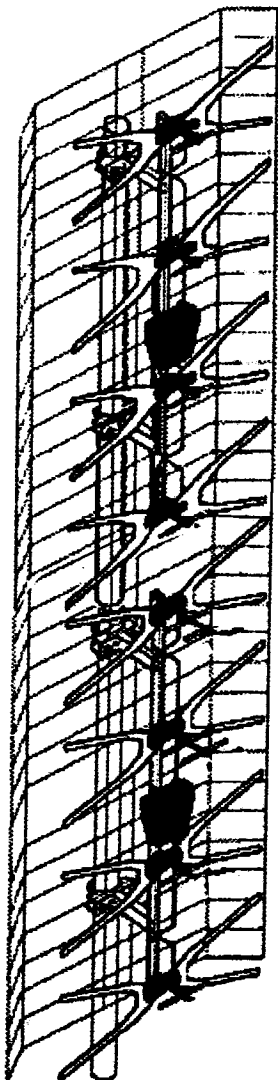


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1999



TROPO DX HEATS UP!



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



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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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FROM THE STAFF returns next month

(This issue, a special report on our NW Jersey convention)

1999 WTFDA CONVENTION REPORT (Greg Coniglio)

This year's convention featured a variety of special highlights: the rural scenery of Northwestern New Jersey, great Tropo and Tropo scatter as a result of the rural high location, seeing many old and new faces, and best of all, the great hospitality (and food!) at the Rick and Donna Shaftan's residence.

The convention began Friday evening, with a several DXers arriving at Rick's early to check out the DX possibilities. They were treated to strong tropo scatter in every direction, because of Rick's high location (XXXX' ASL) in Northwest Jersey and great antenna setup. On FM, we were able to pull in WHOM 94.9 Mt. Washington, NH from the NE, as far as WMJQ 102.5 Buffalo and CFMX 103.1 Cobourg, ON from the NW, and various Norfolk, VA stations from the SW. On TV, stations from similar distances were noted (including channels 19 & 25 from Toronto, for example). Friday also featured some E-skip, up to Channel 3, and some decent tropo to the Eastern Shore of Maryland, and Virginia Beach. This Tropo was also noted by some en route to the site, from as far inland as Scranton, Pennsylvania. When the attendees weren't busy DXing, they were enjoying great burgers and steaks from the "Shaftan Grill"! With no major DX this evening, most of the group retired fairly early (just after midnight), to the Days Inn hotel of Ledgewood, just off I-80. It was "Rock and Roll Karaoke" night at the hotel, but, thankfully, a spot-check of the lounge did not reveal any WTFDA participation, hi!

Saturday will be remembered for its heat. Forecast highs were around 100, with high humidity, for Metro New York. Rick recorded a high of 99 during the afternoon at the DX shack. Luckily, Rick had plenty of drinks, along with a garden hose and pool, to keep people refreshed and cool! The tropo-scatter continued throughout the day, as did the burgers and steaks! Most just hung around Rick's patio, visiting with fellow WTFDA members, DXing, and having more great food. Other DXers and their families chose to cool off in nearby Lake Mohawk (a public lake just down the road), while others took this afternoon to tour sights around New York City (Statue of Liberty, Ellis Island, Central Park, etc.). Saturday night featured a great dinner, with more burgers and steaks, along with other delicious food and drink! The group called it a night around 1am, when a heavy downpour from a small thunderstorm passed over Sparta.

The fun weekend continued into Sunday. More delicious burgers and steaks (Noticing a pattern? If we have a contest for "best fed WTFDA convention", 1999-New Jersey is certainly in contention. Great job Rick & Donna!). The attendees spent the morning DXing further, and trading bumper stickers, airchecks, and other souvenirs. Most left by 1pm, since many had to return to work Monday morning. The format of this year's convention was extremely informal, allowing people to spend a good portion of the time DXing, visiting old friends, and making new ones. The WTFDA would like to thank the Shaftans for a great weekend, and for making the last convention of the millennium a memorable one!

SPECIAL REPORT – 1999 WTFDA CONVENTION (SPARTA, NEW JERSEY)



The Shaftan's patio and backyard, where WTFDAers spent the weekend DXing visiting and most importantly, eating!



