system.

(Simple; Normally cable systems block out or 'mute' a channel when the 'local' is off the air; but sometimes due to tropo conditions the mute threshold can be overridden by a station faraway if the signal is strong enough. If your cable system does not 'mute' a blank channel then anything can be picked up (at the cable head end) and be retransmitted thru your cable system, on the same channel you are watching.-BN)

Matt Sittel Po Box 21421 Raleigh NC 27607

Equipment: Sanyo 13" TV, Archer 4 Bay UHF antenna, rabbit ears for VHF.

September 1990

26 Tr 0817-0822: WHMM-32 in, some other nearer stuff and to the South enhanced.  
 29 Tr 0819-1007: Nice opening, WWBT-12 in color, but WRLH-35 Wasn't!? Baltimore 24,54, DC on 20,26,32,50: WNVG-56, WTKK-66, also WVIR-29, CCI noted behind WLFV-22 Annapolis MD ? Big surprise was after almost all of it faded out: in came WTXF-29-PA (352) "Fox-29" 2100-215 :DC 26 & 32 in.  
 30 Tr 0913-0916; WHMM in, also 57 Richmond.

October 1990

2 Tr 0815-0901: Another nice opening. DC 20,26,32,50, Baltimore 24,54. Northren VA 53,56,66 & -29 Charlottesville. New was WHSP-65 NJ (My state! Joisey!-BN) UNids on 49 & 51 Who? (Matt your 49 could be WCCB-PA and 51 could be Reading PA)  
 3 Tr 0815-0830: Roanoke on 7 in color ! Over WITN & 10 & 38. (WHSP-65-NJ is 347 miles-BN)  
 4 Tr 1630-2251: One of the BEST openings I've ever gotten in on! There was a cold front West of here, and after a line of storms preceding it came through, DX was great! Best signals ever seen from DC 20,26,32 & 50 in nicely. Baltimore 24,45 & 54 all but 45 in color. Northren VA 53,56,66. Much thanks to Mike Wimer who helped me ID WTGI-61- (NJ) (333) & WZXX-65 (154). Big surprise was a color signal coming from out of nowhere from "Fox 43" WPMT-43 (PA) (319). As the evening went on, VHF at times was like E-skip...10 Columbia was strong for hours Rare 38 Greenwood SC in along with Charlotte 36,42,46 nice.  
 5 Tr 0753-0837: Not much left from the night before. 10 & 57 Columbia, plus 7 Charleston.  
 6 Tr 0708-1125: Our own ETVDX editor tipped me off to some nice DX up his way (Glad to help out a fellow DX-er-BN), that wasn't immediately evident to be occurring here. But it soon was...Charleston, SC on 2, 4 (only 2nd time evr seen, over WUNC-4) 7, 24, Columbia 10,25 (strong!) 35,57,27 Sumter, 14 Allendale, & 20 Wrens GA.(all now very hard to get as I face North now, not South like my first 2 years here at school) Also DC in by itself 32 DC.  
 7 Tr 0848-1156: Weak signals, but still DX: DC & Balt, 20,24,26,32,54  
 7 & 8 Tr 2245-0009; Another good opening! Charleston on 4,7 (in color!!) Columbia 10,19,35, 57, 27 Sumter 14 Allendale (12 in color!!) 26 Augusta in.  
 9 Tr 0800-0802: DC all alone on 32.  
 12 Tr 0800-0841: DC on 20, Baltimore 24, Northern VA 53.  
 17 Tr 0815-0849: Strong opening; DC 20,26,32,50, Balt. 24 45 54 (strongest ever seen) 23 Richmond near local strength, 29 Charlottesville, Northren VA 53,56, 43 York in color again, and with it a new log; WHTM 27 VA 331 popped in over Portsmouth just before I left for class.

October produced some great DX early in the month and on the 17th, conditions have been poor since, Good DX to all & 73's Matt

Michael P. Hollis 40 Lakewood St. Mary Esther FL 32569 (CDST)

October 1990  
 14 Tr 0544 59 NC --- 14 Tr 0707 WRTT 26 AL 320 15 Tr 0552 KAVU 25 TX 650  
 0566 WBIR 10 TN 410 0710 WCTE 22 TN 400 0735 WFLI 53 TN 330  
 0613 33 TN --- WDSI 61 TN 330  
 0630 Atlanta U's270 0553 KHTV 39 TX 530  
 0636 WHNT 19 AL 300 KABB 29 TX 740  
 0658 WHTN 39 TN 380 15 Tr 0554 KETH 14 TX 530  
 0555 KRIV 26 TX 530  
 0557 KXLN 45 TX 570  
 0558 KVDA 60 TX 740  
 0559 KHSA 67 TX 520  
 0600 ? 63 ? ?  
 0609 KXTH 20 TX 530

Nice tropo opening to the North on the 14th of October. As cold fronts begin to push through Florida, tropo is picking back up after a muggy & tropoless summer. Totals after 22 months here in Mary Esther, 348. ( Nice going with your DX! Michael, my personal list of TV stations show no full powered ch 59 in NC, However I show W59AD Andrews (WUNE-17), W59AR Brevard (WUNF-33), W59BA Golsboro (LPTV TBN),W59AK Spruce Pine (WUNE-17), Take your pick! I also show NO full powered 33 TN in my list. However...I show...W33AO Clarksville (LPTV), W33AN Union City (LPTV). I wish I could help out more, but that is all I have and some of the stations I listed here might not be on the air. Also try writing to WTFDA TV DX-ers in the area in question and/or put them in the CCI column-BN)

DX ALERT DX ALERT DX ALERT DX ALERT DX ALERT DX ALERT DX ALERT DX ALERT DX ALERT

DECEMBER CAN BE A GOOD DX MONTH!!! DON'T FORGET ABOUT MID MONTH METEOR SCATTER & DECEMBER E-SKIP!!! HAPPY HOLIDAYS\*\*\*\*\*AND HAPPY NEW YEAR\*\*\*\*\*AND...GOODXING!\*\*\*\*\*

See you next year! *Bill*



# WESTERN TV-DX

Fred McCormack  
Box 9077  
Prairiewood Station  
Fargo, ND 58106-9077

Deadline: 01-03-91  
Cut-off: 10-01-90

December 1990

Welcome to the last column of the year! There are lots of nice (some super) tropo loggings in this column. There is another report of the fine Midwestern tropo conditions at the end of August, as well as reports of numerous loggings in September and October. September 4th appears to have been an exceptional date with 1000 mile tropo to Massachusetts observed by Jeff Kadet.

Also in this column are loggings of two alert DX'ers (Mike Parks and Dave Pomeroy) who caught late season E skip on October 31st.

Thanks to the 22 members who contributed to Western TV-DX during 1990. I hope to hear from all of you regularly in 1991 as well as all of you who have thought of sending a report but didn't get around to it.

Seasons Greetings to all!

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

CH Chihuahua

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

PDT

### Equipment:

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

### September 1990

2 gw 2254 KCMY 29 CA 70  
28 Es 0908 XEPMT 2 CH  
(Spanish-10 kHz)

KCMY-29 (Sacramento) signed on with Home Shopping Club over the Labor Day Weekend. At 70 miles, they're stronger than KRBK-31 at 12. Don't understand that, nor do I appreciate it!

The skip died completely by the end of August, with poor openings 8/20, 8/23, 8/24, & 8/26, reaching MUF's of 4 (1900), 2 (1903), 2 (0926), & 4 (2152). Then there was ch 2 ccl at 1942+ 9/27, & an opening to 91.7 (0923) on 9/28. Alas, it was non-productive. Even one logging would have lifted poor September to a new plane of existence, DX-wise!

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

PDT

### Equipment:

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

\* Loggings from work.

### October 1990

5 tr 0800 KFCB 22 CA 170 5 tr 0803 unid ch 15 n Sp 5 tr 1105 \*unid 56 ne TBN  
KICU 36 CA 145 unid ch 54 nW 1106 \*unid ch 66 east  
(Over K36AL) (Heavy cci-KTEH) (See Note)

Note- (10/05 @ 1106) - Home shopping from east, towards Bakersfield. The "Fresno Bee" has calls KHST. Possible satellite of KPST-66?

Not much happening here lately. "All quiet on the western front." I'll be looking for some early December E skip to liven things up. Til then, 73's, Jim

(While the headings don't seem to fit exactly, how about these possibilities? For Spanish on channel 15 from the north, K15CU Salinas translating KSTS-48; for channel 54 ccl from north northwest, K54CY Lakeport; for channel 56 with TBN from the northeast, K56DZ Fresno; for channel 66 from northeast, maybe K66CQ at O'Neals? fm)

Western TV-DX

December 1990

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

MDT

Equipment: RCA 19 inch color, BMC 13 inch color monitor, RCA VCR, Radio Shack VCR, Radio Shack V110 on rotor at 25 feet.

05/28/90 CO, MO, KS, TX, OK were seen in early evening. Skip came and went for 48 hour period, never very stable, changes in MUF were constant. After midnight (05/29), SK, MB seen with CKCK-2 at 0122 (after local KBCI off).

06/01/90 OK, TX area seen during a weak and short opening.

07/05/90 2000 to midnight SD, MN were in.

07/19/90 SK, MB seen in early evening.

Over all, most openings were very short and probably consisted of multiple clouds with several stations on a channel making it very hard to ID, plus the fact we have only channels 3 and 5 open all the time. A disappointing season considering this was the first in several years I have had outdoor antennas up.

(Nice to hear from you, Frank. I hope your new installation will start catching some DX and that you will become a regular reporter to Western TV-DX. fm)

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

CDT

Equipment: See November 1990 Western TV-DX.

Well, all good things must come to an end. Or must they? For the first time, I've logged new stations in October. Only two, but I'll take them and hope for more.

October 1990 4 tr 0603 WBAK 38 IN 197 4 tr 0634 WEVVT 44(KY)  
4 tr 0554 WLFI 18 IN 201 0607 WHMB 40 IN 231 WCLJt 42 IN  
0600 WSJV 28 IN 222 0610 WXIN 59 IN 231 0638 WFIEt 14(KY)  
0601 WTTK 29 IN 235 WIIB 63 IN 247

WLFI was a real surprise. I was checking KLJB for time and temperature (carried on their test pattern) and got WLFI's test pattern instead (and KLJB is on the old WHBF tower only about 25 miles from my house). The second easiest one I've ever gotten, perhaps.

My total now is 164 stations (since April 1988), 93 of which are UHF, 54 low band VHF, and 17 high band VHF. Hope this finds everyone healthy, happy and watching lots of late-season DX. 73 and God bless.

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

CDT/CST

### Equipment:

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

August 1990 23 tr 0443 WVNDU 16 IN 402 28 tr 0011 WLIO 35 OH 522  
23 tr 0223 Chicago UHF's 0501 WUHQ 41 MI 391 WUHQ 41 MI 391  
0225 WSBT 22 IN 401 0518 WXMI 17 MI 384 0012 WUABt 43 OH  
WHME 46 IN 404 27 tr 2020 K25AA 25 IA 239 WTLW 44 OH 519  
0226 WHKE 55 WI 296 (Rock Rapids KSIN-27) WRGT 45 OH 566  
0228 WJJA 49 WI 282 K33AB 33 IA 217 WJJA 49 WI 282  
0230 WLS 7 IL 336 (Sibley KSIN-27) WSFJ 51 OH 627  
WGN 9 IL 336 2022 K40CO 40 IA 232 0013 WHKET 55 WI  
( Under KMSP-9 ) (Storm Lake KMEG-14) 0019 WYCct 20 IL  
K38- 38 IA? 0020 WDJT 58 WI 271  
0234 WRGT 45 OH 566 (Unknown LPTV) 0034 WANEt 15 IN  
0246 WITI 6 WI 270 ( Religion - not TBN ) 0038 W20AG 20 WI 252  
0259 WIHT 31 MI 462 2125 KYNE 26 NE 342 0054 WHMBt 40 IN  
0312 W20AG 20 WI 252 2135 KPTM 42 NE 359 30 tr 2052 KCPT 19 MO 451  
(Sheboygan TBN) 28 tr 0010 WVNDU 16 IN 402 KSHB 41 MO 453  
0327 WREX 13 IL 263 WSBT 22 IN 401 KYFC 50 MO 455  
0332 WVTO 35 IL 331 WSJV 28 IN 402 KZKC 62 MO 451  
0405 WVBN 7 MI 331 WNIT 34 IN 402 KMCI 38 KS 473  
0410 WZZM 13 MI 346 WHME 46 IN 404 2200 KSPR 33 MO 567  
0424 WVUP 9 MI 397 0011 WKJG 33 IN 465 KDEB 27 MO 568  
0425 WJMN 3 MI 262

<b>Michael Parks (continued)</b>		31 tr 0342 K39AJ 39 NE 388 (Malcolm TBN)	7 tr 0250 K53AOT 53 MN 8 tr 2339 K28BZ 28 MN 188 (Marshall KELO-11) K30AC 30 MN 188 (Under KMSP- 9 ) (Marshall KSTP- 5 )
30 tr 2225 KSNF 16 MO 587	0343 KGMCT 34 OK	0434 @KMBC 9 MO 451	2351 KXNE 19 NE 331
2228 KSNL 27 KS 471	(Under KMSP- 9 )	(Under KMSP- 9 )	2354 K33AB 33 IA 217
KTKA 49 KS 478	0507 KOAM 7 KS 579	0538 @KLJB 18(IL) 298	0559 KNLJ 25 MO 463
2238 K39AS 39 IA 232	(Marshalltown CHA)	0616 @KOIA 15 IA 307	2355 KPTM 42 NE 359
2246 K52BH 52 IA 247	(Ames TBN)	9 tr 0000 WQWT 6 NE 340	0004 KCAU 9 IA 276
2303 unid channel 26	September 1990	0010 KUON 12 NE 362	0015 KETV 7 NE 340
2304 KOLR 10 MO 567	5 tr 0024 KDSD 16 SD 262	0143 =KCAN 8 NE 380	0154 WQIO 19 OH 599
2308 K30AL 30 KS 538	0045 W67CH 67 WI 123	0203 WNDU 16 IN 402	0209 WOTV 8 MI 384
(Iola KTUW-11)	(La Crosse KTTC-10)	0216 WXON 20 MI 490	0219 =WSYM 47 MI 430
(KARE aftr KTUW s/off)	K74CZ 74 MN 101	0221 WUABT 43 OH	0223 WIHT 31 MI 462
2344 KTAJ 16 MO 416	(Winona KTTC-10)	0234 WADLT 38 MI	(Too much K38CL)
2355 KQTV 2 MO 410	7 tr 0012 K45AR 45 MN 144	0237 WSBT 22 IN 401	0239 @WUPJ 36 OH 513
31 tr 0008 KTUW 11 KS 473	(Eagle Bend LPTV)	0246 unid ch26 Relig.	0250 W20AG 20 WI 252
(Under KARE-11 )	0036 K34-- 34 MN?	0255 WEYI 25 MI 449	0256 WEEK 25 IL 358
0010 KDNL 30 MO 482	(Redwood Falls? EWTN)	0310 WHTO 35 IL 331	0320 WXYZ 7 MI 493
KHSL 46(MO) 493	0044 K66BI 66 MN 109	0354 @WZZM 13 MI 346	0432 WHSL 46(MO) 493
0012 KMIZ 17 MO 458	(Aitkin WDIO-10)	0433 @KJMH 26 IA 322	0434 WQAD 8 IL 298
KNLJt 25 MO	0046 K70DH 70 MN 109	29 gw 1659 KXLI 41 MN 69	( They're Baaack!! )
0014 KJMHt 26 IA	(Aitkin KDLH- 3)	October 1990	
0026 KPTM 42 NE 359	0049 K69CP 69 MN 160	1 tr 2304 KXLT 47 MN 94	
0053 KETV 7 NE 340	(Walker KSAX-42)	31 Es 2017 WCSC 5 NC 1092	
0102 unid channel 15	0058 K21AK 21 MN 176	WCIV 4 NC 1092	
0104 K24AC 24 NE 397	(Morris Starion)	WBTW 3 NC 906	
(Falls City w/KEYC-12)	0136 K59BT 59 MN 188	WCBZ 2 NC 1092	
0112 WQWT 6 NE 340	(Donnelly KMSP- 9 )		
0157 K21AP 21 KS 471	K63BW 63 MN 188		
(Topeka TBN)	(Donnelly KSAX-42)		
0201 =KODE 12 MO 587	0148 KTAJ 16 MO 416		
0211 K33CY 33 IA 272	KDSD 16 SD 262		
(Des Moines CHA)	0157 KUSD 2 SD 317		
0214 K52DHT 52 MO	0228 K31CG 31 MN 134		
(10 kHz - K52BH)	(Olivia KTMA-23)		
0216 KWHB 47 OK 672	K33CT 33 MN 134		
0256 KDOR 17 OK 641	(Olivia KITN-29)		
0302 K54-- 55 ??	K49AJ 49 MN 134		
(Unknown w/KSHB-41)	(Olivia KSTP- 5)		
0317 K33AA 33 IA 307	K51AL 51 MN 134		
(Ottumwa w/WISN-12)	(Olivia WCCO- 4)		
(Normal KIIN-12)	0238 K39CH 39 MN 144		
0320 @KJMH 26 IA 322	(Redwood Falls LPTV)		
0336 KAAS 18 KS 507	( Black screen )		
0338 WIBW 13 KS 482	0250 K55CK 55 MN 134		
0339 KWCH 12 KS 581	(Olivia KMSP- 9)		

The period from August 23rd to September 12th delivered some of the best tropo I've seen in some time. Twenty seven new loggings were made with three of them being on channel 7, a channel I hadn't expected to receive many new stations on - certainly not in so short a time. Also seen were some much wanted Kansas VHF's. But the most spectacular loggings were those of K21AP and K30AL, both of which trampled my old low power distance record into the dust. September 9th brought something I never thought I would see happen: KCAU-9 buried local KMSP-9 with my antenna pointed directly at KMSP-TV's tower in Shoreview. Bet the cable company technicians had a lot of headaches during those momentous three weeks. Hope to see the like again soon; it's one repeat I wouldn't mind seeing over and over again. 73's, Mike

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

Equipment: See November 1990 Western TV-DX.

October 1990	11 tr 2200 Springfield MO	11 tr 2213 KTAJ 16 MO 495
2 tr 1725 WKON 52 KY 437	UHF's 589	WUSI 16 IL 402
WCET 48 OH 400	(Marginal sigs )	20 tr 0550 WLKY 32(IN) 437
WDRB 41(IN) 437	2207 KNLC 24 MO 432	(ID w/ CBS logo)
11 tr 2200 KSNF 16 MO 630	KDNL 30 MO 432	WTVQ 36 KY 473

<b>William Draeb (continued)</b>		20 tr 0557 WQLN 54 PA 405	20 tr 0610 WYTV 33 OH 420
20 tr 0550 WDRB 41(IN) 437	WDRB 41(IN) 437	WDCY 56 KY 480	0635 WFIE 14(IN) 420
WCET 48 OH 400	WNYB 49 NY 445	25 tr 2011 WLAJ 53 MI 200	(Lansing - ABC )
0557 WSEE 35 PA 405	WUTV 29 NY 445	WNEO 45 OH 405	WPGH 53 PA 480

Note- 10/11/90 @ 2200 - KSNF-16 was snow free, but strength dropped off rapidly by 2226.

WLAJ-53 is noticeably weaker than WSYM-47. The info in the database must be less (erp) than channel 47 (or a shorter antenna). Nothing else new here. 73's

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

**Equipment**

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch; Winegard VHF-UHF (8100?) at 40 feet for tr and some Es; lowband (Finco?) vertically mounted at 12 feet for Es; Winegard preamplifiers.

