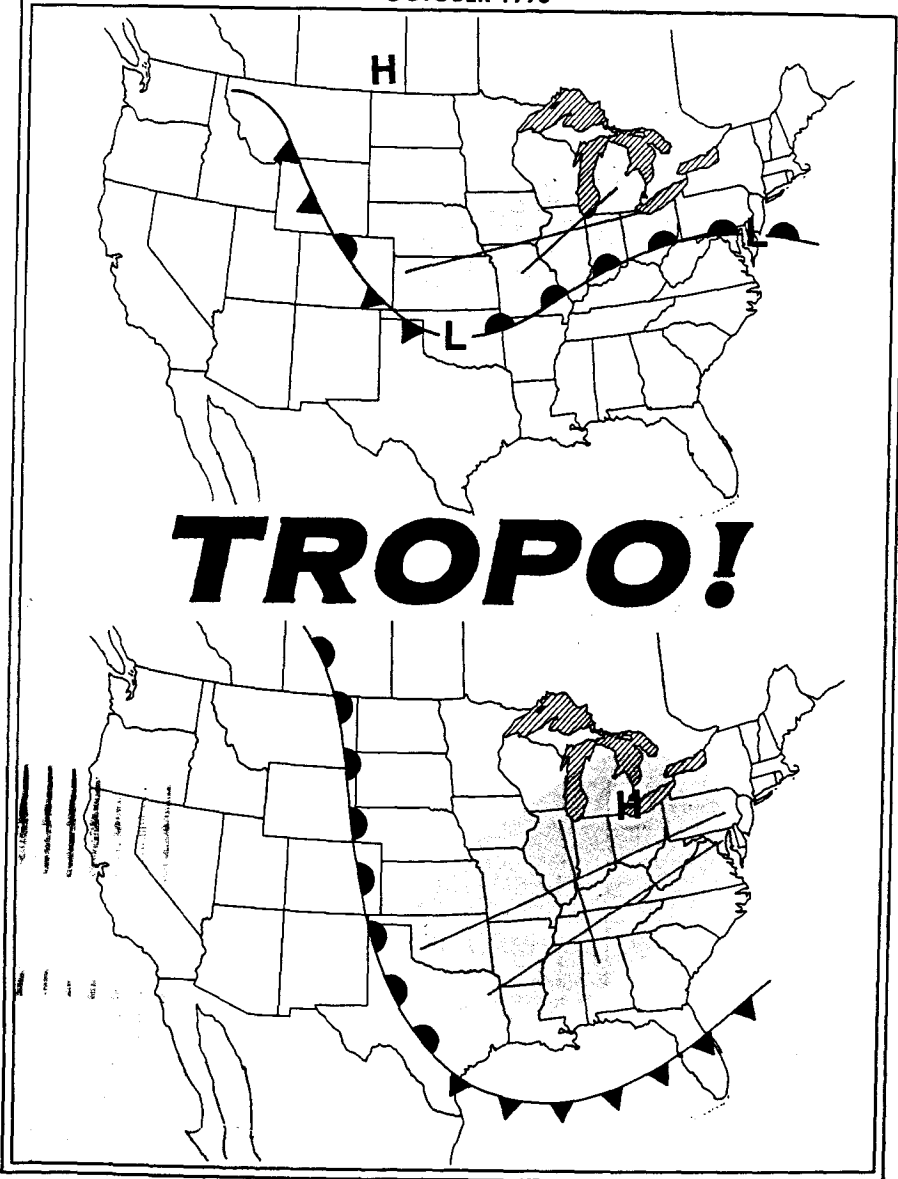


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

OCTOBER 1998



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072



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first class mail



11/98
BILL NOLLMAN
24 A-1 LAKESHORE DR
FARMINGTON CT 06032

WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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ANARC Representative: Jim Thomas *Back Issues:* Dave Nieman

Original Cover Design: Harry Hayes

FROM THE STAFF:

CORRECTION: Last month this column reported that convention plans had more or less been finalized for 1999 and 2000. Just after the press deadline it was learned that due to a critical family situation, one of the volunteers found it necessary to withdraw his bid. Thus, the club is in the market for a host for next year's convention. Please contact convention coordinator Tom Bryant if you're interested. He will be more than pleased to answer questions and discuss a preliminary proposal with any interested club member.

MEMBERSHIP: After a period of stability, WTFDA's membership is again declining. The fact that this is happening in most DX-related clubs does not explain or justify our situation. With TV and FM DXing approaching a period of monumental change, common sense should dictate that continued membership is essential to stay informed on the latest developments. Efforts are underway to promote the importance of ongoing membership in this club, as well as to seek out newcomers to the hobby. WTFDA has faced this sort of situation before and will likely deal with it occasionally in the years to come. If you are not happy with what this club offers you as a TV/FM DXer, you need to tell us why! Any comments or suggestions as to how we can better serve YOU are encouraged. Such input can be expressed publicly via the *Mailbox* column or privately by contacting any member of the Board of Directors.

RECRUITING: Jim Thomas, our ANARC representative has volunteered to spearhead an effort to reach potential new members by way of an advertising outreach. Jim is an advertising professional, and will donate his expertise to the club. When our campaign is ready, we'll show you some samples here in the VUD. You may recall Jim's excellent work seen here in 1996 for the Estes Park, CO convention (which he hosted). Some of the information we plan to publish will be 'traded' with other DX clubs and some will be paid for either with funds from the WTFDA treasury or donations from individual members (possibly a combination of both).

ANARC UPDATE: Although there hasn't been an avalanche of input on the subject, several members have expressed their opinions regarding WTFDA's stance with ANARC (the Association of North American Radio Clubs). The Board of Directors will continue working toward a decision based on your input along with information from other sources; and the decision will likely be announced in the January VHF-UHF Digest.

DX HAPPENINGS: Be sure to read the FM and TV columns to find out what reporting members logged. If your log isn't included, how about submitting a report next month?

WTFDA MAILBOX
Worldwide TV-FM DX Association
P.O. Box 501, Somersville, CT 06072

Mike Bugaj

ikon@netcom.com

RENEWALS

Well it's time to check the list again to see who decided to stick around for another year: James Snow, Howard Krinsky (for 6 years), Scott Fybush, Paul Swearingen, John Tudenham, Steve Sprachman, Paul Mount, George Green, Burton Zachs, Gregory Hardison and Eric Voytko. Also add myself to that list because I'm not going anywhere. By the way, for those who don't know it, Scott Fybush is the editor of Northeast Radio Watch, a column on the internet at rec.radio.broadcasting that is devoted to radio and TV news of the Northeastern United States. If you are online check USENET for this newsgroup and Scott's column. Since most of us have at least some interest in radio and tv, rec.radio.broadcasting would be a logical newsgroup to subscribe to.

QUESTIONS, QUESTIONS...

Bruce Elving sent the following email, and of course, Bruce's opinion represents Bruce's opinion, and here it is: "I question the writing of the Magnum Dynalab article in the August VUD. No author shown. Was it a company piece? It lacked such information of interest to DXers as: 1) does it have any station pre-sets? Does it get AM? How might it compare side by side with other tuners like the MR-78 that Ralph Strobel uses? What is its price--suggested list and price DXers might be able to buy it for.

I have been a Magnum/Dynalab dealer and would like to know more--if this is an improved model over the Etude, or even my selectivity-enhanced FT-101A. My offering Magnum tuners in the future (when I do a new catalog) might have to do with how well the above questions can be answered. Oh, now I see it is an article reprinted from the Inner Ear Report. Oh, well, attribution is OK, but I'd still like to see some original writing, like a critical review. Never really heard about the Inner Ear. Is it an independent newsletter that analyzes stereo equipment? Even its Vol. 1 No.3 sounds fictitious. What date did it really come out? Sounds like a new untried rag. Who in the WTFDA gives a hoot about the Magnums sound? It's the FM performance like selectivity, image rejection and sensitivity that enable a tuner to cut the Dxing mustard. And that can't entirely be judged by looking at published specifications, but by trying it in the real world. Anyone want to donate a prototype for me to analyze? * (I think he didn't care too much for the review...but still, good questions - Mike).

IRC...Can You Say INTERNET RELAY CHAT?

Yes, I know...I'm pushing IRC again, but I've been quiet about it for the past two months and it's time to mention it again. Since January the following people have taken part in our chat sessions, or worked Es/Tr openings on IRC: Doug Smith, Jeff Kruszka, John Zondlo, Jeff Kadet, Tom Bryant, Fred Nordquist, Fernando Garcia, Al Tobia, Randy Miltier, Rick Shafton, Paul Mount, Bill Nollman, Bill Burrows, Pete Giacobelli, Scott Barnett, and myself, as well as other non-WTFDA FM DXers as Larry Hart (CA), Rick Lewis (AZ) and Bill Harms (MD). And we want you to try it, too. There are various chat clients you can download off the web, set up and run which will do the trick. We operate on IRCNET, one of many internet chat networks, and our channel is #wtfdxa. You can find us there any Tuesday or Friday night at 10pm Eastern time, and you can also check the channel at any time to see if someone might be sitting there waiting for someone to dx with. Every one of the above mentioned dxers had to learn IRC except Tom and I and a couple of non-members, and it is no big deal to catch on. Tom has vast experience with the mIRC client, so he can teach you to do some neat things like file swapping while you chat. He's an excellent teacher. Remember that winter will be here shortly, and dx will be nil...so sit down and talk with your friends.. don't get bored!

TROPO 101 - THE QUIZ

Ok class, put away your VUDs, scrub that cheat sheet off the palm of your hand and don't look at the guy in front of you. For the answers, see the Aug 98 VUD on page 4.

Q#1. Basically the atmosphere can have two conditons. They are:

- a) cloudy or clear
- b) stable or unstable
- c) baked or mashed

Q#2. Air is usually more unstable in:

- a) high pressure systems
- b) Washington, DC
- c) low pressure systems

Q#3. A temperature inversion occurs when:

- a) warm air flows over cold air
- b) my wife turns the air conditioning on
- c) cold air overruns warm air

Q#4. In an inversion, any clouds would be:

- a) cumuliform (puffy)
- b) avoided by low flying aircraft
- c) stratiform (flat)

FAVORITE WEBSITES

Email from Eric Voytko, McLean, VA passes along a couple of his favorite websites with regard to dxing. One is Elliot Radio Services' www.radiostation.com, which is a database I go to in order to ID my unids and now has radiation pattern plots for full power TV stations, www.indo.com/chi-bin/dist, which is a real neat mileage finder (great for finding dx distances) and www.ultimatetv.com/tv/us, which Eric says is "the TV Dxers best friend. Gone are the days of out of state TV guide collecting, because this site links you to every TV station with a website, which seems to be about 95% of full power stations." The site has full daily skeds, non-ids and logos. Eric also says that if you are not satisfied with the "TV Query" feature on the FCC site you can download the entire database in compressed form. This helps if you don't know the callsign and need to search by state. Use the site search engine with keyword "TV Engineering database". Radiostation.com and the mileage finder can be found at the WTFDA Site.

FREE STUFF!

YLE Radio Finland sent us about 50 copies of their most recent sked. It's mostly in Finnish and has some sw info, as well as fm (Capitol Radio 103.7 Helsinki), satellite footprints (Galaxy 5, Intelsat 707, etc) and tower photos. Also a promo for Radio Finland on NPR Overnight in the US. It's in color, fits in a 4x9 envelope and its yours free for a SASE!

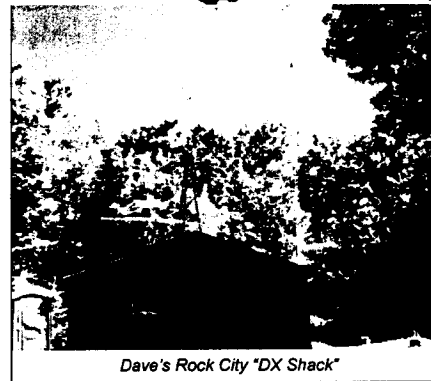
LETS STAY HEALTHY

I think that we can all agree that we want the WTFDA to be a "healthy" dx club, with interaction between members, healthy debate and disagreement, members helping members, lots of reports to the various columns and healthy member input. With that in mind, the board would like everyone's input on how to attract new members, keep the ones we have interested in the club, and minimize the situation of some long-time members dropping out of the club. For any club to do well, it must have more people joining than leaving. So, think about what we need to do in order to attract more people and keep them interested so they stay. Write to the Mailbox, or email me with your ideas. Everything you give me will get passed on to Tom Bryant and Jim Thomas, our ANARC Rep. Don't be shy now! And remember, folks, don't forget to write.

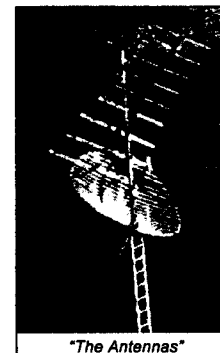


**1998 WTFDA
CONVENTION
SATURDAY
OLEAN, NY**

By
Greg Coniglio



Dave's Rock City "DX Shack"



"The Antennas"

The 1998 WTFDA Convention was held at Dave Nieman's "DX Cabin" located in the hills south of Rock, south of Olean, New York. The site, at 2350' ASL, is in a quiet wooded area on top of a ridge, part of the northern Allegheny Mountains. This

makes for good reception in all directions, especially north and south. Buffalo, Rochester, and Toronto are surprisingly strong, despite some of those stations exceeding 100 miles. In some cases, these signals can easily be overridden during strong openings, however. For antennas, Dave uses a Channel Master (CM) Stereo Probe 9 at 69' AGL for FM, a CM 3671B at 15' AGL for VHF, and an Antennacraft (P-7) 7-foot dish at 61' AGL for UHF. As for receiving equipment, for VHF we used a Teknika 6510 tuner into an RCA TV for VHF, for UHF: the hot ICOM R-7000 w/t video adapter into a Hitachi receiver/monitor, and for FM: a Carver TX-11 modified with 150 kHz filters. A total of 192 TV and 268 FM stations were logged during the convention (see bandscan). WTFDA is indebted to Dave for a great weekend enjoyed by all in attendance. Thanks, Dave, for continuing the recent trend of successful WTFDA conventions!

FRIDAY, JULY 31: Several DXers arrived early in the day. The first official convention event was a mid-afternoon tour of WPIG-FM (95.7) and WHDL-AM (1450) in nearby Olean. Five DXers participated in this tour, which showcased the studios in town, and also the FM transmitter site just down the road from Dave's cabin, on Route 16. Dave presented the stations with a ceramic pig, in honor of the FM station's call letters and slogan, to thank the station for their hospitality! Other DXers stayed behind to try to augment the convention log totals! In the 5 - 7 p.m. time frame, another recent convention tradition was renewed: e-skip! The opening got well into FM, with loggings to the Gulf Coast and Texas. In addition to being heard at the cabin, several DXers who were en-route to the convention at that time noted the skip on the car radios. Most of the attendees arrived this evening, and spent most of the night discussing the skip, as well as other DX topics. There was also pizza, "buffalo wings", and other snacks to enjoy while gabbing. The cabin was also home to a large "handout" table of bumper stickers, station souvenirs, maps, and antenna information, donated by several of the DXers in attendance. The skip hung in on channel 2 & 3 well into the night, now to Kansas, but the MUF did not rise into FM again.

1998 CONVENTION REPORT -

SATURDAY, AUGUST 1: This morning, early-birds were treated to a decent trop opening, towards Northern West Virginia. It was not a spectacular opening, but was enough for us to log some stations not possible under "dead" conditions (which themselves are still exciting at the cabin's high elevation). The group broke up around noontime. With no set agenda this afternoon, many chose this time to explore the area. Several DXers visited FM transmitter sites in nearby Northern Pennsylvania, while others went into Olean to check out that town, while still others remained at the cabin to DX more! The crowd returned at 5 p.m. to Lucia's Motel & Supper Club, the official motel of the convention. The traditional Saturday evening dinner was held in the motel's banquet room. Lucia's not only did a fine job of hosting the dinner, but it was also great lodging for many of the attendees (despite being practically across the street from the WPIG tower, hi). Presentation of the "door prizes" immediately followed the dinner. The names of all those in attendance were put into a hat, and drawn by Dave and Greg Coniglio. Many of the prizes were donated by WNGS, Channel 67, in Springville, New York. The station was recently granted UPN affiliation for the Buffalo TV market, so thus had quite a bit of promotional material to give away. More prizes were donated by other DXers, and Ray Leko was kind enough to provide test pattern drawings for everyone. The grand prize, a Winegard AP-4800 UHF pre-amp, went to George Greene, of Akron, Ohio! A short but insightful club discussion followed, with discussion on: decreasing club membership levels, competition from the Internet, as well as the many resources on the Internet available to the DXer, ANARC membership, recent club changes, encouraging more participation in VUD columns (especially MAILBOX), how to attract additional club volunteers, and opportunities for future convention locations. After this, the group photo was taken, and most then headed either to the cabin for more troposcatter DXing, or back to several hotel rooms at Lucia's, for sticker and other trading. That night several DXers sighted a black bear cub just off the hotel grounds, illustrating how rural the area was - perfect for a WTFDA Convention!



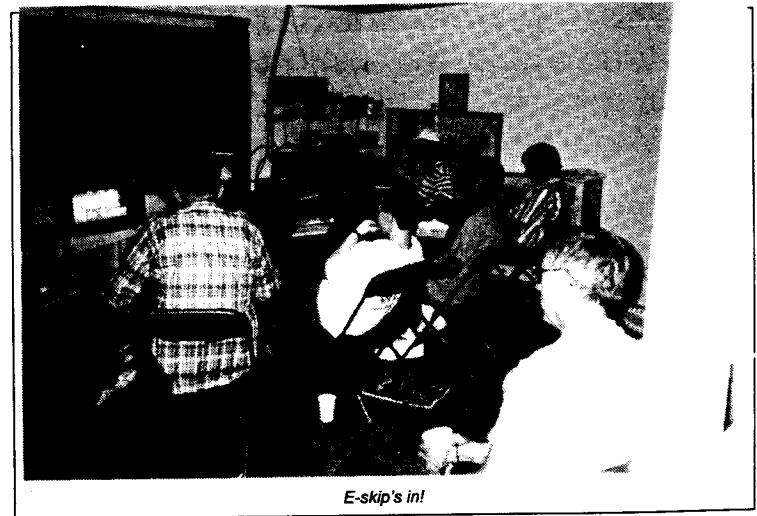
Sharing "DX stories" at the Lucia's banquet. PICTURED: Scott Fybush (back to camera), LEFT (front to back): Bob Smolarek, Harry Hayes, Mike Bugaj, BACK OF TABLE: Joe Gragg, Frank Merrill, RIGHT (back to front): Fred Nordquist, Rick Shaftan, Saul Chemos, Bob Seybold, Clarke Ingram

1998 CONVENTION REPORT -



More WTFDA'ers enjoying the banquet. LEFT (front to back): Bill Eckberg, Marvin Shults, Bruce Hall, Tom Yingling. BACK SIDE OF MAIN TABLE: Joe Gragg. FAR TABLE: Bobbie Rae Leko, Ray Leko. RIGHT (back to front): Keith Smith, Greg Coniglio, George Sherman, Ernie Wesolowski

SUNDAY, AUGUST 2: There was some minor Tropo enhancement out to about 340 miles, similar to Saturday morning, but again nothing major. Most DXers spent the morning by the radio and TV, and chatting. Following that was the customary goodbyes until next year's meeting (wherever it may be). Although the official convention closing time was noon, many DXers stuck around longer, another indication of what a successful convention we had this year!



E-skip's in!



MORE PHOTOS!

LEFT: Doug Smith, Harry Hayes, and Bill Eckberg work on adding to the convention log total.

BELOW: More action at the banquet table.



1998 CONVENTION PHOTO



TOTAL - 25 ATTENDEES. TOP ROW (Left to Right): Tom Yingling, Jr. (Maryland), Fred Nordquist (New York), Harry Hayes (Pennsylvania), Bill Eckberg (Illinois), Dave Nierman (New York), Bob Smolarek (New Jersey), Bruce Hall (Ontario), Marvin Shults (Illinois), Joe Gagg (Texas), Clarke Ingram (New York), Dave Whatmough (Ontario), George Greene (Ohio). **BOTTOM ROW (Left to Right):** Doug Smith (Tennessee), Saul Chermos (Ontario), Scott Fybus (New York), Bob Seybold (New York), Greg Coniglio (New York), Rick Shaitan (New Jersey), Mike Bugaj (Connecticut), Frank Merrill (Illinois), NOT PICTURED: Ray & Bobbie Rae Leko (Ohio), Ernie Wasolowski (Nebraska), Keith Smith (Michigan), George Sherman (Minnesota)



The front cover and advertisements from "TV FORECAST" (March 1952) give some insight as to what folks were watching 46+ years ago in "The Windy City". Be sure to check the prices quoted in the 'All American Television' ad for TV repairs. Thanks to David Shapiro for the use of "TV FORECAST". The test pattern and ID slides at the bottom of each page were photographed between 1955 and 1962 and are part of Bill Eckberg's collection. There's more info at the bottom of the next page.

TV at its best!

EVERY FRIDAY NIGHT!

THE RCA VICTOR SHOW
Starring Ezio Pinza...
(Dennis Day—alternate weeks)
7:00 P.M.

WALT'S WORKSHOP
7:30 P.M.

THE BIG STORY
8:00 P.M.

THE ALDRICH FAMILY
8:30 P.M.

BOXING
This Friday (March 1st)
JOHNNY BRATTON vs. JOHNNY SAXTON
Top Welterweight Contenders
9:00 P.M.

WNBQ
NBC
CHANNEL 5



WENR-TV
American Broadcasting Company

Highlights THIS WEEK:

"ADVENTURES OF UNCLE MISTLETOE"
Mon., Tues. Wed. & Fri.—6:45 P.M.

"SUPER CIRCUS"
Sunday, 4:30 P.M.

"SECOND GUESSER"
Sunday, 8:30 P.M.

MIDWEST AMATEUR BOXING TOURNEY
Tuesday, 9:00 P.M.

"VAUDEO VARIETIES"
Friday, 8:30 P.M.



MON. 10:00 PM
PAGE ONE
News & Sports

Presented by **CORINA CIGARS**

WENR TV

IS YOUR TV SET OVER 1 YEAR OLD?
If so your Factory Parts Warranty has expired

We are offering a second and third year's Parts Warranty which will cover your picture tube, small tubes, and all other parts.

at these LOW PRICES

10" to 12 1/2" Sets...\$17.50
14" to 17"..... 19.75
19" to 21"..... 21.95

Easy Payments!
Corneia 7-2744

ALL AMERICAN TELEVISION
Special Limited Time Only!
Outside Antennas \$19.95 Installed



WGN-TV didn't have any ads in the guide (maybe it wasn't a Tribune Publication). Both WBKB-TV and WGN-TV had transmitting antennas atop the Prudential Building. The WBKB-TV call letters appeared on channels 2, 4 and 7 (before moving to channel 11 in Alpena, MI). The original call for channel 7 was WENR-TV. The edifice featured on the WNBQ-TV ID is the "Merchandise Mart", NBC's long-time home in Chicago. Chicago's channel 4 allocation moved to channel 2 on July 11, 1953. There's a lot more involved in all the call letter and channel shuffling; check the June 1989 and June 1991 "Time Tunnel" for details.

TURN TO WBKB FOR THE FINEST IN TV

the Mayor of State St.

ERNIE SIMON

invites you to watch the "Curbstone Cut-up"

Monday thru Friday at 10 p.m.

Look Ma...Ernie's on radio too!

- WBKB's television show over at 10:15 p.m. Ernie makes to the Chicago River... not to jump but to do the...
- Ernie Simon's Disk Jockey Show
- Monday thru Friday WBKB 10:30 to 11:30 p.m.

Channel **4** **WBKB**

TV NEWS

October 1998

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wi@bellsouth.net

*: Non-commercial station
nc: No Change
+/-: Channel offsets (plus,
z/n: minus, zero, and none)
^: Digital TV station

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AZ	36^	819	534	Mesa	KPNX [12]	33-20-00	112-03-48
AZ	17^	625	507	Phoenix	KPHO [5]	33-20-02	112-03-40
AZ	31^	1000	484	Phoenix	KSAZ [10]	33-20-02	112-03-42
BC	7	0.05		Soda Creek	Knowledge	52-21-15	122-15-35
CA	66^	371	888	Los Angeles	KCOP [13]	34-13-42	118-04-01
CA	35^	1000	462	Sacramento	KCRA [3]	38-14-50	121-30-03
CA	40^	18.2	566	San Diego	KNSD [39]	32-41-48	116-56-06
CA	25^	691	594	Stockton	KOVR [13]	38-14-24	121-30-03
CO	16^	290	434	Denver	KUSA [9]	39-43-16	105-14-02
CO	17^	25	450	Denver	KMGH [7]	39-43-40	105-14-03
CO	35^	490	452	Denver	KCNC [4]	39-43-48	105-14-02
CT	5^	0.975	614	Hartford	WTIC [61]	41-42-19	72-49-51
CT	33^	500	284	Hartford	WFSB [3]	41-46-30	72-48-20
CT	35^	87.1	457	New Britain	WVIT [30]	41-42-02	72-49-57
FL	22^	1000	449	Orlando	WOFL [35]	28-36-13	81-05-11
FL	39^	417	494	Orlando	WFTV [9]	28-34-07	81-03-16
FL	7^	18.8	475	Tampa	WFLA [8]	27-50-32	82-15-45
FL	12^	72.3	436	Tampa	WTVT [13]	27-49-08	82-14-26
FL	47^	200	443	Tampa	WBHS [50]	27-50-32	82-15-46
IA	*33^	200	98	Council Bluffs	KBIN [32]	41-15-15	95-50-08
IA	*28^	200	611	Sioux City	KSIN [27]	42-35-16	96-13-22
IL	59^	200	494	Aurora	WEHS [60]	41-52-44	87-38-10
IN	45^	200	285	Indianapolis	WKIN [59]	39-53-20	86-12-07
MA	*19^	900	370	Boston	WGBH [2]	42-18-37	71-14-14
MA	*43^	200	391	Boston	WGBX [44]	42-18-37	71-14-14
MD	46^	955	379	Baltimore	WBFF [45]	39-20-10	76-38-59
MD	59^	537	312	Baltimore	WBAL [11]	39-20-05	76-39-03
ME	28^	200	251	Lewiston	WPME [35]	43-51-06	70-19-40
ME	4^	5.5	265	Portland	WPXT [51]	43-51-06	70-19-40
MN	32^	1000	433	Minneapolis	WCCO [4]	45-03-44	93-08-21
MN	35^	774	435	Minneapolis	KARE [11]	45-03-44	93-08-21
MO	31^	1000	336	St. Louis	KDNL [30]		
MO	35^	838	339	St. Louis	KSDK [5]	38-34-05	90-19-55
MS	41^	200	353	Jackson	WDDB [40]	32-16-53	90-17-41
NC	22^	355	577	Charlotte	WCNC [36]	35-20-49	81-10-15
NC	34^	370	352	Charlotte	WSOC [9]	35-15-41	80-43-38
NC	55^	525	628	Goldsboro	WNCN [17]	35-40-29	78-31-40
NC	49^	200	629	Raleigh	WRAX [50]	35-40-29	78-31-40
NC	57^	31.6	610	Raleigh	WLFL [22]	35-40-29	78-31-40
NJ	66^	200	280	Vineland	WHSP [65]	39-44-07	74-50-29
OH	31^	800	278	Cincinnati	WKRC [12]	39-06-59	84-30-07
OH	31^	633	315	Cleveland	WJW [8]	41-21-47	81-42-58
PA	9^	6.3	488	Hazleton	WWLF [56]	41-11-00	75-52-10
PA	43^	1000	312	Pittsburgh	WPGH [53]	40-29-43	80-00-18
PA	51^	145	250	Pittsburgh	WTAE [4]	40-16-49	79-48-11
PA	31^	200	360	Scranton	WOLF [38]	41-26-09	75-43-46
PA	29^	200	223	Williamsport	WILF [53]	41-11-57	77-07-39
TN	40^	75	350	Chattanooga	WDSI [61]	35-12-34	85-16-39
TX	48^	200	365	Irving	KHSX [49]	32-35-24	96-58-21
WA	18^	650	585	Tacoma	KCPQ [13]	47-32-53	122-48-22
WA	48^	4.6	527	Vancouver	KPDX [49]	45-31-22	122-45-07

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AR	49-	100	155	El Dorado	Equity BC	33-16-19	92-42-11
CA	63-	10	K63GG	Indio	C. Meeker	33-48-08	116-13-27
CA	56^	501	432	Oakland	KTVU [2]	37-45-19	122-27-06
CA	35^	1000	462	Sacramento	%KCRA [3]	38-14-50	121-30-03
CA	24^	561	437	San Fran.	KGO [7]	37-45-19	122-27-06
CA	*30^	777	437	San Fran.	KQED [9]	37-45-19	122-27-06
CA	57^	100	446	San Fran.	KRON [4]	37-45-19	122-27-06
DC	34^	646	254	Washington	WUSA [9]	38-57-01	77-04-47
DC	39^	646	254	Washington	WJLA [7]	38-57-01	77-04-47
FL	51z	5000	339	Marianna	Ch. 51 LLC	30-30-41	85-29-24
FL	22^	956	310	Miami	WFOR [4]	25-58-07	80-13-20
IA	39+	4440	154	Newton	Pax	41-49-05	93-12-32
MD	38^	522	312	Baltimore	WJZ [13]	39-20-05	76-39-03
MD	52^	603	311	Baltimore	WMAR [2]	39-20-06	76-39-03
NC	27^	83.2	366	Charlotte	%WCCB [18]	35-18-01	80-44-05
NC	52^	1000	564	Durham	%WTV [11]	35-40-05	78-31-59
NC	38^	200	538	Fayetteville	%WKFT [40]	35-30-45	78-58-40
NC	53^	962	614	Raleigh	%WRAL [5]	35-40-29	78-31-40
NH	59^	537	305	Manchester	WMUR [9]	42-59-02	71-35-24
NY	45^	182	397	New York	%WABC [7]	40-44-54	73-59-10
OK	19z	5000	251	Muskogee	Tulsa ch19	35-45-08	95-48-15
TX	54z	4029	322	Austin	KNVA [54]	30-19-33	97-47-58
TX	32^	797	562	Houston	%KTRK [13]	29-34-27	95-29-37
WA	38^	810	223	Seattle	KOMO [4]	47-37-55	122-21-09
WI	55z	3600	284	Wittenberg	Davis TV	45-03-33	89-26-10

DTV stations marked with a % filed their applications and had them approved within the same month. (i.e., the listing here should also appear under "Applications for new stations") KNVA's permit in Austin, Texas is for an auxiliary backup transmitter. The Newton, Iowa station is already on the air and has already been DXed nearly 1000km away!