From the left: Joe Gragg, Bob Smolarek, George Greene, Rick Shaftan (convention host), Bill Burrows, Bob Seaman, Bruce Hall

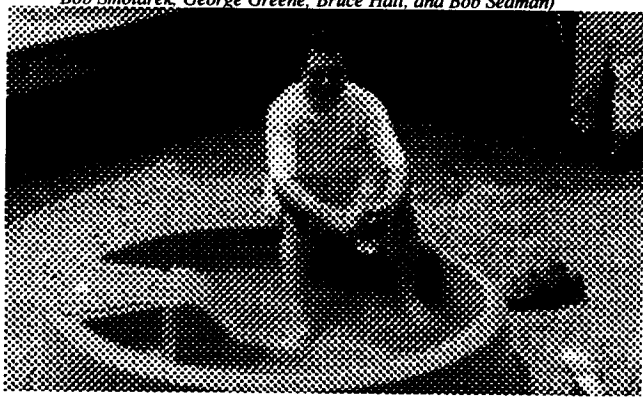


*Left: A look at Rick's top-of-the-line antenna setup
Right: DXers enjoying Saturday afternoon, and keeping an eye on the grill!*

SPECIAL REPORT – 1999 WTFDA CONVENTION (SPARTA, NEW JERSEY)



Several WTFDAers at the picnic table in the Shaftan's yard, discussing this year's great skip openings, and enjoying great food! (From the left counterclockwise around the table: Tom Bryant, Bob Smolarek, George Greene, Bruce Hall, and Bob Seaman)



Convention host Rick Shaftan tries to keep cool in the family wading pool on Saturday afternoon. Temperatures approached 100 degrees, with high humidity, even up in the hills of NW Jersey!

CONVENTION ATTENDEES: Tom Bryant (Nashville, TN), Bill Burrows (Gloucester, NJ), Mike Bugaj (Enfield, CT), Greg Coniglio (Cheektowaga, NY), Joe Gragg (Palestine, TX), George Greene (Akron, OH), Bruce Hall (Brantford, ON), Keith McGinnis (Winthrop, MA), Paul Mount (Morganville, NJ), Dave Nieman (Akron, NY), Bill Nienajady (Clifton, NJ), Bob Seaman (Hazleton, PA), Marvin Shultz (Toulon, IL), Bob Smolarek (High Bridge, NJ), Tom Yingling (Baltimore, MD)



WTFDA MAILBOX

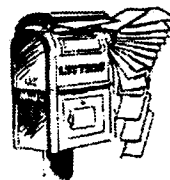
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Mike Bugaj

Ikon@netcom.com

SO HOW WAS YOUR SUMMER?

Well, I hope everyone had a great summer. Now most of those vacation days are used up and we're all back at work doing whatever we do and all we can do is wait for next summer. Summer is the busiest time of the year for the Mailbox. The volume of mail and the number of renewals really increases in June and July. To be truthful, I'm glad the mail has slowed a little. But given that, I'd still like to see 20 letters in the post office box from new people joining. Speaking of new WTFDAers, we give a big WELCOME to Keith McGinnis, Charles Tumosa, and rejoining members Bob Seybold and Willis Monk. Bob was probably TVDxing when I was a baby, and Willis has been in the Dxing game for many years also, and at one time was our Eastern TV editor. Charlie Tumosa emailed that he has known about the WTFDA for a long time, but a visit to my website helped him make up his mind. And Keith McGinnis and I spent much time on the



computer and IRC this summer chasing down E skip. As a matter of fact he spent so much time on IRC with us WTFDA guys that he decided to join. It was a good decision. I'm glad all four of you are here! Now here are the names of the people who kept Carol down at the Somersville Post office busy throwing mail in the WTFDA box: Pete Giacomelli, John Zondlo, Robert Williams, Bob Smolarek, Fred McCormack, Paul Swearingen, Ron Perdue, John Bondurant, Walter Patton, Calvin Glover, Joseph Martin, Joseph Esser, Alan Michalek, Nick Lombardi, Doug Smith, Ralph Strobel, William Lindsay, Scott Barnett, Howard Fountain and Gerald Barkow. Thanks for renewing!