September 1990	7 tr 0438 K60AK 60 IA 235	October 1990	11 tr 2100 Canada 29,45,54, 61, etc.
6 tr 0008 K46CB 46 SD 380	(Clarinda KWVL- 7)	11 tr 0145 KHOG 29 AR 360	@KAFT 13 AR 370
(Sioux Falls KDLT- 5)	(Normal KETV- 7)	0447 KUSD 2 SD 365	( "AETN" )
K55FL 55 IA 295	0447 WCCO 4 MN 340	0521 KSFY 13 SD 370	CKCO 13 ON 550
(Spencer KMEG-14)	0521 KSFY 13 SD 370	0543 @K30BP 30 NE 365	KARD 14 LA 585
0108 K57-- 57 ??	KELO 11 SD 370	(Norfolk KMEG-14)	Dallas 21,33,39
(Unknown KCTV- 5)	0118 K60DS 60 MN 260	0544 K24AC 24 NE 265	20 tr 0000 KARD 14 LA 585
0118 K60DS 60 MN 260	(Rochester TBN)	(Falls City KUON-12)	WGWA 26 WI 300
( Audio on 60+ )	WSAW 7 WI 310	0550 KAAL 6 MN 255	WXGZ 32 WI 300
WSAW 7 WI 310	K20AD 20 MN 340	KXNE 19 NE 365	WGTU 29 MI 410
K20AD 20 MN 340	(Worthington KSTP- 5)	(Over WHOI)	KPOM 24 AR 380
0118 K60DS 60 MN 260	K14AD 14 MN 395	0553 K28AP 28 NE 400	KHOG 29 AR 360
(Willmar KSAX-42)	(Willmar KSAX-42)	(Neligh KOLN-10)	KHBS 40 AR 430
0222 K15CE 15 MN 360	KSAX 42 MN etc.	0848 KSNB 4 NE 385	0122 KFAA 51 AR 350
(Redwood Falls KTMA-23)	0222 K15CE 15 MN 360	0900 K33AC 33 NE 300	0130 K52-- 52 ??
( See Note # 1 )	( See Note # 1 )	(Pawnee City KUON-12)	(Unknown TBN)
0228 K56AH 56 MN 330	0228 K56AH 56 MN 330	0928 K23AA 23 NE 330	(PTA: Ozarks MO/AR)
(Window KMSP- 9)	(Window KMSP- 9)	(Beatrice KUON-12)	0157 KPOB 15 MO 250
KDSD 16 SD	KDSD 16 SD	0936 KLNE 3 NE 465	( See Note # 7 )
0308 K17BV 17 MN 360	0308 K17BV 17 MN 360	( See Note # 3 )	0300 WMTU 16 TN 355
(Redwood Falls KITN-29)	(Redwood Falls KITN-29)	1000 KHGI 13 NE 430	WPGH 53 PA 555
0312 K31BI 31 MN 425	0312 K31BI 31 MN 425	1012 KSNB 4 NE 385	WPPT 22 PA 570
(Appleton USA)	(Appleton USA)	( "Now on top" )	(CCI only)
0327 K53CH 53 MN 340	0327 K53CH 53 MN 340	1746 K35CO 35 MO 195	WTFE 28 OH 405
(St. Paul Religton)	(St. Paul Religton)	(Cameron CHA)	WSFJ 51 OH 435
0346 K16BQ 16 MN 440	0346 K16BQ 16 MN 440	( See Note # 4 )	WQHS 61 OH 470
(Brainerd KSAX-42)	(Brainerd KSAX-42)	9 tr 0338 K07TV 7 MO 125	CKCO 13 ON 550
0427 WZDX 54 AL 455	0427 WZDX 54 AL 455	(St. Louis CHA)	WTSF 61 KY 460
0436 unid channel 39	0436 unid channel 39	( See Note # 5 )	CIC074t 18 ON
( See Note # 2 )	( See Note # 2 )	0427 C--- 7 ??	( 18- CCI only )
0459 K48AH 47 MN 395	0459 K48AH 47 MN 395	( See Note # 6 )	0400 K39-- 39 ??
(Willmar w/WKBT- 8)	(Willmar w/WKBT- 8)	0435 @CKNC1 7 ON 575	(Unknown Family Net)
(Normal KMSP- 9)	(Normal KMSP- 9)	(Multiburst)	(PTA: MO/AR Ozarks)
1936 @W45AJ 45 IL 155	1936 @W45AJ 45 IL 155	0516 @WPBN 7 MI 365	0420 Houston 14,20, 26,39,45
(Rockford now CHA)	(Rockford now CHA)	(Full CB's)	0641 KLAY 31 LA 622
0349 K48CH 48 NE 365	0349 K48CH 48 NE 365	0555 +WUCM 19 MI 400	0800 WSYT 68 NY 761
(Norfolk KTIV- 4)	(Norfolk KTIV- 4)	(Very rare)	CITY 57 ON 615
@KTIV 4 IA 325	@KTIV 4 IA 325	1800 NE PTV 19,26,29	(OKHz cci-WCFE?)
0358 K39-- 39 ??	0358 K39-- 39 ??	KMEG 14 IA 325	0830 WLAJ 53 MI 345
(Unknown KTIV- 4)	(Unknown KTIV- 4)	2025 Cleveland 8,43,61	0903 WCNY 24 NY 771
0400 K55-- 55 SD	0400 K55-- 55 SD	2039 probable cci:	( See Note # 8 )
(Unknown SD PTV)	(Unknown SD PTV)	W50BE 50 OH 420	
0402 SD PTV 10,11,16	0402 SD PTV 10,11,16	(Mansfield LPTV)	
MN xltrs 20,44, 48, etc.	MN xltrs 20,44, 48, etc.	W29AI 29 OH 485	
0426 K38CD 38 MN 325	0426 K38CD 38 MN 325	(Akron CHA)	
(St. James LPTV)	(St. James LPTV)	2210 all Toledo's except W48AP	

## Frank Merrill (continued)

- Note # 1 - (09/06 @ 0222) - Michael Parks (Amery WI) recently reported this with KSTP AND KITN, with signals 20 kHz apart. ICOM frequency measurement showed their KSTP-5 audio at 481.772 (about 15+) and another audio (not KITN-29, but maybe KTMA-23?) at 481.792 (about 15+). So I am considering this as one logging, as it confirms Mr. Parks' visual offset observations.
- Note # 2 - (09/06 @ 0436) - This was carrying a RETMA testcard. Not many stations carry these anymore, so maybe this can be ID'ed. Bearing seemed to be northwest to north (so all of Minnesota except southwest, extreme western Wisconsin). Could this be Canadian? A band check couldn't find such a test pattern elsewhere.
- Note # 3 - (09/07 @ 0936) - Audio only. Was my most wanted station.
- Note # 4 - (09/07 @ 1746) - I've now logged at least one LPTV/translator on every channel from 14-69.
- Note # 5 - (09/09 @ 0338) - Parallel to Spacenet transponder 5. WLS off late Saturday nights made this possible.
- Note # 6 - (09/09 @ 0427) - BIG mystery here! ENGLISH station with 7z offset. Signed on at 0429 with "O Canada" then carried James Robison. WTFDA list only has two CBLFT's (French) in Ontario with 7z offset, with nothing in Northwestern Quebec (bearing seemed almost due northeast of Macomb).
- Note # 7 - (10/20 @ 0157) - Does NOI carry WSIL-3 color bars later.
- Note # 8 - (10/20 @ 0903) - Hometown Show, channel 24+ audio only, confirmed by telephone.

I cannot say enough about the ICOM R-7000, even after considering the drawbacks! A station's offset can always be determined, even in the absence of any ccl. It is easier to pinpoint what's happening in a tropo opening, and any "surprises" are often betrayed right away. Initial assumptions can often be refuted quickly ("Hey, this is a MINUS offset, so this can't just be Madison-off-the-back because they're ZERO. Is this maybe Texas instead?"), and I've already quickly been alerted to some good tropo openings by noticing that the "wrong" station was coming in. Of course, it's a godsend to be able to separate audios on the same channel; sometimes all three (-, z, +) can be distinctly separated even if one or two of the stations are well underneath the dominant station. Also, in the "FM Narrow" position (required for audio separation), the ICOM can receive weaker audio than the Zenith, because there is no "intercarrier problem".

For some reason, my ICOM is out performed by the Zenith (even including audio) in the upper 10 or so channels. This is not true of Jeff Kadet's ICOM/Zenith comparisons. Jeff's ICOM out performs his Zenith on all channels.

There are some drawbacks to the ICOM R-7000: (1) Strong stations cause more problems with overload and mixing products. It may not be possible to use an ICOM for "serious" DX (hooking it up to a good preamplified antenna) for a DX'er living five or ten miles from locals. (2) The video is somewhat less sharp than on the Zenith, but the difference is not major. (3) "FM Narrow" audio is often distorted and takes some getting used to, but it can be understood with practice. Some audio has almost no distortion. In fact, in the "FM Wide" position, in which different offset audio cannot be separated, the audio sounds better than on most TV sets. (4) The ICOM R-7000 is expensive. It will cost you around \$1100 or so on the new equipment market. Buying it used can cost less, but one must be wary of rip-off artists, etc. This cost INCLUDES the video adapter. However, the advantages far outweigh the disadvantages, as I feel that I've already logged thirty or thirty five stations that would have been impossible on a regular TV set. There are nine new loggings in this report alone (including K31BT, KLNE-3, WCNV-24, and my unid Canada 7) which required the ICOM. It's reassuring to know that, ten years from now, I won't need to be running around looking for a twenty year old Zenith. There are enough R-7000's so that the used equipment market should always have them, even if they were to stop making them tomorrow. Seven tea trees.

(I presume your channel 39 with KTIV-4 was K39AL at Neligh, Nebraska and your channel 55 with South Dakota Public TV was K55BG at Wagner. Your channel 52 with TBN from the Ozarks area may be K52DH a TBN permit at Springfield. Your channel 39 with Family Net from the Ozarks area may be K39CI a permit at Springfield held by The Christian Life Center. I don't know these last two to be operational. fm)

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502 (913-354-4963) CDT/CST

September 1990		October 1990	
4 tr 0545	WXOW 19(MN) 395	4 tr 0545	KLJB 18(IL) 320
	WHLA 31(MN) 395	8 tr 2245	WYCC 20 IL 465
	WHWC 28 WI 455		KYIN 24 IA 335
	K60AK 60 IA 120		K52BH 52 IA 225
(Clarinda	KETV-7)	(Ames	TBN)
		9 tr AM	WAND 17 IL 370

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

PDT

## Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR. Antennas: VHF - Lindsay CC-30 22 element log-periodic with Dalco EID-3SV 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. UHF - Radio Shack 4 bay with 15-1108 adjustable mast-mount preamplifier @ 57 feet asl/agl. Archer 15-578 variable signal attenuator.

September 1990		October 1990	
25 tr 0732	KREM 2 WA 299	29 tr 2008	K36BO 36 WA 70
0734	KAYU 28 WA 299		(Deming KOMO-4)
0757	unid 55z 80°		(Snow free)
	(Faint aud only)	12 tr 0823	KNMT 24 OR 235
2226	KEPR 19 WA 277	1706	KIMA 29 WA 213
	(Over CBUT36)	1714	KAPP 35 WA 216
2230+	Yakima chs 25,42	16 tr 1052	Yakima chs 25,35
28 tr 2234+	Yakima chs 25,42	17 tr 0633	CBUT34 35 BC 60
2245	KWCT 27 WA 185	0833	KCKA 15 WA 161
2346	Portland 24, 32		(Snow free)
29 tr 0946	WA chs 25,27,42	0839	Portland 24, 32
		20 tr 0915	Oregon chs 24,32
			0919 KTVZ 21 OR 346
			0928 KOAB 3 OR 346
		21 tr 1800+	Tri-Cities 19, 42, & 25
		au 2200+	noted on FM
		22 au 2254	unid ch 4+ 70°
			(See Notes)
		24 tr 2317	KNMT 24 OR 235
		2328	KUTF 32 OR 272
		2334	KMTR 16 OR 329
		2336	KTVZ 21 OR 346
		25 ms 0906	unid ch 3 4 sec.

F2 MUF has gotten up to 24-43 MHz a few times - I tried in vain to pick up 45-50 MHz TV signals, but nothing. Aurora has almost been nonexistent so far this autumn. October 22 aurora had a very watery audio; was definitely NOT local KOMO (4z) or KXLY (4-). I think it must have been either CFJC-4 Kamloops or CFCN-4 Calgary, but I'm not sure if either has a + offset (CFJC-4 is listed as + offset. fm). CCI only noted on channel 4, not on 2 or 3. Only a few days of decent tropo signals resulting in one new one.

I want to wish everyone a very merry Christmas/winter Holiday. It's been great corresponding and having phone discussions with a number of you! Also, I hope to write my exam for Canada's new code-free 30+ MHz ham ticket just after Christmas. Perhaps, I'll eventually meet some of you up on 6 meters and above!!!! 73\$....Mike

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CDT

## Equipment:

Sylvania 12" black and white, quad loop cut for channel 2, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

September 1990		October 1990	
23 tr 0155	KETH 14 TX 319	27 Es 1939	KKTO 2 NM 1026
	KTRK 13 TX 319	1957	KENW 3 NM 826
	KHOU 11 TX 319	15 tr 0600	Houston 2,11,13
0201	=KBMT 12 TX 221		(KPRC wiping out WBRZ)
		14 tr 0054	KLTV 22 TX 303
			0603 KBMT 12 TX 221
			0603 KEKH 14 TX 319
			KARD 14 LA 189

Some unexpected E skip on Spetember 27. Nothing worthy of super tropo yet. Jeff

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

CST

## Equipment:

1980 model 9" J.C. Penney b&w (with VHF/UHF tuner from 1976 unit), sometimes RCA 13" (1987) color model EMR350E for UHF. Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

August 1990		September 1990	
2 Es 0821	WCIA 3 IL 930	5 tr 0017	KLFY 10 LA 375
0828	WBBM 2 IL 1055	0419	WAFB 9 LA 445
0959	WBAY 2 WI 1185	6 Es 0923	KEYT 3 CA 1295
1100	KMTT 3 IA 1010	2100	WSAV 3 GA 1040
1129	WTWO 2 IN 925	7 Es 1028	KXMA 2 ND 1215
1232	WTSC 3 WI 1060	1029	KOTA 3 SD 1040
1625	KIDK 3 ID 1240	10 Es 0931	WFMY 2 NC 1175
1659	KQTV 2 MO 745	1028	KTCA 2 MN 1115
4 tr 0245	KLFY 10 LA 375	1108	KMTV 3 NE 830
5 tr 0012	KPLC 7 LA 340	1129	KUSD 2 SD 945
		1459	WBTV 3 NC 1090
		10 Es 1529	WWAY 3 NC 1235
		2102	WBBM 2 IL 1055
		11 tr 0436	KPLC 7 LA 340
			KJAC 4 TX 280
		Es 1942	WRCB 3 TN 865
		12 tr 0408	KTRE 9 TX 260
		0409	KNOE 8 LA 430
		0410	KLTV 7 TX 290
		13 tr 0344	KTRE 9 TX 260
		15 Es 0859	WEDU 3 FL 995
		1055	KTVK 3 AZ 835



Pat Dyer (continued)	25 tr 0332 WNOL 38 LA 520	30 tr 0344 WVUE 8 LA 520
	0342 WVUE 8 LA 520	0347 KTRE 9 TX 260
15 Es 1155 KCBS 2 CA 1185	0431 KJAC 4 TX 280	0417 KNOE 8 LA 430
1749 KOTA 3 SD 1040	0432 KATC 3 LA 375	31 tr 0340 KFDM 6 TX 280
1829 XXMA 2 ND 1215	0433 WAFB 9 LA 445	0629 KADN 15 LA 385
1859 KDLO 3 SD 1070	26 tr 0125 KLFY 10 LA 375	0630 KLPB 24 LA 375
1959 KPLO 6 SD 1000	0126 WVUE 8 LA 520	KLTL 18 LA 340
2058 KUSD 2 SD 945	0140 KFDM 6 TX 280	
19 tr 2113 KPCL 7 LA 340	0154 KADN 15 LA 385	September 1990
20 tr 0027 KTRE 9 TX 260	0308 WNOL 38 LA 520	9 tr 0530 KLFY 10 LA 375
21 tr 0018 KLFY 10 LA 375	0444 KATC 3 LA 375	22 tr 0207 KLFY 10 LA 375
0337 KATC 3 LA 375	0445 WAFB 9 LA 445	0545 KLTU 18 LA 340
0359 KBMT 12 TX 285	0512 KPLC 7 LA 340	0600 KITU 34 TX 285
0409 KJAC 4 TX 280	27 tr 0217 KLFY 10 LA 375	27 Es 1700 KTW0 2 WY 1010
25 tr 0029 KLFY 10 LA 375	30 tr 0335 KLFY 10 LA 375	1729 KOTA 3 SD 1040
KPLC 7 LA 340	0336 KATC 3 LA 375	1825 KQTV 2 MO 745

Looks like the summer E skip season more or less "ended" in mid August down here. One good E skip event in late September (would be the night PBS was running the final Civil War series episode - so I had to set up the VCR on another antenna system to get that taped!). 73's, Pat, WA5IYX

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

#### Equipment:

ICOM R7000 with video adapter, JVC and Panasonic monitors. Various Zenith TV's. Screened Channel Master 7' dish with PA-4975 preamplifier, .500 aluminum hardline up 85'. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 up 18'.

#### September 1990

1 tr 0445 @WHP 21 PA 726	6 tr 0042 K68BJ 68 MN 355	7 tr 0308 K20AD 20 MN 335
0454 WPGH 53 PA 561	(Redwood Falls KARE-11)	(Worthington KSTP- 5)
WTVet 51 PA	K69DA 69 MN 420	K20AC 20 MN 465
0550 @WQLN 54 PA 562	(Little Falls KSAX-42)	(Wadena KSAX-42)
3 tr 0457 @WSBN 47 VA 500	0107 =K67AN 67 MN 390	0333 K55BG 55 SD 425
WKPT 19 TN 539	(Granite Falls KWCM-10)	(Wagner KUSD- 2)
0514 +W55AJ 55 KY 275	0133 K48AH 47 MN 395	unid ch 33 CHA
(Hawesville WKMA-35)	(Willmar w/WLAX audio)	( See Note #11 )
1805 CBLN4 45 ON 545	(Primary KMSP-9)	0352 @K48CH 48 NE 364
2300 CBLFT8 61 ON 558	0147 K19BG 19 MN 390	(Norfolk KTIV- 4)
4 tr 0028 CBLFT9 53 ON 511	(St. Cloud TBN)	@K39AL 39 NE 395
0308 @CFMT 47 ON 620	unid 57 KCTV-5	(Neligh KTIV- 4)
("47"- "Cable 4")	( See Note # 3 )	0405 K24AE 24 MN 445
Canada TP's on	K14AF 14 IA 205	(Alexandria KSAX-42)
chs 42, 48, 59	(Decorah w/WFLD-32)	0407 K31BT 31 MN 423
WDCA 20(MD) 728	(Normal KRIN-32)	unid ch 21z
WTVE 51 PA 777	K14AD 14 MN 395	(Same as on 9/6)
0350 CICO28t 28 ON	(Willmar KSAX-42)	0440 K28AE 28 MN 295
( See Note # 1 )	0206 K15CE 15 MN 355	(Fairmont TBN)
0355 WHCT 18 CT 934	(Redwood Falls KTMA-23)	0512 K51CC 51 NE 435
0400 CICO18 18 ON 511	( See Note # 4 )	(O'Neill KTIV- 4)
0417 @WSYT 68 NY 765	unid ch 21z nw	0521 +K57BX 57 SD 440
0435 @WWLF 56 PA 771	(Open audio cxx)	(Lake Andes KELO-11)
(Full color bar)	0217 =unid 45 WQRF-39	0540 K24AC 24 NE 265
0437 WLIW 21 NY 903	( See Note # 5 )	(Falls City KUON-12)
0439 WHSE 68(NY) 875	0218 K60DS 60 MN 260	0542 @K30BP 30 NE 365
0455 @WSBN 47 VA 500	(Rochester TBN)	(Norfolk KMEG-14)
WPGH 53 PA 561	0250 K31BT 31 MN 423	( See Note # 7 )
0515 WLVI 56 MA 1015	(Appleton USA)	1745 K35CO 35 MO 195
( See Note # 2 )	0307 K17BV 17 MN 355	(Cameron CHA)
0917 K59DA 59 KS 410	(Redwood Falls KITT-29)	9 tr 0340 K07TV 7 MO 125
(Wichita TBN)	0347 K16BG 16 MN 440	(St. Louis CHA)
0934 St. James MN U's	(Brainerd KSAX-42)	0427 unid ch 7z ON
0956 K30AC 30 MN 380	0433 unid channel 39	( See Note # 8 )
(Marshall KSTP- 5)	( See Note # 6 )	+CKNC1t 7 ON
5 tr 2324 K46CB 46 SD 375	7 tr 0244 K38CD 38 MN 315	11 tr 0018 WKRN 2 TN 369
(Sioux Falls KOLT- 5)	(St. James CMT)	W36AK 36 TN 369
		(Nashville TBN)

#### Jeff Kadet (continued)

11 tr 0018 unid ch 59 music	12 tr 0216 KXTX 39 TX 645	20 tr 0400 K39-- 39 ?? FAM
(Nashville hdg )	0227 @CFMT 47 ON 620	(Springfield MO hdg)
0222 unid ch 19 TBN	0310 CIII41 41 ON 640	0406 W20AO 20 MS 535
( See Note # 9 )	0350 CITY 57 ON 620	(Philadelphia CHA)
12 tr 0030 K14AD 14 MN 395	2230 KXLI 41 MN 400	(LPTV/xltr state # 23)
19 tr 2030 WQLN 54 PA 562	2237 K61-- 61 ?? TBN	0423 KTXH 20 TX 799
20 tr 0202 WKBS 47 PA 630	( Waterloo hdg )	KETH 14 TX 799
WPGH 53 PA 561	19 tr 0245 unid channel 33	KHTV 39 TX 799
2300 WSNB 47 VA 500	( See Note #11 )	KXLN 45 TX 825
26 tr 0150 OKC UHF's 510	=KCCO 7 MN 426	0504 unid channel 28z
28 tr 0452 @CFPL 10 ON 516	KXLT 47 MN 233	( See Note # 1 )
30 ms 0446 @WFSB 3 CT 934	K14AD 14 MN 395	0529 @WTOV 9 OH 529
tr 0829 unid channel 67-	K24AE 24 MN 445	0606 KMSS 33 LA 567
( See Note #10 )	2258 WLAJ 53 MI 361	0638 KLAX 31 LA 623
October 1990	2340 KHSB 7 TX 799	0703 W69BP 69 NY 835
11 tr 2215 Canada 40,42,45	20 tr 0105 KARD 14 LA 583	( See Note #13 )
12 tr 0040 OKC UHF's 510	WDSI 61 TN 467	0721 WSYT 68 NY 765
KTXA 21 TX 645	0139 K52-- 52 ?? TBN	W44AG 44 PA 555
0100 KARD 14 LA 583	(Springfield MO hdg)	(Erie TBN)
0200 @CKCO 13 ON 555	0216 unid channel 68+	0804 CITY 57 ON 620
(Thru KAFT CB's)	( See Note #12 )	0904 WCNY 24 NY 775
0216 %CHCHT 11 ON	0225 CICO74t 18 ON	0916 WXXI 21 NY 699
	( 0 kHz to WVTV)	WPGH 53 PA 561
	0315 W20AM 20 OH 405	
	(Columbus TBN)	

Note # 1 - Weird "European looking" test pattern with all sorts of color bars, squares, rectangles, etc. May have been CICO28, but I have never seen this test pattern on a TVO station.

Note # 2 - Interesting story here. I had logged full color bars with no ID from 0435 to 0458 when the station signed on and then went into a cartoon show. The station was coming in well until just before sign/on. Station was on channel 56z. Over the next hour, the station faded in and out weakly and I logged Headline News at 0515 and also local ads. I later called WWLF and spoke to the chief engineer who confirmed that the test pattern, sign/on, and cartoon show was theirs, but everything after that was not. Frank Merrill suggested I contact WLVI, the other channel 56z in the same direction, and they confirmed that the Headline News and ads were from them! KWHD-53, Castle Rock, Colorado (Denver), 770 miles due west and WLVI-56, Cambridge (Boston), 1015 miles due east seen within seven days of each other. I doubt if tropo gets much better than this.

Note # 3 - I have seen this a few times, direction slightly north or west, so unlikely a KCTV translator, but rather another channel 5 in Iowa, Nebraska, or ???.

Note # 4 - Michael Park's report in the September VUD pretty much explains the mess here.