New-station permits expired, dismissed, etc.:

St	City	Ch	# permits	St	City	Ch	# permits
AR	El Dorado	49	2	CA	Arroyo Grande	46	1
CA	Glendale	26	1	CA	S.L.O.	46	1
CA	Ventura	35	1	FL	Marianna	51	3
IA	Newton	39	6	MO	Joplin	65	1
NM	Silver City	19	1	OH	Cleve. Hts.	29	1
OK	Muskogee	19	3	PA	Hazleton	34	1
TX	San Antonio	15	1	WI	Wittenb.	55	8

APPLICATIONS TO CHANGE EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	8+	245	706	KSEW	Salinas	36-45-23	121-30-05
CA	38z	nc	nc	KCSN	San Fran.	37-45-19	122-27-06
CO	20z	nc	409	KTVB	Denver	39-43-46	105-14-02
CT	3+	nc	269	WFSB	Hartford		
KY	34-	5000	402	WGRB	Campbellsville	37-31-51	85-26-45
ND	4-	nc	591	KXJB-TV	Valley City		
OK	52z	3000	461	KSBI	Oklahoma City	35-35-54	97-29-25
ON	11-	162	(up)	CKWS-TV	Kingston		
PA	40+	4940	299	WPCB-TV	Greensburg	40-23-34	79-46-54
TX	4-	nc	nc	KJAC-TV	Port Arthur	30-09-20	93-59-10

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
IA	44+	nc	594	KPTH	Sioux City		
ID	31-	2140	447	KFXP	Pocatello		
IL	31^	585		WFLD-DT	Chicago		
MN	26+	13.8	156	KAGR	Bemidji	47-33-21	94-48-04
PA	64^	500	390	WPVI-DT	Philadelphia		
PA	67^	112	262	WCAU-DT	Philadelphia		

CHANGES GRANTED TO EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	18-	nc	nc	KSCI	Long Beach		
FL	50z	5000	nc	WBHS-TV	Tampa		
KY	*15z	nc	264	WKPC-TV	Louisville	38-22-01	85-49-54
LA	33z	nc	nc	KMSS-TV	Shreveport	32-39-58	93-55-59
NE	4+	nc	610	KSNB-TV	Superior		
NY	31+	5000	nc	WUHF	Rochester		
OH	23+	nc	296	WVPX	Akron	41-03-53	81-34-59
OH	43z	5000	nc	WUAB	Lorain		
SC	21z	5000	nc	WWMB	Florence		
TN	30+	5000	nc	WUXP-TV	Nashville		
TX	19-	4300	457	KLSB-TV	Nacogdoches	31-54-20	95-05-05
TX	47n	54		KDWZ-LP	San Antonio	29-31-25	98-43-25
WA	24z	3390	771	KBCB	Bellingham		

K19DD Scottsdale, AZ has been granted permission to operate as a DTU station. KSCI [18] has been granted permission to change its city of license from San Bernardino. No technical changes are involved.

Changes expired, dismissed, etc.:

St	City	Ch	Call	St	City	Ch	Call
CA	Fresno	53	RAIL	CA	Paradise	30	KCVU
CA	Santa Ana	40	KTBN	GA	Valdosta	44	WGVP
IA	Burlington	26	KJMB	ID	Payette	17	K17ED
IL	Macomb	22	WMEC	MA	Boston	38	WSBK
MD	Baltimore	45	WBFF	MI	Detroit	20	WDWB
MI	Lansing	47	WSYM	NC	Charlotte	18	WCCB
NC	Lexington	20	WBFX	NJ	Atlantic C.	53	WWAC
NJ	Wildwood	40	WMGM	NY	New York	31	WPXN
OH	Canton	17	WDLI	OH	Columbus	28	WTEE
OH	Dayton	22	WKEF	OH	Dayton	45	WRGT
OH	Sandusky	52	WGGN	OH	Toledo	60	W46BX
OH	Youngstown	27	WKBN	PA	Harrisburg	21	WHP
PA	Lebanon	15	WLYB	PA	Pittsburgh	16	WQEX
SC	Florence	15	WFDE	TX	Irving	49	KHSX
VA	Newport News	39	W39BW	WI	Chippewa Falls	48	WEUX
WI	La Crosse	19	WXOW				

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
MN	21+	550	305	KNLD	Duluth		92-07-06
MT	18z	1774	nc	KWYB	Butte		

TECHNICAL CHANGES ON THE AIR

St	Ch	Call	City	What happened
CA	38z	KCNS	San Fran.	correct tower coordinates
MI	33z	WGKI	Cadillac	moderate power increase & tower height decrease
OH	53z	WWHO	Chillicothe	moderate power & major tower height increases; move a few meters north
PR	5-	WORA-TV	Mayaguez	correct coordinates, add circular polarization

NEW STATIONS GRANTED/REQUESTING OPERATING LICENSES OR NOTED ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	30-	28.4		K30FD	Santa Maria	34-53-54	120-35-28
CA	8-	0.32		K08LV	Visalia	36-06-25	119-01-45
FL	58z	138	54	WAWD	Ft. Walton Beach	30-23-49	86-30-27
IA	39+	4470	154	KFPX	Newton	41-49-05	93-12-32
LA	21+	3020	143	WPXO	Minden	32-44-40	93-22-54
MI	11-	.017		W11CF	Whitehall	43-24-34	86-19-28
NM	21n	15.1		K21DI	Alamogordo	32-49-45	105-52-14
NM	24n	15.1		K24CT	Alamogordo	32-49-45	105-52-14
ON	36+			C???	Hamilton		
SC	67+	21.2		W67DF	Columbia	33-52-27	81-11-05

NEW STATIONS GRANTED/REQUESTING OPERATING LICENSES OR NOTED ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
SC	48n	39		W48BV	Summerville	33-02-15	80-09-50
TX	17-	457	135	KPCB	Snyder	32-46-52	100-53-52
UT	4n	.054		KCSG-1	St. George	37-06-23	113-35-58
VA	48-	30		W48BI	Richmond	37-26-21	77-25-57
VT	14+	11.6		W14CK	Newport	44-55-27	72-31-34
WV	29z	1580	212	WKRP-TV	Charleston	38-28-12	81-46-35
WV	29z	5000	368	WKRP-TV	Charleston	38-28-12	81-46-35

WKRP 29 has an application on file for 5000KW/368m. my guess is that was already granted.

STATIONS DELETED/DISMISSED/ETC.

St:	Call:	St:	Call:	St:	Call:	St:	Call:	St:	Call:
AL	W16BF	AL	W29BX	CA	K08GR	CO	K36CP	FL	W10CN
FL	W18BQ	FL	W41BU	FL	W48BT	GA	W16BO	GA	W36CC
GA	W52CR	HI	K45EA	HI	K46EA	IA	K29DN	IA	K34EP
IA	K68FI	ME	W23BO	ME	W30BP	ME	W47CD	MI	W36BX
MI	W57CO	MO	K45EO	MO	K47EY	MO	K52FP	MO	K58FN
MO	K61GQ	MO	K65GI	MO	K67GP	MT	K24ER	MT	K49EM
NM	K14JF	NM	K41EA	NV	K10JS	PA	W39BX	PA	W62CO
TN	W26BO	TN	W32BP	TN	W46CO	TN	W68DB	TN	W66CV
TX	K15EK	TX	K52FO	UT	K54FD	VI	W23AD	VI	W38BM

CALL CHANGES

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch
K02MQ	KWFC-LP	Kerrville, TX	2	K12OX	KTWC-LP	Crockett, TX	12
K28EZ	KJKZ-LP	Fresno, CA	28	K33BY	KJOI-LP	Bakersfield, CA	33
K55HM	KDID-LP	Twin Falls, ID	55	K66CA	KCTL-LP	Livingston, TX	66
KCFM	KNVN	Chico, CA	24	KCWB	KCWE	Kansas C., MO	29
KROZ	KTVC	Roseburg, OR	36	KSKI-	KSVX-LP	Hailey, ID	18
NEW	KFPX	Newton, IA	39	NEW	KKAP	Little Rock, AR	36
NEW	KKXK-TV	El Dorado, AR	49	NEW	WMAI	Cleveland, MS	31
W20AZ	WOCB-LP	Battle Creek, MI	20	W27BY	WOLP-LP	Gd. Rapids, MI	27
W39AQ	WOCB-LP	Marion, OH	39	W56CA	WXCW-LP	Delaware, OH	56
W59BT	WBGW-LP	Pittsburgh, PA	59	WAUP	WSPX-TV	Syracuse, NY	56
WCFC-	WCPX	Chicago, IL	38	WDZE	WZDE	Carolina, PR	52
WIFX	WBPT	Bridgeport, CT	43	WNPE-	WPBS-TV	Watertown, NY	16
WNSR-	WCJT-LP	Mt. Carmel, IL	12	WUBI	WGSA	Baxley, GA	34
WOLF	WSWB	Scranton, PA	38				

The Scranton, PA change is not yet official.

PROGRAMMING CHANGES

Call:	Location:	Programming:
K05JR	Juneau, AK	new; to be NBC/WB
KJUD [8]	Juneau, AK	now a relay of KIMO [13] Anchorage, "Alaska's SuperStation" see KJUD [8] above.
KATN [2]	Fairbanks, AK	CITV-TV [13], indep./
CH2287 [2]/	Kitwanga, BC	CHAN-TV [8], CTV/
CH2288 [4]/		CBC North/
CH2289 [8]/		Knowledge
CH4335 [10]		Pax.
KTSB-LP [43]	Santa Barbara, CA	Pax.
KFPX [39]	Newton, IA	new, Pax.
KSVX-LP [18]	Hailey, ID	Pax.
WAOM [67]	Morehead, KY	new, Pax.
WLWC [28]	New Bedford, MA	to mostly UPN, but still some WB.
CH2792	Wabowden, MB	to WDIV [4], NBC
WBGR-LP [33]	Bangor, ME	Pax.
KLKS-LP [14]	Breezy Point, MN	KARE [11], NBC.
WAXN [64]	Kannapolis, NC	Pax.
K06HX	Mora, NM	sold to KASA [2], Fox
WNEQ [23]	Buffalo, NY	sold to Sinclair, to drop PBS & go commercial.
WNGS [67]	Springville, NY	adds some Pax shows until WAQF [51] signs on.
WTW [44]	Lima, OH	Pax.
WHCP [30]	Portsmouth, OH	to return to the air as WB, xWUXA

PROGRAMMING CHANGES

Call:	Location:	Programming:
C??? [36]	Hamilton, ON	new, religious.
WOLF [38]	Scranton, PA	from Fox to WB in mid-October.
W08AB	Guayama, PR	sold to La Cadena del Milagro.
W54AQ	Yauco, PR	sold to WCCV [54], relig.
KKRA-LP [24]	Rapid City, SD	Pax.
W58CH [55]	Charlottesville, VA	Pax. (operating on channel 55; to change calls)
WGBS-LP [7]	Hampton, VA	independent, African-American oriented programming.
W48BI	Richmond, VA	new, ValueVision.
W31BG	Yorktown, VA	new, ValueVision & religion // WHTV-LP 19
W14CK	Newport, VT	new, relays WWBI-LP 27.
WAZW [46]	Antigo, WI	to be Pax.

OTHER STUFF & FORUM

According to an article sent by Dave Nieman, WNEQ [23] Buffalo has been sold to Sinclair Broadcast Group. The sale would seem to involve removing the non-commercial restriction from the channel 23 allocation, which the FCC doesn't normally approve. (WQEX [16] Pittsburgh tried to do something similar just last year, and was advised it would not be approved) There is one difference in Buffalo: the channel used by the city's other educational station, WNEE [17], is not reserved for non-commercial use. (in Pittsburgh, both channels are reserved) One might expect the FCC to move the non-commercial reservation from channel 23 to channel 17. It is somewhat strange they haven't already done so.

By the way, one might expect to see more similar sales in the future. WNEE says about a third of the \$33million in proceeds from the sale will be used to cover the expenses of converting the channel 17 station to digital. Other cities with multiple commonly-owned PBS stations where something like this might be done include Milwaukee, St. Paul, and Albany.

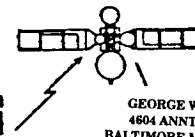
Rod O'Connor wrote from Kodiak with information on the "KATH" Juneau reported as a NBC affiliate in the August VUD. It's LPTV station K05JR, and was not yet on the air when he visited in mid-August. (but locals were anxiously waiting for its debut; currently, Juneau's only NBC programming is KING [5] Seattle on cable via satellite) An article from the Juneau *Empire* Rod forwarded indicated the station was ready to go on the air, but a piece of equipment necessary to be on cable was delayed in delivery. Finally, Rod advises that the Alaska edition of *TV Guide* ceased publication on July 1 after only one year. They didn't receive enough subscriptions.

Will Hepburn saw KFPX [39] on the air in early September. The construction permit was issued on August 13. This may set a new record for getting a full-power TV station on the air after receiving the permit!

Will also found a Canadian DTV bandplan posted on the CRTC web page. (I've not been able to review it as the link went down before his email was delivered..) It lists a couple of mysteries.. The new "VTV" station at Vancouver is listed as CIYV. I think these calls were actually originally issued to the station, then changed to CIVT before it went on the air. Also listed is a CIYV-TV-2 on channel 29 at Victoria; I have no record of this station at all. (I'll bet K29CP Point Roberts, WA would be surprised<grin>) In Ontario, a CJIS is listed on channel 52 at Toronto - there was an application for a religious station on channel 52, but my understanding is that it was denied. Finally, the city of license for the ONtv station for London (CHCH-TV-2, now channel 51) was listed as Alvinston. The CRTC public notices list it as "London/Alvinston", and the database lists just "London".

Thanks to Dave Nieman, Rod O'Connor, Roy Barstow, Bill Draeb, Chip Kelley, Saul Chemos, Will Hepburn, and Jeff Kruszka for information appearing elsewhere in this month's column. We've had some amazing late-season Es, including trans-Atlantic signals (at least at 28MHz) on August 15! Here's hoping you've logged plenty of DX this season...

73 Doug



SATELLITE NEWS

GEORGE W JENSEN
4604 ANNTANA AVE
BALTIMORE MD 21206-4220

Greetings again - time for another bunch of changes - additions and deletions. The Discovery Plex is now on and most PBS feeds have been dropped except their X feed channel.

These changes are as of September 7th.

Satcom C1:

9 - now Fox Midwest Sports Channel
13 - now Fox Sports Rocky Mountain
18 - now Fox Sports Detroit

Satcom C3

583 - does carry occasional infomercials and feeds

610 - Discovery Kids

611 - Discovery Wings

612 - Discovery Science and Technology

613 - Discovery Health

614 - Discovery Civilization

615 - Discovery Travel and Leisure

700 - BBC USA

800 is NOT MTV 2, but rather M2

802 - more accurately ID'd as MTV Spanish Rock and POP

Galaxy 5 -

11 - The Family Channel is now The Fox Family Channel

Morelos 2 -

This satellite is now probably off the air - end of life

syndrome - some users went to Solidaridad 1. I have not

seen Solidaridad 2. XEW, XHGC, XEIPN are ????

Solidaridad 1 -

3 - TV Azteca XHIMT - ch 7 - Mexico City

5 - TV Azteca - XHDF - CH 13 Mexico City

(Jim Snow - do you have any additional info on this?)

Anik E2 - KU digital---

963 - Sports Alternative channel

981 - Hispanic Music

GE Americom 1

7 - delete PAX - I have searched high and low for the

main feed of this new network and haven't found anything

anyone else know something?????

Galaxy 3

18 - Infomercials and occasionally the Superior Livestock Auctions

Galaxy 7

22 0 delete B Movie Channel and add CBS News Channel which was on transponder 23

602 - delete - TV Food Network

582 - delete BBC World Service

610 - Discovery Kids

611 - Discovery Wings

612 - Discovery Science and Technology

613 - Discovery Health

614 - Discovery Civilization

615 - Discovery Travel and Leisure

700 - BBC USA

750 - Discovery En Espanol

751 - CNN En Espanol

752 - Fox Sports Americas

753 - CBS Telenoticias

754 - Cine Latino

755 - The Box Tejano

756 - The Box Exitos

757 - Canal 9



The "All animals, All the time"
Cable Channel

www.animalplanet.com

continued on page 51 →

FM NEWS

OCTOBER 1998

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TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication:
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479
PHONE (615) 865-1525 FAX (615) 865-2598

KEY: &: satellite programming AF: new freq. allocation accepted for filing for a new FM license AFA: American Family Association CC: call change/new calls assigned CL: city of license change granted CO: new xmtr co-ordinates CX: a CP has expired, and is cancelled C1, C2, etc: change in class status DA: directional antenna DE: calls deleted, license returned to FCC FC: station format change	GA: granted amendment to table of FM allocations GE: station was granted extension of a CP GX: granted replacement of expired CP LC: filed for license to cover (for new stn.) MC: multiple-city legal ID NC: no change yet, on a reported pending grant/change. ND: non-directional NO: station is not on the air NS: a new station granted a license OSA: one-step application NW: new station signs on the air PA: proposed amendment to change table of allocations PC: a power change (increase)	PG: power change (decrease) PG+: power change granted (increase) PG-: power change granted (decrease) QC: frequency change for this station QG: frequency change granted RA: station returns to the air RE: station requests extension of a CP RX: station requests re-instatement of an expired CP SG: slogan change or update SI: station is silent XA: dismissed amendment to the table of FM allocations XC: station changes xmtr site XG: station granted a transmitter (xmtr) site change
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UNITED STATES

ALABAMA:

Atmore: WYDH105.9 FC to classic cntry "Eagle"
Brewton: WPHG 90.9 NO-GX
Chatom: WFOV106.1 NO-RE
Columbiana: WQEM101.5 CC (NS)
Eufaula: WULA 92.7 PC> 26 kW, 298 ft, C2
Fairhope: WZEW 92.1 adds Bob & Tom
Georgiana: WWSA107.7 NO-RE
Homewood: *NS 97.3 2.6 kW, 492 ft. (station will be CHR for Birmingham)
Ozark: WAQG 91.7 LC
Russellville: WKGL97.7 CC (ex WSHK), FC to oldies
Selma: WBFZ105.3 CC (NS)

ALASKA:

Girdwood: KEUL 88.9 CC (NS)
Kasilof: KWJG 91.5 45w, 262 ft., CC (NS)
Kodiak: K210CF89.9 NS-23w: KLVC 88.3 CA
Nikiski: KXBA 93.3 CC (NS)

ARIZONA:

Holbrook: *NS 90.3 AF (AFA)
Parker: KVEZ 99.3 RA with talk
Payson: KESP 101.1 NW, oldies
Phoenix: KPHF 89.3 dec. to 97.4 ft.
XG: 33-35-47 / 112-05-31
Phoenix: KMXP 96.9 CC (ex KGLQ), FC to hot AC "Mix 96.9"

ARKANSAS:

Ashdown: KHSP103.9 CC (ex KOWS), FC to cont. Christian (Texarkana)
Gosnell: KAMJ 93.9 PG< 2 kW, 328 ft
XG: 35-53-56 / 89-52-48
Greenwood: KZKZ106.3 NC to 15 kW, 397', C3
XC: 35-13-44 / 94-15-46
Hot Springs: KSBC90.1 PC> 12 kW, 876 ft, C2
XC: 34-30-18 / 93-04-42

Arkansas:

Lakeview: KBFY 93.5 PG> 7.1 kW, 623 ft, C3
XG: 36-29-13 / 92-29-39
Texarkana: *NS 89.3 AF
Texarkana: KTWN107.1 FC to CHR // KHTE
106.3 Benton/Little Rock "K-Hits"
Van Buren: KLSZ 102.7 OSA to C2, 27.5 kW

CALIFORNIA:

Alturas: KALT 106.5 NO-RE
Atwater: KVRQ 92.5 adds Bob & Tom
Carlsbad: KMCG 95.7 FC coming soon
Central Valley: KNNN99.3 PG< 1.5 kW, 1506 ft
C2, XG: 40-39-06 / 122-31-32
Davis: KHZZ 104.3 CC (ex KQBR), FC to dance "Z-104.3" (Sacramento)
Fairfield: KASK 91.5 NO-GE
Fremont: KLDZ 104.9 CC (ex KUFX)
Grass Valley: KLVS99.3 PC> 640w, 1056 ft., B1
Indio: KCRY 89.3 PC> 3 kW, 561 ft.
Inglewood: KACE103.9 PC>3.2 kW, 387 ft
XG: 34-00-27 / 118-21-54
Johannesburg: KRAJ 103.9 inc. to 1309 ft.
Lenwood: KBIW 104.5 CC (NS)
Lompoc: *NS 88.1 AF
Lompoc: KAKV106.7 NO-RE
Lompoc: KAOH104.9 NO-RX
Ludlow: KHVZ100.1 NO-RX
Los Angeles: KCBS93.1 XG: 34-13-55 / 118-04-18
Modesto: KEJC 93.9 NO-GX
Mojave: KCRI 88.1 PG< 10.5 kW, -95 ft, ND
B1, XG: 35-07-20 / 118-12-25
Mt. Shasta: KMJC107.9 FC to JRN soft AC (&)
Mountain View: KSFH 90.5 QG to 87.9 (?)
Northridge: KCSN 88.5 NC to 320w, 1643', GE
Rancho Mirage: KMRJ 99.5 NW, Radio 1-modern (&)



FMNEWS



California:

San Diego: KJQY 94.1 CC (ex KXGL), FC to soft AC
San Diego: KLQV 102.9 CC (ex KJQY), FC Romantica
"K-Love" (briefly had calls "KCDE")
San Diego: KEBN106.5 CC (ex KKLQ), FC to Regional Mexican, "Que Buena"
San Jose: KUFJ 98.5 CC (ex KOME), "K-Fox"
Santa Ana: K211DK 90.1 NS-10w: KMRO 90.3
Shingletown: KRDG105.3 PG> 28 kW, 1243', C1
XG: 40-29-19 / 121-54-53
Shingletown: KBHX96.1 CC (NS)
Sutter: *NS 88.7 AF
Sutter Creek: KSAC107.5 LC
Tulare: KBOS 94.9 FC to urban "B95"
Walnut Creek: KFJO92.1 CC (ex KZWC)

COLORADO:

Antonito: K214DE90.7 NS-KLYT 88.3 NM
Colorado Springs: KSPZ 92.9 NC to 79 kW, 2198', RX
LaJunta: KKIK 106.5 CC (ex KAUY)
Ouray: KURA105.7 NC to 25 kW, 203 ft, RE
Pueblo: KVUU 99.9 NC to 79 kW, 2198', RX
Trinidad: K212EZ90.3 NS-170w: KCFR 90.1
Yuma: *NS 100.9 6 kW, 348 ft.

CONNECTICUT:

Meriden: WKSS 95.7 inc. to 879 ft, DA

DELAWARE:

Pike Creek: *NS 88.1 AF

FLORIDA:

Big Pine Key: WWUS 104.7 GA: to 104.1 - C1
Carrabelle: WOCY106.5 LC
Cedar Key: WRGO102.7 PG< 12.5 kW, 459 ft.
Clewiston: WAFC106.3 GA: to 99.5 - C3
Crystal River: WKTK98.5 XG: 29-15-34 / 82-34-05
Florida City: WMFL 88.5 NO-GE
Ft. Myers Villas: WJST 106.3 GA: from A to C2
Ft. Pierce: WLDI 95.5 CC (ex WXFG), FC to CHR "Wild"
Gainesville: WYGC100.9 PC> 6 kW
Hobe Sound: WTPX 105.5 FC to oldies "Cool"
Holly Hill: WANX 88.1 NO-RE
Indiantown: WPBZ 103.1 GA: from C2 to C1
Jupiter: WJBW 99.5 GA: to 106.3 - A
Key Colony Bch: WKKB 103.9 GA: to 101.3 - C2 (stn also has a CP for 105.5), NO-GE
Key West: *NS 89.1 AF
LaBelle: WWW92.5 CC (ex WKZY)
Naples: WSGL103.1 GA: to 104.7 - C3
Naples: WBGY 88.1 CC (NS)
Niceville: WNCV100.3 PG>3.5 kW, 440 ft
XG: 30-24-51 / 86-37-40
Nocatee: WZSP105.3 PG to 4.1 kW, 400 ft, DA
Pensacola: WBG9 98.7 50 kW, 492 ft., CC (NS)
Port St. Lucie: WHLG 101.3 PG> 6 kW

OCTOBER 1998

Florida:

Punta Rassa: WCCL97.7 CC (ex WWWD)
Riviera Bch: WOLL 94.3 FC to smooth jazz, // WLVE 93.9 (West Palm Beach)
St. Petersburg: WILV101.5 FC to rhythmic oldies
Tice: WAAD 93.7 NO-GE, GA: to 102.9 - C2
Union Park: WEAZ88.3 PG< 1.8 kW (cir), 1469 ft
ND, XG: 28-36-07 / 81-05-37

GEORGIA:

Athens: WMSL 88.9 PC> 10 kW, 315', DA, C3
Bainbridge: WMGR97.3 adds Mancow
Brunswick: WAYR 90.7 PG> 2.3 kW, 312 ft.
XG: 31-11-39 / 81-29-30
Clayton: WRBN104.1 PC< 190w, 1296 ft.
XC: 34-54-24 / 83-24-56
Cleveland: WAZX101.9 adds SRmusic -Spanish (&)
Douglas: WKZZ 92.5 NO-GE
Dublin: WAWH88.3 NO-RE
Elberton: WEHR105.1 LC
Ellijay: WLJA 93.5 PC> 6 kW, 302 ft.
Gainesville: WFOX 97.1 inc. to 1584 ft.
Harlem: WCHZ 95.1 FC, stunting with dribbling basketballs, announcing "coming to 95.1 ... a station with more balls" (Augusta)

Helen: *NS 89.9 AF

Jesup: *NS 90.5 AF

Manchester: WVFJ 93.3 PC< 27 kW, 1610', C1

XC: 33-05-10 / 81-46-10

Montezuma: *NS 95.1 6 kW, 128 ft.