YOU'RE HEARING ME WHERE? I found this on rec.radio.broadcasting: "This is a great story. I program KLAL-107.7 in Little Rock and do afternoon drive. On Friday, July 9, my hot line rang while I was doing a break. As I finished, I grabbed the phone and lo and behold, it was my pal (and WTFDAer -Mike) Steve McVie (Solomon) from Cape Cod listening to me via E Skip. He held the phone up to his radio and I could hear my stopset loud and clear. It's always cool to get a DX catch, but even better to be on the transmitting end and have a friend rolling tape across the country." This was from Rob Walker, Program Director at KLAL in Little Rock.

HEY BUDDY...WANNA BUY A DTV SET? Mike Condon had a run-in with digital TV recently, and it was not pretty. "I saw my first demonstration of HDTV last week and it was pathetic. I went to one of the largest and most famous dealers in town and asked where the set was. The salesman pointed to a Panasonic rear projection set and said "there it is". I could not believe my eyes. First of all you have to know I never thought much of rear projection or any other types of projection. They just can't deliver a picture that satisfied me. I have over a dozen sets at home, one of which is a Mitsubishi and I grew up with Zenith and GE. the quality goes in before the name goes on. Well, I told him the demonstration was over and thanked him and began walking away. He became irritated and said "you never gave it a chance to be turned on". I told him that if he was showing that type of set to demonstrate HDTV he would never make any sales. I gave him a chance anyway and asked him to put on channel 26, the Madison local. He tells me that they are not on the air yet. Now that's where he's wrong. I told him that being an air conditioning service tech, I knew the CE there and that I also service the station and that they most certainly were on the air. He comes clean and admits that they cannot get the signal. How do you show this thing off, I asked. A videotape from the NFL that is supposed to be HD quality. Just as I expected, the picture and sound was even less clear than some of the DVD systems on display there. I should add that they were using a so-called HD video machine. So, I am not worried about TV as we know it...just yet. I get replies from engineers at stations across the country who tell me that they are in no hurry to go HD; one at channel 6 in Iowa says 10 to 15 years and only then kicking and screaming." Well, this info dovetails with what we printed from Bob Coopers *Technology Digest* a few issues ago when we read that dealers are finding that to get a good DTV signal you must have an outdoor antenna installed. I don't think that an NFL videotape is going to cut it. Obviously, neither does Mike.

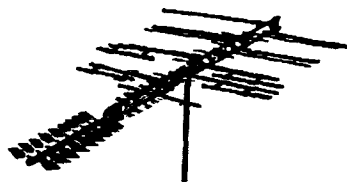
HEAR AND SEE JAMMIN 105! Here is an interesting email from Alan Dunn: "I recently purchased a Radio Shack DX-398, which is a Sangean 909 clone and has RDS. I thought for a moment I had some real DX when the display read KHOT which is in Arizona while I am in Eastern MA. But the signal was too strong for that and I concluded that local WMJX in Boston was transmitting the wrong call on RDS for some reason. The next day it had been corrected...almost. The RDS read WJMX. I emailed them through their web site and they undid their typo later that day.

The RDS sure is handy for positive identification (at least most of the time). I was sitting in my back yard in early June wondering what the station on 101.1 was that I was hearing. Then the RDS icon would come on intermittently. Eventually WGIR appeared on the display from NH maybe 95 miles to my north.

On July 2 our family drove to Plymouth, MA which is 40 miles southeast of Boston. We parked in a small but quiet area where my son and I got out radios to see what DX was coming in. The AM band was dead at midday, but FM was alive to the north right into the Canadian Maritimes. I was trying to identify a 105.9 station when I noticed the RDS icon was on. Then the RDS gave me a positive ID of WBCI from Bath, ME. Also via RDS I was able to identify WLOB Rumford, ME on 96.3 despite co-channel 50kw WRZE on Nantucket Island 40 miles away.