Note # 5 - Not sure what the deal is here with WQRF-39, but suspect it is some kind of spur even though I had both audio and video. I didn't want to turn my antenna to the northeast or east for fear of overheating the rotor and having it die for twenty minutes during this valuable opening. Antenna was west, northwest, and north, but didn't "peak" at any of them.

Note # 6 - A BIG MYSTERY! RETMA test pattern with no calls, direction slightly east of St. James, Minnesota. The only stations I know of which are currently using this test pattern are the KELO stations in South Dakota. This was much further east of South Dakota plus there are no translators on channel 39 in this direction which would seem to rebroadcast any of the KELO channels. It may have been a Canadian, but the (now antique) WTFDA station log has nothing listed.

Note # 7 - No trace of needed KTTW-17 this morning. This station must have worse coverage than most translator/LPTV's!

Note # 8 - Obviously from Ontario, but not CKNC1 which is 7-. "Oh Canada" sign/on and then into preacher James Robison. Direction slightly east of CKNC1.

Note # 9 - Not sure what the deal is here with TBN. It needs further investigation. Sometimes I get TBN here from WLCN which infrequently superimposes their call over the TBN national phone number. But other times there is a TBN here in the same general direction which never ID's and has a LPTV type frequency of 505.775 MHz (i.e. way above channel 19+). WLCN is supposed to be channel 19-.

Jeff Kadet (continued)

- Note #10 - Carried something called "Southern Illinois Instructional Television". Direction east southeast. It may be from a junior high school about a block from here although I have no idea why it would be on channel 67.
- Note #11 - This one is totally perplexing. When first seen, I thought it was a new, unlisted, Channel America; but when seen again on October 19th, it was cutting on and off like an errant translator. Direction is slightly north of K33AA in Ottumwa, Iowa which is exactly where K33AB in Sibley, Iowa is, but K33AB's primary channel 27 has no Channel America in this part of the country. So perhaps it is from another, unknown, channel 33 translator?? Who ever figures this one out is a genius. Both video and audio.
- Note #12 - Western/cavalry movie and LPTV type mail order ads. Due east.
- Note #13 - Thanks to Mike Reid for straightening this out. Apparently none of the WSKG-46 translators on channel 69 in the (now antique) LPTV Guide are active. This one from Stamford, New York runs about 10 kW according to Mike. Too bad this opening didn't start a few hours earlier!!

A TV DX'er in England is interested in obtaining a current list of AFN/AFRTS TV transmitters around the world. Tim is also interested in ID'ing a 525 line grid test card seen on R1 (yes R1!) last fall in Europe, as nobody seems to know where it comes from. Send all info to Tim Anderson, GOGTF, 2 Burry Road, St. Leonards, East Sussex, England TN37 6QX. 73.

(Jeff, your channel 61 on a Waterloo heading would likely be K61FF, a channel change for K6DDJ, Cedar Rapids. Also, while it seems a long shot due to the bearings involved, a RETMA test pattern (if transmitted from KELO), could possibly end up on W39AF at Grantsburg, Wisconsin if its channel 28 input for WHWC picked up K28BZ, the KELO translator at Marshall, Minnesota. Check my comments with Frank Merrill's report for other possibilities for some of your unids. fm)

## STATION BREAK

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

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

FOR SALE - Back issues of the VUD, 1977 May, June, July (2), August, September, October (2), November (2), and December (2), and March 1978. \$2.00 each including postage.  
Michael Hollis - 40 Lakewood St. - Mary Esther FL 32569 (904) 243-6026

WTFDAers: YOUR ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

DECEMBER 1990

\*\*\*MERRY CHRISTMAS\*\*\*

DEADLINE: 14th

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

### MORE REPORTS COVER THE EARLY OCTOBER TROP

Doug Allen, w2crs, P. O. Box 5646, Woodland Park, CO 80866

Equip.: Pioneer TX 9800 (IF modified) & stacked Stereo Probe 9s at 25'  
Stations under 400 miles not reported unless new or remarkable!

10/6 tr	10/24 gw
0200 KZKX 96.9 NE Seward, noisy 440	0840 K228CP 93.5 CO Garfield, KVLE ID, CO #106
0223 KJCK 94.5 KS Junction City, briefly	10/26 tr
10/11 tr, ms	0921 KCWC 88.1 WY Riverton, ID, Is Rawlins on?
0105 KZKX 96.9 NE Seward, noisy 440	10/27 ms, tr, gw
0645 KERM 98.3 WY Torrington, making it over KYGO splatter	0125 KIOR 94.5 MO Poplar Bluff, burst, ad
0702 WJJO 98.1 MN St. Cloud, 15 sec. burst	0127 ? 97.5 ? burst "DBR"
0915 KICX 95.9 NE McCook, HS contests: Holbrook, Arapahoe, Medicine Valley ment., over KAVI & K240CC, a most wanted!	0130 WHMS 97.5 IL Champaign, ID, one min. b.
10/16 tr s	0151 WOGL? 94.5 ? burst, two stations mixing Heard WOGL? and "southwestern Minnesota"
0235 KYQQ 106.5 KS Arkansas City, Q-106.5	0158 KJCK 94.5 KS Junction 475
0716 KNID 96.9 OK Enid 440	0707 KEZI trans. 103.9 CO peaks NW, new, "the breeze" later, call?
10/22 ms, gw "FM 95"	10/28 tr s
0858 KGGOT 94.9 IA Des Moines, burst	0135 KICT 95.1 KS Wichita, KRDO off air conditions poor 417
1200 KASF 90.9 CO Alamosa	0212 KLDZt 95.1 NE Lincoln, r, in noise
1219 KSUT 91.3 CO Ignacio, ID, 430 watts? over cont. divide!	10/29 ms
1421 KYEG 92.1 CO Castle Rock, new CL "new lite 92"	0655 KISC 98.1 WA Spokane "Rise & shine Spo."
2010 KTKL 106.9 WY Casper, g, ID, WY #21	0800 KING 98.1 WA Seattle, ID
2030 KMTS 92.7 CO Glenwood Springs	0804 C--- 98.1 BC? singing ID, "Maximum music C---"
	0859 KABL 98.1 CA San Francisco, traf. rep.

Not a very exciting month. Despite slow moving high pressure systems and above average temps, no good tropo. Went over summer logs for FM statistics and discovered a major mistake: my Divide Es loggings for June were not correctly consecutively numbered and I actually had 34 more new stations than previously thought. Thus, my goal of reaching 700 for year was attained! My goal of hearing neighboring state UT continues to frustrate me. The 392 miles over the mountains to Salt Lake is an unlikely tr path and too short for ms. Trs and airplane scatter should be possible, but no luck so far. The approx. 420 miles to 10,000 foot Brian Head on one of my really quiet freqs., 98.1, should be possible. Is KREC on the air? My regular wee wee hour visits to potty and DX machine have resulted in some good openings this year, but also with discouraging findings: my 29 high powered locals in Denver and Col. Springs/Pueblo never have silent periods. Only two of the 29 were found quiet so far this year, and I've heard virtually nothing but them on those frequencies! I added two more 150 kHz filters to the Pioneer for a total of four 150 kHz filters. It's more selective than the zapped Denon, but continues to overload when pointed north, preventing hearing weak ones in that direction. No noticeable difference in sensitivity with narrow filters. I'm pretty sure than any additional insertion loss with narrow filters is less than the resulting signal to noise ratio gain of narrowing the IF bandwidth. For example, by narrowing bandwidth from 300 kHz to 150 kHz, you have a theoretical 3 db gain (that is 3 db less "white noise"). In EME and other circuits where very low signal levels are present, narrow filtering has traditionally been used, not for selectivity per se, but to improve the signal to noise ratio. 73

Todd Brandenburg, KAOKAN, 1337 Woodhull #6, Topeka, KS 66604 913/273-8168

Equip.: Marantz ST-300, modified w/180 kHz filters, Antennacraft FM 10 at 38 ft.  
Catches from Silver Lake, KS:

9/22 tr	10/1 gw
2050 KKCI 102.5 KS Goodland, "Northwest Kansas' new lite rock"	2300 RCEV 88.3 KS Wichita, Bible Broadcasting Corp., beg-a-thon, legal ID
9/23 tr	
1130 KJER 101.9 AR Jonesboro, ads	

All of the above caught while I was still living with my parents. Last Friday, I moved into Topeka (about 12 mi. from my old QTH), so I will not start a new log. Now I need to come up a decent antenna for apartment use. I might be able to get my GFM-6 up outside, but the landlord doesn't sound very receptive to the idea so far. He was a CB nut in the cont.....

late 70's, so he understands my point of view.

About myself--I'm 26, single and work for the state of Kansas. I'm also taking nite classes at Washburn U., majoring in computer science, programming them. That's it for now. If there's an unID I could help you with, don't hesitate to look me up. '73's.

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

Equipt.: McIntosh MR-78 tuner, Probe 9, RG-6 coax

9/8 trs

1032 KWCK 99.9 AR Searcy, 320

"Quick 99.9", ex 99.3

9/14 tr

1835 WSTT 107.9 GA Thomasville, "South 107"

h. s. football 292

2017 WYGO?107.9 GA Gordon, b, "Sunny 107.1"

10/5 tr

0112 WVRY 105.1 TN Waverly, V-105, ID 136

0149 WULA 92.7 AL Eufaula, ID 196

0205 WHOT 104.9 AL Jackson, ID 234

0206 KXKX 107.5 LA Ruston, k 415

0220 WGECT103.9 GA Springfield, g

0238 WMCJ 104.9 GA Milan, "Country 105"256

0240 WKAK 101.7 GA Albany, "K-101.7",ads239

0243 unID 95.3 op, "The Fox"

0245 WNFJ 94.3 FL Lake City, "B-94",ID 372

0246 WOBW 102.3 GA Cairo, "B-102" ID 279

0259 WAWV 98.3 AL Sylacauga, "The Wave"95

over lcl. WKEA

0259 WAFX 95.1 AL Prattville, "The Fox"

over lcl. WNDK 142

0306 WMTQ 93.5 FL Port St. Joe, r, \$ ID

0922 WKJN 103.3 LA Hammond, "Kajun" 830

0930 WYNK 101.5 LA Baton Rouge, k 420

0950 KHOM 104.1 LA Houma, "K-Home" 440

0956 KTDY 99.9 LA Lafayette, ID 480

1007 WMEF 99.3 AL Monroeville, k, "WME" 222

1010 WILT 94.1 MS McComb, "Sunny 94" 335

1500 WAAZ 104.9 FL Crestview, k, ID 265

1630 WBKL 103.5 FL Callaway, o, "Cool 103"

A note on 10/5 log of WVRY Waverly, TN.

WQSB, but only on the PRO-2004 scanner with

its telescopic ant. No sign of WVRY on

Probe 9.

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

Well, there is life after the skip season, but it isn't as exciting. September actually was a record month - 5 new loggings, including 2 which qualify as DX (& a 2-mile gw booster logging). However, October so far has coughed up just one.

As usual, underlined means new; @ means new to Antioch; dashed underline means new mode. # means logged in San Ramon (near Pleasanton & included on Pleasanton log as well as Diablo Region log) using Blaupunkt car radio.

TIME	CALLS	FREQ	ST	CITY	DIST	REMARKS
8/29/90	IR					
0200	KMYX	103.9	CA	Taft	235	ID
0206	KTPI	103.1	CA	Tehachapi	265	KT-103; local
9/1/90	MS					
0200	K-LCY@	94.1	UT	SLC	555	Calls
9/8/90	GW					
0701	KLIO	101.9	CA	Shingle Springs	65	ID; from 102.1
9/9/90	SL					
2000	KQNC	102.1	CA	Quincy	135	ID; from 101.9
9/14/90	MS					
0436	KINN	105.5	NM	Alamogordo	945	Calls
9/16/90	IR					
0715	KBOQ	104.1	CA	Lompoc	235	K-Box 104
9/17/90	MS					
0428	KGKLE	97.5	TX	San Angelo	1285	Calls
	KBNA?	97.5	TX	El Paso		Sp o/ KGKL

CONT....

9/21/90 MS

0847 KZMT 101.1 MT Helena 785 Calls

10/5/90 MS

0316 KINN 105.5 NM Alamogordo Calls; again!

IR

0436 KAVC 105.5 CA Rosamond Phone #

10/14/90 MS

0322 KJZZ 91.5 AZ Phoenix 635 Calls

Skip reached 92.3 briefly on 9/28. Am hoping that was a sneak preview of something to come this weekend. If the monthly cycle of off-season skip holds, that'll be a time to watch for developments, anyway!

Matt Sittel, P. O. Box 21421, Raleigh, NC 27607

Equipt.: Yamaha TX-900U tuner with modified filters, Archer 6-bay ant., rab. ears, FM amp.

10/3 tr

0834 WJFK 106.7 VA Manassas, area ad 217

0834 WCXR 105.9 VA Woodbridge, calls 213

0842 WSLQ 99.1 VA Roanoke, "The New 99" 124

10/4 tr

0816 WMBB 105.5 SC North Myrtle Beach 137

0824 WXYL 102.5 SC Charleston, calls 218

0827 WHYK 99.7 SC Port Royal, calls 259

1754 WAWV 99.7 VA Staunton, ID 166

1846 WJFK 106.7 VA Manassas, ID 217

1849 WCXR 105.9 VA Woodbridge, calls 213

1906 WRQX 107.3 DC Washington, "Mix 107.3" 236

2220 WMJR 107.7 VA Warrenton, calls 209

10/5 tr

0805 WLOW 106.9 SC Bluffton, calls 270

0811 WXYL 102.5 SC Charleston 218

0821 WOBW 95.3 NC Wanchese, "Beach 95" 173

0829 WTRZ 92.1 NC Moyock, "Z-Rock" 158

10/6 tr

0840 WCXR 105.9 VA Woodbridge, calls 213

0843 WKQB 107.5 SC St. George, ID 207

0909 WSSX 95.1 SC Charleston, over WRNS! 218

0917 WYFH 90.7 SC North Charleston, EBN 214

0942 WNNZ 93.5 SC Summerville, "293", s 209

0951 WMGL 101.7 SC Ravenel, ID, j 227

0955 WHTK 99.7 SC Port Royal, ID 259

1005 WCHY 94.1 GA Savannah, calls, "Y94", k298

1017 WLOW 106.9 SC Bluffton, calls 270

1021 WDZX 104.5 SC Mt. Pleasant, "Foxy104" 216

1023 WXYL 102.5 SC Charleston, calls 218

1043 WKCL 91.5 SC Ladson, over WUNC!!! 211

1059 WSVH 91.1 GA Savannah, ID 298

10/7 tr

0905 WVES 99.3 VA Accomac, calls 215

2301 WCHY 94.1 GA Savannah, ID, k 298

2318 WIXV 95.5 GA Savannah, "I-95", rp 298

2330 WIGL 102.9 SC Orangeburg, calls, sat. k201

2335 WKCL 91.5 SC Ladson, way over WUNC! 211

2343 WCRJ 107.3 FL Jacksonville, calls, k 413

2346 WOCL 105.9 FL De Land, "Cool 105.9" 491

10/8 tr

0004 W219 91.7 SC ,WHKX xltr

0810 WMAP 102.3 SC Pageland, area ad 117

0814 WVES 99.3 VA Accomac, area ad 215

0816 WKHI 99.9 MD Ocean City, "Power99.9" 267

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

11/10 ex. gw 1900 KMKF 101.5 KS Manhattan, ID, r (previously logged on 101.7) 220

Thanks to some hints from a Canadian DXer and some trial and error experimentation, I managed to change my Onkyo's T-9090 digital readout to quarter channel incrementation. It required installing a diode, purchased from Radio Shack, in D709, left vacant by the maker. The difference in the new tuning has meant the difference between hearing a DX station clearly and not at all when tuned to the right of a strong station. As noted before the Onkyo's selectivity is uneven. If anyone wants a diode I'll send one out in return for two .25 stamps. Tuning now seems much slower. Any ideas on how to speed it up? '73.



# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

FORDXers in ME,VT,NH,CT,MA,RI,NY,NJ,PA,OH,MI,IN,IL,WI,IA,MN,ND,SD,NE,MT,WY,OR,CA,WA,Canada

NOVEMBER 1990

DEADLINE: The 1st

Well, the computer at the library is acting up so I will be doing this column on the one at school. The drawback is the software can only do a one column format; sorry. But I thought that this would be better than nothing!! Next month I will return to the multiple font format, because for favorable member reaction to that policy. Myself I think it makes the pages less monotonous. Lots of DX this month, thanks to sensational trop openings the last week of August and first week of September. DX upwards of 700 miles on trop was noted by several people. Things have quieted down since then though.

DAVID J. NIEMAN - 12284 NICE ROAD - AKRON, NY 14001-9529

Equipment: Carver TX-11 tuner, CM Stereo Probe 9, 25 ft. above ground.

AUGUST 1990

1 Tr  
0100 W214AA 90.7 NY Corning, ID WSKG/WISQG \$ 89  
26 Tr  
0305 WSSU 91.9 IL Springfield, ID, s\$ 606  
1058 WFKU 88.9 KY Richmond, call, c\$, 473  
1200 WAMZ 97.5 KY Louisville, ID, k\$, 497  
1349 WILL 90.9 IL Urbana, ID, c\$ 562  
29 Tr  
0833 W220AJ 91.9 PA Meadville, WCRF call, g\$ 128

SEPTEMBER 1990

3 Tr  
1900 WJHKS 94.9 PA Port Allegany, ID, r\$ "kiss-94.9-FM" 81  
2158 WFPK 91.9 KY Louisville, ID, c\$, 497  
2203 WJYJ 90.5 VA Fredericksburg, ID, g\$ 333  
2357 WILAC 105.9 TN Nashville, ID, r\$ 638  
4 Tr  
0700 WVEP 88.9 WV Martinsburg, ID, \$ 246  
0902 WJXQ 106.1 MI Jackson, ID, r\$ "Q-106"  
0926 WODJ 107.3 MI Greenville, call, o\$ ex-WPLB 343  
0934 WJEL 104.9 MI Marshall, call, m\$ 333

SEPTEMBER 4, 1990 Tr continued

1240 WJOT 91.9 TN Knoxville, ID, t-j\$ 561  
1314 WSGS 101.1 KY Hazard, call, k\$ 468  
1902 WQMR 91.9 MA Provincetown, ID, big band \$ 423  
1926 WISNE 93.3 MA Taunton, call, r\$ 378  
5 Tr  
2203 WJATZ 99.3 MI Alpena, ID, BB\$, ex-93.5 276  
2309 CBON27 90.7 ON Wawa, CBON call, FF t 460  
2309 CBON28 91.9 ON Chapleau, CBON call, FF t 419  
2328 WJKB 99.1 MI Iron River, call, BB\$ 532  
6 Tr  
0029 WILTO 103.9 MI Harbor Springs, call, k\$ 366  
0052 WUPQ 97.9 MI Newberry, call, k\$ 410  
0631 CKLP 103.3 ON Parry Sound, "LP-103", r\$ 181  
0707 CJMN 99.1 PQ Rouyn-Noranda, call FF, r\$ 366  
1521 CKUT 90.3 PQ Montreal, call, s\$ 300

Some real good tropes here in late August early September after a several year drought. I was surprised by several loggings; WCRF's translator in PA, WQMR at 810 watts and 2500 watt CKLP over 49 kw WUFX at 16 miles.  
Something that really surprises me; is how people find time to volunteer negative comments. But have little time to volunteer their skills and correct the inadequacy of the driving force behind the VUD; our column editors. Your input would turn me off as a first time reader; not a spelling error in your DX report. Davy Neimen - Akeron, You Nork

Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999 QTH Ackeman Ave Clifton

September 1990

Equip: Pioneer TX-9800 mod, 6 element FM R.S. ant, R.S rotor + coax.

3 QW 1500 WZAD 97.3 Wurtsboro NY -68 miles, Yes Bruce they ARE stereo, variety format, AOR, classical, Broadway mx  
4 SUPER TROPO! 2045 Amazing duct to the northwest, Syracuse at local strength! Buffalo rapidly picking up and near local strength. 2050 Buffalo 102.5 WJUC real good, 2053 CFMK 103.1 Cobourg ONT LOCAL way over W276AQ Ft Lee! Now it even gets better! 2055 CHTZ 97.7 ON, ST Catharines real good 2057 WBUF 92.9 Buffalo NY 2058 WNEO 94.5 t Buffalo NY w/classical (nothing much else to go on, who else can it be!!) need them!  
2100 CFNY 102.1 TORONTO ONT w/full ID finally my 1st Toronto at 326 miles! at bit later on: tentative on CBI 94.1 also Toronto having a opera or Broadway type of mx. At this time many unids, Joe Fela had ch 19 TVO I only had a trace of it....With the help of Mike Coniglio, he helped me // 105.3 over the phone with classical mx as CFCA 105.3 Kitchener ON at 369 miles, time at 2130 Thanx Mike! Bob Smolarek and I both received OXPC 92.1 Branford ON at 350 miles, I played it over the phone and so did he, and we were amazed at the strength it was coming in. Most of these catches were at near LOCAL strength! This is the best MW opening ever and the second best TR opening with 7/4 OHIO being the best. Joe and Bob also had 99.7 WHTK South Carolina at same time, not me.  
6 TR 1945 WPCX 106.9 NY Auburn at 215 mi - finally! Also Syr + Utica doing good.  
7 TR 0200+ WHOM 94.9 and WEFZ 92.9 LOCAL Strength! MENU 101.7 Hudson Falls NY real strong and stable! 0230 Boston picking up, Hudson Valley Super. 0245 most Boston's in...tired went to ZZZZZ

Comments: I have added 90.5 WJFF Jeffersonville NY at 73 miles and 98.5 WJQZ Catskill NY-80 mi-poor here. That Toronto area TR opening was excellent! What is even more amazing is the catches other DXers had DURING this Canadian opening! South Carolina! Wow! I haven't heard about trop-like this in a while. On 9/5 I had VT and Ohio on UHF!..not too shabby eh!....Im looking forward to reading about this super tropo. Gooding! Bill

NORTHERN FM DX

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

NOVEMBER 1990

AUGUST 23, 1990 Tropo

0140 CRO 99.7 PQ St-Georges de Beauce, \$ 150  
0200 WANC 103.9 NY Ticonderoga, \$ 113  
0201 CITE 107.5 PQ Quebec, \$ 150

SEPTEMBER 22 GW

1430 --- 89.9 PQ Montreal, mono, Players Monodial, description of car races 5  
Now some comments on Mr. Peter Q. George's special report from Whiteface Mountain, NY. I want to make some corrections on the bandscan. I have climbed a couple of times Whiteface and I doubt very much that you can hear Sudbury, ON on 98.1 I'm pretty sure it was CBOF6 in Cornwall (Yeah that would make sense-gc). Same thing fro CFMF 103.1 Fremont, PQ. I'm sure it was CHAA 103.1 in Longueuil, PQ. Finally, CKO1 106.9 Ottawa has been dead for some time. A good guess would be CBMZ 106.9 Trois Rivières, PQ which is also mono. (Charles, actually this bandscan was typed up by me a year ago; it took that long for HQ to squeeze it in, so I bet CKO was on at the time. But thanks for the info on CBMZ. Last March I was in Potsdam, NY and heard a strange 106.9 (CKO was off) and could not figure out what it was. Now I know!-gc) Note that I don't want to sound critical; I surely understand the difficulty to ID Canadian stations especially when they are publicly owned! Good DXing and 73's to you.- Charles.