Pearson: WPNG101.9 PG< 3.1 kW, 462 ft.,

XG: 31-19-36 / 82-51-54

Perry: WPGA100.9 PC> 3.3 kW, 446 ft.

Quitman: WSTI 105.3 OSA to C3, 19.5 kW

Reidsville: WRBX104.1 NC to 2.4 kW, 364', GX

Ringgold: WMPZ 93.7 PC> 4.9 kW, 302 ft

XC: 34-53-46 / 85-10-18

Rome: WKCX 97.7 NC to 4.3 kW, DA, GE

Statenville: WHLJ 97.5 NW, urban AC (&) "Foxy"

Toccoa Falls: WTXR89.7 PG> 400w (v), 138 ft, DA

XG: 34-35-37 / 83-21-55

Waycross: WASW91.9 PG> 1950 w.

HAWAII:

Hilo: KAOE 92.7 PG< 2850w, -276 ft

XG: 19-50-19 / 155-06-43

Hilo: KWXX 94.7 PG< 51 kW

Honolulu: KPOI 97.5 FC to rock

Honolulu: KMKP105.9 NO-RE

Kekaha: KAUI 103.3 NO-GX, PG> 100 kW, 918'

ND, XG: 21-56-11 / 159-26-43

Kilauea: KAKA-1 91.9 NS-190w, DA

Lihue: KQNG 93.5 PC< 51 kW

Poipu: KSFR 95.9 NO-GX, OSA to C1, 100 kW

918 ft, DA, XG: 21-56-11 / 159-26-43

Waipahu: KHUL102.7 FC to country (Honolulu)



IDAHO:

Ashton: *** 96.5 GA: add class A
 Island Park: *NS 102.9 46 kW, 2732 ft.
 Post Falls: *NS 90.3 AF
 Rathdrum: *NS 90.3 AF
 Sandpoint: KIBR 102.5 CC (ex KSP) "The Bear"
 Twin Falls: KBSW 91.7 PC> 4.5 kW, C3
 Wallace: KQWK 97.5 NO-RE
 Wallace: KSIL 100.7 PA: to C - Bigfork, MT

ILLINOIS:

Aurora: WLEY107.9 SG "La Ley" (Chicago)
 Canton: WBDM101.1 GA: to A - Glasford, KY
 Carlinville: WCNL 95.9 FC to ETWN - Catholic (&)
 Carthage: WNKK 92.1 XG: 40-35-37 / 91-06-48
 Chillicothe: WFXF 94.3 FC to a/c "Kiss" (Peoria)
 Flora: WBFW 88.5 CC (NS)
 Kankakee: WBRO 92.7 CC (ex WLRT)
 Kankakee: WRZA 99.9 SG "La Romantica"
 Lynwood: *NS 89.1 AF
 Macomb: WJEQ102.7 PC<10 kW, 512 ft, B1
 Mt.Olive: WSTN105.3 CC (NS)
 Peoria: WWCT105.7 adds Howard Stern
 Rockford: WQFL100.9 PG> 3.1 kW, 318 ft
 XG: 42-19-21 / 89-00-43
 Sullivan: WZNX106.7 adds Bob & Tom
 Virginia: WVIL 101.3 adds CD Country (&)

INDIANA:

Brookston: WLFF 95.3 CC (ex WEZV)
 Chesterton: WAJW89.5 NO-GX
 Clinton: ??? 95.1 Doug Smith noted a classical station here - translator??
 Crawfordsville: WVXI 106.3 carries BBC overnight
 Delphi: WJNY102.9 SG "Oldies 103"
 Greensburg: WRZQ107.3 SG "Q-Mix 107.3"
 Greenwood: WBKS106.7 CC (ex WGG) "The Kiss"
 Kokomo: WZWZ 92.5 FC to hot AC
 Kokomo: WWKI100.5 SG "Hit Country 100.5"
 Loogootee: WRZR 94.5 QC from 94.1
 Lowell: *NS 89.1 AF
 Marengo: WARL 89.9 NO-GE
 Marion: WMRI106.9 SG "The Easy One"
 New Haven: WJFX107.9 adds Doug Banks
 North Vernon: WINN106.1 SG "Oldies 106.1"
 Notre Dame: WSN88.9 dec. to class A,
 XG: 41-36-19 / 86-12-45
 South Bend: WNDU92.9 XG: 41-36-20 / 86-12-46
 Wabash: WWIP105.9 SG "Oldies 106"

IOWA:

Ankeny: KYSY106.3 PC> 18 kW, C3
 Cascade: *NS 88.9 AF
 Center Point: *NS 89.9 AF
 Clinton: KZEG 94.7 CC (ex KCLN) "The Eagle"
 Creston: *NS 90.9 AF (AFA)
 Des Moines: KMXD100.3 CC (ex KLYF), "Mix 100.3"
 Emmetsburg: KEMB100.1 PG< 3.9 kW, 410 ft
 XG: 43-07-24 / 94-51-29
 Grundy Ctr: KCR 97.7 adds Bob & Tom
 Lake City: KIKD 106.7 LC
 Marion: *NS 89.9 AF
 Oelwein: KOEL 92.3 adds After MidNite

HIGH COUNTRY

20 KOEL 92.3 FM

KANSAS:

Bronson: *NS 88.3 1 kW, 410 ft (AFA)
 Columbus: KJML 105.3 PC> 12.5 kW, 289 ft
 XG: 37-07-58 / 94-41-38
 Emporia: *NS 89.7 AF
 Emporia: KRWW 99.5 LC
 Emporia: *NS 90.7 2 kW, 328 ft.
 Hill City: KKQY101.9 PC< 97 kW, 994 ft, C1
 Lawrence: KJHK 90.7 PG> 2.9 kW, 282 ft.
 Munfordville: WCLU102.3 RA with soft AC (&) / talk
 Ottawa: KRBW 90.5 PG> 430 watts
 Plainville: KFIX 96.9 LC
 Wichita: KICT 95.1 FC to rock



KENTUCKY:

Beaver Dam: WKLX100.7 GA: C3 - Brownsville, KY
 Brandenburg: WMMG 93.5 PG> 6 kW, 328 ft
 XG: 37-56-10 / 86-04-15
 Campbellsville: WAPD 91.7 PG>330w, 197 ft.
 Elizabethtown: WQXE 98.3 PG< 8.5 kW, 531 ft
 XG: 37-43-18 / 86-02-10
 Frankfort: *NS 88.3 AF (AFA)
 Garrison: WOKE 98.3 NW, southern gospel
 Georgetown: WXZZ103.3 PG> 6 kW, 328 ft.
 XG: 38-03-56 / 84-29-13
 Louisville: WMHX103.9 FC to hot AC "Mix"
 Valley Station: WRVI 105.9 FC to 80's classic hits
 "totally 80's" (Louisville) "The River"

LOUISIANA:

Alexandria: KEDG106.9 CC (ex KBGI)
 Alexandria: KZMZ 96.9 FC to rock
 Amite: WTGG 96.5 adds WW1 oldies (&)
 Coushatta: KSBH 94.9 OSA to C2, 50 kW, 492 ft.
 XG: 31-48-21 / 93-22-24
 Dubach: KPCH 97.7 adds JRN oldies (&)
 during overnights
 Erath: KRXX 107.9 CC (ex KPXL) "K-Rock"
 QC from 107.7, PC> 100 kW (cir), 863 ft, ND
 XG: 30-12-06 / 91-46-37
 Farmerville: KWJM 92.7 FC to hot AC (&)
 Natchitoches: KBIO89.3 1 kW, 292 ft. (AFA), CC (NS)
 Port Sulphur: *NS 91.5 AF (AFA)
 Ruston: KAPI 88.3 PG> 300 w.
 Springhill: KTKC 92.7 NC to 92.9 - C2, 40 kW, RE
 Thibodaux: KXOR106.3 FC to classic rock // WKSX

MAINE:

Bangor: WWBX97.1 FC to hot AC
 Islesboro: WAYD105.5 inc. to 305 ft, DA

MARYLAND:

Baltimore: WPOC 93.1 inc. to 866 ft.
 Frederick: W205BL89.9 NS-WETH 89.1

MASSACHUSETTS:

Hyannis: WPKC102.9 adds Howard Stern
 Lowell: WKLB 99.5 NC to 26 kW, 666', GX
 Marshfield: WATD 95.9 NC to 1450w, 469', RX
 Webster: WORC98.9 CC (ex WXXW) "Worcester"

MICHIGAN:

Bear Lake: WZTU100.1 reported SI
 Benton Hbr: *NS 89.9 AF
 Bronson: WCVM 94.7 NW, cont. Christian (&) (Flint)
 Dearborn: WHFR 89.3 adds JRN classical (&)
 (from midnight to noon, Sun - Thurs) (Detroit)
 Detroit: WDET101.9 PG< 48 kW, 554ft
 XG: 42-21-06 / 83-03-48
 Detroit: WDTJ105.9 CC (ex WCHB),
 SG "Detroit Jams"
 Escanaba: XLTR 107.1 WNMU 90.1, ON AIR
 Essexville: WEEG 97.3 CC (ex WIXC), FC to
 classic rock (&) (Saginaw)
 Glen Arbor: WGFN 98.1 SG "The Bear"
 Howell: WHMI 93.5 PG> 5.2 kW,
 XG: 42-39-47 / 83-56-23
 Iron Mtn: WJNR101.5 SG "Frog Country"
 Mackinaw City: *NS88.5 AF
 Manistee: WXYQ101.5 inc. to 262 ft.
 XG: 44-12-41 / 86-17-53
 Mio: WAVC 93.9 SG "The Zone"
 Negaunee: WNGE 99.5 CC (NS)
 Trout Lake: *NS 89.9 AF
 White Star: WEJC 88.3 30 kW (v), 472 ft., CC (NS)

MINNESOTA:

Park Rapids: KXXX92.5 NW, CD Country (&)
 Pine City: WCMP100.9 QC from 92.1, PC> 25 kW
 276 ft.
 Rochester: KMSE 88.9 LC

MISSISSIPPI:

Bude: *NS 104.3 25 kW, 328 ft.
 Byhalia: WYLT 94.9 NC to 3.6 kW, 423', DA, RE
 Carthage: WSSI 98.3 NC to 20 kW, 328', RE
 DeKalb: WJXM105.7 CC (ex WMLV), inc. 384 ft
 XG: 32-38-37 / 88-40-29
 Greenwood: WGRM93.9 PG< 8 kW, 344 ft.
 Kosciusko: WZKR ??? PA: to Goodman, MS
 Mc Cain: WXAB 96.9 NO-GE
 Meridian: WMMZ102.1 CC (ex WTUX) "Z102"
 Port Gibson: WATU89.3 PG> 40 kW (v), C2
 XG: 32-07-56 / 90-45-29
 Stonewall: WMLV106.9 NW, soft AC (&) CC
 (ex WMMZ) "Love 106"
 Sumrall: WJSJ 97.3 reported SI

MISSOURI:

Birch Tree: KBMV107.1 reported SI
 Branson: KOZO 89.7 LC
 Desoto: KDJR 100.1 PC> 4.8 kW, 371', DA
 Farmington: *NS 88.9 AF
 Florissant: KXOK 97.1 FC to modern rock // KPNT
 Garden City: KGAR105.3 CC (NS)
 Knob Noster: KCQV 89.7 NW, c.Christian, religion
 // KCVO-FM
 Lamar: KHST 101.7 reported SI (Joplin)
 Lamonte: KBFP 100.7 QG to 97.1 - C3, PG> 25 kW
 328 ft, XG: 38-40-35 / 93-15-18
 Moberly: *NS 90.1 AF (AFA)
 New London: KZZK105.9 XG: 39-43-48 / 91-24-19
 Shell Knob: KBIP 97.7 CC (NS)
 Van Buren: KBIY 91.3 CC (NS)
 Vienna: *NS 90.9 10 kW, 328 ft, DA

MONTANA:

Big Sky: KBFN104.5 LC
 Butte: KAPC 91.3 NO-GE
 Great Falls: *NS 91.9 AF
 Great Falls: *NS 91.5 AF
 Plains: KPLG 91.5 LC
 Superior: KREO107.5 CC (NS)
 W. Yellowstone: K220GV 91.9 NS-170w(v): KRIC 100.5

NEBRASKA:

Hubbard: KAYA 91.3 PG> 5.1 kW
 McCook: KSWN 93.9 NW, talk days, CHR nights
 McCook: KIOD 105.3 CC (ex KKYT) "Coyote Cntry"
 Omaha: KEZO 92.3 inc. to 1197 ft.
 Omaha: KEFM 96.1 inc. to 1414 ft, class C
 XG: 41-04-14 / 96-13-33
 Willbar: *NS 89.9 AF

NEVADA:

Las Vegas: *NS 91.1 AF
 Owyhee: *NS 88.5 AF

NEW HAMPSHIRE:

Manchester: WRND 91.7 RA // NH Public Radio



NEW JERSEY:

Atlantic City: WMGM 103.7 adds Bob & Tom
 Beach Haven West: *NS 88.3 AF
 Cape May: W222AL 92.3 NS-55w(v): WKDN 106.9
 Dover Twp: WWNJ 91.1 NC to 50 kW, class B, GE
 Manahawkin: WJRZ100.1 dec. to 436 ft.
 XG: 39-47-54 / 74-12-10
 Newark: WCAA105.9 NC to 610w, 1364, XG, RE
 Sussex: WNJP 88.5 NW, news/talk/jazz // WNJT,
 PG<450w, 636 ft, DA, XG: 41-08-37 / 74-32-18
 Tuckerton: WBHX 99.7 NC to 5.6 kW, 108', RE
 Woodbine: *NS 89.9 AF

NEW MEXICO:

Clovis: KAQF 91.1 PG> 1,350 w.
 Grants: KTHR103.7 inc. to 1358 ft.
 Las Cruces: KXDA103.1 PG< 1 kW, 551 ft.
 XG: 32-24-18 / 106-45-41
 Los Alamos: KEFE107.5 NO-GE
 Raton: *NS 97.7 950w, 820 ft
 Taos: KTAO101.7 NC to 101.9 - C1, GX

NEW YORK:

Albion: *NS 95.5 GA: to 102.1 - A
 Alfred: WZKZ101.9 NO-RX
 Big Flats: WGMM97.7 PG<610w, 722 ft, DA
 XG: 42-08-31 / 77-04-40
 Corning: WCB 98.7 QG to 95.7, 1.2 kW, 722'
 DA, XG: 42-08-31 / 77-04-40
 Corning: W202BN88.3 NS-WCII 90.3
 Geneva: WEOS 89.7 XG: 42-48-32 / 77-05-12
 Honeoye Falls: WMAX 107.3 GA: to South Bristol
 Township, NY - class A
 Ithaca: W205BK88.9 NS-13w(v): WPCS 89.5 FL
 Jeffersonville: WWHW 102.1 CC (NS)

New York:

Liberty: WGW88.1 LC
 Malone: *NS 90.1 AF (Mars Hill)
 Montour Falls: WNGZ 104.9 adds Bob & Tom
 Old Forge: WBGK 99.7 GA: to Newport Village, NY class A, CC (NS)
 Old Forge: *** 92.5 GA: add class A
 South Bristol: WNVE 95.1 GA: to Honeoye Falls, NY class B
 Sylvan Bch: WBGJ 100.3 CC (NS)
 Utica: WRVN 91.9 PG> 1850w, -95 ft
 XG: 43-08-31 / 75-13-36

NORTH CAROLINA:

Asheboro: WWMO89.5 NO-RE
 Atlantic Bch: *NS 91.5 PG> 50 kW, 387 ft, DA
 Avon: *** 106.7 PA: add class A
 Burgaw: WKXB 99.9 inc. to 774 ft.
 XC: 34-14-37 / 78-07-24
 Buxton: *** 99.9 PA: add class A
 Buxton: *** 101.5 PA: add class A
 Buxton: W216BE91.1 NS-250w: WUNC 91.5
 Eden: WXRA 94.5 adds Bob & Tom
 (Greensboro)

Enka: W220CD91.9 NS-KAWZ 88.9 ID
 Havelock: WANG105.1 XG: 34-45-07 / 76-52-57
 Manteo: WBGJ 98.1 50 kW, 295 ft., CC (NS)
 Morganton: W215AW 90.9 NS-19w(v): WPCS 89.5 FL
 New Bern: WAAE 91.9 PG> 1350w
 Old Fort: WMXF104.3 PG< 550 w, 1043 ft, DA
 XG: 35-35-29 / 82-17-29
 Pinehurst: WBFY 90.3 CC (NS)
 Shallotte: WAZO 98.3 PA: to C3 - Long Beach, NC
 Swan Quarter: WHYC 88.5 inc. 262 ft.,
 XC: 35-26-27 / 76-13-19
 Warrenton: WXNC107.3 NO-RE
 Waves: W211BB90.1 NS-250w: WUNC 91.5



NORTH DAKOTA:

Bismarck: KDQY 94.5 adds JRN cntry overnight (&)
 Bismarck: *NS 91.9 AF (Family Stations, inc.)
 Cavalier: KAOC105.1 NW, ABC Country (&)
 Dickinson: KRRB 92.1 PC> 10.5 kW, 492'
 C3, XC: 46-56-09 / 102-43-55
 Grafton: KPXO100.9 FC to ABC standards (&)
 Walhalla: KAUI 106.7 NW, ABC oldies (&)

OHIO:

Athens: WJKW 95.9 LC
 Berea: WBWC88.3 NC to 4 kW, 256', RE
 Cincinnati: WYXU 91.7 carries BBC overnight
 Cleveland: WCSB 89.3 inc. to 203 ft.
 Delhi Hills: WJYC 90.1 LC
 Fredericktown: WWBK 98.3 adds JRN country (&)
 Greenfield: WVNU 97.5 PC< 2.3 kW, 538 ft
 XC: 39-24-28 / 83-21-15
 Hubbard: WBTJ101.9 CC (ex WRBP), FC
 to dance "The Beat" (Youngstown)
 Lebanon: WYLY 97.3 PC> 4.3 kW
 London: WCZZ106.3 CC (ex WMXG), FC to smooth
 jazz (&) (Columbus)

Ohio:

Loudonville: WBZW 107.7 adds JRN country (&)
 Marysville: WZAZ105.7 CC (ex WKFX) FC to
 modern rock (Columbus)
 Middletown: WPFB 105.9 SG "Hot Country 105.9"
 Milford: WAQZ107.1 FC to CHR "Kiss" (Cincy)
 Niles: WNC106.1 adds Bob & Tom (YTown)
 Upper Arlington: WXMJ 98.9 CC (ex WZAZ), FC to
 urban AC (Columbus)
 Waverly: *NS 88.5 AF
 Westerville: WAXV103.9 NW, classic hits "Eagle"

OKLAHOMA:

Ada: KTGS 89.9 CC (ex KBIK)
 Alva: KXLS 99.7 PA: to 99.9 - C1
 Antlers: *** 92.3 GA: add C2
 Ardmore: KLCU 90.3 LC
 Cordell: KCDL 99.3 PG> 10.5 kW, 505 ft.
 C3, XG: 35-26-49 / 98-59-16
 Lawton: KVRW107.3 adds ABC oldies (&)
 Madill: KMAD102.5 QC from 102.3
 Mooreland: *** 100.1 PA: add class C1
 Mooreland: *** 104.5 PA: add class C1
 Tishomingo: KTFH99.7 PA: to C3, Tuttle, OK
 Woodward: WAFX100.1 PA: to 106.3 - C1

OREGON:

Banks: KBBT 107.5 PG> 37 kW, C1
 Cottage Grove: KEUG 105.5 NW, JRN soft AC (&)
 Florence: *NS 91.7 AF (State of Oregon)
 Lincoln City: KCRF96.7 OSA to C1, 20 kW, 872 ft
 XG: 44-45-23 / 124-02-57
 Reedsport: KAUB 89.1 NO-GE
 Salem: KRKS105.1 CC (ex KKRH) "Rosie 105"

PENNSYLVANIA:

Allentown: WJCS 89.3 PG> 150w(v),
 XG: 40-33-52 / 75-26-24
 Charleroi: WZKT 98.3 CC (ex WESA) "Z 98"
 Darien: WYNR107.7 NC to 482', RX
 Freeland: WWFH103.1 FC to news/talk // WILK
 Indiana: WQMU92.5 QC from 103.1.
 Lewisburg: WCXR103.7 adds Bob & Tom // WZXR
 Mansfield: WNBQ 92.3 NO-GX
 Philadelphia: WYSP94.1 PG< 15 kW, 469 ft
 XG: 40-03-33 / 75-14-21
 Pittsburgh: WJJJ 104.7 PC> 20 kW, 781 ft, DA
 XC: 40-28-20 / 79-59-41
 Pittston: WWSH102.3 FC to news/talk // WILK
 Shenandoah: *NS 91.5 AF (AFA)
 S.Williamsport: WZXR 99.3 adds Bob & Tom

SOUTH CAROLINA:

Bowman: WSPX 94.5 PC> 6 kW
 Cayce: WLTY 96.7 CC (ex WHKZ), FC
 to soft AC "Lite 97" (Columbia)
 Goose Creek: WSSP 94.3 PC> 5.8 kW
 Hampton: WBHC103.1 PC> 6 kW
 Hartsville: WHSC 98.5 FC to classic rock, local
 during the day, Jones (&) at night (Florence)
 Murrell's Inlet: WRNN94.5 XG: 33-35-27 / 79-02-55
 Myrtle Beach: WYAV104.1 XG: 33-35-27 / 79-02-55
 Orangeburg: WKSO103.9 NC to 9.2 kW, RX
 Parris Island: WGZO103.1 QC from 92.1, now C3,
 17.5 kW, 328', XC: 32-26-10 / 80-55-23

SOUTH DAKOTA:

Yankton: KMXH104.1 CC (ex WNAX)

TENNESSEE:

Nashville: WNAZ 89.1 PC> 200 w,
 XC: 36-08-28 / 86-45-23
 Red Bank: WJTT 94.3 PC> 4.7 kW, 371 ft
 XC: 35-07-33 / 85-17-25
 Sewanee: WUTS 91.3 dec. to 656 ft.
 XC: 35-12-23 / 85-55-04

TEXAS:

Amarillo: KBUY 94.1 adds Bob & Tom
 Bay City: *NS 89.5 AF (AFA)
 Beeville: KYTX 97.9 FC to JRN standards (&)
 Bluff Dale: *NS 90.5 AF
 Borger: KAVO 91.5 inc. to 310 ft.
 Brownwood: KPBE89.3 CC (NS)
 Bryan: *NS 91.9 AF
 Centerville: KAJG 105.9 NO-RE
 Corsicana: KDX107.9 GA: to Robinson, TX
 Detroit: *** 106.7 GA: add class C2
 Devine: KSJL 92.5 CC (ex KTX), FC
 to urban AC (&) (San Antonio), QC from 92.1
 PC> 50 kW, 492 ft.

Falfurrias: KDFM103.3 CC (NS)
 Farmersville: KXEZ92.1 adult standards
 Floresville: KLEY 94.1 PC> 50 kW, 466 ft.
 Fort Worth: KTXQ102.1 FC to rhythmic oldies
 Fredericksburg: *NS91.5AF
 Gainesville: KEC107.9 GA: from C2 to C1
 Galveston: KLTO 104.9 CC (ex KLTP), "K-Love"
 Glen Rose: KTFW 92.1 PG< 25 kW, 1417 ft, C1
 XG: 32-16-31 / 98-01-22

Gregory: KPKN104.5 OSA to C3, 14 kW, 446 ft.
 CC (ex KBHD), NW, modern AC (C.Christi)
 Hearne: KVMJ 103.1 QC from 92.5, PC> 5 kW,
 361 ft, DA, CC (ex KHRN), "V 103 Jamz"
 Helotes: KONO101.1 PC< 98 kW, 991 ft, C1
 XC: 29-31-25 / 98-43-25

Hempstead: KEZB105.3 NO-GE
 Hereford: KPAN 106.3 PG> 25 kW
 Hooks: KPWW95.9 CC (ex KTHN) "Power 95.9"
 Humble: KSBJ 89.3 dec. to 836 feet
 Huntsville: KAXF 88.3 LC
 Jacksboro: KJKB 107.7 GA: to 95.3 - A
 Llano: KBAE 104.7 QG to 104.9, PG< 4.1 kW
 804 ft, XG: 30-26-34 / 98-14-48, CL: Marble Falls, TX
 Mineola: KMOO 96.7 adds ABC Real Country (&)
 SG "K-Moo"

New Boston: *NS105.1 6 kW, 328 ft.
 Pecos: KKLY 97.3 NO-GE
 Pt.Comfort: KAJI 94.1 NO-RE
 Portland: KRAD105.5 FC to modern rock "The X"
 Post: KOFR107.3 PG< 22 kW, 748 ft.
 XG: 33-13-23 / 101-26-26, CC (ex KPOS)
 Rosenberg: KOVA104.9 CC (ex KLTO), "K-Love"
 Round Rock: KFMK105.9 LC
 San Angelo: KMDX 105.7 CC (NS)
 San Antonio KXXM 96.1 CC (ex KSJL), FC to CHR
 "Mix 96.1"
 Waco: KCKR 95.7 QC from 95.5, PC< 24 kW,
 505 ft, XC: 31-30-51 / 97-11-43

UTAH:

Moab: KCYN 97.1 NO-GX

VERMONT:

St.Albans: WLFE102.3 adds WW1 country (&)



VIRGINIA:

Bowling Green: WWUZ 96.9 CC (ex WLMN)
 Christiansburg: WBKN 100.7 PG< 820w, 886 ft
 XG: 37-05-31 / 80-18-21
 Nassawadox: *** 98.3 GA: add class A
 Richmond: WRCL106.5 CC (ex WBZU), FC
 to oldies "Cool 106.5"
 Vinton: WJJS 106.1 PC< 730 w, 909 ft.
 Woodbridge: WJZW 105.9 PC> 40 kW (cir), 453 ft
 DA, XC: 38-53-30 / 77-07-55

WASHINGTON:

Camas: KNRK 94.7 PG< 15 kW, 807 ft.
 DA, XG: 45-27-17 / 122-32-58
 Ephrata: KTAC 93.9 NW, religion
 Pasco: KEYW 98.3 NC to 1214', C2, XC, RE
 Royal City: *** 93.5 PA: add class A
 Spokane: *NS 90.3 AF
 Spokane: KEZE 96.9 FC to easy / religion

WEST VIRGINIA:

Dunbar: WBES 94.5 PC> 9.6 kW
 Romney: WDNZ104.1 QC from 88.1, PC<100w
 XC: 39-18-56 / 78-43-04, CC (ex WJJB)
 Welch: WELC102.9 FC to JRN soft AC (&)

WISCONSIN:

Cleveland: WKTT103.1 PG> 5.8 kW, 292 ft.
 XG: 43-59-03 / 87-45-55
 Columbus: WTLX100.5 CC (ex WYKY) "Talk"
 Mayville: WMDC98.7 CC (ex WMVM)
 Portage: WDDC100.1 PG< 3.1 kW, 374 ft.