North of Boston classical music WBOQ shows W-BACH on their RDS tag. The stations I hear with RDS tags are WERS, WPRO, WBOS-FM, WSJZ-FM, WBOQ, WROR-FM and WMJX-FM." I got a chance to play with the DX-398 that Keith McGinnis brought to the convention at Rick's house. The DX-398 is kind of a neat radio. I was just tuning around the FM band and stopped at 105.1. A few seconds later the RDS icon appeared, and another two or three seconds and there appeared JAMMIN_105 in the display. WFME was another one; they used their call letters. I love it! Now, if equipment manufacturers would only put it in their tuners or receivers here in the U.S. it would change the way we DX Es openings forever. For more information visit the RDS site at www.rds.org.uk.

ALL CHANNEL ANTENNAS. I put this here as a public service to anyone out there who may be looking for a good all channel antenna (Pete Giacomelli...listen up!) This is from Bill Mitchell: "With regard to the CM1110 VHF antenna (Monster E-Skip Antenna): a very close performer to it on VHF is the all-channel CM1160A which has nearly as many active VHF elements in a similar configuration (Quantum) and the same narrow beamwidth as the 1110. I have used one for several years in a remote fringe area and it has provided excellent VHF performance including DX work. The UHF section is quite good though bettered by the CM4228A or CM's own 7 foot dish. The 1160A is widely available"



CALIF TO HAWAII TROPO. This was an interesting thread that ran on the amfntvdx reflector a while back. It concerned the reception of California TV and FM stations in Hawaii. One thing we all know is that it does happen. Sheldon Remington also has logged US and Mexican coastal stations in Hawaii. As a matter of fact, Bill Hepburn points out in his tropo forecasts when these conditions exist, in the hope that somebody will hear or see something. Doug Smith mentioned in an email that he had received a note from someone who mentioned to him that KGO-7, KSBW-8 and KGW-8 have all been seen in Hawaii, not necessarily recently, but over the years going back to 1957 when the California-Hawaii duct was first discovered by hams. The writer also mentioned that KPOI-97.5 has also received requests from the mainland (by Es or tropo it doesn't matter since it's a great catch either way -Mike). Another writer wrote that when this duct was first demonstrated, it was by two hams using 144-148mhz with the originating station some distance up a mountain in Hawaii, and the ultimate first to pick up the signal also up on the side of a seaside slope in southern California. This sounds like a good idea for a "stupid trip" sometime...wait for the right conditions, climb a coastal hill and point your antennas west and wait.

LAST BUT NOT LEAST... The last time I heard from Bruce Elving was back in July when he wrote that his FM Atlas was out being printed and Bruce was taking advance orders at \$21.99 each. Since the last Atlas was two years ago, there's a more than a few anxious Dxers out there. CU next month...write! -Mike



EUROPEAN TV/FM DX FOR JULY '99

European TV and FM Dxers had a pretty good July. Good openings were observed up until July 18th, then the season began to wind down. The bulk of the reports were in the period July 10-12.

All times are UTC. All times are beginnings of observed openings. All freqs listed are MUFs. All info taken from BKL's FMTVDX WEBLIST at www.fmdx.com

DATE	TIME	PTA
4	unk unk	Italy to 99.3 -Ruud Brand, Netherlands Italy, Greece, Hungary, Turkey to 104.6 -BKL Finland
9	1725-1810 unk	Spain to 98.3, Morocco to 96.1 -Hepke Netherlands Spain and Malta-102.3 -Brand, Neth.
10	0627-0645 0540-1010 unk 0644-0742 0600-1000 n/a	Germany to 102.1 -Heinonen, Finland England, Norway, Denmark, Italy, Benelux -BKL, FIN Jordan-TV1 E3 for 30 mins. -Brand, NL Big UK opening to 104.9 -Osterholm, Finland Heavy into UK to 107.9 -BKL, Finland Finland to 99.6 -Brand, NL
11	unk 1700	Malta and Tunesia to 104.6 -Brand, NL Jordan- E3 seen on a dipole, multi-hop -Paul UK
12	Unk 1615-1900	90mins FM Es to Greece, Athens w/no fades -Schwarz, GE Italy and Tunisia to 99.5 -Cech CZECH
13	1810-1903	Spain to 105.8 -Wijnants, Belgium
15	2030 +/- 0830-0945 1350-1850	Sicily and Malta to 98.7 -Brand, NL Tunesia and Portugal to 104.8 -Wijnants, BE Turkey and Tunesia to 107.2 -Mendoza Spain
16	Unk 1350-1810	Spain to 94.9 -Brand, NL Morocco, Greece, Canary Is. To 99.5 -Mendoza Spain
17	Unk Unk	More good Es to Spain -Brand, NL Hungary, Bulgaria, Poland, Yugo to 105.6 -BKL FIN
18	1800-1830 1500-1630	Turkey on 20+ frequencies to 106mhz -Ekwall, Sweden Big opening to Italy, Tunesia to 107.9 -Brand, NL
23	Unk	Italy to 101.7 -Brand, NL
26	0700-0946	Turkey to 107.2 - Mendoza, Spain