ROBERT S. ROSS VE3JPC - BOX 4373 STN C - LONDON, ONTARIO N5W 5J2

Equipment: Marantz 2226E, FM beam for antenna

AUGUST 27, 1990 Tropo

2041 WJLN 97.9 IN Anderson, local ads, light hits on WJLN, mor w/WJLB 2204(WODJ) 107.3 MI Greenville, oldies music, ID as Oldies 107.3 WODJ

SEPTEMBER 3 Tropo

2022 WILQ 105.1 PA Williamsport, OM DJ, ID as 105.1 WILQ concert promo  
2057 WCID 89.1 NY Friendship, religious talk program

4 Tropo

1648 WUOT 91.9 TN Knoxville, fresh air PBS program, legal ID "From U of Tenn" new state #33 HEARD

1711 WIVK 107.7 TN Knoxville, c/w music, traffic report, AM 990 and FM 107.7  
1724 WGSQ 94.7 TN Cookeville, local ads, Country Giant 94.7 FM c/w

OVER LOCAL CHR W LONDON! (Wow!-gc)

1735 WEZK 97.5 TN Knoxville, ez rock mx, local ads, Knoxville's New 97.5 FM  
1806 WAXZ 97.7 OH Georgetown, local ments, ments of Georgetown & Brown county  
1815 WSGS 101.1 KY Hazard, wx, report, local ads for Hazard, SE Kentucky temps  
1825 WPAV 104.1 OH Portsmouth, Atlanta Braves at Cincinnati Reds BB, local ID  
1838 WJDI 93.9 KY Burnside, Hard Rock music, ID as "DJ 94"  
1925 WSNY 94.7 OH Columbus, Lite Rock, Sunny 95, sung out, OVER CHR W!

2257 (WEZQ) 107.7 NY Weathersfield, Easy 107.7 the New WEQ, Instrumental mor mx, ex-WBMMW

5 tropo

1839 WAFL 105.7 WI Appleton, Rock mx, 106AFL, ID's, rock and roll original  
1853 WDR 93.9 WI Sturgeon Bay, local obituaries, local news, Wisconsin state news  
1858 WPNE 89.3 WI Green Bay, Wisc. Public radio, NPR ID and "89.3 WPNE-FM Green Bay"  
1902 WJAA 88.7 MI Interlochen, community calendar, legal ID, classical music  
1904 WGLQ 97.1 MI Escanaba, rock mx, ID as Magic 97 WGLQ, req line 1-800-866-0097  
1915 WDCW 97.7 WI Sturgeon Bay, local ads, Northern Lites, sung out, rock mx  
1916 WUPQ 97.9 MI Newberry, mor mx, ID as Q-Lite, 97.9 FM Stereo  
1932 WQZZ 99.7 WI Sturgeon Bay, EZ Rock mx, ID as "WQZZ", DJ Karen Williams  
1938 WYSU 101.3 MI Sault Ste. Marie, mor lite pop mx, Stereo 101, Tom Jones mx special  
1954 WJCL 103.9 MI Menominee, local ads, ID as Bay Area's Power 104 FM, rock mx  
1951 WILTO 103.9 MI Harbor Springs, c/w mx, spot for Mich State Fair, ID as the New FM 104  
2010 WAIR 92.5 MI Atlanta, ads, local insurance company, OM DJ talk  
2018 WJPD 92.3 MI Ipheming, soft rock mx, calls, local ads  
2051 WIMK 93.1 MI Iron Mountain, upper peninsula sports adv. CNN news, K-93, heavy mtl mx  
2106 WLST 95.1 WI Marinette, MOR, Easy Rock 95 WLST for Green Bay Packers Football  
2116 WLEW 102.1 MI Bad Axe, Cruise 102, ID, rock music, WLEW Cruise 102  
2141 WKLT 97.5 MI Kalkaska, rock mx, ID as KLT, Traverse City ads  
2200 WCEN 94.5 MI Mt. Pleasant, 94.5 WCEN, 94 Hit Kickin Country  
2338 WMBN 96.3 MI Petoskey, call letters, jazz and mor music

MORE GREAT DX ON THE NEXT PAGE !!!

NORTHERN FM DX

NOVEMBER 1990

**BRUCE HALL c/o 141 KING GEORGE RD - BRANTFORD, ONTARIO N3R 5K7**

Equipment: JVC JR-S201 receiver (mod), Magnum Dynalab 205 sleuth, Stereo Probe 9 fed with RG6 at 50' AGL, crown rotor, distances are km

**AUGUST 1990 DX**

<b>20 TROPO</b>	km
0612 CKLP 103.3 ON Parry Sound, m, nx update, Lakeland Motor Sales ad	253
0630 CPBG 100.9 ON Bracebridge, rm, nx, sponsored by McNaughtons Hrdware	230
0643 WATZ 99.3 MI Alpena, rm, Eddie Rabbit mx, wx, Senior Citizens report	336
<b>21 TROPO</b>	
0700 CFMO 93.9 ON Ottawa, m, FM94, soft and easy favorites, wx afer Abba mx	447
0759 CBCN 96.1 ON North Bay, tm, CBC Northern wx, nx world report at eight	368
<b>22 TROPO</b>	
0611 WVIC 94.9 MI E.Lansing, r, 95FM, various ads, tc, sports, wx	350
0629 CJSD 94.3 ON Thunder Bay, r, 94FM, sports, QSL and bumper sticker rd	
<b>LONGEST TROPO TO DATE</b>	<b>920</b>

**23 TROPO**

0629 CJBC3 96.5 ON Penetanguishene, tm, CBC French, tc, followed by CBC news	184
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**24 TrS**

0707 WDBI 107.3 MI Tawas City, rm, tc, ID, Sports, moved from 101.7	295
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**25 TRS**

0800 WAUS 90.7 MI Berrien Springs, c.g, wx, Chruch Calendar by Jeffrey Smith	529
--	-----

0818 WHAD 90.7 WI Delafield, Wisconsin Public Radio, tc, wx at 0819	681
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**29 TR**

0716 WIBM 94.1 MI Jackson, ro, Oldies 94.1, all oldies all the time jingle	359
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**30 TRS**

0700 WKBI 94.3 PA St.Marys, r, FM94, followed by news, 745 watts!	258
---	-----

**31 TROPO/TRS**

0629[WXKR] 94.5 OH Pnt Clinton, r, Classic Rock X94.5, news update, ex WOSE	290
---	-----

0800 WLHT 95.7 MI Grand Rapids, W-Lite ID, folo Linda Rondstadt mx, car ad,nx	437
---	-----

**SEPTEMBER 1990 DX**

**1 TR**

0657 CFMK 96.3 ON Kingston, k, Country 96, community messages,	322
--	-----

0826 WJLB 97.9 MI Detroit, s, Pizza Hut and Pepsi ads, ID at 0829	255
---	-----

**2 TR**

0834 WYWR 98.3 MO Monroe, r, Tower 98, religious program Harvest Time	300
---	-----

**3 TR/TRS**

0626 WUPS 98.5 MI Houghton Lake, r 98 1/2 Hollie mx, "Long Cool Woman"	391
--	-----

0821 WITL 100.7 MI Lansing, k, Ricky Van Shelton mx, followed my sports, ID	368
---	-----

0904 WLCQ 100.9 OH Clyde, k, FM101, wx, ID	308
--	-----

**5 TR/TRS**

0648 WBNO 100.9 OH Bryan, m, New Easy101, Stephen Bishop music	405
--	-----

0715 WGMZ 101.7 MI Tuscola, b, ID, following 2 EZ instrumentals	262
---	-----

**6 TR**

0618 WAVT 101.9 PA Pottsville, r, T-102, 101.9 digital, Janet Jackson mx at 0622	400
--	-----

0646 WLEW 102.1 MI Bad Axe, rm, ID, "Turn on your fog lights and strap yourself in Michigan to 102.1 Cruise 102"	239
--	-----

0700 WZOO 102.5 OH Edgewood, r, 102 ZOO, wx followed by Stones "Honky Tonk Woman". 3000 watt catch over 105000 watt WMJQ Buffalo 70 mil 161	
---	--

**7-TR**

0632 CHRW 94.7 ON London, p, Radio Western U. Good news about CD's at	80
---	----

London Public Library, 2 CD's per card, for information call 661-5121	589
---	-----

0730 CBON27 90.7 ON Wawa, tm, CBC North, nx, CBC ID	
---	--

**8 GW/TRS**

0730 W288AL 105.5 NY Dunkirk, k, xltr WHUG Jamestown, 1 watt?	105
---	-----

0800 CBCO 105.9 ON Orillia, tm, CBC news, Oka lead story	173
--	-----

**9 GW**

1656 CFRU 93.3 ON Guelph, pj, Duke Ellington, ph# 837-CFRU, U of Guelph 50 w	70
--	----

**10 Tr/Trs**

0635 WPHB 105.9 PA Phillipsburg, k, ID, contest ph no. #342-2300	290
--	-----

0700 WMCR 106.3 NY Oneida, m, MCR Country ID, news	345
--	-----

2158 (WODJ) 107.3 MI Greenville, oldies, 300th catch since April 1990	437
---	-----

**NORTHERN FM DX**

**NOVEMBER 1990**

**BRUCE HALL'S REPORT continued**

**10 TrS**

0635 WPHB 105.9 PA Phillipsburg, k, ID, contest ph n. #342-2300	290
---	-----

0700 WMCR 106.3 NY Oneida, m, MCR Country ID, news	345
--	-----

2158 (WODJ) 107.3 MI Greenville, oldies, 300th catch since April 1990	437
---	-----

**12 Tr**

0621 WCUC 91.7 PA Clarion, o, YL, mention of oldies, Bill Withers song	230
--	-----

**15 TrS**

0734 WEMU 89.1 MI Ypsilanti, j, best of Bird, 962-1000	299
--	-----

**16 Tr**

0658 WPBM 89.1 VA Roanoke, cj, calls, and Roanoke, Va mentioned. very weak signal state no 15 heard. (Bruce, calls are WVTF-gc)	655
---	-----

**18 Tr/Trs**

0629 [WHMO] 107.7 OH North Baltimore, k, K108, news, ex: WIZD	365
---	-----

0706 WMRN 106.9 OH Marion, k, Country 107, ID, ph.387-1611 for concert tickets	368
--	-----

0739 WKPK 106.7 MI Gaylord, r, Top 40, KPK107 The Peaks, ID, lottery call	414
---	-----

0759 WQTL 106.3 OH Findlay, r, Power 106, calls	396
---	-----

**20 MS**

0657 CJBR 101.5 PQ Rimouski, c, CJBR-FM, tc, calls	1104
--	------

Very pleased and somewhat surprised by the amount of TROPO that was available during this report period. Entering my first fall of DX, I was expecting a dramatic decrease in available DXing (Often September is an excellent month for tropo-gc). Lots of new loggings I could not find in the spring. Many thanks to Bob Seybold for entertaining a small group of us after Labour Day and letting us use his DX shack and of course those fabulous hills outside Dunkirk, New York. Every DXers dream come true would be having those hills so close to enhance your hard to find DX. Thanks again Bob Seybold. 73, dB

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

Equipment: Pioneer Auto Radio (digital, 2 steps) all times EDT, mileage approximate  
I've just acquired an old analog FM tuner, a Kenwood KR-8140, from my brother in law. Has anyone used this for DXing? Can it be modified in the way that others have been modifying their receivers for greater selectivity?

**JULY 1990 DX**

**5 GW**

1240 WLZW 98.7 NY Utica, light and easy WLZW	120
--	-----

**6 Es**

0900 WMAU 88.9 MS Bude, PRM ID and network list	950
---	-----

**6 Tr**

1535 WWKS 106.7 PA Beaver Falls, calls	200
--	-----

1540 WRKT 100.9 PA North East, Rocket 101 under WEZG	135
--	-----

**8 Tr**

0236 WCIH 90.3 NY Elmira, Family Life Netwrok. // WCIH 88.5	80
---	----

0255 WROW 95.5 NY Albany, Bright and Easy WROW AM and FM news	190
---	-----

0330 unID 90.3 syndicated jazz after hours WAMC? . (or WCPN-gc)	
---	--

0335 CKBY 105.3 ON Ottawa, with country western music	
---	--

**8 Es**

1745 WMAU 88.9 MS Bude, PRM mx. my 3rd Es is a relog!	950
---	-----

**KEN ONYSCHUK - 13612 WENTWORTH AVE - RIVERDALE, ILLINOIS 60627**

Equipment: GE Superradio, 2880B, Panasonic RX-1230, portables  
My 1st report in several years, since I'm not a serious FM Dzer. But now and then I take in a bandscan hoping to get lucky. New DX for me, 6-7-90 in my last QTH-Country Club Hills: WAJI 95.1 Fort Wayne, IN with rr mx, then ID at 6:50pm. #3 on 95.1: Finally got 94.3 WBZM, 6:25pm, with sports talk and locals ad- finally one I have been trying for periodically-99.3 WAJK La Salle with pop music and c&w, ID at 9:25pm, #2's on 94.3,99.3. It is frustrating to be in the same county as Chicago and try to get thru and around the locals. My total is approximately 140 stations. Then a few Sunday mornings ago, 9-1, while reading the paper on the front porch and the Panasonic on 98.3, I managed to hear weak c/w music. About 8:30am several WTCA/WNZE IDs. Really surprized me. I moved to Riverdale on 7/10 and plan to be here awhile. Calls are welcome, 1-708-841-7982. Overall, been on AM-FM bands since 1966. Sports is what got me originally into DX, favor pro baseball, Highschool football, NBA Basketball primarily. Sat 9-15 afternoon, 1-2pm I noted just 2 FM stations carrying FB suburban outlts. I supply sports info to Barry Finkel in Chicago, college stuff to Rick Dau in Oakland, Iowa and the DX Audio Service, Good DX

SAUL CHERNOS - P.O. BOX 611 - ORILLIA, ONTARIO L3V 6K5 (705) 327-7809

## DX from Orillia, Ontario

## JUNE 27, 1990 Es

1600 KRVS 88.7 LA Lafayette  
1602 KHLA 99.5 LA Lake Charles, LA-99  
1614 WBSN 89.1 LA New Orleans, g

## JULY 10 Tropo

0030 DAB 99.1 ON Toronto, see note #1

## JULY 19 Es

1439 KTXK 91.5 TX Texarkana  
1450 KWKH 94.5 LA Shreveport

## SEPTEMBER 4 Tropo

0750 WGSQ 94.7 TN Cookeville  
1200 WAAL 99.1 NY Binghamton

## SEPT 6 Tr

1330 WACZ 93.9 NY Dansville  
1335 WAAL 99.1 NY Binghamton  
1355 CBCK 107.5 ON Kingston  
1400 WHWK 98.1 NY Binghamton

## DX from Burnt River, Ontario

## JUNE 12 Tropo

1812 CBLV? 92.3 ON Haliburton, ID over CBC News

## JUNE 13 Tr

0016 WFMK 99.1 MI East Lansing, Lite Rock 99, rm

## JULY 2 Tr

1930 WKLL 94.9 NY Utica-Frankfort, r

## JULY 3 Tr

0340 WOLW 91.1 MI Cadillac, g // 90.5  
0358 WJLN 89.9 MI Traverse City  
0500 WIAA 88.7 MI Interlochen

## JULY 4 Tr

1530 DAB 99.1 ON Toronto, see note 1  
2310 WRV- 91.7 NY Watertown, // WRVO 89.9

## SEPTEMBER 3 Supertropo

1825 WKCC 98.1 MI Saginaw, Q-Country, 98FM, KCC  
1829 WGLE 90.7 OH Lima, ID // WGT 91.3  
1831 WUGN 99.7 MI Midland, g  
1840 WKXA 100.5 OH Findlay, pr (relog)  
1842 WLEW 102.1 MI Bad Axe

Note #1: DAB is digital audio band demonstration in Toronto on the old CKO frequency. Similar demos done in other Canadian centres including Montreal; would have been a good Es or Tr target as likely at CKO old power and likely using its facilities (Saul, they seemed weaker at my house. I think I heard it was only 1 kw-gc). Beginning about 4 July in Burnt Rvr, steady tone and classical music noted. Later, in all 3 locations, variety of AM/FM stations used the channel, though I only heard CHRY 105.5 ON North York acknowledge this on the air. So if you heard CFTR 680 Toronto or anything else of this sort on 99.1, that is what you heard. Note #2: Great early Sept tropo brought a station on 98.9 that gave weather for Thunder Bay and ID sounded like WATV. I heard WHFS 99.1 MD in car on way to Orillia, but close enough to Burnt river to count. My first MD tropo from Burnt River, though I heard same station elsewhere in Ontario once. Wish I could have stayed at Burnt River, especially when a TN station came in loud and clear in car!!! near Orillia. I've never had Tennessee Tropo before!!!...Note #3: When Molson Indy was in Toronto they set up a low power station, thanks Mike Ried for the tip; I'm lucky I had plans to go to Toronto that weekedn; I lost it just north of the city and wouldn't have heard it in either Orillia or Burnt River under normal Es conditions..I've had very little time to DX. I missed what appears to have been some good Es, though I did check often to find nothing. Luck of the draw I guess. I was lucky enough to be in Burnt River for some good tropo. I didn't get up there often, so I was lucky in that regard. It is Sept 9 as I write: am at Burnt River and noted minor Tr all weekend, no time to check out as preparing for trip to Algonquin Park (camping) Sept 15 weekend and Czechoslovakia, E.Germany, and Vienna from 14-31 October. I hope to hear some good underground radio there and will try and report anything interesting, though my trip is for a political conference, and visiting "the neighborhood". Hoping to visit media outlets though, 73s, Saul Chernos

## SEPT 5 tropo cont.

2230 WOLW 91.1 MI Cadillac, g  
2232 WLST 95.1 WI Marinette, Easy Rock 95 WLST, ro  
2243 WQZZ 99.7 WI Sturgeon Bay, Quiz Radio, rm  
2246 WUPQ 97.9 MI Newberry  
2300 WBNI 89.1 IN Fort Wayne  
2358 WFRO 99.1 OH Fremont, sign off until 6AM

## SEPT 6 supertropo cont

0430 WFMK 99.1 MI E.Lansing  
0436 WCPZ 102.7 OH Sandusky  
0548 CKMF 94.3 PQ Montreal  
0548 WSQC 90.9 NY Ithaca  
0553 WRKU 95.1 PA Grove City  
0616 WFRJ 88.9 PA Johnstown  
0624 WIQY 99.1 PA Ebsenburg  
0655 unID 107.5 PA Pittsburgh traffic report

## DX from Toronto (first Es ever there)

## JULY 6 E-skip

2100 WMAU 89.9 MS Bude

## JULY 7 Tropo

0100 DAB 99.1 ON Toronto, see note 1

1600 CFMU 93.3 ON Hamilton

## JULY 7 Es

1500 WMIX? 95.7 (Likely New Orleans, WMXZ-gc)  
1530 WMNF 88.5 FL Tampa, the most dangerous radio stn  
1539 WCKW 92.3 LA LaPlace, pr  
1540 KRVS 88.7 LA Lafayette, FF, cajun music

## JULY 21 Tr

1400 Molson Indy Network 91.9 ON Toronto (see note 3)

## SEPT 12 Tropo

0700 WKAR 90.5 MI East Lansing,  
1832 WLQR 101.5 OH Toledo  
1854 WDEY 103.1 MI Lapeer  
1900 WFRQ 99.1 OH Fremont  
1904 WTTT 103.7 OH Tiffin  
1918 WCRZ 107.9 MI Flint, Cars 108, r

PETER Q. GEORGE (NIGGP) - 24 COLUMBIA ST. APT 1-F - BROCKTON, MASS. 02401 (508) 584-0374

Equipment: Receiver is Sony STR-VX750, modified with 150 khz filters, antenna is FM halo at 60 feet AGL, fed with RG8 U coax into Channel Master FM/TV amplifier

## JUNE 1990 DX

## 14 tropo

2210 WSYU 94.9 ME \$ Millinocket, Sunny 95 FM  
2304 WCMR 96.7 ME \$ Boothbay Harbor, C-96.7  
2307 WYOU 97.1 ME \$ Bangor, Country 97, YOU  
2310 WBLM 102.9 ME \$ Portland, 100,000 watts  
2320 WOKQ 97.5 NH \$ Dover, full quieting  
2326 WKCG 101.3 ME \$ Augusta, Maine  
2327 WQCB 106.5 ME \$ Bangor, country music,  
2328 WKZS 99.9 ME \$ Auburn, EZL, Kiss 100  
2332 WYNZ 100.9 ME \$ Portland, oldies // AM  
2336 WMGX 93.1 ME \$ Portland, AOR, progress  
2338 WCDQ 92.1 ME \$ Sanford, classic AOR,  
2344 WXGL 93.9 ME \$ Lewiston, Eagle 94, oldies

## 15 tropo

0017 WAQY 102.1 MA \$ Springfield, Rock 102,  
0019 WBAZ 101.7 NY \$ Southold, Bays Fm 101.7

## 17 tropo

2040 WLWH 93.7 CT \$ Hartford, NOAA weather  
2059 WRKI 95.1 CT \$ Brookfield, I-95, aor/gold  
2100 WRTC 89.3 CT \$ Hartford, legal ID  
2119 WDRC 102.9 CT \$ Hartford, Big D-103  
2124 WTIC 96.5 CT \$ Hartford, P-E-S-TI, 96TIC  
2127 WPKT 90.5 T \$ Middlefield, CT Public R.  
2300 WQVR 100.1 MA \$ Southbridge, sign off  
2301 WCCR 106.9 CT \$ Hartford, CT's first choic

## 19 E-skip

1745 WHTQ 96.5 FL \$ Orlando, Q-96 CHR, local ads  
1749 WJCL 96.5 GA \$ Savannah, EZL, AC, local ads  
1755 WAPE 95.1 FL \$ Jacksonville, Power 95 the big ape!!