WYOMING:

Casper: KKRR102.5 OSA to class C, 100 kW
 1834 ft, XG: 42-44-24 / 106-18-23
 Douglas: *** 92.5 PA: add class C1
 Glendo: KUUY100.1 2 kW, 115 ft. CC (NS)
 Sheridan: *NS 88.9 AF
 Sheridan: *NS 88.1 AF (MSU - Billings)
 Wheatland: KZEW101.7 CC (ex KYCN) "The Zoo"

U.S. TERRITORIES:

AMERICAN SAMOA:

Pago Pago: KHJS 93.1 PG< 270w, 1443 ft
 XG: 14-16-12 / 170-41-10

PUERTO RICO:

Hormigueros: WRRH106.1 LC
 San Juan: WZNT 93.7 PC<32 kW, 1778 ft

VIRGIN ISLANDS:

Christiansted: WVIS 106.1 RA with urban AC &
 reggae



CANADA

ALBERTA:

High Level: *NS 106.1 8765w wanted // CKXX-FM
Lake Louise: *NS 93.9 30w // CKIS-FM 96.9 wanted

BRITISH COLUMBIA:

Invermere: *NS 97.3 50 w // CKIS-FM 96.9 wanted

MANITOBA:

Winnipeg: CJUM101.5 CC (NS), NW, variety

NEW BRUNSWICK:

Rogersville: *NS 99.9 31 w. stn here for temporary special events, also assigned to Baie Ste-Anne and Neguac.

NEWFOUNDLAND:

Deer Lake: CKXX 95.1 NO-CX-DE
Stephenville: CKXX95.3 NS, 4 watts

ONTARIO:

Ajax: CJKX 95.9 PG> 15.56 kW, to combat QRM from CFJB 95.7 & CFPL 95.9

Cornwall: CFLG 104.5 wants PG< 30 kW

Crystal Bch: CBLA190.5 QG from 100.3, 319 w
Iroquois: *NS 107.7 50 watts app, Seaway District High School

Killaloe: CHCR102.9 CC (NS), NW, variety
Peterborough: CBCP93.5 wants 98.7, PG< 10, 170 watts This will open up 93.5 allocation in Toronto

Sarnia: CKTY 1110 wants 106.3 35 kW, appl. will be heard in Hull, PQ on 11/12/98 at 9 a.m.

Welland: CHOW1470 wants 91.7, 25 kW, XG 10km to the NE to avoid QRM to the Welland Airport

QUÉBEC:

Montréal: CHOM 97.7 drops Howard Stern
Paspebiac: *NS 106.1 34w app, // CIEU-FM
Poste Laverendrye: delete VF2153 (CFNY-FM), VF2154 (CBU-FM)

Poste Laverendrye: VF2155, QG from 102.3 to 103.9, PG> 10 w, relay CKAC 730 Montreal, VF2156 QG from 107.9 to 99.9, relaye CITE 107.3, PG> 10 w.
Ste-Marie-de-Beauce: CJVL 1360 QG to 101.3 - 4.677w

SASKATCHEWAN:

Swift Current: *NS 95.7 privately owned Radio One relayed wanted here, 440 watts



MÉXICO

BAJA CALIFORNIA:

Tijuana: XHRM 92.5 FC to urban AC (San Diego)

TAMAULIPAS:

Nuevo Laredo: XHGTS 107.3 NW, Ranchera "Radio Impacto"

PIRATE WATCH:

CLEVELAND, OHIO: The FCC, with assistance from U.S. Attorney Emily Sweeney, shut down several stations in this city on August 25th: "WLSR 93.7", "WSPR 90.7", "Radio Ebenezer WMRC 88.1", and "WPRC 91.9". Doug mentioned getting the 88.1 station before the shutdown, hearing Spanish religion, in the downtown area.

DETROIT, MICHIGAN: Doug Smith noted two pirates here on a recent trip through the area. Both were in Spanish and originated from the "Mexicoville" neighborhood south of downtown. 94.3 was known as "La Cadena del Milagro", and carried religion from Puerto Rico. Doug estimates the power at around 500 watts. This one should get out on top! 95.9 was a bit weaker, maybe about 10 watts, and featured "tropical" music.

HARTFORD, CONN: Mike Bugaj sends an item from a local paper, the *Journal Inquirer*, about the "Prayse 105.3" pirated reported previously here. Seems he is still on the air, and even airing a political ad for former state Treasurer Joseph M. Suggs, Jr., who is running in the Democratic primary for Connecticut's 1st Congressional District. When approached about this, Suggs claims he did not realize it was an illegal station! It is uncertain at this point if he will be in trouble for helping to finance this violation of federal law.

MIAMI, FLORIDA: In a major action in July, the FCC shut down 15 pirates in SE Florida. Frequencies busted were: 104.1, 94.5, 107.1, 97.7, 89.1, 91.7, 88.7, 90.9, 95.3, 90.3, 92.7, 104.7, 99.5, 90.9, and 101.1, mostly in the Miami area. Chairman William Kennard said "the operation in Miami, Florida, was CIB's most successful, large-scale, enforcement action against unlicensed operators to date. This Commission has enforced and will continue vigorously to enforce the law against unlicensed broadcasters."

NASHUA, NH: Dave Markson reports hearing a pirate here on 87.9 for the past six months, in stereo, and no announcers. Mostly jazz, adult alternative ("AAA"), and bluegrass music, about one day a week. Coverage is at least five miles, with a good signal in downtown Nashua. Heading north, Dave notes the signal dropping out, but returning at downtown Merrimack (8 miles north). This means the signal is either coming from the east or west, or farther away (i.e. Boston). This pirate received coverage in Scott Fybush's September 4th edition of *Northeast Radio Watch* (at <http://radio.lcs.mit.edu/radio/new/new-9809094.html>). Scott notes that it "sounds awfully reminiscent of one that was widely heard last year in nearby Westford, Mass."

NEW YORK, NY: A Spanish religious pirate was noted near the George Washington bridge, on 95.1.
SPOKANE, WASH.: After three years, a high-profile pirate "Republic Community Radio", signed

off the air August 30th, citing the recent crackdown in Miami. This sounds like a "patriot" type pirate slogan, however, Republic is actually the name of a community in this area. The station was known for airing local high school sporting events via cell phone, and also providing flood coverage last spring.

• The FCC has made major changes to the Main Studio location rules for radio stations. A station's main studio may now be located "at any location that is within either the principal community contour of ANY station, of ANY service, licensed to its community of service, OR 25 miles from the reference coordinates of the center of its community of license" The FCC made the ruling to make it easier for people to get to stations, if such moves could make building placement more convenient. However, this does not bode well for station's outreaching to their community of license, which could be up to 50 miles away! Theoretically, studios could be placed at quite a distance in markets where an AM clear channel's "primary community contour" is wide-reaching.

• Dennis Smith checks in with a few items ... he received a few new stations while visiting Wasco, including KQLB 106.9 running // KCWW 107.1. The 106.9 translator in Goleta (of KMRO 90.3) which has been mentioned here several times because of signal problems they had picking up KMRO (XHTZ), is gone, as of June 20th. Apparently those operating the station got sick of it, too! . . . Santa Barbara's pirate, "KPRV" disappeared in June, and has not returned. Dennis does note TV audio on 96.3 and 96.9, run by uptown Santa Barbara's Gold's Gym. Those two frequencies are gone, but similar signals have appeared on 94.1, 102.1, and 102.5. The latter two do not appear to be bothered much by Santa Barbara's 102.3 translator (for KCLU 88.3)

• CHOM Montréal has dropped the Howard Stern. Parent Co. CHUM Limited also announced that they will not air Stern's new TV program on their Toronto TV affiliate, City-TV (Channel 57). Executive Fred Sheratt explains: "With the introduction of the television show in Montréal from U.S. border stations, CHOM's efforts in editing the daily radio show have been compromised as the radioprogram is no longer heard in isolation". CILQ 107.1 Toronto, owned by WIC, announced that they would continue to air Stern's morning program.

• Ken Simon forwards an e-mail from the European FM TV DX WEBLIST about the "UKW/FM Almanac", which lists all European stations, including ALL addresses of German speaking stations, and important addresses in other languages. The cost is about 17 DM, i.e. about \$10 US with current exchange rates. Order at: ADDX, UKW/FM Almanach, P.O. Box 13 01 24, D-40051 Duesseldorf, Germany.

• Note above the format change if KTXQ, 102.1 Fort Worth, TX, to rhythmic oldies. That change took place on August 31st. Chip Kelley reports that the station was simulcasting other co-owned stations (Chancellor) in the days previous to the switch. Such simulcasts included: KYLD 94.9 San Francisco, WJMN 94.5 Boston, WHTZ 100.3 Newark-New York, KYSR 98.7 Los Angeles, WGCI 107.5 Chicago, WKTU 103.5 New York, and WUBE 105.1 Cincinnati. So if you heard one of these stations on 102.1, which was probably very baffling, you heard KTXQ!

• More DAB applications from Doug Smith, this time for Montréal. All have a power of 11,724 watts:

1458.048 Mhz: CBF 95.1, CBFX 100.7, CBM 93.5, CBME 88.5

1452.816 Mhz: CKGM 990, CHOM 97.7, CITE 107.3, CKAC 730, CKMF 94.3

• Eric Bueneman mentions an 8/15/98 article in the *St. Louis Post-Dispatch* reporting that KZMM 100.7 Troy, Missouri, may be sold to AM sports station KFNS 590 (Wood River, Ill.) If the deal goes through, KFNS will simulcast their sports programming on 100.7, to try and fill in coverage area holes in western St. Louis County, and St. Charles County. KFNS-590 needs to protect WOW 590 Omaha, and nulls in that direction. KZMM's current owner, James McGee, is looking to purchase another station and move the classic country format there (AM 1460, or 99.9?)



THE VHF-UHF DIGEST NEEDS YOUR INPUT! GOT AN IDEA FOR AN ARTICLE?...HOW ABOUT A PHOTO OF YOUR DX ANTENNAS?...TELL US WHAT YOU GOT DURING THAT BIG DX OPENING...WE'RE ALL WAITING TO HEAR ALL ABOUT IT!!!

PHOTO-NEWS

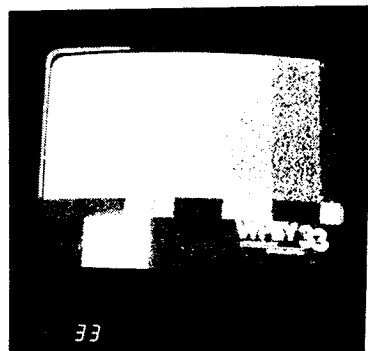
Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

October 1998

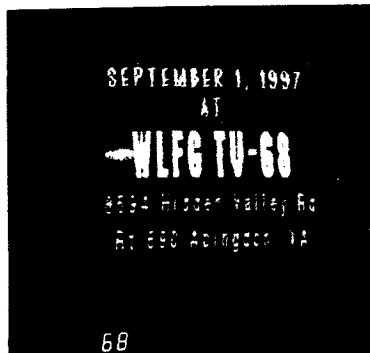
This month we feature some new photos from Bill Eckberg, Dixon, IL.

Equipment:

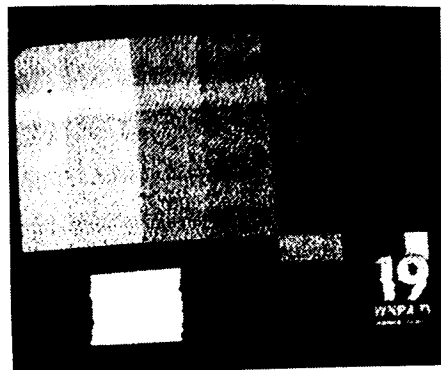
VHE - 1966 Zenith 14N22 23" B/W TV with C.M. 1110 @41'.
UHE - 1990 Zenith AC-DC 9" color TV w/C.M. screened 7' dish @53' and RDX Labs UA-900 preamp.
Jerrold CAC11 cable. Rohn 48' crankup tower.



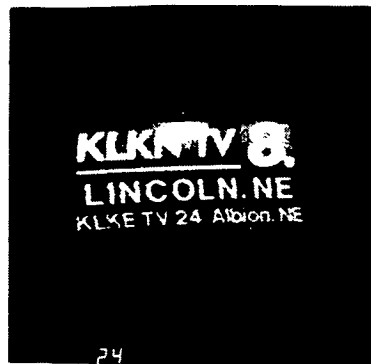
WPBY-33 Huntington, WV
428 mi Tr seen 2/20/97
@0405 CST



WLFG-68 Grundy, VA
487 mi Tr seen 9/1/97
@0200 CDT



WNPA-19 Jeanette, PA
517 mi Tr seen 12/15/97
@0235 CST
"new on air"

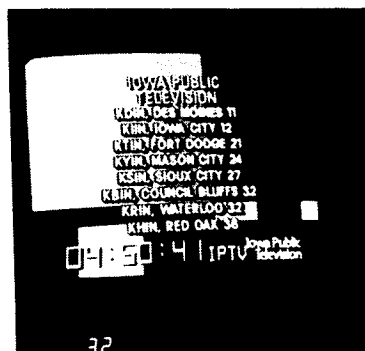


KLKE-24, Albion, NE
435 mi Tr seen 12/21/97
@0630 CST

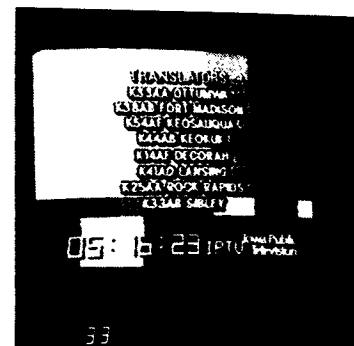
Photo News

October 1998

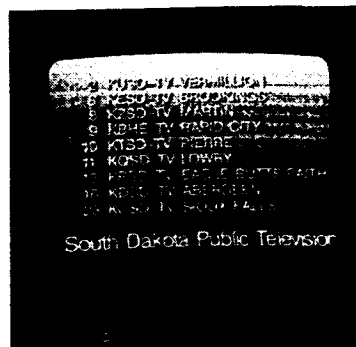
Page 2



KBIN-32 Council Bluffs, IA
327 mi Tr seen mid 1997
@0450 CDT



K33AA-33 Ottumwa, IA
158 mi Tr seen mid 1997
@0516 CDT
"xtr of KIIN-12"

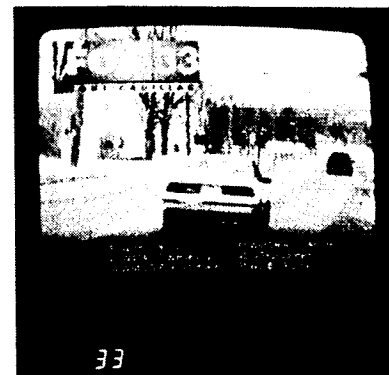


KSD-16 Aberdeen, SD
509 mi Tr seen 8/25/97
@0450 CDT



WFIQ-36 Florence, AL
483 mi Tr seen 9/4/97
@0100 CDT

WGKI-33 Cadillac, MI
258 mi Tr seen 1/31/98
@ 0400 CST



73's, *Jeff*

EASTERN TV DX

Russell Miller
 HC 61, Box 86B
 N. Amity, ME 04471-9622
 email address - estvdx@ainop.com

October, 1998

LOCAL TIME UNLESS OTHERWISE NOTED

Numerous reports this month. Great tropo and plenty of skip. Great tropo on the night of the 18th into the 19th at my location. What is interesting is other DXers had openings on the 20th including Bob Seybold who I thought for sure would have had an opening when I did. Bob is right in that tropo path, but then again I wasn't picking up NY state. Maybe the opening I had was such a high altitude inversion it missed NY. I just don't know. Everyone is doing a super job sending me easy to digest reports. Thanks to all.

Bob Seybold, 1865 W. Main Rd., Silver Creek, NY 14136

Not a lot of DX in past month but here is some of what I saw.

First off, I enjoyed the convention and it was great to see the fellows again. Fine job Dave & Greg.

Just before I left for convention on Friday, there was E-skip from the south including some from Texas, much of the same seen at convention site. Also some when I arrived home Sunday evening. There was also a few days of E-skip thereafter most of which was on channels 2, 3, & 4.

Main tropo was on Aug 20th in morning including: WICD15; St. Louis 38 & 46; Peoria U's; Decatur U's; WLF1 18 Ft. Wayne, South Bend U's; Okla 14 briefly; Missouri 50 & 62; WICS 20; Indy 20, 23; Muskogen 54; WUSI 16; Missouri 33; Indianapolis 20 & 40; Angola 63; Louisville 32 & 41. There were a few other tropo openings in August mostly into east-northeast including: Montreal; Ottawa (new 43 also); Watertown U's; Norwood; Adams 19; Albany 23; Burlington 33; Conn U's; but dates not recorded on these. Also new here Rochester, NY 47; Hamilton, Canada 36 (CTS) religion, strong here daily. A few other openings into Indiana, Michigan, W. Va. Also hurricane related North Carolina, channels 8, 22 & 28 brief and erratic. Some evidence of opening here in evening as I write this Sept. 5th. Details in next report. 73's,

Dave Nieman, Ho Sta Geh Rd, Rock City, NY 14749

Equipment: Teknika 6510 tuner into a RCA 19" TV plus an ICOM IC-R7000 with TV-R7000 TV receiver adapter. Channel Master 3617B VHF antenna at 15 feet AGL, on a Radio Shack rotor, Belden RG-6 coax feed into a Winegard FT-7600 FM trap (set to trap 95.7 MHz) and Winegard DA-205 distribution amp.

Antennacraft P-7 UHF antenna at 61 feet AGL on a Alliance HD-73 rotor, Winegard PA-4975 preamp and Belden RG-11/u coax feed.

All underlined loggings are new. Teknika for VHF and ICOM receiver for UHF reception.

July, 1998

19 Tr 0300 WRGT-LP 40 NY Rochester 89

August, 1998

01 Es 2200 KGAN 2 IA 686

under WGRZ Buffalo

04 Es 1700 KGWN 5 WY 1367

1743 KOTA 3 SD 1253

2058 WQI 5 IA 777

2120 KSNW 3 KS 1048

05 Es 1036 KFDX 3 TX 1224

1101 WPBT 2 FL 1113

under WGRZ Buffalo

09 Es 0851 WBRZ 2 LA 1073

under WGRZ Buffalo

0905 WVCI 4 MS 803

call upper RH corner, under WIVB Buffalo

1158 WMCT 5 TN 775

1300 KXAS 5 TX 1202

1359 KTBS 3 LA 1062

1407 KTAL 6 TX 1055

15 Es 1130 KLNE 3 NE 1093

1150 KHAS 5 NE 1034

1200 KWNB 6 NE 1170

Again, thanks to all who attended the '98 club convention at Rock City, NY. The e-skip is persisting as you can see. Dave

Roy Barstow, P.O.Box 2488, Teaticket, MA 02536

July, 1998

31 Es 1640 KJRH 2 OK 1396

1700 KOCO 5 OK 1502

1730 KFMS 5 AR 1344

KARK 4 AR 1272

1745 KFOR 4 OK 1501

1800 KTBS 3 LA 1416

1830 WTMJ 4 WI 635

1900 WUFT 5 FL 1051

1915 WMC 5 TN 1130

August, 1998

02 Tr 2300 WTVD 11 NC 591

WNCN 17 NC 592

02 Tr 2300 WLFL 22 NC 600

2320 WUNU 31 NC 592

WUNP 36 NC 533

2330 WKFT 40 NC 616

2343 WUPV 65 VA 400

03 Tr 0030 WPDE 15 SC 688

0200 WLTX 19 SC 757

0840 WCTI 12 NC 577

0845 WRIC 8 VA 467

0900 WJZY 46 NC 713

0930 WITN 7 NC 565

1130 WUNU 31 NC 592

1140 WPDE 15 SC 688

2030 WUNM 19 NC 577

WUNJ 39 NC 660

2040 WSFX 26 NC 660

WPDE 15 SC 688

565 1000 WDIQ 2 AL 1412

565 1030 WESH 2 FL 1359

450 1030 WCBF 2 SC 1111

562 1050 WJXT 4 FL 1311

440 1057 WEDU 3 FL 1478

565 1129 WFOR 4 FL 1550

600 2 & 3 barely skipping

592 1701 WCBF 2 SC 1111

591 1705 WWAY 3 NC 966

592 1706 WJXT 4 FL 1311

577 1718 WESH 2 FL 1359

533 1742 WSBTV 2 GA 1213

616 1746 WRBL 3 GA 1303

550 1749 WYFF 4 SC 1080

779 1753 WAGA 5 GA 1213

562 1815 WFMY 2 NC 920

702 1937 WFMY 2 NC 920

708 1955 WSB 2 GA 1213

700 1955 WDIQ 2 AL 1412

688 2006 WYFF 4 SC 1080

04 Tr 0015 WUNK 25 NC 562

WHMC 23 SC 702

0025 WJPM 33 SC 708

0030 WFXB 43 SC 700

0035 WPDE 15 SC 688

0045 28+ off. VCC Selling Coins

652 0145 WFPX 62 NC 652

600 0205 WLFL 22 NC 600

533 0215 W20AT 20 NC 533

471 0230 WRLH 35 VA 471

757 0305 WLTX 19 SC 757

490 0330 W18BB 18 NC 490

660 2340 W20AL (WNVN) NC 660

577 WCTI 12 NC 577

460 2345 W19BM 19 VA 460

562 W54BR 54 NC 562

05 Tr 0030 WHMC 23 SC 702

0040 WTAT 24 SC 779

0130 WMMP 36 SC 779

+ 14, 17, 9, 30, 36, 39, 47, 50 NC

387 2200 W48AW 48 DC 387

387 WMDQ 30 DC 387

387 W42AJ 42 DC 387

+ 14, 17, 19, 30, 36 NC

06 Tr 0000 W18BS 18 VA 450

460 W24BI 24 VA 460

702 0030 WHMC 23 SC 702

616 WKFT 40 NC 616

600 0045 WRAZ 50 NC 600

387 0100 WUSA 9 DC 387

387 WJLA 7 DC 387

06 Tr 0100 WJZ 13 MD 354

0740 WLTX 19 SC 757

-56 RAJ Foreign Lang. toward DC

Had to leave, too much DX. Will continue next time.
 73' Roy

Russell Miller, HC61 Box 86B, N. Amity, ME 04471

July, 1998

04 Es 1818 WCBF 2 SC 1111

2034 WSJK 2 TN 792

2034 WKRN 2 TN 1194

05 Es 0900 WSJK 2 TN 792

0911 WSB 2 GA 1213

0945 WEART 3 FL Sync ID 1499

1000 WDIQ 2 AL 1412

1030 WESH 2 FL 1359

1030 WCBF 2 SC 1111

1057 WJXT 4 FL 1311

1057 WEDU 3 FL 1478

1129 WFOR 4 FL 1550

06 Es 1701 WCBF 2 SC 1111

1705 WWAY 3 NC 966

1706 WJXT 4 FL 1311

1718 WESH 2 FL 1359

1742 WSBTV 2 GA 1213

1746 WRBL 3 GA 1303

1749 WYFF 4 SC 1080

1753 WAGA 5 GA 1213

1815 WFMY 2 NC 920

1937 WFMY 2 NC 920

1955 WSB 2 GA 1213

1955 WDIQ 2 AL 1412

2006 WYFF 4 SC 1080

Tr 2015 16+ and 43+ MD, VA(t)

08 Es 0800 WFMY 2 NC Brief 920

09 Es 3029 WKRN 2 TN Sync bar ID 1194

10 Es 1133 WESH 2 FL 1359

1622 KTCA 2 MN 1225

1631 WJMN 3 WI 924

1700 CHBX 2 ON 788

1727 WWAY 3 NC 966

1730 WCBF 2 SC 1111

1736 WJXT 4 FL 1311

1803 WUNC 4 NC 904

1816 WFMY 2 NC 920

11 Es 0710 WUND 2 NC 816

0723 WFMY 2 NC 920

0741 WUNC 2 NC 904

0755 WBTV 3 NC 1003

0757 WYFF 4 SC 1080

0807 WSBTV 2 GA 1213

1001 WTWO 2 IN 1086

13 Es 1903 WDIQ 2 AL 1412

1903 WSBTV 2 GA 1213

2100 WAGA 5 GA 1213

2101 WKRN 2 TN 1194

2102 WCBI 4 MS 1388

2132 WEDU 3 FL 1478

2139 WJXT 4 FL 1311

13 Es	2233	WESH	2 FL	1359
14 Es	1028	PBS	5 Minus off.	
	1030	WCBI	4 MS	1388
	1050	WKRN	2 TN	1194
	1106	WSMV	4 TN	
17 Tr	0917	WUHF	31 NY	514
19 Es	1856	CKPR	2 ON	1019
	1950	WTMJ	4 WI	1007
	2000	WFRV	5 WI	985
	2010	WITI	6 WI	1007
		Fox 6 Calls (Tech. diff.)		
	2045	WHBFTV	4 IL	1173
26 Es	2200	KMOV	4 MO	1246
	2230	CKPR	2 ON	1019
31 Es	1625	WKRN	2 TN	1194
	1630	WMAB	2 MS	1426
	1634	WJXT	4 FL	1311
	1659	WCBI	4 MS	1388
	1708	WCBD	2 SC	1111
	1712	WFOR	4 FL	1550

August, 1998

01 Es	1207	WSBTV	2 GA	
04 Es	0827	WESH	2 FL	
	2231	WAVE	3 KY	
	2231	KTVI	2 MO	
05 Es	2100	WSMV	4 TN	
	2113	WTTV	4 IN	
		KGAN	2 IA	
09 Es	0902	WYFF	4 SC	
	1037	CKPR	2 ON	
12 Ms	0741	WTTV	4 IN	
Es	1132	WESH	2 FL	
	1200	WSJK	2 TN	
13 Es	1754	WTMJ	4 WI	
	1755	WBBM	2 IL	
	1806	KDKA	2 PA	
	2016	KTVI	2 MO	
14 Es	0847	WSBTV	2 GA	
	0912	WFMY	2 SC	
15 Es	1100	CHITV	6 ON	
	1119	WYFF	4 SC	
	1123	WAGA	5 GA	
	1416	WKRN	2 TN	
16 Es	2035	KTIV	4 IA	
		WCCO	4 MN	
	2122	KDLT	5 SD	
18 Tr	2233	WKARTV	23 MI Calls	849
	2235	WSYMTV	47 MI	854
		Station Phone # given		
	2250	WPXD	31+ MI Info	826
	2259	WLAJ	53- MI	854
		in w WSYMTV		
	2319	WSJV	28+ IN	948
		Bearing off 28+ VT		
	2349	WNIH	34- IN in w/WNDUTV	961
19 Tr	0117	WNEP	16- PA	498
	0117	WYOU	22- PA	498
	0117	WVIA	44- PA	498
	0117	WOLF(t)	38+ PA (or NH)	
	0128	WWHQ	53z OH	892
	0216	WNDUTV	16 IN Calls	961
	0233	WJET(t)	24z "music"	

19 Tr	0233	WNPBTV	24 WV	750
		"WVPT" Pledge Drive		
	0235	WNPA	19+ PA	676
		Shop at Home (+ bearing)		
	0309	WANE	15+ IN	928
	0326	WWDY	23z IN	969
	0335	WSBT	22z IN CBS	961
		(WNDU still in)		
	0357	WHME	46z IN	961
		Prayer talk in w WSBT & WNDU		
	0420	WXIXTV	19+ KY	967
	0450	WCLJ	42+ IN	1057
		Relig. Prog. in w 63+		
	0450	WLIB	63+ IN	1057
		weak in w 42+ (bearing)		
21 Tr	2100	CFMT	47+ ON	585
	2115	CFGSTV	49z ON	380
		in w Hull 30		
24 Es	0858	WCBD	2 SC	1111
Tr	1900	QHIF	38- NB	25
		My first real U "Local"		

September, 1998

04 Tr	0024	QHIF	40- NB Global	140
	0025	WHSP	65 NJ	573

Comments: Tropo on August 18-19 was fun! Signals were generally weak. Locals were asleep. Only stations above average were 20, 22, 33, 28 VT. NY was quiet. While TV Channels 14-69 were mostly snow, the lcom was busy taking no prisoners. With a directive dish and the lcom checking offsets, it was a most pleasant opening. Not chaotic like most openings. MI and IN went quiet about 2349 only to return around 0130 or 0200. Weather maps showed fair weater locally with a High or Double high centered from NE MI to south of IN. A cold front pushing south of my location extending SW toward Kentucky. Hope fall tropo has even more to offer. Roy Barstow sent me a photo of a Cuban Es catch showing TVC and what "appears to be" a Logo of an actual Cement Block! Only Roy can do that. Dxers don't get older, they only get better.