If you are interested in what European Dxers are seeing, hearing and thinking
The FMTVDX WEBLIST is worth investigating.
This moderated email list covers all phases of TV and FM Dxing
from a European perspective.
You can subscribe at www.fmdx.com

TV News

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

September 1999
non-commercial station
nc no change

<http://personal.bellsouth.net/~w9wi>

Applications for new stations

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
FL	46^	500	308	Miami	WHFT [45]	25-59-34	80-10-27
FL	41^	280	458	Naples	WZVN [26]	26-49-30	81-45-55
GA	25^	73.8	315	Atlanta	WATL [36]	33-48-27	84-20-27
IL	44z	1262	476	Chicago	WSNS [44]	41-52-44	87-38-08
IL	17^	350	213	Marion	WTCT [27]	37-33-26	89-01-24
IL	21^	1000	316	Mount Vernon	WPXS [13]	38-32-54	89-29-17
KS	16^	1000	234	Garden City	KSNG [11]	37-46-40	100-52-08
KS	45^	891	317	Wichita	KSNW [3]	37-46-25	97-30-54
KY	55^	1000	370	Louisville	WHAS [11]	38-21-23	85-50-52
LA	30^	1000	315	Lake Charles	KVHP [29]	30-17-26	93-34-35
MI	2^	10	305	Kalamazoo	WWMT [3]	42-37-56	85-32-16
MI	24^	500	281	Muskegon	WTLJ [54]	42-57-25	85-54-07
MI	48^	500	287	Saginaw	WAQP [49]	43-13-18	84-03-14
MS	51^	1000	634	Jackson	WLBT [3]	32-12-49	90-22-56
NC	43^	150	158	Greensboro	WLXI [61]	36-08-57	80-03-37
NC	15^	180	354	Rocky Mount	WRPX [47]	36-06-11	78-11-29
NE	12^	10.6	216	McCook	KSNK [8]	39-49-48	100-42-04
NM	47^	52.5	131	Las Cruces	KMAZ [48]	32-02-30	106-27-41
PA	49^	100	506	Scranton	WNEP [16]	41-01-00	75-52-10
PR	19^	50	288	Ponce	WKPV [20]		
PR	21^	50	564	San Juan	WJPX [24]	18-16-45	65-51-14
PR	39^	50	324	San Sebastian	WJWN [38]	18-19-06	67-10-42
SC	8^	43.7	533	Columbia	WOLO [25]	34-06-59	80-45-50
SC	18^	1000	459	Myrtle Beach	WFXB [43]	34-11-19	79-11-00
TN	10^	42.4	415	Nashville	WSMV [4]	36-08-27	86-51-56
TX	5^	8	603	Conroe	KPXB [49]	29-33-44	95-30-35
TX	14			Ennis			
WI	24^	200	387	Wausau	WHRM [20]	44-55-14	89-41-30
WV	12^	30	288	Martinsburg	WWPX [60]	39-27-27	78-03-52

Applications in *italics* are for backup auxiliary transmitters.

The channel 14 application in Ennis, Texas is for an experimental station. No other details are given.