Hope everyone had a great time, as I did, at the Manassas DX Convention (I sure did-gc). It was great to see some old friends as well as making new friends. Had a most enjoyable DX summer. I have remodified my 180s on my Sony with new 150s, many thanks to Sam Brown!! The 8/20 opening was most interesting in terms of its brevity, it only lasted 13 minutes!! However it did yield a new state for me-North Dakota. Greetings to Joe Fela for a fine DX report to my employer, WBET/WCEV(FM) in Brockton, Mass. Let it be known that WCAV 97.7 will verify all reports with our new and beautifully illustrated QSL card. Hope all have had a great summer and lets hope for some great fall tropo!! Until next time, 73's

## DOUG SMITH - 3105 OAKRIDGE AVE - MADISON, WISCONSIN 53704-5848

Equipment: Technics ST-G50 with unknown large Winegard VHF-TV antenna at 25 feet

## AUGUST 1990 DX

## 26 Tropo

KDHX 88.1 MO St.Louis, ID in promo  
WSIE 88.7 IL Edwardsville, ID  
KWML 90.7 MO St.Louis, classical music  
WYMG 100.5 IL Jacksonvill, ID, AOR  
KLOU 103.3 MO St.Louis

## 27 Tropo

2145 WFXE 103.3 IN Indianapolis, ID at 2147  
\*\*\*\* WFLU 103.7 IN Bloomington, classical music  
2149 WTLC 105.7 IN Indianapolis, Power 105  
2215 WFBQ 94.7 IN Indianapolis, Q95  
2331 WSEI 92.9 IL Olney, calls

## 28 Tropo

0003 WCLR 95.7 OH Piqua, ID with Dayton  
WBCL 90.3 IN Fort Wayne, calls  
WRKR 107.7 MI Portage, ID, AOR  
0153 WENS 97.1 IN Shelbyville

Some decent tropo, WCLR doubles my Ohio totals! WYMG and WWKI were regulars here on 100.5 until WYKY came on the air. Would have pulled in more on the 27th/28th but was busy trying to ID TV stations on 41 and 45.

Regards, Doug Smith



**FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455**

Equipment: Two Stereo Probe 9's, Channel Master yagis, one at 10 ft for Es, one at 45 feet for Tr/TrS/Au (Frank, I did get your previous report up to 6/10 and it has appeared in the VUD-gc)

**JUNE 1990 DX**

**11 Tr**  
2300 WYMT 106.9 NC Black Mountain  
2305 WKSF 99.9 NC Asheville, fast CHR

**12 Tr**  
0157 WNCW 88.7 NC Spindale  
0229 WDEF 92.3 TN Chattanooga, calls, b  
0230 WDYN 89.7 TN Chattanooga, legal ID  
0236 WKQD 93.3 TN Tullahoma, Weather, terr p.  
0238 WBBO 93.3 NC Forest City, WBBO-FM  
0243 WIST 94.3 TN Lenoirville, calls at tune in  
0259 WTHL 90.5 KY Somerset, calls,  
0300 WMBW 88.9 TN Chattanooga, weather, ID  
0331 WRSA 96.9 AL Decatur, Beautiful 97  
0337 WKIQ 97.3 TN Parsons, weather, legal ID  
0416 WEZK 97.5 TN Knoxville, b, calls  
0420 WDOD 96.5 TN Chattanooga  
0511 WZYP 104.3 AL Athens, valley wx at ZYP  
0539 WOUT 101.5 TN Johnson City, poor  
1823 WEAL 107.1 IL Lynnville, Cardinals station  
2249 WTCR 103.3 WV Huntington, WTCR AM/  
2250 WEMM 107.9 WV Huntington, local promo  
2252 WRVC 93.7 KY Ashland, promos, calls, etc  
2300 WKEE 100.5 WV Huntington, CHR, Key FM  
2330 WCLT 100.3 OH Newark  
2342 WLVO 96.3 OH Columbus, Q96 we rock Col.  
2355 WCLV 95.5 OH Cleveland, break for NPR  
2359 WOAL 104.1 OH Cleveland, calls, Great Hit

**12 Au**  
1753 WSTF 88.7 IL Edwardsville, calls  
1800 KGLS 93.1 TX Pratt, VCR ad, legal ID, "LS"  
1801 KLOU 103.3 MO St.Louis

**13 Tr**

0000 WLTF 106.5 OH Cleveland, DJ talk,  
0004 WPHR 107.9 OH Cleveland, legal, glad to get

0137 WOKI 100.3 TN Oak Ridge, WOKI, I-100,

0147 WNCX 98.5 OH Cleveland, female DJ

**14 Es**

1700 KCWC 88.1, KMGW 94.5, KTRS 95.5 all WY  
2126 KEYV 93.1 NV Las Vegas, local ads

**16 TrS**

2241 KITY 88.1 KS Topeka, Joy 88, local ments,  
**17 TrS (local WKZY 93.3 off the air)**  
1908 WAKW 93.3 OH Cincinnati, weak religion  
1927 WBTV 93.3 IN Kendallville, more country

**19 GW**

0703 KSLH 91.5 MO St.Louis, forgot to log this

**19 Es**

2143 XHSR 97.3 NL Monterrey, Usted es en el mundo  
de estereo 97.3 de Monterrey", over song

**20 GW/TrS local WKAI 100.1 off**

0213 KJMO 100.1 MO Jefferson City, calls, Ben E. King requested song  
0216 WJBD 100.1 IL Salem, AM-FM calls ID  
0232 KCTN 100.1 IA Guttenburg, heard legal ID nicely at 0302

**26 Es (local WJUM 91.3 off)**

2049 WSGI 103.1 FL Naples, Class 103  
2057 WDWI 88.7 AL Dadeville, ad and election  
2059 WLPJ 91.5 FL New Port Richey  
2123 WMTQ 93.5 FL Port Saint Joe, local ads,  
2133 WVOB 91.3 AL Dothan, MONO  
2259 WVST 91.3 VA Petersburg,  
100 watts, STATE #44

**26 TrS**

2255 WKMS 91.3 KY Murray, fast jazz

**27 Es**

0059 WHQR 91.3 NC Wilmington, sign off  
0847 WOLZ 95.3 FL Fort Myers, noted with new c  
0859 WJST 94.5 FL Port St Joe, Souther Gospel  
0902 WQOF 99.7 AL Dothan, local nx, Wool FM  
0903 WMLO 104.9 FL Havana, Mellow 105  
0908 unID 92.7 FL Note #3  
0914 WEEI 100.1 FL Port Charlotte, calls after Eagle  
0924 WTVY 95.5 AL Dothan, 95 Country  
0928 WSEB 91.3 F Englewood, that pest again...  
0939 WPAP 92.5 FL Panama City, call 769-1000 to  
1135 WHIL 91.3 AL Mobile, local mets  
1146 KRWN 92.9 NM Farmington  
1159 KSUT 91.3 CO Ignacio, MONO, list of songs  
1201 KEPC 90.5 CO Colorado Springs,  
1244 WJFT 89.1 FL Gainesville, 89.1  
1258 WLRN 91.3 FL Miami, Public radio WLRN  
1312 WJXR 92.1 FL Maccleny, 92.1 FM WJXR  
1321 WIUM 91.3 signed back on for good, whew!  
1339 WYYZ 93.5 SC Allendale, c&w medley promo.

**28 Es**

0949 WXTU 92.5 PA Philadelphia, country 92.5  
0952 WOGL 98.1 PA Philadelphia, Oldies 98 WOGL  
0954 WKXW 101.5 NJ Trenton, local ad  
0959 WFNM 89.1 PA Lancaster, legal ID, only 100 w  
1000 WRHU 88.7 NY Hempstead, station promo  
1012 NYC 90.7, 93.9, and others  
1012 WDLS 93.7 PA Dallas, 93.7 WDLS  
1023 WNHU 88.7 CT New Haven

1027 WHJY 94.1 RI, WLYT 92.5 MA

1057 WICN 90.5 MA Worcester, MONO, legal ID,

1747 KKKK 99.1 TX Odessa, local Odessa ads

1749 KGEF 99.9 TX Monahans, K-Gee 100,

1750 KOJP 96.9 TX Odessa, wx rpt

1757 WJST 94.5 FL

1758 KEHC 90.5 TX Odessese, legal ID, using these calls

**NORTHERN FM DX**

**NOVEMBER 1990**

**FRANK MERRILL'S REPORT CONTINUED**

**JUNE 28 Es cont.**

1805 KPTX 98.3 TX Pecos, police report, had Pecos  
1809 KVVW 95.3 TX Pearsall, Spanish, many local  
1815 KITY 92.9 TX San Antonio, local ad  
1816 KYTX 92.1 TX Devine, local ads  
1821 KJEB 92.7 TX Laredo, Pepsi Cola of Laredo  
1822 KBAT 93.3 TX Midland, The Bat KBAT  
1825 KNFO 95.5 TX Waco, 101 now at KNFO  
1832 KERB 106.3 TX Kermit, MONO,  
1835 KXS 105.5 TX Harker Heights  
1838 KBTS 93.3 TX Killeen, #1 in Austin, B93  
1841 KSAQ 96.1 TX San Antonio  
1844 KTKS 99.9 TX Waco, ads,  
1846 XHSRO 92.5 NL  
1848 KBHT 93.5 TX Crockett, local ad  
1849 KYXS 95.9 TX Mineral Wells  
1850 KQFX 96.7 TX Georgetown

1852 KHFI 98.1 TX Austin, legal ID  
1853 KIQX 101.3 CO Durango, call letters  
1855 KSMG 105.3 TX Seguin, Magic 105  
1859 KOPY 92.1 TX Alice, legal ID  
1900 KGSR 107.1 TX Bastrop, Star 107 KGSR  
1901 KZVE 107.5 TX  
1904 KKHR 98.1 TX Anson, local news

Note #1: I consider this the most difficult Cleveland to log, cause of the complication of WGLO-IL in the same direction, plus WFMS-IN, and WHOK-OH which gets out. This station was even tough from Toledo. I also needed the dumb luck of having it come in during a break after a classical piece, which is not easy.

Note #2: It's always great to have locals off 93.3 and 100.1 off due to weather I suspect: thunder. 91.3 was off for maintenance, supposedly in preparation for a power increase to 50 kw, which has not occurred as of 8/27. The 6/20 DX on 100.1 was truly dangerous; thunderstorms were all around, in fact for 16 hours straight! It was also nice to have skip in with WIUM off.

Note #3: Station came out of Florida news, with jingle "WTOA, WGNA 92.7". Nothing listed remotely like this. I called WAVV to ask about the new Marco on 92.7, DJ said that the 92.7 wanted to be WGLF, but license was denied after the tower/studio was built! (Frank, WGUF is now on with country-gc)

**JULY 1990 DX**

**1 Tr**

2225 KEZH 101.5 NE, Magic 101 ph# 410 2258 KEZG 107.3 NE legal ID 310 2300 KLIR 100.1 NE 370

**2 Tr**

0312 WBCR 90.3 WI sign off 170 0417 KESD 88.3 SD 410 0429 WAIF 66.3 OH legal ID 340 0444 WHHT 106.7 KY, legal ID w/Glasgow 325 1803 WKHQ 105.9 MI 440 1820 WFUR 102.9 MI 310 WOMC 104.3 MI 410 WHHT 106.7 KY 325 1858 WPHN 90.5 MI 425 1859 WOLW 91.1 MI same as 90.5 370 1915 CQOM 104.3 ON 510 1935 WKPK 106.7 MI The Peak 425 1937 WLTO 103.9 MI 360 2025 CBSM 89.5 ON Note #1 510 2030 WMKC 102.9 MI AM 940/FM 102.9 KC103 475 2130 WRLO 105.3 WI rare 340 2132 WINR 101.5 MI calls/address 395 2151 WQWN 99.3 WI calls 310 2215 WBIZ 100.7 WI, 2100 300 2258 WKTT 103.1 legal ID over WRWC 3000 2313 WQZZ 99.7 WI, "WQZZ we always play the music" 320

**3 Tr**

0114 WGFN 105.1 MI W-Gold FM rules Northern Mich 480 2100 WWRW 103.3 WI 280 WDOR 93.9 WI 320 2116 WGLQ 97.1 MI 350 2130 WJLW 95.9 WI WJLW contest, J-96 305 2135 WPNE 89.3 WI // to WHRM 90.9 305 2214 WUSW 96.7 WI local ad, US-96 265 2244 KMA 106.1 IA calls between songs 250 2250 KGCI 97.7 IA rare 180 2300 KUCC 89.3 IA legal ID, rap show 180 2307 KZBA 98.3 IA Ames/Boone ads, baseball 210

**4 Tr**

0004 KWAY 99.3 IA sign off 180 0041 KWWK 96.7 MN Quick Country 96.7 KWWK 235 0438 WIBM 94.1 MI strong 340

**5 Tr**

2358 WFIL 103.7 IN Bloomington, program promo, legal ID 240

**6 Tr**

0013 WCIC 99.3 IN promo type ID, k 280.....0101 WVEZ 106.9 KY, EZ 107 WVEZ jingle 300.....0106 WDXI 99.7 KY, 99.7 WDXI prnom 300.....0500 WKPB 89.5 KY legal ID, easiest KY here now 250.....0514 KCBW 92.1 MO, WCAZ off 180.....0528 WEBQ 102.3 IL rare 200.....0542 WKMD 94.3 IN, o, calls 220.....0602 unID 102.3 KY news items.....0605 WFPC 102.3 IN 240.....0617 WZDM 92.1 IN ad, lost to WEIC-IL 210.....6 Es: 2010 WZBH 193.5 DE 41

## 7 Es

1344 XHAA 93.1 TA.....1349 KJAV 104.9 TX.....1413 KLUX 89.5 TX, calls, promo, fighting with another g station that was not KVNE 970.....1424 KOPY 92.1 TX.....1434 XHQQ 93.3 NL, calls, brief 1160.....1436 KJBZ 92.7 TX.....1437 KAJA 97.3 TX.....1439 KIZZ 91.5 AZ, Anita Baker on 91.5 KJZ 1275.....1445 KJEE 92.7 LA, calls, Jefferson Davis Parrish, 695

## 8 Es (a hiccup!)

1341 WZZD 93.5 NC, beaches' best k.....1343 WYR 92.1 SC, Joy 92 FM, still a true "b".....1349 WCIQ 107.1 SC local ment.....1350 WMEF 97.3 NC, 97-3 MFD.....1356 WYAK 103.1 SC jingle ad.....1359 WMNY 100.3 SC.....1401 WIMX 103.3 legal ID.....1406 WGTN 100.9 SC, promo ID.....1410 WJVO 107.7 and WQBA 107.5 FL.....1414 WIIS 88.1 FL.....1417 WEAT 104.3 FL WEAT Easy 104.3, finally IDed this!.....1423 WTKK 98.5 FL.....1431 WJCL 96.5 GA Savannah area wx.....1435 WCHY 94.1 GA.....1437 WZZU 93.9 NC Raleigh and Greensboro ads.....1454 WNHV 92.3 NC Outer Banks ads, k.....1457 WOBK 95.3 NC Nags Head ad.....1458 WOFM 92.1 NC, legal ID with Chesapeake, VA.....1503 WSPV 105.5 VA Staunton "Stanton" ad.....1505 WLSA 105.5 VA, jingle.....1513 WYGM 92.7 DE Sunny 92.7, Milford ad, Verified per phone call. STATE #45.....1513 WKZY 92.1 VA, calls, Foxy 92.....1520 WYUU 92.5 FL.....1521 WMSJ 92.7 MD local stuff STATE #46.....1523 WZBH 93.5 DE, Ocean City ads, 93.5 The Beach.....1526 WSTW 93.7 DE, calls at 1528.....1528 WCVU 94.5 FL 1529 WWIN 95.9 MD, The best song and no mp. WAINAL 1529 WJCL 94.7 DE, Delaware best k.....1549 WPNC 95.9 NC Williamson ad, verified by phone.....1556 WOBM 92.7 "2.7 WOBM, for a split second, then WZZR-FL".....1600 WSWN 93.5 FL "Glade Parkokee-Clewiston" at tune in".....1635 WOCF 91.9 FL calls again.....1713 WMMZ 93.7 FL Z-93.7, 8 Tr; 1732 KBEL 99.9 MO weather and calls. 8 es cont; 2004 WPAP 92.5 FL.....2008 WKGC 90.7 FL.....2015 both WY's on 95.1.....2022 KIQX 92.7 WY, very strong entire opening.....2023 unID 91.1, call 472-2200 for requests-Classical show, unable to trace this.....2025 KDHT 92.5 CO 92.5 DHT.....2032 KSIT 104.5 WY.....2051 KROU 102.9 WY.....2100 KUWR 91.9 WY legal ID.....2103 KRAI 93.7 CO.....2104 KCFM 96.9 NE Scottsbluff ad.....2114 KUNC 91.5 CO.....2114 K214AK (Steamboat Springs: KUNC-see note #2).....WFLY or WXRK 92.3 NY

## 9 Es

2135 KGKL 97.5 TX

## 11 Es

1340 brief MUF 97.1.....1409 KRST 92.3 NM.....1629 KITY 92.9 TX.....2121 KTRZ 93.1 WY

## 12 Es

1512 KXKQ 94.1 AZ.....1514 KXTZ 94.1 NV promo, ID, b 1350.....1516 KOMP 92.3 NV.....1518 KKLZ 96.3 NY, 739-96FM.....1521 KMEQ 96.9 AZ, promo ID 1275.....1523 KOY 95.5 AZ "Y-95, smooth as a baby's butt" (Usually I won't count something with just a slogan but I had to here, classic!).....1527 KOOL 94.5 AZ, Kool FM, record hop promo.....1535 KDKB 93.3 AZ, 260-9393, calls.....1549 KLYT 88.3 NM, weak, Phoenix obviously not on.....1554 KZZP 104.7, calls.....1556 KJZZ 91.5 AZ.....1604 KMLE 107.9 AZ, legal ID, Camel 108, k.....1611 KAHM 102.1 AZ, calls and freq.....1614 KNOT 98.3 AZ, calls, Prescott ad.....1621 KMGR 107.5 UT, Magic 107.5 Wasatch Front weather.....1626 KEKB 99.9 CO.....1636 KDAB 101.1 UT, local ads.....1639 KQNM 93.7 NM.....1647 KLCY 94.1 UT.....1653 KEYV 93.1 NV.....1701 KFSI 100.3 UT, Light FM 100, calls.....1720 (KVEE)? 92.3 CO K-Joy, new calls?.....1721 KQIX 93.1 CO.....1723 KZOL 96.1 UT, KZOL Oldies 96 FM.....1726 KKAT 101.9 UT.....1732 KQSW 96.5 WY.....

## 14 Es

2042 KISC 98.1 WA, Lake Couer d'Alene, Kiss 98 FM 1400.....2216 CKHJ 93.1 NB.....2217 CBAF1 92.3 NS 1400

14 Tr KDMI 97.3 IA noted in stereo

## 18 Es

1834 WMOX 93.1 NC, 93 Mix, Reidsville, Greensboro ad 620

## 19 Es

1022 WNGS 92.1 FL.....1024 WINK 96.9 FL.....1030 WTMI 93.1 FL (MUF 107.9).....1039 WRMF 97.9 FL.....1134 WZTA 94.9 FL, Zeta 4 1165.....1135 WWUS 104.7 FL US-1.....1142 WIIS 88.1 FL.....1144 WUFT 89.1 FL.....1155 WBYZ 94.1 FL calls.....1200 WYCV 95.3 FL Ledal ID H.S./Crystal River/Inverness.....1207 WQLM 92.7 FL.....1229 KRTS 92.1 TX.....1312 WYFE 89.5 GA local annc.....1409 WMNF 88.5 FL.....1416 WTRS 102.3 FL, lcl ad

## 22 Es

2032 KUER 90.1 UT

## AUGUST 1990 DX

## 1 Tr

0359 WQIO 93.7 OH Mount Vernon, Super Q WQIO jingle	435
0426 WSVW 107.1 IN Danville, over WPGU, WSVW request and comment	240
0437 WYKS 106.7 PA Beaver Falls, legal ID with Pittsburgh	540
2241 WYLK 92.9 KY Lexington, k favorites of yesterday and today, WYLK-FM	370
2247 WRVC 93.7 KY	460
2253 WBNS 97.1 OH Columbus, The new FM 97.1 WBNS Columbus, promo	405

## AUGUST 2

## 2 Tr

0059 WPAY 104.1 OH Portsmouth  
0411 WMGG 99.7 OH Columbus,  
0413 WYGT 92.3 OH Columbus,  
0419 WSNY 94.7 OH Columbus  
0442 WOSU 89.7 OH Columbus  
0507 WCBE 90.5 OH Columbus,  
0514 WKIQ 92.5 IL Urbana, promc  
0527 WLAB 88.1 IN Fort Wayne, legal ID, g

## 2 Es

2033 KAMZ 93.1 TX El Paso, MUF at least 99.9  
2037 t Clovis-Portales 95.3, 99.1, 99.9 very brief

## 8 Tr

2350 KHST 99.9 MO Larnar

## 10 Tr

0044 KMOQ 107.1 KY Baxter Springs

## 10 Es

1914 MUF 93.1-Braves baseball

## 23 Tr

1803 WRKX 104.1 IL Leroy

## 24 Tr

2242 KSLQ 104.5 MO Washington, song ID

2252 WLSZ 105.3 TN Humboldt, Z-105.3

2326 WMYU 102.1 TN

## 25 Tr

0011 WNBZ 93.1 TN Alamo, EZ93

0018 KTXI 99.3 MO

0037 KADI 99.5 MO Republic, the new 99-Five

0114 unID 94.1, 94-1 The Fox, dance music

0123 WPKX 95.9 TN Henderson, The Superstation

0127 WTSH 107.1 GA Rockmart, South 107

0141 WCDQ 107.9 KY

2152 WKLC 105.1 WV, rare over WGEM/WUBE 470.....WRVC 93.7 KY 460.....2332 WBVR 101.1 KY 300.....2316 unID 88.7 k to SE (Strobel sez WMMT-KY possible), 2330 unID 88.1 black gosel HELP!!!, have tape and can play it over the phone, if know who to call, not WUTC-TN, WQRP-OH

Note #1 (July 2 2025) This briefly "floated over" WNIU-IL (exactly the same direction) Could be heard only on the Es low antenna! Could be identified only by tuning in CBC on my satellite dish and confirming the parallel programming.