Eric Voytko, 1721 Dalewood Place, McLean, VA
22101 email - evoytko@erols.com
Equipment: See August ETVDX

August, 1998

03 Tr	0700	WYDO	14 NC Over WTMW	229
	0715	WNCS	30 SC	346
		WFVT	55 SC	324
		WACN-LP	57 NC Rel.	232
		WIVW-LP	59 NC Rel//WACN	218
		W58CD	58 NC HSS	225
	0720	WPDE	15 SC	330
	0723	WOLO	25 SC GMA	390
	0724	WACH	57 SC	385
	0729	WFXG	54 GA	433
	0730	WCCB	18 NC	313
		WTVI	42 NC	318
		WJZY	46 NC	322

03 Tr	0730	WCNC	36 NC	324
	0733	WLTX	19 SC "News 19"	381
	0744	WIS	10 SC Today, 10-	379
	0746	WFMY	2 NC Piedmont WX	250
	0800	WUNG	58 NC	304
	0805	WUNC	4 NC under loc.	231
	0818	WTVD	11 NC over loc.	230
	0826	WXLV	45 NC over loc.	241
	0839	WBSG	21 GA GMA, 21+	594
	0900	WAXN	64 NC "Action 64"	313
	0958	WJBE	6 GA ID/News	454
	1002	WGTV	8- GA .Georgia Kitchens	
04 Tr	0809	WIVW-LP	59 NC w/WACH 57	218
		(normal WACN-LP)		
	0819	WMMP	36 SC	442
	0824	WVMB	21 SC	363
	0829	WJWJ	16 SC in color	464
		WJPM	33 SC	344
	0928	WTAT	24 SC under loc.	430
05 Es	1323	KOTA	3 SD ID	1390
07 Tr	0555	WVIT	30 CT	306
	0600	WHCT	18 CT SAH	310
		WIPX	43 CT	280
	0606	WBNE	59 CT CNN/H	289
		WTIC	61 CT	306
	0619	unID	63z TBN, from NNE	
08 Gw	0900	W16AZ	16 VA WAZT-LP	87
09 Es	1059	KSNW	3 KS 4 hrs.	1111
	1100	KTVI	2 MO 4 hrs.	713
	1229	KSXW	3 KS under KSNW	1299
	1500	KSNC	2 KS	166
20 Tr	0644	WFLD	32 IL MASH	585
	0646	WCPX	38 IL loc. Church	585
	0650	WHME	46 IN rel	507
	0656	WLIB	63 IN rel	478
	0700	WLF1	18 IN CBS news	510
	0709	WOTV	41 MI ABC news	501
	0710	WNDU	16 IN loc. WX	510
	0718	WGTE	30 OH PBS/Kids	379
	0729	WRSP	55 IL X-Men	655
	0731	WNDY	23 IN Infom.	472
	0738	WISH	8 IN loc. News	484
	0755	WLKY	32 KY	465
		WDKY	56 KY	409
		WDRB	41 KY	466
	0759	WKGB	53 KY KET logo	525
	0800	WHMB	40 IN	484
		WXIN	59 IN	484
	0801	WKZT	23 KY KET logo	473
	0807	WSTR	64 OH "Star 64"	391
	0812	WKAR	23 MI Barney	459
		WGVU	35 MI Barney	533
	0826	WTVS	56 MI Mag Sch Bus	404
	0830	WHSLt	46 IL HSC	716
	0900	WADL	38 MI	390
	0901	WUPW	36 OH J.Springer	380
	0942	WTVQ	36 KY Regis	391
	0946	WKPC	15 KY	465
		WLEX	18 KY	379
		WKLE	46 KY Ins. TV	389
	0959	WKMA	35 KY KET ID	570
	1005	WFTE	58 IN Heat of Night	466
	1014	WKON	52 KY Body elec	408

20 Tr	1102	CHIT	41 ON Canadian, 41z	
	1130	CBLN	40 ON Children CBC	355
		CFMT1t	69 ON weak in/out	
	1135	CITY2t	31 ON zero to WWPB	
24 Tr	0600	WNYA-LP	38 NY WIPX-43	234
	0619	Florence, Columbia SC	U's super.	
	1005	also WIS-10,	Greensboro U's	
25 Tr	0524	WSFX	26 NC	329
		W53BF	53 NC TBN	205
		WHFL-LP	56 NC Worship	244
		W59BA	59 NC TBN	244
		WHIG-LP	57 NC A1	205
	0530	WHMC	23 SC TP	353
		WRJA	27 SC TP	381
	0530	W38CI	38 NC rel	217
	0536	W18BS	18 VA TBN	130
		WVBN-LP	19 VA Box	157
	0542	W45BG	45 VA under loc	149
		W51BH	51 VA w/WPEN-LP	115
	0640	WTAT	24 SC under loc	430
		W44AX	44 SC TBN	440
		WJRB-LPt	18 SC weak 18+	440
	0648	WMMP	36 SC	442
	0659	WRAZ	50 NC over DC!!	232
	0919	WJPM	33 SC	344
	0921	WFXB	43 SC	357
	0926	WJWJ	16 SC	464
	1018	WJHL-LP	19 VA 19+ VVN	112
26 Tr	0500	Charlotte 18/36/42/55		
		exceptional, G-Boro 26/45		
	0522	WNEH	38 SC TP	412
	0552	unID	55+ LPTV SW w/INTV	
27 Tr	0526	unID	17+ LPTV SW w/A1	
28 Tr	0700	WYMT	57 KY CBS,loc news	342
		WTVQ	36 KY all morning	

NOTES: 8/3 brought a new state and best low band tropo ever. Not much to go on with WGTV, just heard the phrase "...Georgia Kitchens...". May have been GPTV promo? 8/4 Viewers of WIVW-LP must have been dismayed to see WACH Fox 57 in place of normal religious programs. 8/9 Four hours of KTVI and KSNW, the most watchable Es I've ever seen 8/20 some of the best tropo ever, KY stations were the best ever. WFLD is station #400. WRSP on tape, best ever UHF and WISH also a best for V-Hi. Tried, but no audio lock on WHSL as ch. 46 was crowded for a change, but a mystery HSC showed up on my tape! Will have to wait till next time. **Virtually everything here verified on station home pages within 12 hours. Like a national TV Guide. 8/24, 25, 26** superb coastal tropo, NY and NE in but the southern stuff was unreal, many NC relogs. 8/28 much wanted WYMT suddenly appears, weird, weak KY stuff all morning. Comments: I've noticed that AM video carriers are very easy to separate in USB mode on the lcom R7100, as long as no single station is a local. Not a means to ID, but the steady, crisp tone helps in aiming antennas for maximum signal, then switch back to FM narrow. I keep all TV video carriers in the '100' bank (i.e. 136 is ch.36 video/USB, 10khz TS).

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098 email: w9wi@bellsouth.net

July, 1998 from suburban Milwaukee

26 Es 2125 unID 2 ABC, plus one not parallel to any network....
27 Tr 0800 WWUP 10 MI 280 Sault Ste. Marie, "9 & 10 News"

August, 1998

05 Es 0900 KACV 2 TX Amarillo 827 legal ID
06 Es 1145 KIII 3 TX Corpus Christi 861 local ad
1200 KMQL 4 TX San AntonioID 813 KENSt 5 TX "Eyewitness News 5", Howie Mandel promo
1226 XHPN 3 CL 943 Piedras Negras, ID
1248 KMID 2 TX Midland, ID 945 KRCBt 3 TX NBC
1309 KFDX 3 TX 670 Wichita Falls, local ad
09 Es 1330 WGRZ 2 NY Buffalo 628 ad for Williamsville
12 Es 0100 CBOT-6 3 ON Pembroke 831 "OTTAWA" test pattern unID 3 PQ?"CBC Montreal" slide (CBC? or SRC/CBC Mont. Slide? RM - See photo March 98 VUD)
0130 CBFT1 2 PQ "SRC Montreal" slide (Yes, CBFT, RM)
14 Es 2350 unIDs to ch. 4
15 Es 1210 unIDs to ch. 4; Zellers ad on Ch. 3 in English (Woodstock has Zellers ads [RM])
1225 unIDs 2,3 PQ? "Bad News Bears" dubbed in French; Radio-Canada IDs & promos.
16 Es 0800 unIDs to ch. 5, Mexico; gone by 0830
20 Tr 0002 Indianapolis 42/59
0740 WSJV 28 IN Elkhart loc ad 363 WQTV 41 MI Battle Creek 435 "M-37 Hastings" ad under WDRB Chicago 26/32/44/60/66 380
0751 WNWQ 24 OH Toledo loc ad 415
0755 WOOD 8 MI Grand Rapids 442 logo (distinctive!)
0801 WHME 46 IN South Bend 362 LeSea donation solicitation w/address
0822 WGN 9 IL Chicago 381 calls in local news
0830 WLAJ 53 MI Lansing loc ad 437 KSPR 33 MO Springfield 329 "SPRINGfied 33" & local weather
0929 WJYS 62 IN Hammond 358 Korean program & into ID
0945 WCCU 27 IL Urbana 274 ID w/WRSP 55
1000 WILL 12 IL Urbana 266 Decatur underwriting
1025 KNLC 24 MO St. Louis 234 address in promo

20 Tr 1041 KRCG 13 MO Jefferson City 317 CBS
1104 KCPT 19 MO Kansas City 444 calls supered
1115 KSNT 27 KS Topeka 510 NBC27 logo (KSNT only NBC stn on 27)
21 Tr 0830 WGEM 10 IL Quincy 337 calls & local news
22 Tr 0900 unID 26 "26 Alive", children's shows. WYLE-AL?
0907 KYPX 42 AR Little Rock, 323 continuous ID over infomercials
26 Tr 2347 WXVT 15 MS Greenville 278 "XVT 15"
27 Tr 0626 WGNX 46 GA Atlanta 236 Atlanta 36/63/69t
0630 WDEF 12 TN Chattanooga 131 NOTE #1
0653 WJSP 28 GA Columbus 279 "GPTV" bug in PBS
0659 WLTZ 38 GA Columbus 298 political ad for Georgia governor
0725 WIIQ 41 AL Demopolis 281 "APT"
0729 WGIQ 43 AL Louisville 336 "APT"/25,36,41,etc
28 Tr 0035 Springfield, IL 20/55 268
0830 WELF 23 GA Dalton 137 TBN (rare despite short distance)

NOTE #1: Guess I forgot to formally log this one. Ad for TV repair shop, chock full of exploding TV sets. Weird stuff. I also think it's the first time I've ever seen an ad for a TV repair shop in TV

Willis Monk, Box 1452, Collegedale, TN email: WB5KHD@JUNO.COM

August 21, 1998

For the last 4 days, from 1100 to 1300 EDST, I have been getting audio from a PBS station, over WSB-TV Channel 2 in Atlanta. It never is strong enough to totally override WSB-TV. Not sure of that it is.

That's it, sorry but conditions have been the pits for VHF.

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071 email: jimayers@raider.net

July, 1998 (EDT)

09 Es 2146 KSNW 3 KS 791 skip to KS, NE, CO, SD

August, 1998 (EDT)

12 Tr 0708 W3SBB 35 GA 121 plus Jax. FL 21,25,47,59
22 Tr 0905 WGSA 34 GA 189 heavy CCI to local
23 Tr 2039 WTVT 13 FL 437

23 Tr 2216 WTSP 10 FL 405
2300 WJXT 4 FL 297
2334 WWWB 32 FL 441
24 Tr 0628 WEDU 3 FL 436
27 Tr 0741 WDKA 49 KY 357
0745 KBSI 23 MO 384
0753 WKMU 21 KY 309
0753 WKMA 35 KY 291
0801 WVAZ 19 KY 304
0809 WZTV 17 TN 214
20 kHz CCI to WTBS
1743 WKYU 24 KY 250
0 kHz CCI to local.
WBKO-13 from same tower in, as well.

Tropo was incredible late May to end of June, went flat during July, and is rebounding nicely late August. Skip was good earlier, but disappeared. I read "FOX-LA T5/13" recently on the VBI from W20AO in AL. I may have misread some of the latter text due to weak signal. Maybe Fox sends VBI text all the time? I've only seen it on this one station, though. Also, GPTV now superimposes a logo continuously during programs, as does WPGA (58 on peach), WMGT (41 with orbit around it), WMAZ (13 enclosing a heart), WUPA (UPN logo plus 69). Also, WTCl-45, WFLI-53, and WRBL-3 (with call letters!). 73's, Jim

Saul Chernos, 57 Berkeley St., Toronto ON M5A 2W5 (416)364-0725 email: schernos@torfree.net

May, 1998 (Toronto)

16 Tr 0030 WUTR 20 NY Utica
0045 WFVX 33 NY Utica Fox
23 Tr 0045 VX9AMK 15 ON Toronto (Experimental station run by North Star Media)

June, 1998 (Burnt River)

23 Es 1200 KPRY 4 SD Pierre

August, 1998 (Burnt River with new pre-amp & Toronto 19, 25, 41 off)

17 Tr 0215 CICI-93 42 ON McArthur Mills TVO TP (earlier TFO TP)
0235 WNYB 26 NY Jamestown "TCT 26" ID
0244 CHCH-4 41 ON Sudbury //67
0250 CICO-19 19 ON Sudbury
0250 WOIQ 19 OH Shaker Heights
0305 CHLE-1 25 ON Sudbury TFP TP, later programming
0310 WUHE 31 NY Rochester, Fox in ID
0315 WOHS 61 OH Cleveland (HSN)
0322 CICA-12 12 ON Owen Sound TVO TP
0324 CICO-38 38 ON Kingston TVO TP
0325 WBXN 55 OH Akron WB55 in TP
0330 WUAB 43 OH Lorain (round channel ID in lower right)
0335 CBLFT-14 32 ON Kingston

17 Tr CBC FF TP
0711 CBLN-5 20 ON Warton //CBLT 5

August, 1998 (Toronto)

24 Tr 0800 W23BP 23 NY Watertown
0840 CEJP 35 PQ Montreal

I am now set up with pre-amp at Burnt River to make UHF reception and DX possible there. Toronto continues to be largely impossible due to my downtown location. 73s, Saul

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

Equipment: Zenith 1991 Color TV, Quad loop at window for VHF w/RS Amp., UHF: 6 ft. dish in attic w/UA901 amp.

July, 1998

05 Es 1015 WBRZ 2 LA Baton Rouge
KATC 3 LA Lafayette
KPRC 2 TX Houston
12 Es 1920 WJXT 4 FL Jacksonville
1927 WUFT 5 FL Gainesville
1935 WWL 4 LA New Orleans
2000 WKRG 5 AL Mobile
13 Es 0857 KARK 4 AR Little Rock
0900 KXAS 5 TX Fort worth
16 Tr 1010 WPMT 43 PA York
1055 WTVE 51 PA Reading

August, 1998

03 Tr 2100 WNED 17 NY Buffalo
04 Es 1133 WLBT 3 MS Jackson
1358 KSNC 2 KS Great Bend
1400 KQTV 2 MO St. Joseph
05 Es 1805 KDLO 3 SD Florence
1910 KDLH 3 MN Duluth
06 Au 0530 Hash 2-6
07 Tr 0830 WITF 33 PA Harrisburg
08 Tr 0436 WXTV 41 NJ Paterson
0436 WHSE 68 NJ Newark
0440 WLIY 55 NY Riverhead
1000 WWPB 31 MD Hagerstown
09 Tr 0830 WMEA 26 ME Biddeford
0835 WVTA 41 VT Windsor
Es 0900 KARK 4 AR Little Rock
16 Es 2130 CBWFT 3 MB Winnipeg
2143 CKND 2 MB Minnedosa
2158 KGFE 2 ND Grand Forks
20 Tr 0835 WTJA 26 NY Jamestown

A number of more common loggings of WESH, WPBT and WBRZ et. al. were omitted from this report. August was the most active month for Es it seems. Most interesting thing this reporting period was the NYC opening on UHF and FM in the early hrs. of 8/8. This direction has never opened here in the valley, at least that my eyes have seen. I had a great time seeing all at the convention. (Biddeford is nice catch too as I rarely see or hear Scrantron or Wilkes Barre, probably too many hills. [RM])

WESTERN TV-DX

October 1998

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for August 1998. Overall, the southern CA tropo on TV/FM (to San Diego/Tijuana, up to 200 mi/320 km) was quite consistent and even better than in July. Temperatures inland (away from the ocean) were often hotter, up to 110°F/42°C in this region, making the inversion layering all the more extreme and productive. (In the lower "marine layer" within a few mi/km of the ocean, it is approx 70°F/20°C.) It is this consistent nature in the warm part of the year, in the years before cable, that prompted the Santa Barbara news-Press to include San Diego TV listings (175-200 mi) along with Los Angeles (90 mi). Indeed, in those days, XETV-6, KFMB-8, & KFSD (now KGTV)-10 claimed Santa Barbara as a percentage of their viewing audience.

Aug 1-4: Very good
 Aug 5: Good
 Aug 6: Fair
 Aug 7-16: Variably good to very good
 Aug 17-18: Fair
 Aug 19: Morning fair, evening good
 Aug 20-21: Good
 Aug 22-23: Very good, near excellent (Including at times, fair K35DG La Jolla/San Diego with its prominent non-ID "UCSD-TV") Prominent inversion; hot inland, cool on coast
 Aug 24: Good
 Aug 25: Morning fair, evening good
 Aug 26-28: Fair (However, high band very good, Aug 26-27) Inversion not as pronounced; hot inland and very warm along coast.
 Aug 29-31: Good
 Aug 31: Evening poor (a little wind stirred the air)

I observed no Es in August.

Fernando Garcia, San Salvador 415, Rincon de la Sierra 67181 Cd Guadalupe, NL, MEXICO

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

August 1	CDT
0500 KLPB 24 LA Lafayette	567
WLPB 27 LA Baton Rouge	638
KADN 15 LA Lafayette	586
WNOL 38 LA New Orleans	694
0515 WUPL 54 LA Slidell	705
WGNO 26 LA New Orleans	694

Victor Frank
 12450 Skyline Blvd.
 Woodside, CA 94062-4554
 e-mail frank@horizon.sri.com
 (650)851-7031

KFXK 51 TX Longview	557
KVHP 29 LA Lake Charles	530
KDXT 58 TX Dallas	518
KFWD 52 TX Fort Worth	522
KXTX 39 TX Dallas	518
KETK 56 TX Jacksonville	532
0530 WDBD 40 MS Jackson	754
WVLA 33 LA Baton Rouge	633
KAJN-LP 40 LA Lafayette	586
0630 KLTL 18 LA Lake Charles	548
0730 KLAX 31 LA Alexandria	618
K66FI 66 LA Opelousas	599
K69HD 69 LA Church Point	586
0930 KHSX 49 TX Irving	518
KPXD 68 TX Arlington	518

August 2	CDT
0445 KMSS 33 LA Shreveport	615
0500 KASN 38 AR Pine Bluff	772

August 8	CDT
2130 KLTS 24 LA Shreveport	616

August 9	CDT
0530 KMPX 29 TX Decatur	537
KUVN-LP 31 TX Fort Worth	521

August 11	CDT
0600 K65CE 65 LA Shreveport	615

August 13	CDT
0700 KDAF 33 TX Dallas	518
KTXA 21 TX Fort Worth	518
KDFI 27 TX Dallas	518

August 27	CDT
0630 WPML 15 AL Mobile	694
WLAE 32 LA New Orleans	694

Other days with 500+ miles opening: 3, 4, 10, 12, 14, 17, 23, 26, 28 & 29 mostly into DFW and south Louisiana. This was a typical month of August. 73's Fernando

Eric Bueneman, N0UIH, 631 Coachway Lane, Hazelwood, MO 63042-1347

Equipment: Alaron 12-inch (30 cm) black and white TV, Radio Shack VU-210XR with Radio Shack Archerrotor at 33 feet (10 meters) above ground level, 540 feet (164 meters) above sea level

August 19, 1998 tropo	CDT
2253 WTVS 56 MI Detroit	460
2256 WCLJ 42 IN Bloomington	210
2258 WIPB 49 IN Muncie now 24 hr	285
2302 WTTK 29 IN Kokomo "WB-4"	255
2303 WSJV 28 IN Elkhart "Fox 28"	305
2304 WNDY 23 IN Marion	290
2305 WNDU 16 IN South Bend	300

Western TV DX E. Bueneman

2311 WRGT 45 OH Dayton	340
2312 WUAB 43 OH Lorain	475
2315 WKEF 22 OH Dayton	340
2325 WLIO 35 OH Lima	360
2326 WUPW 36 OH Toledo	415
2329 WKBD 50 MI Detroit	460
2336 WSNS 44 IL Chicago	270
2347 WNIH 34 IN S Bend	300
2352 WNW0 24 OH Toledo	415
2353 WSBT 22 IN S Bend	300
2356 WCFC 38 IL Chicago	270

(not WCPX yet!)

August 20, 1998 tropo	CDT
0000 WOTV 41 MI B Creek	365

0004 WLAJ 53 MI Lansing	390
0006 WWJ 62 MI Detroit	460
wK6ZEG, last seen as WGPR in 94	
0007 WGB0 66 IL Joliet	225
0008 WEHS 60 IL Aurora	235
0010 WCJU 26 IL Chicago	270
0020 WXIN 59 IN Indianapolis	
0025 WSYM 47 MI Lansing	365
0100 WFLD 32 IL Chicago	270
0111 WTLJ 54 MI Muskegon	375
0128 WLS 7 IL Chicago	270
0135 WHMB 40 IN Indianap.	240
0136 WPWR 50 IN Gary	250
0137 WHME 46 IN S Bend	300
0155 WWTO 35 IL LaSalle	190
0156 W39BH 39 IL Champaign	150
0207 WDRB 41 KY Louisville	250
0208 WLKY 32 KY Louisville	250
0213 WOIO 19 OH ShakerHts	510
0240 WMTU 16 TN Jackson	235
0257 WFYI 20 IN Indianapo	240
0304 WKOI 43 IN Richmond	305
0308 WFVA 39 IN Ft Wayne	320
0338 WKJG 33 IN Ft.Wayne	320
0341 WPTA 21 IN Ft.Wayne	320
0352 WTOL 11 OH Toledo	415
0355 WIIB 63 IN Bloomingt	210
0430 WLF1 18 IN Lafayette	225
0559 WISH 8 IN Indianapo	240
0600 WOOD 8 MI GrRapids	400
0647 WRTV 6 IN Indianapo	240
0730 WGVK 52 MI Kalamazo	350
0732 WQHS 61 OH Cleveland	500
0737 WXYZ 7 MI Detroit	460
0740 WXIX 19 KY Newport	325
0743 WWAZ 19 KY Madisonv	190
0753 WKMJ 68 KY Louisville	250
0758 WHTN 39 TN Murfrees	295
0800 WPGD 50 TN Henderso	265
0812 WZTV 17 TN Nashville	270
0816 WNAB 58 TN Nashville	270
0825 Most Chicago, N. Indiana, NW Ohio and S. Michigan still in.	

This was basically a repeat of the Dec 26-27, 1994 trop opening, but the nota-

ble exception was that the Canadians were absent. Also noted some call letter changes. A few new stations did manage to make it, notably WOOD-8, WOIO-19 and WNAB-58. Most of the local LPTVs, along with full-power stations KNLC-24 and WHSL-46, had DX coming in under them. K18BT and KNLC were totally obliterated (by WLFI and WNW0, respectively). K58DH had another station come in under them, but it wasn't until after 0800 that I noted WNAB (audio taking out local K58DH, the two video carriers battling it out). Aug 20 eve cont'd. 1800 WCET 48 OH Cincinnati 320

2211 WSTR 64 OH Cincinnati	320
2219 WDKA 49 KY Paducah	155
2241 WVIZ 25 OH Cleveland	500
2317 WTVQ 36 KY Lexington	330
2322 WJVS 62 IN Hammond	245
2325 WTHR 13 IN Indianapol	240
2329 KCPT 19 MO Kansas C	225

August 21, 1998 tropo
 0102 KINB 50 MO Kansas C 225
 0103 KTKA 49 KS Topeka 285
 0131 WTJC 26 OH Sprngfld 360
 0217 WINM 63 IN Angola 345
 0258 Indianapolis 6,8,13,20,40,59
 0300 Dayton OH 7,22,45 340
 0301 Louisville KY 32,41 250
 0310 WHDN 2 OH Dayton 340
 0319 WKYT 27 KY Lexington 330
 The tropo continued into the afternoon and evening hours, even while I was sleeping or playing volleyball! The opening began to extend itself as the evening progressed, getting into western Missouri and eastern Kansas. For instance, I was receiving an FM station from Topeka, KS while WUPW-36 was still in from Toledo, OH. The tropo began to cool off somewhat by 0230, with several of the same stations still in. This opening made me glad I bought the VU-210XR. Aug 21 cont'd: 2213 WCPO 9 OH Cincinnati 320
 2220 WTTV 4 IN Bloomingt 210
 2221 WDKY 56 KY Danville 315
 2227 WYMT 57 KY Hazard 410
 2237 WWHO 53 OH Chillicothe 400
 2248 WLEX 18 KY Lexington 330
 2253 WOSU 34 OH Columbu 405
 2302 WKON 52 KY Owenton 305
 2303 WCVN 54 KY Covington 325
 2322 WTTE 28 OH Columbu 405
 2325 WPBY 33 WV Huntingt 430
 2330 WTSF 61 KY Ashland 425
 I knew it would happen sooner or later. I added a new state! WPBY-33 Huntington, WV made it into this shack

with their fund drive. The mention of Benchley clinched it for me. Columbus, OH area stations were seen for the first time, in the form of WTTE-28, WOSU-34 and WWHO-53. Cincinnati, Indianapolis and Dayton were in at near-local strength on UHF, while WCPO-9 nearly knocked KETC off the dial! WCPO's audio dominated over KETC, while the video portion was dominated by KETC, with WCPO a close second. WTTV-4 did knock KMOV off the dial, but both video and audio carriers mixed. W57BS was knocked off the dial for a brief time by WYMT-57.

August 27, 1998 tropo	CDT
0200 WCFT 33 AL Tuscaloo	415
0208 WMTU 16 TN Jackson	235
0215 WZDX 54 AL Huntsville	350
0238 WJSU 40 AL Anniston	430
0245 WATL 36 GA Atlanta	465
1900 KYOU 15 IA Ottumwa	185
1906 7,14 IN Evansville	165
1940 26,32,44 IL Chicago	270
1945 19,25,31,47 IL Peoria	140
2233 32,41,68 KY Louisville	250
2235 WKPC 15 KY Louisville	250
2239 WAFF 48 AL Huntsville	350
2247 WCTE 22 TN Cookeville	325
2302 WIAT 42 AL Birmingham	415
2341 WHIQ 25 AL Huntsvill	350

August 28, 1998 tropo
 0131 WPXH 44 AL Gadsen 405
 0153 WHNT 19 AL Huntsvill 350
 Seems like a rerun of January 15-17, 1995... but with a few new stations added in. Around 0200 on August 27, I switched on the television set and noted WCFT-33, much to my pleasant surprise. The "ABC 33/40" ID at the bottom right hand corner of the screen gave it away. WJSU-40 was mixing with local K40FF (/WPXS-13). I also noted WZDX-54 on this opening, along with WMTU-16 (second time in a week this was noted!) and ex-local WATL-36. Another Louisville station was added (second in a week) in the form of WKPC-15. Birmingham was noted for the first time, in the form of WIAT-42 (ex-WBMG). Alabama Public TV (APT) was only noted on WHIQ-25, and WHNT-19 managed to pull through WWAZ. Only WAAY-31 is needed to complete Huntsville for me.