It will be interesting to see how the WHFT [45] DTV application is handled. The WHFT license itself has been revoked for violations of ownership regulations - but Trinity has not yet exhausted all possible appeals. My guess is the FCC will put the WHFT-DT application on hold, not acting on it until the WHFT analog license is settled but not accepting any other applications that would preclude granting WHFT-DT.

Construction permits granted for new stations

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
CA	61^	1000	593	Sacramento	KXTV [10]	38-14-24	121-30-03
CA	18^	145	580	San Diego	KUSI [51]	32-41-50	116-56-04
CT	33^	500	284	Hartford	WFSB [3]	41-46-30	72-48-20
FL	38^	49.2	137	Panama City	WFSG [56]	30-22-02	85-55-28
IA	28^	200	592	Sioux City	KSIN [27]	42-35-12	96-13-18
IL	47^	200	465	Chicago	WTTW [11]	41-52-44	87-38-10
ME	17^	29.7	281	Augusta	WCBB [10]	44-09-15	70-00-37
MS	57^	257	528	Tupelo	WTVA [9]	33-47-40	89-05-16
WI	22^	50	285	Milwaukee	WVCY [30]	43-05-15	87-54-13

Applications to change existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AK	7+	40		Fairbanks	KFXF		
AL	32z	1799	258	Montgomery	WNCF	32-22-04	86-15-42
DC	39^	1000		Washington	WJLA-DT		
FL	22z		399	Clearwater	WCLF	27-49-10	82-15-39
IL	44z	5000	472	Chicago	WSNS-TV	41-52-44	87-38-10
KS	3-		300	Wichita	KSNW	37-46-25	97-30-54
MD	2+		297	Baltimore	WMAR-TV	39-20-05	76-39-03
SC	4-			Greenville	WYFF	34-33-40	82-41-36
TX	42z	305		Odessa	KMLM	32-02-54	102-18-04
WA	56z	4000	695	Tacoma	KWDK	47-30-17	121-58-06

Entries in *italics* are corrections to the tower coordinates only - nothing has actually changed.

The Tacoma change is listed as to an existing station, but I don't think KWDK is actually on the air yet.

Applications to change construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AL	29-	3700	469	Selma	WBIH		
CO	4+	100	428	Grand Junction	KFQX	39-03-58	108-44-46
IA	20-	216	225	Iowa City	KWKB		
IN	46^	1000	285	Indianapolis	WTHR-DT		
NC	49^		615	Raleigh	WRMZ-DT		
NE	4+		609	Superior	KSNB-TV		
NV	21+		368	Las Vegas	KVWB	36-00-28	115-00-24
OR	27^	710	509	Portland	KOPB-DT	45-31-21	122-44-45
OR	43^	1000	524	Portland	KATU-DT	45-30-58	122-43-59
TX	68z		541	Arlington	KPXD	32-35-19	96-58-05
TX	40z	5000	577	Rio Grande City	KFLM		
WA	45+	2000	714	Seattle	KHCV		

Changes granted to existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
FL	49z	3467		Tice	WRXY-TV		
FL	62z	5000	476	Venice	WBSV-TV	27-49-10	82-15-39
IN	6z		279	Indianapolis	WRTV		
MN	11-		455	Minneapolis	KARE		
ND	4-		591	Valley City	KXJB-TV		
TX	33+	5000	520	Dallas	KDAF	32-32-35	96-57-32

Changes granted to construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
HI	38+	51.3	632	Honolulu	KAIE	21-19-49	157-45-24
HI	44z	55	632	Honolulu	KWBN	21-19-49	157-45-24
IL	31^	200		Chicago	WFLD-DT		
KS	33z	42	96	Wichita	KWCV	37-41-13	97-20-24
MN	26+	13.8	156	Bemidji	KAGR	47-33-21	94-48-04
TX	40z	227	234	Rio Grande City	KTLM	26-31-01	98-39-07
WA	49-	2920		Vancouver	KPDX		

The KAGR [26] power is listed in the Public Notice as 13,804kW. I am assuming it should really read 13.804.