Note #2: (July 8 2114): I lucked out here! A very lucky guess helped. I heard both stations seguing from an AlStewart song to a "new age" instrumental. By context, KUNC looked likely, so I called them. The DJ answered, and verified that he had played the 2 selections in the order that was on the tape I played for him, and these songs were played locally. This is my 2nd translator on satellite.

## AROUND THE DIALS-

Some changes to note in Salt Lake City: KCPX 98.7 has gone to an adult contemporary format, and a slogan "K 98.7" In response, KLVV 99.5 is now "Q-99.5" and a top 40 format. WALR Athens/Atlanta 104.7 has become a black a/c station, "Love 104.7". In Shallote, NC, 106.3 is now WCCA, b with some vocals, Further up the coast, WDLX 93.3 is AC, "Lite Rock 93.3", as a result WHITE 103.7 is Top 40 now, still "Hot 104". In Cape Vincent (Watertown), New York, WMHI 94.7 in on the air, religious, relaying WMHR Syracuse. Down in Texas, KFMK 97.9 Houston has given up a/c for an oldies format, KITY "Power 93" (92.9) San Antonio is no more; they have changed to KSRR "Star 93" and an adult top 40 format. WWCD 101.1 Grove City, OH on

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N6M 1L0

Equipment: Magnum Dynalab FT101A, Stereo Probe 9 at 27', Alliance HD73 rotor, RC11u, Magnum Dynalab 205 signal sluetth preamp.

## AUGUST 1990

25 Tr  
0314 KFMH 199.7 IA Muscatine, r\$, o/WUGN  
0329 KUUL 103.7 IA Davenport, r\$, Cool FM  
0329 WOZZ 93.5 WI New London, r\$, ID  
0333 WQWE 98.9 MI Vassar, r\$, ID, new  
0350 WGEN 104.9 IL Geneseo, r\$, ID  
0357 unID 94.9 ?? k\$, FM 95  
0358 WJCH 91.9 IL Joliet, g\$, very strong  
0417 WIXX 101.1 WI Green Bay, r\$, WRIF null  
0423 WBNQ 101.5 IL Bloomington, r\$, ID  
0502 WLTO 97.3 WI Milwaukee, r\$, Lite 97  
1519 WYCA 92.3 IN Hammond, g\$  
1524 WIAA 88.7 MI Interlochen, c\$,  
1547 WYXX 95.3 MI Battle Creek, r\$, B95  
1600 WYLL 106.7 IL Des Plaines, very weak  
1604 WKCG 105.9 IL Ellwood City, weak ID  
1612 WJOJ 105.1 IL Evanston, Spanish \$  
1620 WVAZ 102.7 IL Oak Park, r\$, V103,  
1905 WTAZ 102.3 IL Morton, Talk Radio 102  
1913 WFMT 98.7 IL Chicago, c\$ o/WLLZ  
1916 WBBM 96.3 IL Chicago, r\$, B-96  
1928 WUSN 99.5 IL Chicago, ads\$ US99

Very poor summer for Es after the first week in June Maybe the fall tropes will make up for the lack of skip 73

## MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Sony 5130, Probe 9 at 30' AGL, new underlined

## JULY 1990 DX

30 Tr  
0830 WFMV 106.3 NJ Blairstown, rare, Classic Hits  
0840 WSGD 94.3 PA Carbondale, Solid Gold 94  
AUGUST 1990 DX

4 Tr  
2300 Stron coastal tropes down to Norfolk  
2350 WRSF 105.7 NC Columbia

## AUGUST 5 Tr

0830 Norfolk still going strong  
2055 WBNJ 105.5 NJ Cape May  
2100 WLOB 98.7 NJ Vilas, k, ID  
6 Tr: WKSS 95.7 and WLVH 93.7 off-severe wx  
1842 WAOX 95.7 NY Manlius, r, last  
1851 WSTW 93.7 DE Wilmington, r, 93-7 FM  
also WFLN 95.7 Philadelphia, WZID 95.7 NH  
10 Es WCGY 93.7 MA Lawrence  
1805 WVFJ 93.3 GA Manchester, g

## 14 Tr

2150 CJMX 105.3 ON Sudbury, r, FM105 (Nice catch)

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

Equipment: see previous VUDs

## SEPTEMBER 1990 DX

4 Tr  
0830 WIBM 94.1 MI Jackson, o\$, over CBL  
0850 WITL 100.7 MI Lansing, k\$, over CHIN  
0906 WBCH 100.1 MI Hastings, k\$, again!  
0905 WSLU 91.9 IL Carbondale, ID, calls, prev by Es  
1000 WGSQ 94.7 TN Cookeville, k\$, strong, still in!  
1140 WFBQ 94.7 IN Indianapolis, Q-95, rp\$

More great tropes to continue next month. This September was the best month I have seen for tropes. Things have quieted down considerably since then although I think I had TV into Kentucky in October (see ETV DX). I think Dave Nieman made a good point in his report-take a look at it. Again, I apologize for the one-column format and the "awkwardness" this month-I am in the middle of a computer change.

1932 WXEZ 100.3 IL Chicago, ID, EZ100  
2008 WVPE 88.1 IN Elkhart, j\$, excellent  
2012 WBZM 94.3 IL Chillicothe, Cubs baseball, ads in breaks  
2040 WSWT 106.9 IL Peoria, mb\$  
2058 WCEU 88.9 IL Peoria, j\$, ID  
2100 WBEZ 91.5 IL Chicago, ID o/presumed WCIC Pekin  
2111 WKZW 93.3 IL Peoria, r\$, KZ93  
2122 WYMG 100.5 IL Jacksonville, r\$, ID  
2126 WFMB 104.5 IL Springfield, k\$, ID  
2130 WDBR 103.7 IL Springfield, r\$, ID  
2135 WCIC 91.5 IL Pekin, g\$, weather report  
2140 WSSU 91.9 IL Springfield, j\$, ID just over WJCH  
2201 KWWR 195.7 MO Mexico, Cardinals baseball\$

## 26 Tr

0009 WKKK 100.9 IL Pana, k\$, KO Country  
0135 KDHX 88.1 MO St.Louis, pr\$, excellent o/CBEE open carrier  
0156 KTMQ 98.9 MO Kennett, k\$, ID, promo, NEW Tr record  
(beats out WOI 90.9 at 627 miles)

0133 WNUY 100.1 OH Bluffton, r\$, the new Y-100  
0238 (WKKO) 99.9 OJ Toledo, r\$, K100, ex WKLR

## 31 Tr

1933 WDBI 107.3 MI Tawas City, HS football\$, ex 101.7

## MIKE CHERRY - BOX 631 - GANGERS, B.C. V0S 1B0 (604) 537-5201

## AUGUST 18, 1990 super tr!

2324 KGFN 95.9 WA cont g music.....2326 KAAR t, thought I heard Car non ID, weak.....2331 unID 89.9 // CBU 690 CBC mono AM service.....2336 KPQ 102.1 WA, r, Q-102.....2342 KXVO 103.9 t WA, very weak dance oriented rock.....19 Tr KATS, KKPL still full quietine

## Happy Holidays!!!

Still more DX to report from the hot tropes openings of late August and early September. According to some reporters, October was also a good month for DX, with several good trop openings noted, and even e-skip on Halloween night! If you saw any DX, lets hear from you! I would like to wish everybody a happy holiday season.....

BOB SKOLAREK - 166 OLDWICK ROAD - WHITEHOUSE STN, NEW JERSEY 08869

## JULY 1990 DX

## 8 Es

0936 WLQE 98.7 NJ Vilas, k, NJ #68 (tr)  
1405 KWIC 107.9 TX Beaumont, r  
1408 KGGK 106.5 TX Galveston, Spanish CHR  
1410 KBEU 108.7 LA Lake Charles, Bayou 104  
1428 WJIS 88.1 FL Bradenton, e-skip pest!  
1446 WQLM 92.7 FL Punta Gorda, b  
1500 WXCX 95.3 FL Homosassa S, Citrus 95  
1616 KFDI 101.3 KS Wichita, k  
1618 KEYN 103.7 KS Wichita, r  
1647 WHOD 104.9 AL Jackson, r  
1648 WMC 99.7 TN Memphis, r, FM100  
1650 KLKX 107.3 OK Poteau, k  
1657 WFFF 96.7 MS Columbia, r  
1700 WBBN 92.1 MS Brookhaven, k  
1704 WBBN 95.9 MS Taylorsville, k, pest!  
1706 WTYL 97.7 MS Tyertown, k  
1736 KCTT 97.7 AR Yellville, k  
1739 KAEZ 95.3 TX Gilmer  
1743 KBEZ 92.9 OK Tulsa, b  
1745 KISR 93.7 AR Fort Smith, r

## JULY 8 Es cont.

1754 KXUS 97.3 MO Springfield, r, US97  
1765 KVOO 98.5 OK Tulsa, k

## AUGUST 1990

## 12 Tr

1800 WYOL 100.5 PA Elizabethtown, k, Wiggle 100

## SEPTEMBER 1990 DX

## 4 Tr

1728 WICO 94.3 MD Salisbury, k, rare  
2015 WHTK 89.7 SC Prt Royal, r, relog of my best Tr, completely over WYFI Norfolk!  
2100 CKDS 95.3 ON Hamilton, r  
2106 WMJQ 102.5 NY Buffalo, CHR-dance  
2140 CKGL 96.7 ON Kitchener, Blue Jays  
2146 CKPC 92.1 ON Brentford, m, Hi Bruce!

## 5 Tr

1715 WAFY 103.1 MD Middletown, r  
1720 WFTR 95.9 VA Front Royal, rare  
1730 WRBS 95.1 MD Baltimore, g

WZZO on low power!

1900 WKHK 95.3 VA Colonial Heights  
1910 WWIN 95.9 MD Glen Burnie, s

September 4th was a great trop day, getting South Carolina and Ontario within minutes was a thrill. E-skip seemed to die after July 8th, too early for mel (me too-gc) 73, Bob

## PAUL MOUNT - BOX 126 - LINCROFT, NJ 07738

Equipment: Onkyo T9090 Mk II, FM Rabbit Ears, Archer Amplifier

## JULY 1990 Tr

## 4 Tr (a w/ setup call from Rick S and Bill)

## brought a new state

0703 WMAJ 105.7 OH Cleveland, wx, ID, most rx 60un  
0763 WDBA 107.3 PA DuBois, USA, local rx, Lite 107, g  
0803 WYRL 97.3 NY Ithaca + legal ID and Lite 97 FM  
0825 WDNH 95.3 PA Honesdale, spots, a better variety  
plus Connecticut, Long Island, Ocean City area stations

## AUGUST 1990

## nothing except as below

## SEPTEMBER 1990

Aside from that Great week after Memorial day, kind of a slow summer for skip. But, that mid-June tropo, the night of and after my DX get together was lots of fun. Brought the Onkyo to the Manassas convention, but TV DX (on competing adjacent sets) seemed greatly preferred, so most of the bandscan was compiled in the motel room instead. Basic reception (using same set up as home) seemed Harrisburg-Philadelphia-Ocean City-Norfolk-Richmond-Harrisburg-Martinsburg, Goldsboro, NC on 96.9 was the highlight. A tape and full listing exist. Mike and Shiley Wimer did a great job, and the FCC office was so interesting that I'm going back. Also had the tuner at the NRC convention in Pittsburgh, 3rd floor facing south. General reception range was Grove City-Altoona-Johnstown-Morgantown-Clarksburg-Columbus-Cleveland-Youngstown, with highlight being WPAY 104.1 Portsmouth, Ohio and terr. WALK 92.3 Roanoke VA "K92" and CHR (very likely them-gc). Tape and list made for this one as well. As for type faces, anytime someone puts together page after page of information for their column, being driven only by the love of their hobby, they can do it in as small and as many type faces as they want, and I will thank them! (Thank you, Paul-gc) 73 (Regarding your 94.9 unID, it was NOT Harrisburg as they are now WKLL and adies "Kool 95". There is a WHK's on 94.9 now, but in Port Allegheny, PA, near Clear, NY. I think another possibility would be WHOM Mount Washington, as it fits their format-gc)



Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999

Equipment; Pioneer TX-9800 modified, Radio Shack 6 element ant w/rotor at 75 ft, RG-59 coax

October 1990

7 TR 0000+ Strong tropo to Boston (not as strong as 6/17), All New England trop regulars. 0800+ Extremely strong tropo to the Southwest and to Eastern New England. Highlites: WDRE 92.7 totally gone! WOBM instead. WRCN 103.9 Riverhead NY wiping WFAS off the dial! Note WFAS normally unnullable. To bad I had to go to work today!

9 TR 2300+ Norfolk Area 290-310 miles; Norfolk 92.9, 100.5, 99.7; Princess Anne 102.5, WAFL 97.7 DE, South Jersey (rarely heard here)..WSJL 102.3, WBNJ 105.5 also WZXL 100.7 Wildwood wiping WHUD (strong all the time) off the dial, NO Trace of WHUD!: DC also good. With help from Joe Fela & Bob Smolarek (Thanx guys!) I ID-ed new WSBY 98.9 Ocean City MD (tuff through WUSL), WKSX 96.1 Cape Charles VA, and it's about time..WUDE 101.3 Hampton VA. Opening gone in 2 hours. Im happy with this nice opening.

Comments: It has been Zilch since this opening (today is Oct 30th), Remember dudes...December can be a good month for DX, with excellent Meteor scatter and the possibility of E-Skip!!! On another note, Greg you do a great job with NFM..don't let a ungrateful member or two get you down. Often it is the one who complains is the same one who does nothing for the WIFDA and reports nothing and contributes nothing except of course...complain! I never heard of some of these people, I guess they crawl out of the woodwork when they feel compelled to put there 2 cents in. Gooding Bill

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

Equipment - Two McIntosh MR-78 tuners feeding separate amps/tape decks, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

AUGUST 1990

5 Tr
0000 Exceptionally strong tropo to Southern New England and Boston
0000 WFHN 107.1 MA Fair Haven, legal ID, "Fun 107", r 197
0007 WFXR 93.5 MA Harwich Port, soft r, 237
0016 WWRX 106.3 RI Woonsocket, "Kix 106", Dance music, ex-WNON 179
100 WSNE-93.3 Taunton, MA noted on 91.5 - Long Island pirates at it again???
0147 WXL0 104.5 MA Fitchburg, old r, wx, ex-WFMP (last heard in 1970) 194
0200 WVVVE 102.3 CT Southington, legal ID, way o/WBAB 141
0206 WILI 98.3 CT Willimantic, r, "CT's Hits - I-98", o/very local WMGO ex-WXLS 139
0246 WBOQ 104.9 MA Gloucester, "W-Bach", classical, in the clear 239
0256 WCAV 97.7 MA Brockton, ID, k 205
0300 WTC 90.7 MA Springfield, legal ID, old r, o/local WFUV 142

27 GW/Tr

0007 WJFF 90.5 NY Jeffersonville, ID after NPR pgm., begging for \$\$ already

SEPTEMBER 1990

1 Tr
0644 WVES 99.3 VA Accomac, ID, b 209
3 GW
0016 WZAD 97.3 NY Wurtsboro, call + "The Wizard", r
4 Tr
2033 CKGL 96.7 ON Kitchener, ID, Blue Jays Baseball 318
2047 CHUMp 104.5 ON Toronto, "...From CHUMp-FM", r (sort of) 329
2102 CKLH 102.9 ON Hamilton, "K-103", wx 333
2124 TWNYp 99.9 NY Cortland, "Power 99.9", r, ex-WKRT 166
2200 CKPC 92.1 ON Brantford, ID, b 349
2225 WHTK 99.7 SC Port Royal, SID 665
5 Tr
0136 WMGG 99.7 OH Columbus, "Magic", r 454
6 Tr
2000 WQKZ 98.5 NY Catskill, legal ID, r 117
2015 WFRG 96.1 NY Rome, "96 Frog", k 190
2033 WOUR 96.9 NY Syracuse, call. r 192
11 GW
2031 WXPX 88.5 PA Philadelphia, ex-88.9 (a good frequency bites the dust) 58
73, Joe

WHPA Hollidaysburg
Altoona
fm 105

NORTHERN FM DX

JEFF FALCONER - BOX 83 - CLINTON, ONTARIO NOM 1L0

DECEMBER 1990

Equipment: Magnum Dynalab FT101A Probe 9 at 27' rotor, Magnum Signal Sleuth preamp, RG11

SEPTEMBER 1990

3 Tr
1500 WFMF 98.3 WI Menomonee Falls, c\$, dual ID w/Milwaukee 326
1532 WBNQ 101.5 IL Bloomington, r\$, ID 444
1558 WRYM 102.7 WI Suring, g\$, very strong 360
1609 WYMA 98.5 WI Algoma, m\$ 308
1632 WYBUS 99.9 IL Kankakee, r\$, ads, the Bus 371
1822 WFMB 104.5 IL Springfield, weak ID 505

20 Tr

2245 WFPK 91.9 KY Louisville, c\$, weather report 426

27 GW/Tr

2159 (WEZQ) 107.7 NY Wethersfield, b\$, EZ107.7-FM, ex:WMBW/WBYR 159

OCTOBER 31 Tr

2144 WKST 92.1 PA Elmhurst City, ID, r\$ 199

After the first week of September, I have done very little FM DXing, been concentrating on the AM band. Conditions haven't been all that great anyhow. Around 9PM Halloween night Es was coming in up to channel 5, but nothing on FM. 73 for now.

WELCOME NEW REPORTER!!!

JERRY MONROE KC2UT - 9186 FALLS ROAD - MARCELLUS, NEW YORK 13108

Equipment: Home: JVC Digital tuner, traps, 10 element Radio Shack yeg1 at 35 feet, 18 db pull CATV preamp. Work: Old 1980 Sony analog, HP8568A Spectrum Analyzer as front end, folded dipole cut for 100 Mhz at 10 feet parallel to warehouse metal wall (40X100 feet) favors East-West, Preamps, and tuneable bandpass filters. (Jerry, note that I IDed several of your unIDs-gc)

JULY 1990 DX (cont-gc)

unID 102.8 to south, WVBR (a new translator of WVBR 98.5?-gc)
WQRC 91.8 PA Lewisburg, Christian contemporary
WBRR 100.1 PA Bradford, Cool 100
WBLU translator 91.7 NY

AUGUST 1990

18 Tr
0600 WMMX 106.8 NY Vestal, Lite Mix
0690 WVCB 98.9 NY Loudonville, heavy metal and quick sign off (its near Albany-gc)

0880 WYSP 94.1 PA Philadelphia, Beatles
0945 WIOG 102.1 PA Philadelphia, country (Jerry, that does not sound like them. Perhaps it was the other G-102, WOWG DuBois, Pa.-gc)

SE Tr

0190 WKSU 99.7 OH Kent, folk music show, first time heard since Buffalo.
unID 106.7 WWKS (Beaver Falls, Pa.-gc), Kiss 107
unID 97.7 WQMM (Big Flat, NY (Elmira)-gc), ex

SEPTEMBER 1990

1 Tr
1600 CKAT 101.9 ON North Bay, quick ID, did not sound like CBC (they aren't-gc)

9 Tr

1100 CIMX 96.7 ON Windsor, heard in car I-800

5 Tr

2645 WDOE 98.9 WI Sturgeon Bay, STATE 80, Brewers and Twins BB, 580 miles (nice catch!-gc)

2888 WNIC 100.8 MI Dearborn, strong. Pillow Talk

SEPT. 8 Tr

0020 WKSU 106.7 MI Mount Clemens, thanks to 110 kha fitzse (adj to WMHR), oldies, varied them

0000 WYSS 99.7 WI Sturgeon Bay, oldies (Jerry, note this is WI too. Nice catch!-gc)

0100 WQON 100.1 MI Grayling, Houghton Lake talk

0180 WRFI 101.1 MI Detroit, rockin solid

0180 CHAY 96.1 ON Barrie, oldies.

0200 WEND 98.9 IN Notre Dame, prog, music, gave phone number, wonder what power is!

0200 WZAK 98.1 OH Cleveland, R&B, 98-G off

0700 WSHH 99.7 PA Pittsburgh, ex, tropo south

OCTOBER 1990 Tr

14 Tr

0800 WMMH 94.7 NY Cape Vincent, satellite of WMHR



per phone call to C.E
1000 WKSU 102.7 PA Williamsport, oldies /classic r

1000-1200 all stations to NE and Octava blasting in

1015 unID 104.8 Aqua Hill mention?

1020 unID 104.9 French (CJLA Mirabel, Que.-gc)

1080 WQBF 98.9 NY Plattsburgh, New York and Vermont's B-100, over Cortland, NY 99.9

1040 CBF 100.7 PQ Montreal, classical

1045 WEFZ 92.9 VT Burlington, w/es music

1050 CKUT 90.8 PQ Montreal, college station (McMill)

lots of on air goof-ups, jazz show

1100 WLSU xtr 80.5 Saranac Lake, 100 watts?

JERRY MONROE'S REPORT continued.....