August 31, 1998 tropo	CDT
0130 W28BE 28IL Springfield	80
0140 W33AY 33IL Springfield	80
0307 16,22 IN South Bend	300

Western TV DX *E. Bueneman*

0308 26,32,44 IL Chicago 270
 0310 WCLJ 42 IN Bloomingt 210
 0342 10,33 MO Springfield 190
 0345 KMOS 6 MO Sedalia 155
 2310 K41OI 41 MO Jefferson 100

Two new LPTVs made it in, both from Springfield, IL. W28BE was noted with EWTN's "The Best of Mother Angelica Live" //K62EG, while W33AY was noted with "America's store" (formerly Home Shopping Spree) //W39BH and K21OD. Chicago was noted (best signal was WCIU-26), as well as South Bend (best signal being WNDU-16). Also noted KMOS-6 from Sedalia on past their Midnight sign-off, they could be 24 hours now. A number of PBS stations (including local KETC-9) are now on 24 hours.

The first LPTV from Missouri outside of St. Louis made it in this evening, in the form of K41OI. KRCG-13 and KMIZ-17 showed local-strength signals, so I assumed it was in that general area, as my antenna was pointed west. I checked the TBN Web site, and surely enough, the calls and city were listed.

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

August 1998		CDT	
01tr	2255	KEDT	16TX 425
		KXAN	36TX 395
		KWEX	41TX 445
05Es	1809	unID	3 briefly
06tr	0719	WJSU	40AL 385
		WTJP	60AL 390
		0721WETU-LP	39AL 320
		0732	WSWS 66AL 370
			W52BC 52AL 280
07Es	1918	KOTA	3SD 1150
10tr	0433	KRRT	35TX 475
			At DisneyWorld
16Es	1125	KOTA	3SD 1150
17Es	2251	unID	CCI 3 brief
19Es	2202	unIDs	3,4 MDT zone
		2227	KOAA 5CO 940
23tr	2036	K49DE	LA note 50
27tr	2243	KEDT	16TX 425
		WJHG	7FL 325
29tr	0003	KEDT	16TX 425
		1028	KRRT 35TX 475
			KEYE 42TX 395

Note: Have been waiting for the right conditions for this one. WPXL New Orleans is usually so strong in every southerly direction, it's impossible to

see this. This particular evening, things were kind of dead except for a little enhancement out to Lafayette, and I was able to briefly catch some snippets of TBN. I wonder what the interference is like in New Iberia?

William A Eckberg, 1032 Sterling Rd, Dixon, IL 61021-9355

July 1998		CDT	
07Es	1940	KNAZ	2AZ 1258
08Es	1105	KENW	3NM 912
09Es	1900	KENW	3NM 912
		2000	KDNT 2TX 719
		2055	XEFE 2TA 1149
11tr	0400	WYMT	57KY 449
14tr	0035	KHNE	29NE 464
		0105	KSAX 42MN 404
		0200	KDSD 16SD 509
		0500	KLKE 24NE 435
16tr	0950	WPXG	14WI 231
17Es	1130	KWGN	2CO 811
18tr	1720	KSAX	42MN 404
19tr	2225	KXNE	19NE 402
20tr	0020	KHNE	29NE 464
		0355	K19CA 19MN 303
			(St. James KEYC-12)
		0400	KDSD 16SD 509
		0415	?? 51KMSP-9
		0435	KZSD 8SD 622
		0445	KQSD 11SD 571
		0530	KESD 8SD 405
		0540	KSAX 42MN 404
26Es	2230	KACB	3TX 933
		2300	KMID 2TX 967
27tr	0240	WKGK-LP	48IN 188
August 1998			
06Es	1000	WPBT	2FL 1229
		1030	WEDU 3FL 1031
		1200	WESH 2FL 983
		1205	WBRZ 2LA 784
		1300	KRGV 5TX 1189
		1400	XEFB 2NL 1282
		1410	XHPN 3CU 1100
13tr	0245	WOIO	19OH 401
19tr	2235	WPGH	53PA 491
		2305	WQLN 54PA 481
		2310	WOIO 19OH 401
		2320	CFMT 69ON 419
20tr	0003	WFLG	68VA 487
		0145	WYMT 57KY 449
		0210	W68CH 68MI 307
		0235	WOAC 67OH 417
		0400	CFMT 69ON 419
		0435	WOIO 19OH 401
		0900	WQLN 54PA 481
		0930	WUXP 30TN 408
21tr	0005	WYMT	57KY 449
		0405	KTEJ 19AR 409
		0435	WMTU 16TN 419

WWAZ-LP 19 KY 298			
	0450	KTVP	29AR 463
	1135	WUNF	33NC 558
23tr	0110	WYMT	57KY 449
	0135	WFLG	68VA 487
	0140	WPBY	33WV 428
	0300	WOAC	67OH 417
	2100	W67CA	67OH 278
			(Lima xltr, Fox?)
27tr	0020	KSAX	42MN 404
		0500	WUXP 30TN 408
			WNAB 58TN 408
		0510	WTCI 45TN 512
		0520	WZDX 54AL 503
		0540	WIAT 42AL 582
			WCFT 33AL 593
		0555	WAFF 48AL 503
		0600	WDSI 61TN 512
		0610	WDKA 49KY 321
		0620	WMTU 16TN 419
		0630	WABM 68AL 582
		0635	WISU 40AL 585
		1030	WFIQ 36AL 483
		1040	WAAY 31AL 503
		1100	WHNT 19AL 503
		1200	WLOV 27MS 558
		2200	WFLG 68VA 487
		2300	WUNF 33NC 558
28tr	0001	WTCI	45TN 512
		0005	WIAT 42AL 582
		0010	WCFT 33AL 593
		0015	WNPX 28TN 434
		0030	WAFF 48AL 503
		0140	WYMT 57KY 449
		0150	WKPT 19TN 508
		0200	WZDX 54AL 503
		0210	WUXP 30TN 408
			WDSI 61TN 512
30tr	1400	KSAX	42MN 404
			WYMT 57KY 449
		1500	WCFT 33AL 593

Eight loggings make July 1998 the worst ever for E skip. Does anyone know the location of a channel 51 with KMSP-9? Direction was western MN. Also on July 20 was a 175 mile wide duct centered on SD. The duct also extended east to Detroit. It was a high VHF low UHF band type opening and went 625 miles to the west. Many stations within the duct were snowfree. Martin and Brookings-8 took out local WQAD-8.

On August 23, a channel 67 south of Akron 67 was logged. Fox programming with a local Celina car wash ad was seen on the hour. What station is Lima 67 rebroadcasting? On August 27 and 28, hurricane Bonnie

Western TV DX *W. Eckberg*

brought 22 hours of continuous tropo to the southeast. Twenty-nine stations were identified at 400 to 600 miles.

DXer Neil Kazaross of Barrington, IL spent Sunday afternoon August 30 demonstrating the merits of his ICOM receiver connected to my antenna system. Under normal conditions, we received signals to 350 miles on my regular TV. He had no problem getting audio to Alexandria, MN-42 (400 mi.) and Hazard KY-57 (450 miles) on the ICOM. We then monitored powerful Andalusia AL-33. Unbelievably, their audio would break through the noise for about 30 seconds every half hour. WCFT-33 is 600 miles distant. Is the ICOM that good?

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

May 1998		PDT	
25Es	0910	XEPmt	2 XEWnet
28Es	0855	unID	Mex 3 SI Cooking unID Mex 2 //above
		0900	unID Mex 2 XEWnet unID Mex 4 ss cartoons
		2057	KREM 2WA
		2059	unID 4 FOX 4
		2059	unID 2 CBC
June 1998			
02Es	1100	KSWK	3KS ID unID 2 Ellwood
		1200	KACV 2TX ID
09Es	0900	unIDs	2,3,4 Mexico
11Es	0838	KLBY	4KS ABC 0839 unIDs 2,5 Pat Roberts
		0931	KXMB 2ND Calls
21tr	0451	unID	68CA NNW 0453 K57?? 57CA Hunter
			Liggett w/KCRA-3 (KEYT-3)
21tr	0500	K57BC	58CA SLO w/KRON-4
23Es	0821	KFDX	3TX ID 0823 XEPmt 2CH SS soccer
27Es	0745	XEPmt	2CH
29Es	0838	CKCK	2SK Nx 0900 KOTA 3SD ID unID 3 CTV unID 4 Global Net
		0927	KWSEt 4ND PBS
		1429	KHMT 4MT FOX
		1500	unID 5 FOX 7
		1530	KFYR 5MT Calls

July 1998

01tr 0900 unID		50 CA NW	
		Salinas?	Phonics Infomercial not KFTY-50
		2130	KFWU 8CA u/KSBW-8
04Es	1340	XEPmt	2 ss soccer
07Es	1900	unIDs	2,3,4 NNE -2000
08Es	1259	KACV	2TX Calls
10Es	1340	unIDs	2,3 NE
		2029	CITL 4AB CTV
		2039	CICT 2AB Nx pr
		2100	KRTV 3MT ID
13Es	2000	unID	4 NM-OK
		2011	KSNC 2KS Nx
		2012	unID 3 PBS
			KTXT-KNME
		2012	unID two 5s PBS
15Es	1732	XHQ	3 Culican
		1932	XHit 2CH
			Los Mochis Gas Co. Promo
		1720	unIDs Mex.2-5 -2030
18tr	0000	KWOK	68CA Novato
19Es	1904	KOMO	4WA Calls
		1906	CBUT 2BC CBC
		1906	KING 5WA
August 1998			
11Es	2327	KWGN	2CO Ads
			Tuned in @2315--nothing on ch 2--MS burst@2325 with tent. KMID-2 (Revolved state of Texas & Amusement Park ad--then KWGN-2 until 2345 fadeout. Also ch 4 Denver tent. Nothing on ch 3.
			Quite an Es season here. New ch 42 on air in San Luis Obispo with PAX Net. KMST-LP 55 (K55GQ) must have cut power -barely visible @ 30 mi north (San Ardo). K57BC-57 (KEYT-3) w/power increase--much better (San Luis Obispo). KCCE-LP-20 (San Luis Obispo) owner has told me they have an app. to 35 kw (w/AIN,ANC)

Danny Oglethorpe, P.O. Box 6688 Shreveport, LA 71136-6688

Tropo: No relogs under 400 mi. No LPTV relogs under 200 mi. Es: Only the most productive 24 hr period of each week.

July 1998		UTC	
20tr	1240	KUVN-LP	31TX 209 //KUVN-23
23Es	0415	WPBT	2FL 939
		0435	WFOR 4FL 939
		1420	KNAZ 2AZ 1045
		1432	KASA 2NM 753

1458	KACV	2TX	501
1502	KWGN	2CO	806
27Es	0315	KQTV	2MO 513
			Good opening to ND SD NE WY, etc.
31tr	1100	WJTV	44FL 410
		1227	WJSU 40AL 468
			ABC 33/40 Nx
			1300 Valley 17,23,44
Es	1635	WPBT	2FL 939
		WFOR	4FL 939
		1658	WESH 2FL 789
		1815	unIDs 2,4 Mexico
		1845	WTVJ 6FL 939
		1850	WUNC 4NC 875
		1905	WRC 4DC 1042
			WUND 2NC 1031
		1915	WTTG 5DC 1042
		1928	WMAR 2MD 1072
		1948	CHBX 2ON 1098
		1958	WJBK 2MI 904
		2002	WTAE 4PA 945
		2015	WNEM 5MI 943
		2033	WTMJ 4WI 801
		2048	WBAY 2WI 892
		2108	CKPR 2ON 1130
			WRAL 5NC 896
		2115	WGRZ 2NY 1091
		2128	WBKP 5MI 1063
		2145	CHRO 5ON 1287
		2205	WFMY 2NC 838
		2217	CBFT 2PQ 1414
		2220	WIVB 4NY 1091
		2222	WEWS 5OH 917
			CHII2 2ON 1225
		2243	CBTL 5ON 1103
		2248	CKCO2 2ON 1103
		2355	WTVH 5NY 1212

August 1998			
01Es	0000	WCMH	4OH 795
		tr	0730 XHAB 7TA 503
			Strong area tropo
			1430 Strong tropo into OK
02tr	0940	Oklahoma City & Tulsa	
		0940	K35CU 35OK 234
			Ada; KSBI
		1005	KDOR 17OK 326
			Bartlesville; TBN
		1102	KHBS 40AR 209
			Fi Smith; "40/29"
		1355	KWMJ 53OK 288
			Tulsa
04Es	1240	WBBM	2IL 737
		1405	WCYB 5VA 721
		1412	unID 6700 Club
			WRC 4DC 1042
			WMAR 2MD 1072
		1429	KGFE 2ND 1086
			KXJB 4ND 1028
		1432	WDTV 5WV 876
		1450	WTAE 4PA 945
			KDKA 2PA 945
		1600	WCCO 4MN 870

Western TV DX *D.Oglethorpe*

1605	WTVH	5 NY	1212
1615	WBZ	4 MA	1423
	WCVB	5 MA	1423
	WGBH	2 MA	1423
1640	KWSE	4 ND	1206
1655	CKND2	2 MB	1279
1720	WGRZ	2 NY	1091
1727	CBFT	2 PQ	1414
1742	CIIL2	2 ON	1225
05 Es	0025 KGAN	2 IA	672
	0030 CHBX	2 ON	1098
	0130 WBAY	2 WI	892
	0140 WNEB	5 MI	943
	0203 CHFD	4 ON	1130
	0210 WCCO	4 MN	870
	0218 WBKP	5 MI	1063
	0230 WDIV	2 MI	904
	0234 WJBK	2 MI	904
	0236 CBLT1	5 ON	CBC
	0255 WCMLT	6 MI	PBS
	0300 WTOM	4 MI	1042
	0305 WBWB	2 IL	737
	0306 WTMJ	4 WI	801
	0340 KTCA	2 MN	869
	0353 CKND2	2 MB	1279
	0420 KTVQ	2 MT	1215
06 Es	1420 Major opening E&NE		
	1607 WAGA	5 GA	551
	1607 WSB	2 GA	551
	2340 WJBK	2 MI	904
12 Es	0020 CHBX	2 ON	1098
	0045 WTOM	4 MI	1042
	0147 CKCO2	2 ON	1103
	1550 KGFE	2 ND	1086
	1615 CKND2	2 MB	1279
20 Es	0135 KGFE	2 ND	1086
	0148 WDIV	4 MI	904
	0155 WJBK	2 MI	904
	0225 KXJB	4 ND	1028
	0238 KWSE	4 ND	1206
	Williston; //KGFE-2		
	0245 WTMJ	4 WI	801
20 Es	0300 CKCK	2 SK	1367
	0310 KXMA	2 ND	1110
	Dickinson; KXMB-12 Nx		
	0335 KWGN	2 CO	806
	KCNC	4 CO	806
	0410 KTVQ	2 MT	1215
	KHMT	4 MT	1184
	0425 KXLF	4 MT	1376

We enjoyed a visit from Jeff Kruszka on July 25. Thanks to Jeff for information about several of my unIDs from May. Jeff's ID from XHTPZ-24 Tampico is a gem: Strong signal and an easy-to-read supered ID! Look for it in a future "Photo News."

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The Es actually improved during late July and early August.

Overall, an odd Es season. Very poor summer for Mexican Es, yet a good season for Canadian Es and near Es (under 600 miles).

Jeff Kadet, K1MOD/9, Box 20, Macomb, IL 61455
{Internet postings}

Equipment: Icom R7100 w/video adaptor or Zenith 13" color TV. 7 foot screened Channel Master UHF dish up 85' w/RDX Labs pre-amp, .500 hard-line.

August 19 2128, WQLN-54 Erie, PA is in snowfree.

August 21 1333, WBSN-47 Norton, VA is fighting it out with local WTPV in Peoria. Got 2 new UHF's this AM 0400 WRPX-47 Rocky Mt. NC Worship Net local ID 765 0421 WRAZ-50 Raleigh NC CB 728 The opening this AM also got as far west as Wichita and south as Little Rock.

August 27: Tropo has been in from N. GA, N. AL and N. MS most of this AM. Nothing new, just the usual xtrs/LPTVs. W59CF Russellville, AL was noted with local IDs and programming instead of TBN. Currently WG1Q-43 in Louisville, AL at 670 mi is in so the opening is going further south.

August 28: Tropo this AM was just as good as the AM before, although it petered out around 0300 CDT. North AR, MS, AL, GA were all in again plus western WV/VA. Around 2300 CDT, the Charlotte, NC area started coming in and stayed in well until 0300+. New loggings:

8/27 1015 KVTJ 48+ Jonesboro AR ID slide also w/KVTH-26/KVTN-25 IDs (319 mi)
2119 WKYU 24 Bowling Green KY (329 mi) no joke; have been after this one for YEARS. There must be a brick wall between their tower and Macomb. No wonder I never noticed their z offset CCI against WQPT-24 before; WKYU is off frequency at about .735 (below minus). They were putting about 10 thick bars on WQPT. Still nil on the ch. 48 LPTV there.
2256 WQTV-LP 46+ Murray, KY ID slide (294 mi). Station total at 1689.

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

August 14, 1998, Es has been in since 6 PM, KSNW ch. 3 KS for over 4 hours mixing with KYTV ch. 3 MO. MUF does not seem to be going above ch. 4. Very intense on ch. 3.

August 16, 1998, Es was in early, KENW, ch. 3 NM, from 9 AM MDT on, gone by the afternoon.

Mike Cherry, VE7SKA, Box 631 Ganges PO, Salt Spring Is. BC V8K 2W2 CANADA

August 20, 1998 Es UTC

0212 KRTV 3 MT 110°
0229 KXMA 2 ND 110°
0230 KHMT \$ 4 MT 100°
0258 KXLF 4 MT 100°
0300 KBCI 2 ID 100°
0326 KUTV \$ 2 UT 140°
0349 KNAZ \$ 2 AZ 145°
0400 KNEW 3 NM 145°

Pat Dyer, W5IYX, 5315 Silver-tip Drive, San Antonio, TX 78228-2744 pjdyer3@juno.com

August 1998 GMT

07 Es 0953 KDKA 2 PA Pittsburg
08 Es 0030 KGAN 2 IA C.Rapids
0158 KOTA- 3 SD Rapid Ci
10 Es 0404 KGAN 2 IA C.Rapids
11 Es 2203 KTVI 2 MO St.Louis
16 Es 0020 WJBK- 2 MI Detroit
0059 WBAY- 2 WI GreenBa
0203 KTCA- 2 MN Minneap
0213 KUSD- 2 SD Vermillio
1320 WBAY- 2 WI GreenBa
1323 KTCA- 2 MN Minneap
1328 KUSD- 2 SD Vermillion
1359 KGFE 2 ND Gr.Forks
1429 KGAN 2 IA C.Rapids
1529 WDAY- 6 ND Fargo
1559 KDLH- 3 MN Duluth
1629 KBME 3 ND Bismark
17 Es 1535 WWAY 3 NC Wilmingt
1559 WCBQ 2 SC Charlest
18 Es 0344 WKRN 2 TN Nashville
19 Es 1658 WSB- 2 GA Atlanta
1729 KUSD- 2 SD Vermillio
1740 WKRN 2 TN Nashville
1758 KTVO 3 MO Kirksville
1759 KGAN 2 IA C.Rapids
20 Es 0216 WJBK- 2 MI Detroit
0259 KGAN 2 IA C.Rapids
0313 KTVI 2 MO St.Louis
0327 WSAZ- 3 WV Huntingt
0327 WBAY- 2 WI Gre.Bay

Western TV DX *Pat Dyer*

0327 KTCA- 2 MN Minneap
0413 WTWO 2 IN TerreHau
0437 WBBM- 2 IL Chicago
0444 WISC- 3 WI Madison

The local evening of the 15th (16th GMT) the MUF only flirted with ch 4, though lots of unIDs were noted on 3. All of this was a far cry from those spectacular Es levels reported elsewhere earlier in the day.

The local evening of the 19th, the MUF hit 94.3 at 0427Z. TV last gap around 0515Z with KGAN. Their prominent/distintive logo ID helps!

Frank W. Merrill, P.O. Box 669,

Macomb, IL 61455

Equipment: Icom R-7000 and video adaptor, fed to 25-inch monitor. Or Zenith 1310 (13" set from late 1970s). Winegard preamps, and Winegard VHF-UHF antenna (predecessor to 8200) at 40'. In addition, sideways-mounted ("vertical") deep fringe VHF antenna (Channel Master, I think) only 10' high, for virtually all Es DX. Strongly advised for skip!

September 24, 1997 tropo EDT

2333 CHCH3 67 670?
other OH,MI U's Buffalo 49 but no Toronto

September 28, 1997 tropo

0333 CIIL 6 ON Paris
3/4 CB zero to KWQC, but not strong enough to see if "Global"

October 5, 1997 tropo

0548 unID 44+ Worship Network; is this Gadsden, AL?
0602 W51 51 IN Evansville Valuvision

2211-2245 WBXX 20 TN 435

overriding WICS
WKHA 35 KY 459
Some Chattanooga, Birmingham Us.
WLFQ 68 VA 510
WCNC 36 NC CCI 646

0500 WJHL 11 TN 533
0531 WFVT 55 SC (NC) 646
2257 WTVI 46 NC 646
2351 WVSX 59 WV 550

December 15, 1997 tropo EST

0230 WOCH-LP 28 IL Chicago 181

June 1998: Es dates with no IDs

above channel 4: 9,12,14,15,22,23

(busy on FM),28.

June 18, 1998 Es

1957 CJFB 5 SA

1957 KWSE 4 ND

2114 KSRE 6 ND

+ other northwest

June 19, 1998 Es

1800 EI Paso/J. 2,4,5

June 24, 1998 Es

0100 CKOS 5 SA

0131 CKCK 2 SA

CITL 4 AB

1100-1200 various south

1520 ICRT 3 CUBA 1400

June 27, 1998 tr

0250 Okla.City OK 14,43 510

0405 KSNgt11 KS 573

0600 KCBQ 11 TX 778

0652 KAMC 28 TX 778

Jeff K. says that 2m hams

missed this selective opening

Es: Mexicans to ch 6 all afternoon

June 29, 1998 Es

0130 KSVI 6 MT

1523 CITL 4 AB

1910 CKBI 5 SK

1912 KETS 2 AR 422

New Es state! Backscatter?

June 30, 1998 tr

0643 K43 IA DesMoines 173

"The Box"

July 1998: Es dates with no IDs

above channel 4: 5,6,9,10,11,12,

22,23.

July 7, 1998 Es

1327 KRIS 6 TX

Various lower Es all day.

July 9, 1998 Es

2100 KACB 3 TX purely local ID

July 13, 1998 Es

0921 WECT 6 NC

0931 WCSC 5 SC

WBTV 3 NC rare 646

0940 WJBF 6 GA rare 681

1000 WCPX 6 FL

1016 WKRG 5 AL

1030 WMAB 2 MS rare 496

1055 WDSU 6 AL

northerly ch 2 Es in evening

tr 2238 KPLO 6 SD rare 521

July 14, 1998 tr

0053 KDLO 3 SD CCI only 449

0116 KABY 9 SD 526

0207 KPXY 4 SD 563

w/KSFY-13, after WHBF,KTVI off

0240 K62 62 MN //KVBW-45

Got extremely busy on FM, mostly VHF

July 15, 1998 Es in & out all day

1934 XHPN 3 CU Gorgeous ID

1959 WPTV 5 FL

and much more, all southerly

July 20, 1998 tr

0350 KABY 9 SD 526

KELO 11 SD snowfree 377

0500 K20AD20 MN Worthington 335

2200 KPTM 42 NE snowfree 282

2213 KGIN 11 NE ov KDIN 404

2216 KPNET 9 NE PBS 530

not WGN

2223 KSNK1 8 NE NBC 525

audio surfaced over KCCI 8-

2300 KCAU 9 IA 328

August 13, 1998 Es: UT,MT ch 2

August 14, 1998 Es

2313 KBME 3 ND

KWSE 4 ND

2319 KXMA 2 ND

2331 CFQCI 3 SK

2359 CKOS 5 SK

CHSS 6 SK same ad as 5

August 15, 1998 Es

0900 WGRZ 2 NY extem rare 631

1100 New England to 6

got real occupied on FM

June 29, 1998 Es

1604 WKMG 6 FL Orlando

1655 WRBL 3 GA rare 635

1700 WSB 2 GA Note #1 578

2103 Very strange ID slide on 2!

Canal upper left

Large 2 in center of circle

"just sat there," and again @2122

a test card? Only WPBT 2 FL

around this time, otherwise.

2300 KDTN 2 TX 640

August 16, 1998 Es

0828-1130 mostly TX/NM to ch 6

August 18, 1998 Es, WBAY tropo

1953 CFCL2 2 ON 650

1959 CH-Bt 4 ON lost it 693

2030 WBAY 2 WI strong 311

August 19, 1998 tr & Es

0030 KBJR1 6 MN brief CCI 442

0135 KABY 9 SD 526

0140 KTTM 12 SD 471

0550 WFTV 9 MI 376

1330 XEFB 2 NL Es 1161

1840 N. Ohio coming up (tropo)

2148 WQLN 54 PA 562

2200 KACV 2 TX Es 711

2300 WPGH53 PA tr, rare 567

WKYH 57 KY 459

2312 KAMR 4 TX Es 711

2318 WXYZ 7 MI tropo 410

WLFQ 68 VA 510

This one (and next) stayed in 3 days!

W 59 WV 550

August 20, 1998 tr

0200+CICO 59 ON 460

CKCO-1 42 ON 458

0350 WGKI 33 MI 376

WGTV 29 MI 394

0852 WTOV 9 OH 529

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Western TV DX *Frank Merrill*

1752 KATV 7 AR	404
1905 WKS029 KY	401
2200 WEWS 5 OH atop!	474
2212 KTWU 11 KS	284
off back of antenna against WHAS-KY	
2300 WUAB 43 OH atop WYZZ	
August 21, 1998 tr	
0140 WDLI 17 OH rare	488
0200 W54AF 54 OH Bucyrus no id	
0215 KYPX 42 AR	422
0224 W36CG 36 IN 3ABN	238
0457 WXLV 45 NC snowfree	640
0500 WRPX 47 NC Big ID	765
0517 WUNL 26 NC UNC-TV	640
0540 WUOC 44 OH rare	480
0549 WUNF 33 NC	576
0600 WUAF 50 NC s/o 3/4CB	728
0645 KSBW 57 AR 3/4CB.ID	350
but southeast was more interesting.	
0705 WCNC36 NC	646
0730 WNPX 28 TN Cookeville	407
WJHL 11 TN	533
2036 WSLs 10 VA st CCI	612
readable at times u/WTHI	
2221 WUNF 33 NC PBS	576
August 22, 1998 tr	
0500 *Thought opening was dead	
VA 68, WV 59, not much else, then;	
WXLV 45 NC snowfree	640
0630 WLOS 13 NC	576
1845 WRGT 45 OH	343
1949 WCNC36 NC CCI	646
August 23, 1998 tr	
0243 WOSU34 OH	406
0415 WLF6 68 VA	510
W 59 WV	550
WUPW 36OH	388
and nothing else good	
0500 OHs back again even	
WEWS 5 OH	474
0820 end of opening, 59 & 68 last	
to fade.	

Note 1 (1700, August 15) After years of having this guy forever elude me, it instead saves me from my first-ever total "Es shutdown" (with not even one new TV logging via skip). Actually there still could be something new in the secondary season near Christmas but it certainly cannot be relied on. Somewhat marring the occasion was an obvious control room snafu, with full audio ID being "only on Channel 2, Atla [nta] before it was cut off. Icom audio only, video from other ch 2s. My comment: "At la[st]!"

It was great to be able to "see Rock City" in 1998. Anybody who is

40

able to attend a WTFDA convention should so so, for a good time and lots of visiting. There are always people who don't make it, who would be nice to see, and this was no exception. Tom Bryant had a pretty cool reunion to attend. I missed seeing more of the NJ guys, Jim D. (from RDX Labs in KS, who makes the good preamps), a couple of Bills (Thompson-NY, Grant-MA), etc. Jeff Kadet chose not to go because of leftover problems from a broken leg which could be a problem at the wrong time. Has anybody ever thought of combining a WTFDA convention with, say, IRCA? I mention IRCA because its conventions are always timed close to WTFDA; however they're usually in the West, which does not seem to be an itinerary for WTFDA meets. After all, with one really notable exception (Hawaii), 500 mile tropo is virtually unknown in the West.