Technical changes on the air

St	Ch	Call	City	What happened
AK	5z	KYES	Anchorage	increase power 5.89=>100kW.
AR	26z	KVTH	Hot Springs	increase power 245=>1910kW and decrease tower height 287=>258m.
CA	52z	KVEA	Corona	decrease power 2630=>2570kW, increase tower height 881=>896m.
CA	48-	KSTS	San Jose	decrease power 4370=>2510kW, increase tower height 631=>688m, move about a mile north-northwest.
MA	58+	WDPX	Vineyard Haven	increase tower height 134=>155m.
ME	6-	WCSH	Portland	correct coordinates a few meters southwest.
MI	62z	WWJ-TV	Detroit	increase power 1000=>5000kW, tower height 296=>327m, move about 1/2 mile southwest.
MO	12+	KODE-TV	Joplin	correct coordinates a few meters northwest.
NC	26+	WUNL-TV	Winston-Salem	increase power 759=>5000kW, decrease tower height 509=>504m.
NM	13+	KRQE	Albuquerque	decrease power 89.1=>87.1kW, increase tower height 1274=>1287m.
NY	68-	WSYT	Syracuse	decrease tower height 448=>445m.
PA	40+	WPCB-TV	Greensburg	increase power 1170=>4900kW, correct coordinates a few meters northwest.

PR	22z	WNJX-TV	Mayaguez	decrease power 200=>112kW, increase tower height 347=>602m, move about 20km southeast.
WI	28-	WHWC-TV	Menomonie	increase power 1100=>1170kW, decrease tower height 351=>346m, correct coordinates a few meters northwest.

New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
BN	3	50?		XHTJB	Tijuana		
FL	9^	15.8	294	WPLG-DT	Miami	25-57-59	80-12-44
HI	38+	51.3	632	KAIE	Honolulu	21-23-45	158-05-58
HI	44z	55	632	KWBN	Honolulu	21-23-45	158-05-58
IL	31^	200	475	WFLD-DT	Chicago	41-52-44	87-38-10
IL	59+	331	178	WAOE	Peoria	40-43-26	89-29-04
KS	33z	42	96	KWCV	Wichita	37-41-13	97-20-24
MI	44^	200	323	WWJ-DT	Detroit	42-26-52	83-10-23
NC	35z	1910	199	WFYZ-TV	Jacksonville	34-31-10	77-26-52
NY	56+	5000	379	WSPX-TV	Syracuse	43-18-18	76-03-00
OH	10^	13.7	280	WCPO-DT	Cincinnati	39-07-30	84-29-56
SC	63-	5000	393	WQHB	Sumter	34-06-08	80-46-03
TX	40z	5000	576	KTLM	Rio Grande C.	26-31-01	98-39-07
VI	17+	75.9	429	WVXF	Char. Amalie	18-21-24	64-56-47

Call changes

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch:
WBRC-TV	WBRC	B'ham, AL	6	WNBW	WPIG	Concord, NH	21
WOWL-TV	WHDG	Florence, AL	15	WMHQ	WEWB	Schen., NY	45
WHOA-TV	WNCF	Montgy., AL	32	New	KBPD	La Gde., OR	16
WABU	WBPX	Boston, MA	68	KBTW-TV	KJAC-TV	Port Arthur, TX	4
WZBU	WDPX	Vineyard Haven, MA	58				

Programming changes

Call	Location	Programming
XHTJB [3]	Tijuana, BN	new, relays XEIPN [11] Mexico City. (Educational, I think)
KSCC [36]	Hutchinson, KS	sold to UPN. (Probably not on air yet)
KWCV [33]	Wichita, KS	new, WB.
WGRB [34]	Campbellsville, KY	to WB for Louisville.
WBNA [21]	Louisville, KY	from WB to Pax.
WFYZ-TV [35]	Jacksonville, NC	New station; sold to Pax about the same time it came on the air.
KVVV [57]	Baytown, TX	sold to Pappas; to drop VVN home shopping?

KLTJ [22]	Galveston, TX	sold to KMPX; to join Daystar network?
KHSX [49]	Irving, TX	from home shopping to independent in November.
KTLM [40]	Rio Grande C., TX	new, Telemundo.