1107 CIMF 94.9 PQ Hull, French

1117 CFQR 92.5 PQ Montreal, English

1118 CKMT 94.8 PQ Montreal, French, R&B, rep (interesting)

0080 WFSK 98.8 PA Edinboro, college, alt. rock

0050 CFMXI 98.8 ON Mississauga, over CFMK, ID as CFMXI Couboog, power?

0115 unID 106.5 "Bey Shore Overnight, for Kilarney to ?" (Owen Sound, ON?-gc)

28 Tr

2215 WWWW 106.7 MI Detroit, c/v. antenna east

2890 WNIC 100.8 MI Dearborn, pillow talk, ex

2898 CIMX 96.7 ON Windsor, The Mix

WDET 101.9 MI Detroit, Ethnic Poetry (Middle East)

WZZZ 106.9 MI Detroit, cool jazz

80 Tr

0125 WBNY 91.3 NY Buffalo, Buff State, heavy metal

finally heard old alumni!!! (WCNY off?-gc)

(Welcome to Norchara FM DX, Jerry!-gc)

STATION NEWS:

Rumour has it that WXGT "92X" in Columbus will soon be "ex-top 40"; a switch to WCOL-FM and Oldies is expected. WYMK 107.7 Tunkhannock, Pa is on the air. I called them up, and they called themselves "Y 107.7". WXBB Harrisburg is supposedly returning to easy listening format..

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

Equipment: McIntosh MR-78 FM Tuner - Stereo Probe 9 Antenna 37 feet above ground

## July 1990 (CDT)

30 tr					20 MS (August)		
1856 WKIO	92.5	IL Urbana-Champaign,	148		0410 WCIE	91.1	FL Lakeland 861
ex-103.9		"Oldies-92," \$			21 MS		
August 1990					0334 WNOR	98.7	VA Norfolk 551
1 tr					24 tr		
0900 WHMQ	107.7	OH North Baltimore, k\$	115		2130 WJEB	102.7	IL Macomb, r\$ 279
2 Es					(o/WPFR	102.7	IN and WVAZ IL)
1944 KGNZ	88.1	TX Abilene, g\$	961		25 tr		
1949 KBAT	93.3	TX Midland, r\$	1090		0000 WBFQ	97.7	IL Effingham, s/off 200
2038 KLYT	88.3	NM Albuquerque, gr\$	1216		(WSDM	97.7	IN Brazil, off air)
6 MS					0400 WNOI	103.9	IL Flora, r\$ 200
2351 KSCS	96.3	TX Fort Worth,	839		2122 WGLO	95.5	IL Pekin-Peoria, r\$ 220
		Previous Es			(o/WFMS	95.5	IN and WNIA IL)
7 MS					26 tr		
0423 KSCS	96.3	TX Fort Worth	839		0254 KMPZ	98.1	AR Osceola- 393
8 tr						TN Memphis, r\$	
2307 KQKQ	98.5	IA Council Bluffs-	554		2310 WLRT	92.7	IL Kankakee, r\$ 152
		NE Omaha, r\$, ads			(o/WZVZ	92.7	IN Kokomo)
9 tr					27 tr		
0055 WOW	94.1	NE Omaha, k\$, "wow"	558		0100 WRXZ	104.1	IL LeRoy, o\$, 175
2200 WCOZ	96.9	KY Paris-	150		ex-WMLA	92.7	
ex-96.7		Lexington, o\$			(WLBC	104.1	IN Muncie, off air M am)
9 MS					0600 WUCD	101.1	OH Grove City- 125
0408 KNID	96.9	OK Enid, Previous Es	724			Columbus, p\$	
11 MS					September 1990		
0230 WYFG	91.1	SC Gaffney	408		3 tr		
12 MS					0715 WRZZ	106.1	WV Ravenswood, wx/ad 215
1943 WNOR	98.7	VA Norfolk	551		(o/WINN	106.1	IN North Vernon)
2018 WKGR	98.7	FL Fort Pierce	926		10 MS		
2323 WKGR	98.7	FL Fort Pierce	926		0813 WCIE	91.1	FL Lakeland 861
2353 KISD	98.7	MN Pipestone,	610		13 MS		
		Previous Es			0200 WYFG	91.1	SC Gaffney 408
13 MS					25 MS		
0240 WKGR	98.7	FL Fort Pierce	926		1257 CKOI	96.9	PQ Verdun-Montreal 700
0525 WAYJ	88.7	FL Fort Myers	959		26 MS		
0540 WNCW	88.7	NC Spindale	380		0619 KTSD	91.1	SD Reliance-Pierre, 780
0824 WNOR	98.7	VA Norfolk	551			Previous Es	
					0740 KANZ	91.1	KS Garden City 845

## Meteor Scatter Results:

8/6 KSCS "...point 3 KSCS..."  
 8/7 KSCS "...96.3 KSCS..."  
 8/9 KNID "...69-KNID..."  
 8/11 WYFG "...To God be the glory on WYFG Gaffney, South Carolina..."

8/12 WKGR "...If you stopped going out on Monday nights because you thought every club in town was dead or closed, look again. 'Cause not only is Symbols in North Palm open on Monday nights, the place is rockin'. So get ready to party at the hottest ragga party in Palm Beach County every Monday night at Symbols in North Palm. Come out and enjoy live ragga by The Landsharks. If you've heard of The Landsharks, then you know they play ragga the right way. Plus you can enjoy free beer from 8 until 10, dollar longmacks, half price drinks and no cover charge. There'll be plenty of fun for everyone, including hula and limbo contests. And when the hottest ragga party is over, it's time for bar wars. So grab your team and get ready to compete with fantastic prizes. Don't miss the outrageous wet T-shirt contest this Tuesday night at Symbols, North Palm Beach..." (52 seconds)

8/13 WKGR "...Hi, I'm Jill...when it comes to Yes and all our friends today, we will entertain you and keep you coming back again and again...The Club - 3675 South Federal Highway between .? and Atlantic Ave. in Boynton Beach...734-KISS. That's 734-kiss. Open daily from noon to 2 a.m., and on Sunday from 6 until 2..."

8/13 WAYJ "...Well, once again it's summertime here in Southwest Florida..."  
 WNCW "...That's the news on WNCW. It's twenty minutes away from the hour of seven o'clock..."

8/12 WNOR "...The best rock on FM-99 WNOR..."  
 WKGR "...South Florida's official station for the 90's, 98.7 Kiss-FM..."  
 KISD "...KISD is..."

8/13 WNOR "...FM-99 WNOR new home of rock and roll..."  
 8/20 WCIE "...in Central Florida..."  
 8/21 WNOR "...9 WNOR..."  
 (Go on to next page for more)

9/10 WCIE "...at Pleasantville Assembly of God...south of Brandon, Highway 60..."  
 9/13 WYFG "...ney, a BBN station..."  
 9/25 CKOI "...C'est-quoi..."  
 9/26 KTSD "...This is South Dakota Public Radio. The time is ten minutes past the hour..."

9/26 KANZ "...partly sunny skies, winds will be out of the south at five to fifteen miles an hour. Sixty degrees in Pierceville at twenty minutes before eight o'clock central time. This is Morning Edition. I'm Lynn Montaine..." (Pierceville is just SE of Garden City)

The E-skip season ended here in early August. There was no FM skip to the New England states or the French Canadian provinces this summer which is unfortunate, as I could use more stations from these parts of North America. Even so, E-skip to other locations was very intense in the early summer and I was able to be home and log a number of new stations. So far this year I have heard 157 new stations due to E-skip, a few good days of tr, and a few caused by meteors, as well. Now I have resumed teaching full time here at Ball State University (commonly known as "Ball U"), where I am a professor in the School of Music. I also keep busy performing with the Muncie Symphony Orchestra (principal oboe).

I found the August Perseid meteor showers to be quite average once again. There are fewer frequencies to use for meteor scatter, and consequently I hear stations that have been heard many times. It seems that the South Florida station in Fort Pierce on 98.7 is now calling itself "Kiss-FM." I have no idea if a call change has taken place or not.

## "Q-95 FINED FOR INDECENCY"

An interesting article appearing in the July 21st edition of the Muncie Evening Press stated the following: Federal regulators have fined Indianapolis radio station WFBQ-FM (Q-95) \$10,000 for broadcasting indecent comedy routines. The Federal Communications Commission sent a letter Thursday to Great American Television and Radio Co. of Cincinnati, which owns WFBQ, advising it of the fine. The FCC found that portions of five broadcasts of "The Bob and Tom Show" aired between June 1987 and August 1989 "contained lewd and vulgar language dwelling on depictions or descriptions of sexual organs and activities." Two other skits under investigation were found not to be indecent. The station was fined the maximum \$2,000 for each violation. The station has 30 days to appeal or to pay the fine. The fines stem from a complaint filed in August 1989 by John R. Price, a Carmel attorney who founded Decency in Broadcasting. Price accused the station of broadcasting six comedy skits or songs that were indecent and offensive on the show, which features disc jockeys Bob Kevoian and Tom Griswold. WFBQ argued that the routines were at most "indirect, non-explicit, double-entendre humor about sexual matters." However, the FCC ruled that "the language used in each passage was understandable and clearly capable of a specific sexual meaning and, because of the context, the sexual import was inescapable." Decency in Broadcasting commended the FCC for its action. "The result of this decision by the federal government should be to set a high standard for broadcasting decency in our community, and thus benefit our children," the group said. Chris Wheat, station manager commented, "I guess they're uncomfortable with the show's content." "It's a free country. They're certainly allowed to express their opinion." Another complaint filed by Price against the station is pending. Price, an unsuccessful candidate for state Senate, filed a personal attack complaint shortly after the May 8 primary, when the station broadcast live outside his campaign headquarters.

Bob Zent, Huntington, IN visited me on September 1st and modified my Akai VO-4 FM tuner. This tuner has been used by Dave Brumfield of Richmond, IN the past few years. Before we tried anything, the selectivity was checked out. Some frequencies were impossible to use. Bob said the filters in the tuner were 230s. One of the 230s was removed and replaced with a 150 filter. This helped somewhat, so we took another 230 out and installed a second 150. The selectivity was improved even more. After this, a third 150 was installed in place of a 230 filter. The selectivity was again improved. However, this diminished the sensitivity. The third 150 filter was then removed and replaced with a 180 filter. This brought the sensitivity back to normal and improved the selectivity slightly more. We both felt that two 150s and one 180 filter brought out the best results in this digital tuner. Bob brought his modified Philips FM tuner to compare and we felt the selectivity of the Akai after modification was comparable to his tuner. Unfortunately, neither the Akai or Philips have the selectivity of my McIntosh MR-78. Before the modification, a frequency such as 94.9 was impossible to use because of 94.7 WFBQ Indy and WAJI 95.1 Fort Wayne. Afterwards, we could easily listen to WRBT 94.9 Mount Carmel, IL with my antenna aimed southwest. Many thank yous to Bob for spending the day here and improving the Akai. 73-Ralph

**NORTHERN FM DX**

**DECEMBER 1990**

**DANIEL E. OETTING - 22 CARRIAGE LANE - EXTON, PA. 19341**

Equipment: Yamaha T-70 tuner hooked up to Realistic 20db FM booster with (Embarrassing) rabbit ears, also a Panasonic RF 2600 with whip.

Greeting! It's great to be back in the club! I was a regular reporter to Northern FM from 1981-1985. I was living in Broomall, Pa. until last year when I moved to Glenolden (6 miles SW of Philadelphia). Now I live in Exton, Pa. as of 8/18/90. Exton is a marvelous place to DX from. It's at least 17 miles away from the nearest 50 kw FM transmitter. Adjacent channels next to locals are now clearer and there is no annoying spurious signals or overload problems like I had living 2 miles away from WKSZ when I lived in Broomall. I'm using a Yamaha T70 tuner still, but due to limitations in my new apartment, I cannot hook my 10 element beam. Just a pair of good old rabbit ears is what I'm using. I've been working weekdays midnight to 6 AM at WJBR FM 99.5 (America's Pioneer FM Stereo Station) "Bright 99.5" in Wilmington, De. I've been there for awhile as air personality "Dan Edwards". Some Sunday nights (Monday mornings) we lower power of the station for maintenance (to 10 kw or even 10 watts, usually 2AM-3AM). There's a tuner in the studio and I often check conditions. I can be reached at the radio station between 12:30AM and 4:30AM EDT at 302-475-4000 or 215-431-2100.

**SEPTEMBER 7, 1990 Traps**

0500 WMAJ 107.7 YA Wrennont, oldies	148
0820 WFLS 93.3 YA Fredrickburg, ad	155
0850 WFYA 101.5 YA Fredrickburg, news	155
0827 WAFX 106.9 YA Norfolk, r, "The Fox"	234
0839 WFRS 90.7 NC Elizabeth City, s, ID	260

**OCTOBER 8 Great New England Tr**

From Wilmington, Delaware:	
0505 107.9, 101.3, and 104.1 CT all in well	
From home in Exton, Pa.:	
0735 WTYD 100.9 CT New London, m, ad	208
0738 W220AAZ 91.9 NJ Paris, xing WPPWDC	
0748 WYBK 103.7 RI Westley, classic rock	218

On October 11, 1990-WXPN switched from 88.9 to 88.5 with more power, leaving 88.9 a nice DX frequency. Hear WEAA-MD and WGSU-PA constantly but occasionally hear some strange intruders. One station pops in with hard rock-WMJJ-CT? Another calls themselves "WYA Public Radio" (This is likely Martinsburg, I don't remember the calls though-gc), and another with "Family Radio" (That could be either Johnstown or Smithtown, New York-gc). Happy DXing, Dan O.

**MIKE CHERRY - BOX 691 - GANGES, BRITISH COLUMBIA V0S 1E0 (604) 697-6201**

Equipment/Antennas: see August 90 VUD @-mobile, Toyota FM stereo

**SEPTEMBER 1990**

<b>28 Tr</b>	1742 KCMU 90.3 WA Seattle "ner powered KCM....."	215
	(see notes)	
2247 KFFM 107.3 WA Yakima, K-Double-FM CHR, full quieting! @		218
2257 KOBE 103.1 WA Ellensburg, ID, r		186
2259 KPQ 102.1 WA Wenatchee, ID\$		185
2302 KFAE 89.1 WA Richland, j\$		279

**OCTOBER 1990**

<b>2 Tr Campbell River, BC @</b>		
0600 KMNT 102.9 WA Centralia, ID news		279
0601 KXXQ 96.1 WA Olympia, ec, traffic		243
0618 KXL 95.5 OR Portland, ad, promo		359
0624 KKSX 97.1 OR Portland, Kissin		359
0628 KGON 92.3 OR Oregon, ID, ad		362
0639 KINK 101.9 OR Portland, rp, ad		357
0710 KKCW 103.3 OR Beavertown, traffic		352

**OCT. 2 MS @-Campbell River**

Campbell River, BC is 138 mi. north of Ganges and is a hot spot for tropo to the south. I've DXed before from this south-facing mountain location. KCMU was very weakly coming in via tropo when it burst to full quieting and stereo! Oct 23 I was checking for aurora as CKRA "Lite 98" has come in a number of times via this mode. I never expected it to come in as a burst, which gave me a good laugh! Although a major solar flare caused this Au DX, it is the only sign of Au at all this fall-very disappointing. Locally, KEZX-FM has dropped its alternative adult format to regrettably embrace b and the E299 nonID. See a future FCC NEWS column for more on this. 73\$, Mike

**OCTOBER 8 Tr cont**

0750 WBEU 95.5 RI Providence, a bizarre mix of progressive rock, new wavs and Top 40, ID	252
0801 WYLY 94.1 RI Providence, r, ID	252
0814 WWHB 107.1 NY Hampton Bays, re WNEW	174
0827 WCTK 98.1 MA New Bedford, k, ID	269
0830 WYBB 101.5 RI Providence, o, B-101, ad	
0845 WKHU 88.7 NY Hempstead, news, ID	
0850 WSNB 93.3 MA Taunton, local talk under WMMR	289
0924 WYVE 102.3 CT Storington, o, Westley/Grotton ads	214
0926 WKPE 104.7 MA Orleans, r, Cape 104	317
0930 W220AGI 91.9 NJ Lawrenceville, xing WFDY-PA	
0941 WGBH 89.7 MA Boston, c, ID	288
0941 WCTO 94.3 NY Smithtown, mr, Magic 94	

On October 11, 1990-WXPN switched from 88.9 to 88.5 with more power, leaving 88.9 a nice DX frequency. Hear WEAA-MD and WGSU-PA constantly but occasionally hear some strange intruders. One station pops in with hard rock-WMJJ-CT? Another calls themselves "WYA Public Radio" (This is likely Martinsburg, I don't remember the calls though-gc), and another with "Family Radio" (That could be either Johnstown or Smithtown, New York-gc). Happy DXing, Dan O.

**MIKE CHERRY - BOX 691 - GANGES, BRITISH COLUMBIA V0S 1E0 (604) 697-6201**

Equipment/Antennas: see August 90 VUD @-mobile, Toyota FM stereo

<b>SEPTEMBER 1990</b>	1742 KCMU 90.3 WA Seattle "ner powered KCM....."	215
	(see notes)	
<b>5-9 local K217AV off air</b>		
(gw) KBCS 91.3 WA Bellvue, f\$		93
(tr) K217AJ 91.3 WA Cashmere // KFAE		176
<b>17 Tr</b>		
0841 KMHD 89.1 OR Portland, j, ID		234
0859 KBOO 90.7 OR Portland, n, ID		234
<b>22 Au</b>		
2336 CJAY1 95.1 AB Benff, ad, horrendous QRN!		434
<b>23 MS</b>		
2228 CKRA 96.3 AB Edmonton, in the West Edmnton...." prev Au (seenotes)		544
<b>24 Tr</b>		
0017 KFAE 89.1 WA Richland, c\$		279

**REPORT TO THE VLD!!!**

**NORTHERN FM DX**

**DECEMBER 1990**

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

Equipment: Superadio, Jerrard 9 element Radio Shack at the receiver amp.

End of season wrap-up July 23 to October 28

**SEPTEMBER 1990 DX**

<b>4 Tr</b>	2230 WJFE 90.5 NY Jeffersonville, good at times with Echos mx program	
	2246 WHOM 94.9 NH Mount Washington, r, some int from WKLL-NY	
	2300 CFMK 96.3 ON Kingston, ending religious show	
<b>16 Tr</b>	0055 WWKL 94.9 PA Harrisburg, strong, oldies	

**OCTOBER 21 SW**

1520 WYMK 107.7 PA Tunkhannock, new, noted on air with somewhat progressive or classic rr. Strong here but fortunately not enough to obliterate 107.5 or 107.9. (A reprieve for me until 107.9 Tobyhanna comes on). Tunkhannock is about 30 miles NW of me. That's it. It turned out to be a horrible tropo season for me. I can't figure how I missed out on all the tropo the other easterners got. Possibly the mountains wiped it out here (My guess would be the duct just skipped over NE PA this time. That can happen-gc). Next project is to keep an ear peeled for mid-winter E-skip. 73

**FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041**

Equipment: Carver TX11a receiver modified with five 150 khz IF filters. two CM stereo probe 9's stacked \*\* at 35 feet AGL, CAC11 75 ohm coax, home brew tunable band pass filter.

**JULY 1990 DX**

<b>8 Es to AR 2109-2110 MUF 109.7</b>		
2103 KAMD 97.1 AR Camden, wc, 97 Country	1119	
<b>8 Es to KS 2107-2330 MUF 107.7</b>		
2200 K3DB 91.9 KS Manhattan, rx, r	1098	
2230 KWJC 91.5 KS Liberty, g, local church anncts	988	
<b>14 GW</b>		
1655 WPPX 98.7 NY Oswego, Z96, new to air	29	

**AUGUST 1990**

<b>25-installed horizontally stacked SP9's</b>		
<b>28 Tr (remade warnings in area)</b>		
2152 WEGX 102.7 YT Manchester, r, Tomado	159	

Totals now up to 1525. \*Loggings made possible with 150 khz filter mod. \*\*Two SP9's were installed side-by-side per Bob Cooper's Tech Notes in 12/73 YUD. A 10' cedar 2X4 cross arm and heavy gauge steel pipe mast were used. Am still aligning antennas to achieve single null, which is very difficult to do. Installed a 2400 baud modem on my PC in August. Do others have file transfer capability in the WTFDA? 73-Fred.

**WILLIAM R. HEPBURN - 1211-1547 MISSISSAUGA VLY - MISSISSAUGA, ONT L5A 3B8**

Equipment: JVC R-X390V rcvr, 12th floor balcony dipoles, all \$ unless noted otherwise

**JULY 20, 1990 GW & Es**

CJLX 91.9 ON Toronto, Molson Indy Net		
2050 Es MUF 88.9		
<b>AUGUST 1990 DX</b>		
<b>9 Tr</b>		
0654 WERO 99.1 OH Fremont	295	
0659 CHRW 94.7 ON London, R.Western	85	

**26 Tr**

0367 WJCH 91.9 IL Joliet	465	
0429 WNMU t 90.1 MI Marquette		

Great tropo on August 26 netted St.Louis with great signal on 92.3 over Cleveland. 650 mile distance broke old record (Green Bay) set back in 1979. On Sep.27 I FINALLY picked up Quebec for province numero deux on FM. Wouldn't have been possible without the 150 filters. 91.9 is now a nice clear quiet frequency formally destroyed by adjacent 92.1 before the filter mod. For those who haven't done this yet (replacing your IF filters)--DO IT NOW!! FM-73s Bill

**BRUCE HALL c/o 141 KING GEORGE ROAD - BRANTFORD, ONTARIO N3H 5K7**

Equipment: JVC JR-S201 receiver (mod 3-150 filters) Magnum Dynalab 205 signal sleuth, Stereo Probe 9 fed with R38 at 50' AGL Crown rotor, distances are in km.