The tropo of August 18-23 was notable, especially for its persistence on FM as well. I had more FM tropo that period than, perhaps, the entirety of 1990 to 1992. I remember those years as real "stinkers" on FM, and there was one period (when, I forget exactly) where I had no good FM tropo whatsoever for at least 1.5, maybe even 2 years. It was also notable that some signals never totally vanished (VA on 68, and on 47 when it was on; WV on 59) for more than a few minutes in over 3 days! Some traces of them (CCI, usually--or faint 68 audio) persisted thru all of the daylight. I can't figure out what happened to needed WLXI-61; are they all right? Supposedly it's TBN. There wasn't a trace of this (not even CCI) when 45 was snowfree--has Lead Mountain Technologies, Inc. decided that blocking only WHNS-21 wasn't enough?

My report was much more summarized than usual, such as merely showing dates of low MUF, and only listing a few receptions to more or less define the tropo openings. Much more came in than was listed (as, for instance, no Detroit, except once WXYZ-7, were listed). It does feel funny to see WWJ-TV on channel 62 with CBS! Back in the 70s, I used to see that on channel 4, and it was NBC. Let's hope for a much better 1999 Es

season! Yeah, gimme some high MUFs, and I shouldn't be "shut out" of new Es loggings because I should should someday log KNOP-2 (530), KAUC-6 (620) WIVB-4 (620), CBHFT1-3(1200) what's wrong with this one?, a couple new Canadian 5s, Fredericksburg TX-2 if it ever comes on, KDKA-2 (570), etc. High MUFs often bring in nearer stuff on lower channels! As I write this (August 26, 0140 Central), tropo definitely looks possible, with WDKA 49 KY (258) snowfree, Cape Girardeau LPTV on 45 (225), and Paxnet WPXS (or W40--, or W--- -LP) 40 St. Louis 130, what's this? Co-ID with 13 Mt. Vernon IL. During the recent tropo, we again had our mystery ch 61, carrying WWTO-35 and suspected to be in the St. Louis area. This is a 10-year-old mystery, and nobody has ever solved it, and it's there only during good tropo openings.

Postscript

Continuing Doug Smith's e-mail comments (from my questions in June 98 VUD) about what standards are appropriate for counting TV loggings.

The sound is a further aid to identification, but is it sufficient by itself?

My personal opinion is yes. In fact, DXers have been claiming TV loggings based on audio only for years. This has been especially true with F2 propagation, where most stations aren't using US standards, and video cannot be received on an unmodified TV. In fact, there have been claims of TV loggings based on aural reception of the video carrier. (I'm not sure I'd count a logging like that--but the station was way off frequency and the reporter had confirmed the frequency with radio amateurs living near the transmitter.

The column titles seem to point to the type of station being received, not the type of receiver used to receive it.

(to be continued)

Your editor, monitoring with an R7100 (audio) notes KFTL-64 Stockton (hsh) on channel 24, also KXPR-FM (Capital Public Radio)

NORTHERN FM-DX

GREG CONIGLIO
90 SLATE CREEK DR. APT #3
CHEEKTOWAGA, NEW YORK 14227

e-mail: coniglio@localnet.com

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada
OCTOBER 1998 DEADLINE: The 5th LOG CUTOFF: 4 mos. from postmark

Some additional reports from June & July, as well as the excellent month of August. It seems those at the convention weren't the only ones to cash in on the skip the first week on that month. Other openings were reported well into the month, quite unusually. Preliminary reports in late August and into September suggest quite a few tropo openings, both along the Atlantic coast, and also through the Midwest. Paths from the northeast & southern Ontario opened into the deep South several times. On another occasion, a Toronto area DXers got FM as far west as Nebraska! If you have received DX recently, please send it to your appropriate WTFDA column! Don't forget to do this, even if you have already reported to an Internet group or site! I have extended the log cutoff temporarily to four months to try and encourage more reports from this summer. If you had DX, let's hear from you! Great to see all of you at Olean! ...

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

FROM PROSIT, MINNESOTA (CST) AUGUST 1998 DX

JUNE 1998 DX

28 ES					
2125 WCHY	94.1	GA Savannah	1201		
2130 WVFJ	93.3	GA Manchester, Joy FM	1066		
2130 WVOH	93.5	GA Hazlehurst	1174		
2135 WSFY	98.5	FL Panama City, Sunny			
98.5"			1222		
2140 WQYK	99.5	FL St.Petersburg	1438		
2145 WALR	104.7	GA Athens	1024		
2200 WFSJ	97.9	GA St.Augustine	1340		
2203 WISK	98.7	GA Americus	1114		
2220 WBHK	98.7	AL Warrior	961		
29 ES					
1635 KZBQ	93.7	ID Pocatello, Cat cntry	1011		
1640 KZZL	99.5	WA Pullman	1160		
1645 KCVI	101.5	ID Blackfoot	997		
1650 KCLK	94.1	WA Clarkston +67 kHz	1158		
1700 KP258AE	89.5	OR Wallowa Valley			
KPBX / KFSC ID					

JULY 1998 DX

8 ES					
0923 KVNE	89.5	TX Tyler	1022		
0928 WKZB	93.5	AL Butler, "KZB"	1057		
0930 KLDE	94.5	TX Houston	1200		
0941 WUWF	88.1	FL Pensacola, pledges	1182		
1000 WJSE	88.1	GA Warm Springs	1061		
1014 WLWI	92.3	AL Montgomery	1064		
13 ES					
0900 WMHK	89.7	SC Columbia	1084		
0908 WFSS	91.9	NC Fayetteville	1092		
0956 WWWZ	93.3	SC Summersville	1169		
1100 WFCH	88.5	SC Charleston	1189		

14 TR

1201 W203AL	88.5	MN Duluth (//KEAR)	29		
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31 ES

1649 WTEB	89.3	NC New Bern	1154		
1655 WOGK	93.7	FL Ocala "K Country"	1357		
1730 WJIS	88.1	FL Bradenton, "Joy FM"	1457		

2 TR

1900 WCMP	100.9	MN Pine City, ex 92.1	82		
15 ES					
0850 WMGB	93.7	GA Jeffersonville	1105		
0900 WJSP	88.1	GA Warm Springs	1061		
0910 WVFJ	93.3	GA Manchester "Joy FM"	1066		
0920 WSTR	94.1	GA Smyrna "Star 94"	1001		
1002 WFOS	88.7	VA Chesapeake	1102		
1003 WHOV	88.1	VA Hampton, Spanish	1082		
1007 WKOC	93.7	VA Chesapeake "Coast"	1102		
1012 WFTR	95.3	VA Front Royal	919		
1015 WGAY	99.5	DC Washington	967		
1023 WASH	97.1	DC Washington	967		
1026 WBIG	100.3	DC Washington	967		
1031 WAMU	88.5	DC Washington	967		
1034 WPOC	93.1	MD Baltimore	967		
1038 WHES	99.1	MD Annapolis	985		
1051 WVES	99.3	VA Accomac	1077		
1057 WGMS	103.5	DC Washington	967		
1100 WHRV	89.5	VA Norfolk	1105		

18 ES & TR

1856 KEZG	107.3	NE Lincoln	474		
2200 WNIU	89.5	IL DeKalb WNIU? Note 1	399		
2201 KMSC	88.5	IA Sioux City	362		
2207 KKYA	93.1	SD Yankton, "KK93"	368		
2213 KSUX	105.7	NE Winnebago, k	380		
2230 WWSP	89.9	WI Stevens Point, #346-2696			
2248 KJHK	106.9	IA Rock Valley, new			
Hot Country 107			378		
2248 KIGL	104.9	IA Spencer			



2000 Indian Hills Drive
Sioux City, IA 51104

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NORTHERN FM DX

OCTOBER 1998

John Ebeling's report continues -

AUGUST 19, 1998 ES

2050 KZOR	94.1	NM	Hobbs	1135
2052 KQIZ	93.1	TX	Amarillo	945
2058 KACC	89.7	TX	Alvin	1223
2100 KSTX	89.1	TX	San Antonio	1253
2100 KLMN	89.1	TX	Amarillo	945
2120 KBHT	93.5	TX	Crockett	1094
2123 KTXT	88.1	TX	Lubbock	1047
2131 KJRT?	88.7	TX?	Note 2	

22 TR

0958 WACD	106.1	WI	Antigo	210
1000 WHID	88.1	WI	Green Bay	281

SEPTEMBER 1998 DX

4 TR

2148 WNFM	104.9	WI	Reedsburg	271
2211 KOKZ	105.7	IA	Waterloo "Cool"	311
2236 KLQP	92.1	MN	Madison "Q92"	314
2321 KDDG	105.5	MN	Albany "Big Dog"	133
2333 KKSD	104.3	SD	Milbank "Oldies 104.3"	228

5 TR

0001 KHK	106.9	IA	Rock Valley "Hawk Country 107 FM"	378
0017 KRVN	93.1	NE	Lexington "Lite FM"	557
0021 KSJZ	93.3	ND	Jamestown	281
2138 KIOA	93.3	IA	Des Moines "Oldies 93.3"	378
2154 KKOT	93.5	NE	Columbus "Coyote"	452

KDGO 92.0 FM



NOTE 1: Did this call change to WNIJ? (Yes, 89.5 and 90.5 swapped calls - grc). For some reason, I'm confused. They also had loud, distorted audio (talk) on their 67 kHz SCA.

NOTE 2: This KJRT thing is strange. They are on 88.3 in Amarillo, TX but I heard them on 88.7. They have an e-mail address three times, but I had a fade in various portions of the address. I salvaged what I could and gave it to Bruce Elving to see if he could make contact. I could find no translator listed for them on 88.7.

Also, on June 28, I had a classical station on 107.3 (with the Carolinas in via Es) Any ideas? This has not been a great year for DX, but better than it started out. John Ebeling

LENNY GOLDBERG - 343 E. MAIN STREET - ASHLAND, OREGON 97520

(503) 488-0066. Equipment: Sony XR-6450 car radio. Pacific Time.

APRIL 28, 1998 TR

0844 KZMG	93.1	ID	New Plymouth-Boise	
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MAY 22, 1998 TR

0845 KZEL	96.1	OR	Eugene, simulcast with KNRQ w/special prog. on Springfield murders	
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JUNE 1998 DX

9 ES & TR

2124 KSDR	92.9	SD	Watertown, "country KSDR"	
2029 KCNO	94.5	CA	Alturas, cx	

28 ES

1745 KYEE?	94.3	NM	Alamogordo, city and slogan heard but not ID, prog. rock (alternative)	
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29 ES

1421 KQAY	92.7	NM	Tucumcari, AOR mx	
1408 KRWN	92.9	NM	Farmington, Pure Rock Crown FM	
1055 KSKL	94.5	KS	Scott City, oldies	
1100 MUF	to 102.5	-	opening to Dakotas & Canada.	

42 I picked up some new stations but can't find notes!

DX FROM BLOOMINGTON, MINNESOTA (CST)

JUNE 18, 1998 TR

1828 KLCX	107.7	MN	St. Charles "CD107"	
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JULY 1998 DX

28 TR

1850 KCML	99.9	MN	St. Joseph "Light 99.9"	
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29 ES

1900 KSTX	89.1	TX	San Antonio	1100
1904 XET	94.1	NL	Monterey	1382
1915 KBNL	89.9	TX	Laredo +67 kHz SCA	1245
1917 XHLD0	88.9	NL	Nuevo Laredo	1247
1929 KLEY	94.1	TX	Floresville	1117

AUGUST 4, 1998 ES

0853 KDFX	94.9	TX	Arlington	861
0855 KDCD	92.9	TX	San Angelo "CD cntry"1001	
0857 KRTS	92.1	TX	Seabrook, "K Arts"	1059
0900 KSWP	90.9	TX	Lufkin	936
0900 KTSR	92.1	TX	College Station	

(not moved to new frequency yet) 996

0907 KPLV	93.3	TX	Port Lavaca	1135
0920 KLEY	94.1	TX	Foresville	1117
0930 KSJL	96.1	TX	San Antonio	1100
0931 KRNH	95.1	TX	Comfort "The Ranch"	1071
0943 KROM	92.9	TX	San Antonio	1100
1600 WLCE	92.9	NY	Buffalo "Alice"	731
1611 WMMR	93.3	PA	Philadelphia	988
1614 WYXN	94.7	NY	Deposit	918
1618 WWDB	96.5	PA	Philadelphia	988

SEPTEMBER 26, 1998 TR

1900 K296ER	107.1	MN	Mankato (KJLY 104.5) 57	
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(John, do you mean August 26? grc)

JULY 1998 DX

19 ES

1930 KWEM	92.9	AZ	Tuscon, "Cool 92.9"	
1828 KQOL	94.5	AZ	Phoenix	

20 TR

1925 K265AB	100.9	OR	Florence, // KMGE 94.5	
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28 TR

0900 KAST	92.9	OR	Astoria, "playing more rock and roll hits and less talk"	
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The above is my sum total DX for this season, another poor one like last year. Thanks to Randy Millier phoning me, or I wouldn't have done as well as I did. Due to a plethora of translators, and more coming, there are only 20 "potential" frequencies, most at the high end of the band. Not much fun. (I was in Western Oregon this summer and noticed how many there were! - grc). June 29 was the best day with Es in most of the day, but I wasn't available most of the day. I'm still hoping to find my notes!

NORTHERN FM DX

OCTOBER 1998

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

Equipment: GE Superradio w/110 khz filter, 10 element Jerrold FM antenna in attic

JULY 1998 DX

12 ES

2054 WXCW	95.3	FL	Homosassa Sps, "Citrus 95"	
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14 TR

0830 WOKN	99.5	NY	Southport	
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18 TR

0855 WWSW	94.5	PA	Pittsburgh	
0901 WDSY	107.9	PA	Pittsburgh	

AUGUST 1998 DX

3 TR

0300 WSWF	99.3	NY	Seneca Falls, v/strong	
0721 WRBB	107.5	NY	Endwell	
0730 WAER	88.3	NY	Syracuse	

0805 WODZ	96.1	NY	Rome	
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1822 WTKV	105.5	NY	Oswego	
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1953 WKRL	100.9	NY	N.Syracuse	
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That's all - not much going on.

AUGUST 4 ES

1225 WMAO	90.9	MS	Greenwood	
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6 AU

0720 unID			Auroral Audio	
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6 TR

2115 WEBE	107.9	CT	Westport	
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7 TR

0817 WROG	102.9	MD	Cumberland	
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8 TR

0500 WBAI	99.5	NY	New York, v/strong	
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0530 WAXQ	104.3	NY	New York	
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12 MS

2022 KDAT	104.5	IA	Cedar Rapids	
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"Soft Rock 104.5 KDAT"



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

Equipment: McIntosh MR78 tuner, most for Es, Tandberg 3001A tuner mostly for Tr due to its voltage based signal meter making it much easier to phase set stations. Antenna: No amplification; Channel Master 4408 (Stereo Probe 9) at 8 feet for most Es. Phasing: Andy Bolin's phase box, hooked to pair of 4408's, each at about 45 feet, 30 feet apart. *- this logging would have been impossible without phasing.

SEPTEMBER 1997 DX

24 TR

2125 WODJ	107.3	MI	Greenville *, calls,temp 337	
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2144 WUGN	99.7	MI	Midland, g format	400
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25 TR

0250 WSHI	106.3	IN	Columbia City *, calls after replaying tape, nostalgia format	276
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0712 WJMM	106.3	KY	Versailles *, calls, g	358
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0729 WLKT	104.5	KY	Lexington * The Cat,	369
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OCTOBER 6, 1997 TR

0031 WRSA	96.9	AL	Decatur *, calls	452
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0700 WASK	98.7	IN	Battle Ground, "Cool AM is WASK Lafayette, Cool FM is WASK B.Ground"	201
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0723 unID	96.5	??	Jammin 96.5, from SE (Corydon, IN? - grc)	
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NOVEMBER 12, 1997 GW

1957 WJPL	96.5	IL	Farmington, "Smooth Jazz	
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96.5 is WJPL Farmington / Peoria"	45			
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DECEMBER 28, 1997 ES

2030 FL	to 107.7	(Mt. Dora)	NOTE 1	
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2045 WOSN	97.1	FL	Indian River Shores,	
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"Thank you Sebastian" ... "Ocean 97"	980			
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2111 WYNK	107.9	FL	Cape Coral	1010
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2158 XH	92.3	TA	Rio Bravo, local ads	1088
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FEBRUARY 5, 1998 GW

2306 WRAN	98.3	IL	Tower Hill, "Ran Radio"	
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"voice of Shelby Co.", less pest than WCCQ	90			
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JUNE 1998 DX

19 GW

0530 WSCT	90.5	IL	Springfield, carrying KIHT	
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96.3, complete with ads, instead of WIBI 91.1??				
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0600 W205##	88.9	IL	Springfield?? WYFG ID	
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0605 WTSG	90.1	IL	Carlinville, "Listener supported Christian Radio" ... legal ID	91
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0608 W202##	88.3	??	also carrying WYFG	
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0620 W216##	91.1	??	* AFA from SE, ph/WIBI	
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JUNE 19 CONT

0632 W202AG	88.3	IL	Vandalia, long sought,WIBI temp. and phone#, silent in August, per Andy Bolin. Permanent? NOTE 2	
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0730 WBJW	91.7	IL	Albion, community calendar with addrs of Box 4164, Evansville, 47724 (This is WBGW 101.5's address)	200
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0800 WAPO	90.5	IL	Mount Vernon * "Thanks for listening to WAPO Mt.Vernon 90.5 FM"	
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NOTE 3 175

20 TR

0420 WJMM	106.3	KY	Versailles	358
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0700 KHTW	94.7	MN	Caldeonia *ID with LaCrosse "Soft Rock 94.7 FM"	220
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23 ES

1110 CBF	100.7	PQ	Montréal	
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1115 ???	95.9	PQ	Montréal, Mix 96, 7900-Mix	
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1119 CBF	96.1	PQ	Asbestos	
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WQHR	96.1	ME	Presque Isle, "fighting each other"	
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1135 CJMJ	100.3	ON	Ottawa, The Official Magic 100 hot air balloon promo - confirmed via phone call to station.	831
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1149 CB##	88.9		CBC FF Mono, not listed	
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1150 CJBR1	89.5	PQ	Rivière-du-Loup, //88.9 1165	
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1200 KHQE	90.5	IA	Fairfield, no-nonsense legal ID, (GW)	75
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1209 CIHO	96.3	PQ	St-Hilarion, French, a record customer heard tape mention Charlevoix county and nearby Baie Ste-Paul	1120
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24 ES

1226 WGCO	98.3	GA	Midway, weather from the WTOC (Savannah) wx center, (MUF), Cool FM	
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Frank Merrill's report continues -

JUNE 29, 1998 TR (NOTE 4)

1830 KNOZ 100.1 MO Cameron, Cameron Rotary Club breakfast, wx, NW Missouri temps 195
 1900 KOMC 100.1 MO Kimberling City * George Benson song, into CBS news, paralleled over phone and confirmed they were local, ph/KJMO 280
 2002 uNID 91.3 ?? EGAD!! About 90 seconds of Spanish to the SE, WIUM off certainly cannot ID, am thinking 2Es from Puerto Rico??
 2038 KVIK 104.7 IA Decorah, "this reminder from KVIK and Waukon State Bank", o 205

JUNE 30

0658 WPNT 106.9 WI Brookfield, legal ID "WPNT Brookfield, Milwaukee, Wisconsin U.S.A" WSWT still off!! 223



NOTE 1: (2030, 12/28/97) This truly end-of-year skip just barely prevented 1997 from being a year which produced no noticed FL FM Es whatsoever! Such a situation is nearly incomprehensible, and just about impossible.

NOTE 2: (0608 & 0632, 6/19/98) WNIN Evansville certainly must have been off during this period! They are a powerhouse, and certainly the biggest impediment to hearing this stuff. Furthermore, I think this is the morning that Ralph Strobel (who is also bothered by WNIN, once he phases WCAB-IN) heard Kalamazoo MI there. First time I've known them to be off in years; at 238 miles, they are always audible in dead conditions and WIUS off.

NOTE 3: (0800, 6/19/98) Local translator W213AH (WDLM 89.3) has been off all summer. Otherwise, when I phased WSCT, I probably would have had them, not WAPO.

NOTE 4: (June 29): We had QUITE a storm hit Macomb around 4:20 p.m. that afternoon! There were tornadoes all over western IL that date, and McDonough Co. (here) was under a tornado warning. I was in the Post Office at the time, and they took us into the basement. A historic number of stations were knocked off the air! Stations within 45 miles noted off were: 89.7 translator, 91.3, 92.1, 92.7 (Galesburg), 96.5, 100.1, 101.7 (IA), 102.7, 104.7! (stations within 10 miles underlined.) Farther out, Jacksonville 100.5, Eureka 98.5, Farmer City 98.3, Peoria 93.3, 95.5, 105.7, 106.9. I have never heard so much stuff down before. There was indeed extensive tree damage in Macomb, some roofs damaged, etc., due to 80 to 90 MPH winds. (Glad to hear there was no antenna damage! - grc)

Apparently, the Es seasons are now suffering from severe muscular degeneration. The receptors in the center of the eye's retina deteriorate and a person loses a lot of their straight-ahead vision, while the peripheral vision is still good. Well, this season had most of its really good Es openings (with a good high MUF into FM) at the "periphery" of the season" Weren't June 1 and August 15 the 2 best dates? (It does sound like those two dates will rank high in the end-of-year report! - grc). I think something like May 29 was good this year, and there was FM during the WTFDA convention. I was home almost steadily from June 4 to 28, when I noticed only about 2.5 hours of "new-station producing" FM Es. It seems like 2 of last year's big Es date were in May, and on August 12. The "center" of the season isn't real good, but the peripheral is!

BRUCE ELVING - 241 ANDERSON RD - ESKO, MINNESOTA 55733-9413

FAX (218) 879-7676. E-MAIL: FmAtlas@aol.com

Sept. 4: I received WNCB *89.3 Duluth programming on 91.5. This turned out to be translator W218AW *91.5 Brainerd MN. I stuck around and at 7:56 a.m. CDT heard the legal ID, which also included call numbers of their other translators.

Sept. 5: I was watching 90.9 for possible KUCV Lincoln NE. A Christian station had faded out, which I assume was previously-received KPNO *90.9 Columbus NE, then a public station was coming in. It IDed (along with a list of two others stations) as KHCT Great Bend-Hays KS. I previously had heard by skip KHCD *89.5 Salina-Manhattan, another "Kansas Radio" station, but this was tropo and at a greater distance. In the car I heard WHID *88.1 Green Bay, which has a cp for 17 kw h & v, but which I believe is still on the air with only a horizontal signal. I could hear it in the car but not at home where I am using a yagi antenna designed by Ed Hanlon of CT. Sunday, Sept. 5 a.m. provided fairly good reception into about mid-morning of WBEZ *91.5 and WFMT 98.7 Chicago. Latter frequency often went back and forth between WFMT and KMGO 98.7 Centerville IA.

Sept. 9, 1998: I received KXKK 92.5 Park Rapids MN, with non ID (not strict) of "Hot County KX 92.5." It has stereo, and took phasing to pull it out from the signals of KQRS 92.5 Golden Valley MN and WIRN *92.5 Buhl MN.

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

Equipment: Carver TX-11 tuner; IF filter modified, Pioneer SX 650 receiver. Channel Master model 4408 (Stereo Probe 9) at 69 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-11/u coax feed. New loggings are underlined.

JULY 1998 DX

19 Groundwave & tropo
 0259 WJNG 100.5 PA Johnsonberg, ID,
 /WMMKX 105.5 "Mega-rock", r\$ 44

0900 WKLM 95.3 OH Millersburg, ID, r\$ 204

AUGUST 1998 DX

1 tropo
 0931 CFFF 92.7 ON Peterborough,
 "Trent radio", p\$ 160

4 e-skip
 1745 KIQK 104.1 SD Rapid City, "Kick-104"
 k\$, over WHTT Buffalo 1254

1759 KMLO 100.7 SD Lowry, Call, k\$ 1094

1806 KCAD 99.1 ND Dickenson, call, k\$ 1237

1819 KQDY 94.5 ND Bismarck, "KQ-country"
 k\$, over WNED Buffalo 1142

2045 KEXL 106.7 NE Norfolk, call, r\$ 984

2048 KTCH 104.9 NE Wayne, call, k\$ 950

2052 WNAX 104.1 SD Yankton, call+"oldies-104"
 , o\$, over WHTT Buffalo 947

5 tropo
 0644 WKHI 107.5 VA Exmore,
 "107.5-KHI", r\$ 332

9 e-skip
 1200 WMAU 88.9 MS Bude, ID, c\$ 999

1320 KTXQ 102.1 TX Fort Worth, call+"Q-102"
 over WOWQ Dubois PA 1203

1326 KSCS 96.3 TX Fort Worth, call, k\$ 1202

1332 KRBV 100.3 TX Dallas, "V-100", s\$ 1202

1335 KOAI 107.5 TX Fort Worth,
 "The Oasis", j\$ 1202



1347 KVNE 89.5 TX Tyler, call, gr\$ 1125

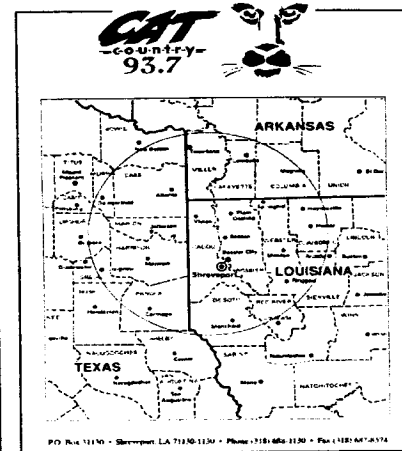
1351 KEOM 88.5 TX Mesquite, call, o\$ 1179

1404 KETR 88.9 TX Commerce, call, o\$ 1127

1416 KITT 93.7 LA Shreveport, "Kat-country"

AUGUST 9th e-skip continued

k\$, over WBLK Depew 1062



1435 KHPA 104.9 AR Hope, call, k\$ 996
 1440 KMJJ 99.7 LA Shreveport, call, s\$ 1059



15 e-skip
 1228 KLRQ 96.1 MO Clinton, "Q-97-FM"+
 call, rp\$, over WJYE Buffalo 828

16 tropo
 1151 CKCB 95.1 ON Collingwood, "The Peak
 FM"serving the Georgian tri-
 angle we're FM 95.1...The Peak...
 rm\$ 192

Thanks to everyone who made the 1998 WTFDA Convention at Rock City, NY. Still no long haul tropo yet but there has been some good late season skip.
 Dave



WORLDWIDE TV-FM DX ASSOCIATION
 SERVING THE VHF-UHF DX ENTHUSIAST

NORTHERN FM DX

OCTOBER 1998

SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5

(416) 364-0725, e-mail: schernos@torfree.net

June 21 MS (Burnt River)

0930 WQI 90.1 IA Ames

June 22 Es (BR)

1215 to 1429 MUF 94.7

June 23 Es (BR)

1205 KSOU 93.9 IA Sioux Centre
1215 KILI 90.1 SD Porcupine Native Indian stn
1230 K222AE 92.3 MN Springfield KJLY ID, g
1242 KCHE 92.1 IA Cherokee
1300 KUSD 89.7 SD Vermillion
1306 KMNE 90.3 NE Bassett BBC world news

June 26 Es (BR)

2048 CBTL 90.1 NF Millertown CBC Radio One, English

2049 CHOZ 94.7 NF St. John's "Oz-FM" rp

2049 CIOZ 96.3 NF Marystown "Oz-FM" rp

2050 CBNM 90.3 NF Marystown // 90.1

2058 CBAF-15 88.1 PE Charlottetown CBC French // 860-CJBC

June 28 Tr (Toronto)

0822 CHQI 90.7 ON Niagara On The Lake TIS

June 28 Es (Toronto)

1122 KQLO 100.3 AR Jacksonville "Q-100"

1130 KBFC 93.5 AR Forrest City

1132 KIPR 92.3 AR Pine Bluff "Power 92 the ppl's stn"

1134 KOYN 93.9 TX Paris k

1144 KYGL 106.3 AR Texarkana "www.kygl.com"

1145 KWEN 95.5 OK Tulsa "K-95.5" k

1200 KUAR 89.1 AR Little Rock

1203 KKIX 103.9 AR Fayetteville

1204 KKTZ 107.5 AR Mountain Home

1210 KSPQ 93.9 MO West Plains "Q-94 Your Country"

1214 KTTIS 94.7 MO Springfield

1218 KRZK 106.3 MO Branson "Hometown Radio KRZK"

1221 unID 100.3 "Oldies 100"

1223 KQSP 105.1 MO Willard "Oldies 105.1"

1225 KLOZ 92.7 MO Eldon "Z-93"

1227 KHIT 106.9 OK Muskogee "K-Hits"

1228 KQSR 94.7 OK Oklahoma City "The new 94.7 KQSR"

1229 KITO 96.1 OK Vinita Nascar Country

1230 KREK 104.9 OK Bristow Creek

June 30 Tr (Toronto)

2350 WNTQ 93.1 NY Syracuse "93-Q"

2350 WVOA 105.1 NY Syracuse SS g

1215 WORD101.5 PA Pittsburgh g (now at Bluffs)

1220 W238AB95.5 NY Rochester // WNRV 95.1

1227 WBZZ 93.7 PA Pittsburgh "B-94"

1229 WRRK 96.9 PA Braddock "Channel 97"

1233 WTKW 99.5 NY Bridgeport // 105.5 WTKV r

1242 WMJI 105.7 OH Cleveland oldies, "One Magic memory after another"



July 2 Tr (Toronto)

2150 CBLA2 89.1 ON Paris CBC Radio 1 testing, \$

July 5 Tr (BR)

0820 CBLA2 89.1 IN Paris CBC Radio One testing

July 6 Tr (BR)

1329 WPHD 94.7 PA Tioga "95 The Met" r

July 15 Tr (Toronto)

0030 WRDR 104.9 NJ Egg Harbor City big band mx

0031 W238AB95.5 NY Rochester "Modern Rock 95-1 95-5"

0104 WJJZ 106.1 PA Philadelphia "Smooth Jazz"

0226 WZLE 104.9 OH Lorain gs

0230 CBCU 89.9 ON Chapeau CBC Radio One

0503 WORD101.5 PA Pittsburgh g

July 17 Tr (Toronto)

1605 CIEX 106.3 ON Toronto Molson Indy station

July 19 Es (BR)

1952 CBGA-10 89.3 PQ Gaspé CBC FF // 860 CJBC

July 20 Tr (BR)

0547 WBCM 93.5 MI Boyne City "WTCM" ID

0552 CKNX1104.9 ON Meaford //101.7 "FM-102" r

0600 CKWR 98.5 ON Waterloo g then b

0610 WGRY 100.3 MI Grayling "Y-100"

0625 CHRY 105.5 ON Toronto rap

0630 WXYA 96.7 MI Rogers City NPR

July 31 Es (Rock City NY for WTFDA Convention)

1600 WAOY 91.7 MS Saucier g

1622 KXKC 99.1 LA New Iberia

1625 WAKH 105.7 MS Macomb "K-106"

1642 WJDX 96.3 MS Jackson

1647 WJSU 88.5 MS Jackson

1700 KETR 88.9 TX Commerce "The Mint"

1702 KTFA 92.5 TX Groves

1753 KZBB 97.9 OK Poteau

1847 KEOM 88.5 TX Mesquite

1850 KUT 90.5 TX Austin

1930 WKNN 99.1 MS Pascagoula

1938 KCIL 107.5 LA Houma

1944 WCPR 97.9 MS D'Iberville

1950 KBHT 93.5 TX Crockett

2001 KVRT 90.7 TX Victoria

Aug 3 Es (Toronto)

2301 KRPS 89.9 KS Pittsburg

2324 KNID 96.9 OK Enid

Aug 5 Es (BR)

1745 KILI 90.1 SD Porcupine

1815 KNEB 94.1 NE Scottsbluff

1816 KWYR 93.7 SD Winner

1816 KBRK 93.7 SD Brookings "B-93.7"

1818 unID 93.9 "Oldies 93-9"

1822 KDLO 96.9 SD Watertown k

1825 KKMK 93.9 SD Rapid City

1855 KFXX 100.3 SD Rapid City "The Fox" rp

1857 KKRY 92.5 MT Miles City "Hot k 92.5 FM"

1900 KDPR 89.9 ND Dickinson Prairie Public R.

1900 KCND 90.5 ND Bismarck Prairie Public Radio

1905 unID 91.7 "Oklahoma News"

1918 KIKC 101.3 MT Forsyth k Rosebud County

1919 KGWY 100.7 WY Gillette "FM 100.7 The Fox" k

1924 KAML 96.9 WY Gillette

1934 KLGJ 92.9 WY Buffalo

1830 KBKE 89.3 SD Rapid City

1846 KSDN 94.1 SD Aberdeen

NORTHERN FM DX

OCTOBER 1998

Aug 6 MS (BR)

1300 unID 94.7 "real country...real country"

Aug 11 Tr (WLCE 92.9 Buffalo NY off)

0340 CIZN 92.9 ON Cambridge "The New Zone" pr

0422 WKBN 98.9 OH Youngstown "The New Mix 98.9"

0444 WHUG101.9 NY Jamestown After Midnight k

Aug 14 Tr (Toronto)

0749 WRVE 91.7 NY Watertown WRVO ID

0800 WZLE 104.9 OH Lorain g

0815 CKMF 94.3 PQ Montreal pr FF \$

0822 CJFM 95.9 PQ Montreal EE

0830 WTOJ 103.1 NY Carthage "Magic" into CNN Radio News

0833 CKOI 96.9 PQ Verdun FF pr "C'est Quoi"

0843 WLTF 106.5 OH Cleveland

0848 WQAL 104.1 OH Cleveland "Q-104"

Aug 20 Tr (Toronto)

0830 WMBI 90.1 IL Chicago g

0839 CBON-21 104.9 ON Gogama CBC mono FF

0840 WWKN104.9 MI Marshall "Keener" r

0856 WYLL 106.7 IL Des Plaines g

0912 WMUS106.9 MI Muskegon

0918 WSHZ 107.9 MI Muskegon "Z-108" r

0929 CHYR 96.7 ON Leamington k

0936 WTTF 103.7 OH Tiffin

0943 WRQN 93.5 OH Bowling Green

1039 WODJ 107.3 MI Greenville "ODJ"

1044 WRVF 101.5 OH Toledo

1047 WZOC 94.3 IN Plymouth "Oldies 94.3" o

1052 KXOK 97.1 MO Florissant "Mix 97.1"

(1st MO Tr) (nice catch! -grc)

A handful of decent Es openings this summer. My favourite was the one to MT, which is rarely heard here, and never before with such abundance. August proved for many an excellent Tropo month. The Tr to St. Louis MO was a first for Toronto. I'd never had MO here by Tr (though I have logged St. Louis by Tr at my Burnt River DX site). The Tr London ON and other area DXers had from Aug 21-24, when FM catches were reported to TN, VA and WV and WI, never made it to Toronto. We were having rain instead, while they had no rain! Could have used a little Woodstock-era chanting!

BILL NOLLMAN - 24A-1 LAKESHORE DRIVE - FARMINGTON, CONNECTICUT 06032

(860) 676-8729, wnn@snet.net, Equipment: Carver TX-11A & rabbit ears.

August 15 E-skip

1005 96.9 WDDJ KY Paducah, Electric 96/9

1006 92.9 KMAL MO Malden

1009 93.5 WMMG KY Brandenburg

Trade-io (swap shop)

1017 98.9 KTMO MO Kennett

1025 107.9 KFIN AR Jonesboro

cmml/Kroger & Jonesboro Sun

1028 106.5 unID ?? ?? Country 106.5 (no duh!)

1031 107.5 KKTZ AR Mountain Home

1036 106.1 KFFB AR Fairfield Bay

1038 106.3 KRLW AR Walnut Ridge

football promo & Trade-io

1040 95.5 unID ?? ?? Classics

95.5 (Bill, this is KJEZ - grc)

1050 103.5 WASE KY Raddiff old 70's jingle - super!!!

1053 101.9 KIYS AR Jonesboro

All hit 101.9 Kiss FM (doing Rick Dees T40)

1056 103.1 WGBF KY Henderson

1100 103.3 KWOZ AR Mountain Home

Arkansas 103

Aug 20 Tr cont

1101 WFBQ 94.7 IN Indianapolis

1105 WKLO 94.5 MI Holland "The New KLQ"

1106 WBCT 93.7 MI Grand Rapids "B-93" k

1110 WYBA 106.3 IL Lansing

1114 WRKR 107.7 MI Portage "RKR" r

1115 WVAZ 102.7 IL Oak Park "V-103"

1128 WNVN 98.5 MI Coldwater "Win 98.5" k

1131 WOJO 105.1 IL Evanston SS

1133 WCRZ 107.9 MI Flint "Cars 108"

1141 WWGZ103.1 MI Lapeer "Wings 103"

1202 unID 92.3 "Auto Talk" show

1209 WQBX 104.9 MI Alma

1220 WOOD105.7 MI Grand Rapids

1223 WPOS 102.3 OH Holland g

1231 WQOI 104.7 OH Toledo "104-7-IOT"

1233 KWMMU 90.7 MO St. Louis (prev Es)

1250 WIL 92.3 MO St. Louis k "92-WIL"

1258 WBNI 89.1 IN Fort Wayne j

Aug 21 Tr (Toronto)

0004 WMXQ101.5 NY Olean "The Best Mix" r

0008 WCik 103.1 NY Bath g



1101 98.9 WHKW KY Salem/Louisville Ctry 98/9

The Hawk

1101 88.3 WNIN IN Evansville

1105 100.1 WFLQ IN French Lick

Q100 - fishing reports!

1111 105.3 KZNN MO Rolla The Super Station

1114 98.5 KTJJ MO St. Joseph

Super Radio J98

1118 99.7 WDJX KY Louisville DJX

1119 97.1 KNIM MO Maryville

1124 96.1 WSTO KY Owensboro 96STO

1126 94.5 KKLK MO Poplar Bluff

Best Ctry Clear 94, KKLK

1133 105.3 WYNG IN Evansville

1135 103.1 KDMG IA Burlington



Bill Nollman's report continues -

Aug 15 Es cont.

- 1139 102.5 KEZK MO St. Louis
- 1141 101.5 WCIL IL Carbondale
- 1144 99.9 unID ?? ?? new ctry C100 (Kty ??)
- 1145 99.5 unID ?? ?? 99Q (WQCY or WKDQ???) (WQCY-grc)
- 1145 99.5 WZPL IN Greenfld/Indpls
99 1/2 ZPL
- 1148 99.9 WTHI IN Terre Haute Hi-99
- 1153 107.5 WZZQ IN Terre Haute ZZQ
- 1158 96.9 WZBK MO Brookfield (?? nonID = "ZB" ??)
- 1201 92.1 WNKK IL Carthage Wink FM
- 1203 98.7 WNNS IL Springfield Literock 99
- 1205 94.1 KPCR MO Bowling Green

Aug 15 Es cont.

- 1209 95.5 KAAN MO Bethany Regional Radio
Kaan MONO
- 1210 95.5 WGLO IL Perkin 95/5 GLO
- 1225 105.7 WWCT IL Peoria Rock 106
- 1228 107.9 KLTE MO Kirksville
- 1233 106.3 KXOF IA Bloomfield
- 1239 107.3 KGRS IA Burlington
- 1245 104.3 KRKN IA Eldon
New Ctry 104.3 KRKN
- 1248 103.1 unID ?? ?? Country 103.
- 1251 102.7 WJEQ IL MaComb Classic 103
- 1252 105.1 KKJO MO St. Joseph K-Jo 105
- 1255 102.3 WTAZ IL Morton
News/Talk 102.3 WTAZ
- 1258 98.7 KMGO IA Centerville 99 Country
- 1258 100.1 KNOZ MO Cameron promo for
KMRN (sister or call chg?)
- 1302 94.5 KRXL MO Kirksville 94.5 The X
- 1308 94.9 KGGO IA Des Moines
- 1310 94.9 unID ?? ??
FM95, the country station



Location: as bad as it gets anywhere! In a valley, 2 miles, line of sight to 3-50kw FM's, in a brick apartment. Normal Reception Conditions. Anything beyond 75 miles doesn't exist due to the surrounding hills, and white noise from the locals, all over the band on the TX-11A. The only bonus... The lack of semilocals due to blockage improves e-skip, when it can get over the local overload...

I think this opening could very likely be the best e-skip I have ever seen in 16 years of FM DXing! The signals were strong and steady. When there were fades, there was one. sometimes two other stations popping up just as strong. The other incredible thing was the super short distances to Kentucky and Indiana and at the beginning, the reception of Arkansas (2 clouds probably, although the distances are right for very short double hop!) I have to check, but I think I heard more KTY and IND stations in this one opening than I have heard in all 16 years DXing in CT. The last bit of stunning luck was my wives reaction when I cranked up the volume on the amp at about 10am Saturday morning... "bye, I'm going shopping. Be back in a few hours"... YES!, I was actually home, and had no other plans...Wow!, this reminds me of my first DX opening, which was called by some one of the best of all time, June 7, 1982. In that opening I was using a Llyods AM/FM/8 Track/Turntable piece of garbage, with a CB antenna! Heard tons from OK and IND, KS, Iowa. Even got myself interviewed on KRNA - Iowa City, IA (thank goodness I had a cassette recorder to capture the moment - I don't think Mom had a clue where I was calling until she got the phone bill!). One other thing I'd like to comment on. If you are not using the internet to ID stations you are missing out on a HUGE and valuable resource. Man, do I wish I had the info at my fingertips that we have now, all the years I've been DX'ing. I'd probably have had 100 more ID's. Example #1: There was some weak e-skip Friday evening July 31, 1998. On 93.5 I had 2 stations fighting it out, both with reggae music. One VERY loud and overmodulated and one very soft. I eventually figured the loud one was Power 93/5 on the west coast of Florida. During a song on the soft one, the DJ came on and announced that "the photographer driving from Marsh Harbor to Sandy Point, please get to a phone ASAP". In the old days, the best I could do to ID this would be pull out maps of any coastal US areas, or Islands and make some wild guesses. Instead, I fired up the computer and did a search for "Sandy Point" and "Marsh Harbor". Wammo! Up comes the Island of Abaco in the Bahamas. Step 2... I got onto the Island of Abacos web site and left a message in a chat list, asking if anyone knew of a station on 93.5, possibly called Radio Abaco. (I thought I had heard this earlier). I got 2 emails back within a week, not only confirming Radio Abaco on 93.5, but even giving me their web address. Example #2: During the August 15th opening, I heard a commercial for Fitness World, and to call 476-7160. Before the Internet, pretty useless without an area code, or a few hours to kill with phone books. Now, I log onto www.switchboard.com, click on find a business, enter just "Fitness World", and back comes a list of 30+ locations all over the country. Scroll down the list, and looky there, 476-7160 in Evansville, IND. That's good enough for an ID in my book, log me WGBF 103.1 in Henderson, KTY (Evansville market). That's all from here. Here's hoping for a house in a better DX spot by next year, or sooner! Bill

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11 and Sherwood S-7250 rx, (both IF modified), Probe 9 at 30 feet with rotor, Bolin Phase Box with phase antenna. New are underlined.

AUGUST 1998 DX

- 8 Tr**
- 820 WRJT 103.1 VT Royalston The Point
- 2353 WQSR 105.7 MD Cantonsville
- 2357 WGM 103.5 DC Washington classical
- 9 Tr**
- 0000 WBIG 100.3 DC Washington Oldies 100
- 0007 WHUR 96.3 DC Washington
- 0021 WFSI 107.9 MD Annapolis g
- 15Es**
- 1011 WMXL 94.5 KY Lexington mix 94.5
- 1022 WASE 103.5 KY Raddcliffe Kool 103.5
- 1046 KMIS 106.5 MO New Madrid
- 1056 WKWX 93.5 TN Savannah k
- 1059 WDEF 92.3 TN Chattanooga
- 1112 KJMK 93.9 MO Webb City
- 1118 WTRI 94.9 IL Mt. Carmel Tri-95
- 1123 KJEZ 95.5 MO Poplar Bluff Classics 95.5
- 1135 WDJX 99.7 KY Louisville
- 1137 WSTO 96.1 KY Owensboro 96-STO
- 1142 WKYQ 93.3 KY Paducah
- 1145 WSEI 92.9 IL Olney Power 93
- 1147 KZBK 96.9 MO Brookfield
- 1154 KUDL 98.1 MO Kansas City
- 1201 KBBQ 104.3 MO Kansas City
- 1204 KCMO 94.9 MO Kansas City oldies
- 1215 KCFX 101.1 MO Harrisonville The Fox
- 1221 KMZU 100.7 MO Carrolton
- 1224 WXCL 104.9 IL Pekin
- 1228 KLTE 107.9 MO Kirksville
- 1233 KKJO 105.1 MO St. Joseph
- 1234 WWCT 105.7 IL Peoria Rock 106
- 1245 KRKN 104.3 IA Eldon

AUG 15 Tr

- 2126 WAFX 106.9 VA Suffolk "The Fox, WCCC phased"
- 29 Tr**
- 0740 WODZ 96.1 NY Rome Oldies 96
- 0835 WQCB 106.5 ME Brewer
- SEPTEMBER 1998**
- 14 Tr**
- 2146 WYND 97.1 NC Hatteras The Wind
- 2148 WRFS 105.7 NC Columbia k
- 2235 WCMS 100.5 VA Norfolk WRCH phased out
Also most Norfolk fair-good
- 17 Tr**
- 2243 WMJQ 102.5 NY Buffalo Q After Dark
- 2310 WSJZ 92.9 NY Buffalo Alice
- 2338 CIMJ 106.1 ON Guelph Magic FM
- 2346 CHUM 104.5 ON Toronto rock Chum-FM
- 2353 CHRE 105.7 ON St. Catharines Lite-105.7
- 18 Tr**
- 0027 WQNY 103.7 NY Ithaca Q-Country
- 0658 CHTZ 97.7 ON St. Catharines rock
- 0703 CKGE 94.9 ON Oshawa
over WKLL w/news



JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

Equipment: Dodge Caravan Radio, VW whip., (716) 461-2717, JimRenfrew@Delphi.com

SEP 18 1998 Trops to MI / ON / OH

- 0845 88.7 CIMX ON Windsor - powerful signal, no sign of WBFO!
- 0847 88.5 CKDX ON Newmarket - unusually strong, usually only heard at Lake if at all
- 0850 96.3 CFMX-1 ON Toronto - // 103.1, not often heard here
- 0858 101.1 CIQB ON Barrie - "B-101" slogan, Barrie ads
- 0904 89.9 CBE ON Windsor - CBC Radio 2 Windsor ID
- 0914 93.9 CIDR ON Windsor - "The River, Quality Rock, Real Variety" slogan
- 0928 104.3 WOMC MI Detroit - local ads, Big Al (DJ), "Oldies 104.3" and WOMC ID.
- 0944 101.9 WDET MI Detroit - NPR Morning Edition, ID, local promos, weather, traffic
- 0959 97.1 WKRK MI Detroit - H. Stern, "Extreme Radio" slogan, local ads
- 1006 90.9 WDTR MI Detroit - talk show about Detroit school PTA.
- 1007 92.3 WMXDM MI Detroit - "Mix 92.3" slogan, local concert promo at 1023
- 1014 95.5 WKQI MI Detroit - "Q 95.5" slogan, Susan Cruzin DJ

- 1018 94.7 WCSX MI Birmingham - "Classic Rock Block on WCSX"
- 1029 101.1 WRIF MI Detroit - local ads, WRIF ID.
- 1049 95.7 CFJB ON Barrie - local ads
- 1051 99.3 CJBC-4 ON London - no other London area stations heard!
- 1053 100.3 WNIC MI Dearborn - "Soft Rock Favorites ... WNIC"
- 1102 100.9 WBNO OH Bryan - ABC news, "more rock favorites on WBNO-FM".

Thanks to Larry Herit for tipping me off on this opening. Larry suspects he may have heard WI on channel 36. CIMX was blasting in as I drove out of the city heading for Mendon Ponds Park. I had heard this once before, but with WBFO off. This was the most site-specific tropo duct that I've ever experienced, along with general enhancement across the lake to Ontario. The final logging, WBNO, was a last gasp as the enhancement suddenly dropped. It is my furthest tropo ducting at 374 miles, 40 miles further than WFLS 93.3 Fredericksburg VA, and with far less power (6 kW). The map shows that WBNO is dead center on a line from Rochester across the length of Lake Erie, but nothing from Toledo was heard at all.

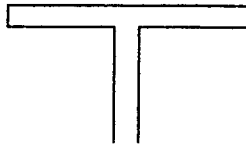
"FM ANTENNAS 101"

by David Mann, David Mann Audio

FM, just like TV, requires a good antenna. The same physical phenomenon, multipath, that causes ghosts in TV reception, also affects FM. Unfortunately, there is no substitute for a good outdoor antenna. In many areas a short piece of wire is often sufficient. If this is true for you, consider yourself lucky. Below we discuss various antenna possibilities from least effective to most effective.

There are dozens of small, clever looking indoor "miracle" antennas on the market. We cannot recommend any of them. None of the truly effective antennas we know of are small or physically attractive. One way or another each of these "miracle" antennas promises more than the physics of the situation allows. If you should try one of these devices be sure to secure a money back trial arrangement. Over the years we've tried selling a few of these devices (against our better judgement) and more than 70% of our customers asked for their money back.

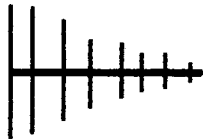
A short piece of wire or a "T" shaped wire (called a Folded Dipole) is usually supplied with the unit. The length of the wire or the top of the "T" is about 48 inches. (Ideal antenna dimensions are determined by the speed of light and the frequency of the station.) The main deficiency of the simple antenna in urban areas is non-directionality. To minimize multipath, we need a very directional antenna. In rural areas, while directionality is not an issue, signal efficiency is. The simple antennas do not pick up enough signal to be useful.



The common "Rabbit Ears" antenna is effective in many situations. There is no practical difference between a TV or FM Rabbit Ears antenna. If you purchase a Rabbit Ears antenna, look for the "deluxe" version with a multi-position switch in the base. This switch is useful in combatting multipath. Avoid the "super deluxe" versions that may require power or batteries, or those equipped with parabolic dishes and similar glitz. These features only enhance the price and offer no possible benefit. Although theoretically similar, there is a practical difference between the Folded Dipole and the Rabbit Ears. The more rigid Rabbit Ears will stay in position when (and if!) you find the "magic spot" that gives clear reception. In theory, the long axis of a Folded Dipole or Rabbit Ears should be parallel to the ground and perpendicular to the line drawn between your location and the transmitter. In practice, other orientations usually result in clearer reception.



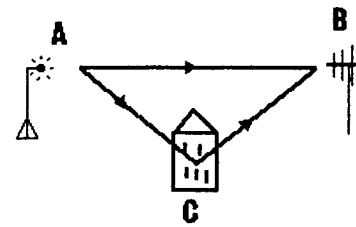
An outside multi-element, "yagi" type of antenna comes closest to a "sure bet." The diagonal dimension of a good FM antenna is about 120 inches. We also recommend installing a rotor because these antennas are very directional. While most users don't use the rotor often, a modest initial expense that saves multiple trips to the roof for adjustments makes sense to us. Use coaxial lead-in cable, and install lightning protection. Most of the do-it-yourself antenna installation books were written in the 1950's and will tout the advantages of the flat "twinlead" wire. It is virtually impossible to install twinlead properly. Any potential advantage disappears while twinlead is wet. Modern coax is much improved compared to the crude 1950's variety. Please use common sense when installing an outside antenna. Poor installations can cause structural damage to your home. Occasionally, we read about someone who is seriously injured while installing an outside antenna.



Although a large outside antenna is certainly the best choice and usually successful, there are some areas, particularly in downtown urban areas or deep fringe rural areas, where no antenna will prove completely satisfactory. There is always an element of chance. Big budget commercial antenna contractors will usually perform a "site survey" which involves erecting a trial antenna at the proposed site and taking some measurements. If the site survey proves unsatisfactory, a different site will be used. Site surveys are not practical for the home owner because the expense of the site survey is usually more than the home owner is willing to commit for the entire antenna installation. Also, home owners are not usually willing to relocate if the site survey is unfavorable.

50

"Multipath" is a phenomenon that, to a degree, affects all radio communications. Radio frequency energy travels through space at the speed of light. The figure shows a common radio communications situation.



The line A-B represents energy traveling straight from the transmitter A to the FM receiver B. Unfortunately, energy bouncing off building C, is causing a problem. Some of the energy travels the line A-C-B to the receiver. Since all of the energy travels at the speed of light, the energy traveling along A-C-B takes longer to arrive because the path length is longer. Hence the name "multipath". Multipath can be caused by a variety of sources including: buildings, mountains, bridges, tall towers, passing airplanes

or clouds, and windmills.

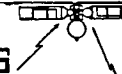
On a TV set this late arriving energy will cause a distinct picture (Ghost image) offset to the right of the direct picture. Knowing a few details about how TV pictures are transmitted and the speed of light, one can measure the image displacement with a ruler on the face of a TV set and calculate the path difference between A-C-B and A-B. For FM reception, the late arriving signal is not late enough to be perceived as an echo, but the recovery of FM Stereo information is disrupted and listening to the station can be an unpleasant experience.

The tuner's plight under a barrage of multipath is similar to your own while trying to understand voice announcements in a large transportation terminal filled with echos.

Certain FM tuners perform better under severe multipath conditions. The relevant tuner specification is "capture ratio". A fortunate characteristic of FM technology is its ability to ignore a weak station arriving at the tuner on the same channel as a strong station. The stronger station is said to "capture" the tuner. A lower capture ratio usually results in better immunity to multipath problems. A very low capture ratio implies that the weaker station could be almost as strong, yet be rejected by the tuner. "Better", however, is not always satisfactory. One should not expect the multipath information to behave nicely and always arrive below the capture threshold.

Your best ally for preventing multipath distortion is a highly directional antenna. If the antenna does not respond to the off axis signal, multipath distortion cannot occur. Unfortunately, directional antennas at FM broadcasting frequencies, come in one size -- large. Unless the diagonal dimension of the antenna is approximately 120 inches, it will not be very effective for eliminating multipath.

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The DMX Music Service on this satellite has undergone many changes..	
830 - Urban Adult Contemporary	844 - Country
831 - Rap	845 - Soft Hits
832 - Classic Jazz	846 - World Beat
833 - Blues	847 - Acid Jazz
834 - Gospel	848 - Continuous Instrumentals
835 - Childrens	849 - Lite Jazz
836 - Coffee House Rock	850 - New Age
837 - Dance	851 - Symphonic
838 - Trends	852 - Great Singers
839 - Rock	853 - 50's Golden Oldies
840 - Classic Hit Blend	854 - Reggae
841 - 80's Hits	860 - Latin Contemporary
842 - 70's Hits	861 - Rock en Espanol
843 - R&B/Rap Hits	862 - Salsa
	863 - Latin Dance
	864 - Tejano
	865 - Regional Mexican
	866 - Latin Jazz
	867 - Cumbia (Andean/Colombian)

Telstar 402
 delete ALL South Carolina ETV Feeds
 640 - 643 remain Georgia Educational Public Television
 GE Americom 3 - delete all PBS feeds on KU except 600
 likewise on GE 1 - all except the X-Feed on 600
 That's all for now - see you in 30 - Good DX and '73's

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