**SEPTEMBER 1990 DX**

<b>24 Tr</b>	0638 WHSK 94.9 PA Port Allegheny, New 94.9, KISFM	207
<b>25 Tr</b>	0801 WGCC 90.7 NY Batavia, r, Genesee College	192
<b>28 Tr</b>	2200 WPHN 90.5 MI Geylord, g, Moody Bdcant, ID	414
<b>27 TrS</b>	0702 WKQZ 93.3 MI Midland, pr, Z-93, mutual rx, sports	368

**SEPTEMBER 1990**

<b>9 Tr strong to Detroit at 1930</b>		
<b>13 Tr to SE</b>		
2042 WWAY 95.1 NJ Atlantic City, r, ID	275	
2115 WNTI 91.9 NJ Hackensack town, D, r*	171	
2136 WGEF 100.7 MD Westminster, r, ID*	249	
<b>18 SW</b>		
2032 WMLH 94.7 NY Cape Vincent, * // WMMR, g		
<b>19 Tr</b>		
1911 WDSO 94.7 DE Dover, D*	275	

Totals now up to 1525. \*Loggings made possible with 150 khz filter mod. \*\*Two SP9's were installed side-by-side per Bob Cooper's Tech Notes in 12/73 YUD. A 10' cedar 2X4 cross arm and heavy gauge steel pipe mast were used. Am still aligning antennas to achieve single null, which is very difficult to do. Installed a 2400 baud modem on my PC in August. Do others have file transfer capability in the WTFDA? 73-Fred.

**WILLIAM R. HEPBURN - 1211-1547 MISSISSAUGA VLY - MISSISSAUGA, ONT L5A 3B8**

Equipment: JVC R-X390V rcvr, 12th floor balcony dipoles, all \$ unless noted otherwise

**AUGUST 26 trap continued**

0438 WIL 92.3 MO St.Louis	850	
<b>NEW FM TROPO DISTANCE RECORD</b>		
0459 WFPK 91.9 KY Louisville	485	
0620 WKYN 97.5 PA St.Marys-Bradford DuBois	160	

**SEPTEMBER 27, 1990 Tr**

0938 CBF9 91.9 PQ Mont-Laurier, FF,mono ID with CBF 88.1 Trois-Rivers	285	
1054 WOVK 98.7 WV Wheeling	295	

Great tropo on August 26 netted St.Louis with great signal on 92.3 over Cleveland. 650 mile distance broke old record (Green Bay) set back in 1979. On Sep.27 I FINALLY picked up Quebec for province numero deux on FM. Wouldn't have been possible without the 150 filters. 91.9 is now a nice clear quiet frequency formally destroyed by adjacent 92.1 before the filter mod. For those who haven't done this yet (replacing your IF filters)--DO IT NOW!! FM-73s Bill

**28 Tr/TrS**

0628 WYK5 93.9 DC Washington, re, 93KY5, calls barely over CKMR, sports, Fleetwood Mac music	552	
0720 WBBR 93.9 WV St.Marys, r, 93R, NBC Friaday ad	428	
<b>30 Tr</b>		
0849 WSWR 100.1 OH Shelby, o, Beach Boys tune	322	
<b>OCTOBER 1990 DX</b>		
<b>1 Tr</b>		
0601 WKJ 100.1 KY Carrollton, r, calls followed by news	644	



**NORTHERN FM DX**

BRUCE HALL's report continues.....  
**2 Tr**  
 0709 WKXV 101.5 NJ Trenton, ro, calls, wx report 566  
 0730 WAYZ 101.5 PA Waynesboro, k, 935-555 heard after birthdays, Chambersburg mention 442  
**3 Tr**  
 0805 WYFM 102.9 PA Sharon, Youngstown's Lite Rock 102.9, Billy Ocean 230  
**4 Super Tropes**  
 0701 WBSB 104.3 MD Baltimore, r, New B 104, local traffic mentions, sports, Phil Collins music 529  
**5 GW**  
 0759 CHRY 105.5 ON Toronto, r, good 50w signal!! Pledges for support, ph#736-5656, my pledge announced 80  
**8 Tr**  
 0749 WYBZ 107.7 OH Loudonville, new age, the Breeze nonID plus mentions of Wooster, Ohio 323  
 0801 WYSN 107.7 OH Dayton, r, Rod Stewart, QSL recd 506  
**9 MS/Tr**  
 0822 CBAF28 88.5 NB Moncton, CBC French, tm 1272  
 0835 WYNP 89.9 WY Wheeling, c, WY Public Radio, NPR, local sps mention WY & YA Tech FB 355  
**9 Tr**  
 0638 WYPM 90.9 WY Morgantown, WY Public Radio, c 391

**12 Tr**  
 Still very much surprised with amount of DX available. Hope to catch some aurora this winter which would be a first. See you next year. Merry DXmas! 73, dB

**PETER Q. GEORGE (NIGGP) - 24 COLUMBIA ST. APT 1F - BROCKTON, MASS. 02401**

(508) 584-0374 no collect calls please. Receiver: Sony STR-VX750 modified with 150 khz filters, Antenna: FM transmit halo at 60' AGL, fed with RG 8/U coax, stereo unless noted

**SEPTEMBER 3, 1990 supertropes**  
 2020 CBAF14 102.3 NB Fredericton, CBC FF mono  
 2026 CLOK 100.5 NB St. John, K100, dance music  
 2029 WKIT 100.3 ME Brewer, no dance, no rap, no crap, AOR  
 2032 WABK 104.3 ME Gardiner, all new KFM, AC  
 2045 WXGL 93.9 ME Lewiston, Eagle 94, oldies  
 2053 CBMY 92.1 NS Yarmouth, CBC EE, mono  
 2100 CBZ 96.5 NS Halifax, Sun FM, AC oldies  
 2130 CJYC 98.9 NB St. John, C98 dance music  
 2140 WCDQ 92.1 ME Sanford, 92CDQ, AOR  
 2147 WYOU 97.1 ME Bangor, Country 97 YOU satellite C & W music  
 2152 WYWMJ 95.7 ME Ellsworth, WMJ, AOR  
 2154 WYIY 94.3 ME Biddleford, Joy 94.3, lite AC  
 2157 CBH 102.7 NS Halifax, CBC Stereo 102.7

Many, many thanks to Joe Fels for the call letting me know about this (9/3) supertrop. White Kitchener and Waterloo were banging into New Jersey, all of Maritime Canada was at my fingertips...all at local quality for hours!!! It was sure a short E-skip summer. Let us hope for more great tropes this fall. Also a very warm "thank you" to Mike and Shirley Wimer for a great DX convention. I can hardly wait til next year 73!!!!!!

**MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06062**

Equipment: Sony 6130 with 180/160 khz filters, Probe 9 at 30' AGL new are underlined  
**AUGUST 31, 1990 GW**  
 2100 WGMX 93.7 CT Hartford, r, Mix 93.7  
**SEPTEMBER 1990 DX**  
**3 Tr**  
 2022 CBL 94.1 ON Toronto, c  
 2048 CFCA 105.3 ON Kitchener  
 2220 WSHH 99.7 PA Pittsburgh, love songs  
 2300 WFRB 105.3 MD Frostburg, k  
 2325 WLTJ 92.9 PA Pittsburgh, Lite FM  
**4 Tr**  
 0641 WYWN 96.5 MI Coldwater, k  
 0646 WZAD 97.3 NY Wurtsboro, the Wizard  
 1637 WMJQ 102.5 NY Buffalo

**DECEMBER 1990**

0648 WYGY 97.7 MI Sandusky, m, sports, weather 216  
 0729 WZZY 98.3 IN Winchester, r, Balinda Carleto mx 520  
**13 TrS**  
 0755 (WDFX) 99.5 MI Detroit, Top 30 (f) thru WDCX, nonID The Fox, into Scott Shannon, ex WDTX 255  
**14 GW/Tr**  
 0659 CFGX 89.9 ON Semie, The Fox, r, Blue Water Magazine, followed by rnx and wx 184  
 0716 WYSE 99.9 NC Asheville, KISS FM, r, two 40 sec bursts, second in \$ thru WYKC. 99.9 KISS FM where WNC hears the hits. 20th state logged 865  
 0838 WYXZ 100.7 PA New Kensington, r, top 40, Pittsburgh's new Mix 100.7 FM 320  
 0922 (WYXO) 100.9 NY Olean, The Mix, Buffalo Bills ad ment on WYNS 1360, format? (etc I think-gc) 200  
**15 MS**  
 0645 WYWB 101.5 RI Providence, o, Station jingle ment all oldies, 21st state logged 750  
**16 TrS**  
 0717 WYGD 101.9 NY New York, L, CD 101.9, 1st NYC 538  
**17 TrS**  
 0714 WYJZ 103.5 MI Detroit, g, Prairie 103FM, calls, wx Difficult due to CDC 103.5 50 kw, 70 mi away 255  
 0801 WYTF 103.7 OH Tiffin, ph#447-1177, local news Probe west for partial null of K104 Erie 336

**NORTHERN FM DX**

MIKE BUGAJ's report continued...  
**SEPT. 6 Tr**  
 0760 CFCA 105.3 ON Kitchener  
 0762 CKGL 96.7 ON Kitchener, k  
 0764 CBCL 93.5 ON London, CBC mono  
 0765 CJBX 92.7 ON London, k, BX-93  
 0807 WCRF 103.3 OH Cleveland, g  
 0810 WYKZ 96.5 NY Catskill, Z-96.5, r  
 0815 WKBN 98.9 OH Youngstown  
 0818 WMJI 105.7 OH Cleveland, oldies  
 1600 WMJQ 102.5 NY Buffalo  
 1818 WUFX 103.3 NY Buffalo, the Fox  
 1820 WBUF 92.9 NY Buffalo, oldies  
 1960 WRHP 107.9 NY Syracuse, beaut. mx  
 2040 WHGL 100.3 PA Canton, Wiggie, k  
 2103 WYEM 100.1 PA Lebanon, Lite 100  
 2130 WYKS 94.9 PA Harrisburg, Kool 94.9 (Mike,

**DECEMBER 1990**

calls are now WWKL or something like that. More confusing. WHKS is now a 94.9 in Western Pennsylvania-gc)  
 2234 WQKX 94.1 PA Sunbury, accu-weather 9 Tr  
 0830 Heavy tropo down the coast as far as NC. Norfolk 92.9, 94.9, 106.3, 103.3, 99.7, 107.5, 102.5, 96.7 all very good.  
 0919 WZVC 103.3 NC Newport, Z-103  
 0920 WRSF 106.7 NC Columbia, this was in and out all day until around 1800!  
 2018 ( ) 97.3 VA Newport News, Eagle 97, k  
 2020 WBJC 91.5 MD Baltimore  
 2046 WYVA 94.1 VA Yorktown, k  
**28 Tr**  
 2146 Norfolk area fair  
 2301 WZVC 103.3 NC Newport, Z 103.3  
 2310 WRSF 106.7 NC Columbia, Surf 106

**GREG CONIGLIO - 5100 GLENWOOD DR. - WILLIAMSVILLE, NY 14221**

Equipment: see previous YUDs. Pioneer has 4 150 khz filters installed, RS 0-10-20 db FM amp used  
**SEPTEMBER 1990 DX**

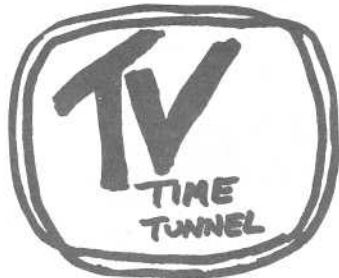
**5 Tr**  
 0029 WJWZ 103.5 TN Knoxville, rp\$, calls 537  
 0100 WYKH 90.9 KY Hazard, c\$, ID with WEKU 459  
 0101 WEKU 88.9 KY Richmond, c\$, // above 455  
 2206 WGLQ 97.1 MI Escanaba, r\$, Magic 451  
 2217 CQJM 104.3 ON Saut. Ste Marie, Q-Country 369  
 2234 CBON26 91.9 ON Chapleau, French 404  
 2235 CBON27 90.7 ON Wawa, French 452  
 2247 CBLJ 88.3 ON Wawa, CBC Mono English 452  
 2250 CBON21 104.9 ON Gogama, French 370  
 2310 WJRO 97.9 MI Newberry, legal ID - news 405  
 2315 WZNL 94.3 MI Norway, sung out calls, hard to copy Farthest Class A trop to date. 488  
 2330 WYKX 104.7 MI Escanaba, k\$, 451  
 2331 WGRY 101.1 MI Roscommon, N. other Michigan's Tru Country 331  
 2353 WBYZ 106.3 MI Lakeview, calls ment. in promo 330  
**8 Tr**  
 0000 WJML 98.9 MI Petoskey, legal just over WKLX 350  
 0010 WLTO 103.8 MI Harbor Spa, the New FM 104 354  
 0014 WQON 100.1 MI Grayling, m\$, sat. fed, calls 315  
 0705 CHEW 94.7 ON London, local news, 50w? 191  
 0730 CHEY 94.7 PQ Trois-Rivieres, Chey FM, French 380 cx good to the northeast

**SEP 12 Tr**  
 0730 W220A 91.9 PA Meadville, xtr WCRF Cleveland 115  
 0747 WYKS 94.9 PA Port Allegheny, new to air, 94.9 Kiss 82  
 0815 Syracuse very local, including WYYY over local 94.5  
**19 Tr Tr**  
 2025 WYMN 88.9 NY Auburn, rock music\$, Wfn slogan 100  
 2200 WYH1 94.7 NY Cape Vincent, g\$, WYH1R, new on 150  
**30 TrS**  
 2214 WHTO 103.9 PA Muncy, r\$, "103.9 WHOT" 158  
**OCTOBER 1990 DX**  
**18 Tr**  
 1522 WYFM 100.1 PA Lebanon, local ads 230  
**20 Tr**  
 1033 WWSH 97.9 PA Hazleton, m\$, o/WPKY, Wsh 198  
**30 Tr**  
 0715 CKCU 93.1 ON Ottawa, last Ottawa needed, calls, Carleton U ment, very tough due to CHAY and WNTQ 225  
 0717 WYMD 104.7 MD Hagerstown, b\$, over WKFM  
**NOVEMBER 1990 DX**  
**5 TrS/WEZQ 187.7 off air!**  
 1130 WYMK 107.7 PA Tunkhannock, called to verify, very friendly conversational w/DJ, 3 kw 175  
 1142 WYKZ 107.7 OH New Baltimore, k\$, calls also heard WGTY, WGNB, WSNJ, tent WBZW, WWSN 265

Again, September and October were very good for tropo activity. There were even a few openings to the south that I missed according to other area members. The fall tropo season more than makes up for the e-skip season this year. My DX year in review. Not much happen in the spring at all, save a few auroral openings. The biggest event of the DX year for me was having the 150 khz filters put in my tuner. (Thanks Bill Nienajady!) That has made DXing much easier here, and helped me to eclipse the 1000 total. For me the best E-skip month was May, especially the last week, with an MUF of TV 9 noted! E-skip just died for a majority of June except for a few good openings while I was in Ocean City. July was OK for skip, nothing big, but not bad either. July 8th was probably the best day. Two out of season openings should be noted: Aug. 22 and Oct. 31. The big was the trop in August, September, and October. On August 22 I broke my tropo record with a 705 mile catch to Duluth, Minnesota. Just 4 days later Crestwood, Missouri came in on 94.7, giving me my second best tropo ever (roughly 685 miles). The amount of reports in the YUD of hot tropo from August 26-September 5 was amazing. Now I am experimenting with phasing out locals. The amp I use has input for both 75 and 300 ohm leadin, so I have the Probe 9 hooked to the 75, and a pair of rabbit ears hooked to the 300. In some cases, it has weakened the semi-locals down enough to hear someone else, or more importantly, cut down on images enough to hear tropo scatter behind it. It hasn't worked as well as I'd hoped though.....Anyway, sorry about a lack of a column last month, I brought it to the store with a post office, and they said they would mail it for me, and threw it into their bin forgetting to put stamps on it. That's the last time I leave before seeing them put the stamps on in person! New software is being used, so far OK, still some quirks to be worked out (Microsoft Word). Any comments are welcome. Happy Holidays!

73, Greg

\*\*\*\*\*  
**O O P S !!** - Last month in this column I made mention of a 'VUD member'. WRONG! We read the VUD..but are members of WTFDA! I also stated that NOBC had (or was in the process of getting) a cp for channel 12 in Bismarck..wrong again..that station was already on the air as KBMB-tv. **OOPS AGAIN:** There were a couple of misspelled names in the October story on the Manassas convention. Apologies to Marv Shults (not Schultz) of Toulon, IL; and to Bruce Hall (not Hill) of Brantford, ON. My proofreader (ME) will be severely beaten with wet noodles for overlooking such obvious errors! such foulups in the future will result in a sentence of watching nothing but Home Shopping channels for a month  
 \*\*\*\*\*



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



CHANNEL 11 / FARGO---Cont'd

**OFF AND RUNNING:** The first application for a new television station on channel 11 in Fargo, ND was announced by the FCC in January 1957. It was filed by Marvin Kratter, a New York real estate investor. Kratter dropped out of the contest less than a year later. Although there was strong speculation that he had been 'bought out' by his only competitor, the true reason for his exit was never made public.

**STRANGE BEDFELLOWS (and wife)?!:** The second application for the channel 11 facility was announced on July 1, 1957. It was submitted by the North Dakota Broadcasting Company and listed as principals the majority stockholders of channels 4 and 6...men believed to be arch-rivals...**John W. Boler and Earle C. Reinecke and wife."**

**HOW CAN THIS BE?:** Owners of two existing stations applying for a third station in the same market? Don't FCC regulations prohibit this? therein lies the largest grey area of this report; and when the material that is factual has been presented, I'll offer some conjecture as to what might have taken place..and why. Meanwhile, the story continues.

**QUESTIONS ARISE:** NOBC was now the sole applicant, but the FCC was concerned about signal overlap and concentration of control. A hearing was scheduled for January 1958. Prior to that, WDAY-tv had filed for and was granted a petition to interfere. Tom Barnes, then WDAY-tv General Manager, stated that the opposition was based in part on availability of program material, network affiliation, and '...some purely legal questions which WDAY-tv desires to have resolved by the FCC."

**BITING THE HAND THAT FEEDS YOU?:** In essence, Barnes had filed against his own boss! (Remember that Reinecke was not only a co-applicant for channel 11..but ALSO the majority shareholder of WDAY-tv!) Mr. Reinecke did not comment on the progress of the hearings or about his involvement with either organization. Meanwhile, NOBC's Boler countered opposition stating that '...channel 11 would carry the same program service as is currently used by channel 4.."; thus creating only a KXJB-tv repeater.

**THE GRANT:** In late May of 1958, FCC Hearing Examiner Elizabeth C. Smith announced that NOBC was favored for the new channel 11 station. No other details of that proceeding were publicized and apparently no further protests were filed by WDAY. The license was granted; the call letters KXGO-tv assigned; and the station began programming on October 11, 1959.

**DOES JOHN KNOW HIS ABC'S?:** The FCC had been given the impression that KXGO-tv (11) was to be no more than a repeater of KXJB-tv (4). After all, that's what John Boler told the Commission during the hearings. Since the channel 4 transmitter was almost 50 miles WNW of Fargo (at Pillsbury), the KXJB-tv signal was inferior in the Fargo-Moorhead (MN) area. It made sense that the new channel 11 facility with transmitter about 10 miles SSE of Fargo (at Sabin, MN) would correct that problem. In reality, the carriage of CBS on KXGO-tv never came to pass; and the new station was an ABC affiliate from the day it signed on. Prior to that time both WDAY-tv and KXJB-tv had been airing selected ABC programming. Tiny KXGO-tv shared the already crowded KXJB-tv control room in West Fargo. The overall operation of the two stations was a 'Chinese Fire drill'. Additionally, channel 11 was severely limited in coverage with an ERP of 30 kw (visual) and a 350 Foot tower.

**NEW OWNERS:** On July 25, 1962, less than three years after it began operation, the sale of KXGO-tv to Pembina Broadcasting Co. was approved by the FCC. The Pembina group already owned KCND (12) in Pembina, ND (an independent) and KNOX-tv (10) in Grand Forks, ND (an NBC affiliate). On May 16, 1963 the channel 11 call letters were changed to KEND-tv (Eastern North Dakota, and plans were announced for construction of new studios along with origination of locally produced programs. At the same time the Pembina group announced that when a new 2,063 foot tower near Blanchard, ND was completed, transmissions would cease on channel 10..no longer necessary since channel 11 would put a city grade signal into Grand Forks. When all of that had been accomplished there were additional plans (which never materialized for the Pembina group) to move channel 10 to Thief River Falls, MN as a satellite of channel 11. So.... between mid-May of 1963 and early February of 1964, KEND and KNOX aired the same programming; channel 10 switching from NBC to ABC to do so. KCND (see VUD 'Time Tunnel'/July 1989) remained an independent.

**TOWERFUL !!:** When the switch was made to the 2,063 Foot tower the channel 11 call letters were changed again..this time to KTHI (Lower High). It was the tallest man-made structure in the world, and retained that honor for many years. With 316,000 watts visual ERP the new KTHI-tv became a dominant force in the market. Also at the time of the tower and power boosts channel 11 made still another studio move..this time to an ultra-modern facility (still in use) near I-94 just south of Fargo

**WHO'S THE BOSS?:** Since it signed on in 1959 channel 11 has had at least 6 identifiable owners. With formidable competition from well established NBC and CBS forerunners, the station had been a loser from day one both in ratings and revenues. Finally, under the umbrella of group owner Morgan Murphy (Spokane Television Inc.), the station began a slow but steady uphill climb. In fact, since a network swap in 1983 (WDAY-tv switched to ABC and KTHI picked up NBC), the station has made remarkable gains. Although channels 4 and 6 usually grab top numbers in local news ratings, KTHI has bumped them on occasion; and with strong numbers for NBC network fare, often comes in 1st or 2nd in prime time. After a birth to parents of questionable lineage; a period of technical inferiority; and years of bringing up the rear; the fortunes of KTHI-tv have done an about face. Today, the Fargo ratings battle is definitely a three-way affair...Channel 11 has finally made its' mark.

**MORE "FARGO-FACTS":** In the years since what you've read thus far took place, there have been a lot of changes in the nation's 108th ranked ADI. The Barnes family (while still involved with WDAY management) founded KCMT (7) and KNMT (12) in Alexandria and Walker, Minnesota. Later they bought KXJB-tv from John Boler and made it a part of the corporate structure of Central Minnesota Television (along with the Alexandria and Walker operations). Recently the Minnesota properties were sold to WCCO-tv and are now operated as satellites of the Minneapolis giant. Meanwhile, John Boler returned to the Fargo tv scene after selling channel 4. He was co-founder of "Red River Broadcast Corp." which put Fargo's first UHF station, KVAR (15), on the air in 1983. The new group also spearheaded the resurrection of channel 12 in Pembina as KNRR-tv.