Forum & Other Stuff

Thanks to Fernando Garcia, Chip Kelley, and Dan Oglethorpe for information appearing elsewhere in this column.

The FCC has proposed replacing KSPS [7]'s DTV channel 39 with channel 8. Numerous other similar applications, proposing to substitute VHF DTV channels for original UHF assignments, have been made.

The Military Channel, which had been carried by several independent and LPTV stations including WTMW [14] and WJFB [66], has gone bust.

Danny Oglethorpe has noted some apparent programming changes in Mexico. One station was seen with "Central 4" (XHTV) - but carrying a block of educational programs titled "Imagina". These programs are not listed on XHTV's schedule on their Web site; maybe they were aired only locally on this one transmitter?

Also, a station was seen airing "Info 7" news with TV Azteca logos, at a time when the rest of the Azteca 7 network was carrying infomercials. This may have been XHFN Monterrey; they're known to carry some local programming. Other Azteca-owned independent stations are known to exist.

XHSMZ Sombrette, ZA seems to have moved from channel 5 to channel 4. Danny caught the station on channel 4 with a "XHSMZ-04" ID inserted. This change is now present on the SCT Web site too.

Finally, information from Arnie Coro of Radio Havana Cuba, via Jeff Kruszka and Danny Oglethorpe, that local programs are carried on some Cuban transmitters between 6 and 7PM Eastern time. "CH TV" airs only in Havana; "Tele Pinar" in Pinar del Rio province. This information may help someone know where in Cuba they just logged, rather than simply "channel 3 from Cuba"!

Fernando is seeing a second XHGC [5] relay on channel 54, besides XHVTV Matamoros. The second station was caught one morning on a heading slightly south of XHVTV with unID color bars; it joined the XHGC network at 7AM. Fernando says both Televisa and Azteca frequently do this, adding second or third transmitters on the same channel to relay the programming of a main transmitter.

John Jefferson wrote from Antioch, California to correct me on the new location of the KDTV [14] transmitter. He's been told the station is now on Mission Peak with KICU [36], KSTS [48], and KTEH [54]. This would be 57km southeast of the existing site, not northeast as I wrote. (Which would make it a very close local for him -- and not provide an acceptable signal in the city of license. John can just barely detect the station with a loop antenna.) In fact, re-checking my database shows the new KDTV antenna site is on the KSTS tower.

The new Mexican station on channel 3 started with 5kW of power (I'm not sure whether that's transmitter output or ERP), and gradually increased to 20kW. The transmitter is said to be capable of 50kW. This station has resulted in numerous interference complaints in San Diego. It isn't interfering with any other channel 3 stations, but many San Diego residents use channel 3 to feed their VCR, satellite dish, or cable box outputs to their TVs. Cox Cable has asked for the public's help in trying to persuade XHTJB to move to some other channel. Somewhat to my surprise, other area TV stations are joining Cox in their campaign.

I'm afraid I had to totally ignore LPTV this month. Several trips out of town (both business and pleasure) and a major computer system upgrade at work have made it impossible to spend the necessary time. I will note that two translators above channel 69 (K70DR Blue Earth, MN and K79BK Fairmont, MN, both translators of KTTC [10] Rochester) have been renewed and are presumably still operating up there. I was briefly in Cass Lake, Minnesota in mid-August but did not note licensed K78AK there.

Some excellent tropo has been noted in mid-August. Hope you got in on it!

73 Doug

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FMNEWS

SEPTEMBER 1999

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KEY TO ABBREVIATIONS: &: satellite programming AF: New frequency allocation accepted for filing for a new FM license AFA: American Family Association CC: call letter change CL: city of license change CX: a construction permit has been canceled C1,C2,etc: a change in status to that FM license class DA: directional antenna DE: station has been deleted FC: format change GA: granted amendment to the table of FM allocations GE: granted extension of construction permit	GX: granted replacement of expired permit LC: license to cover filed (means station is ready to come on air) MC: multiple-city legal ID NC: no change yet on a reported change/permit ND: non-directional antenna NO: not on the air NS: new station granted NW: new station signs on OSA: one-step application granted for change PA: proposed amendment to change FM table of allocation PC: power change on the air (> for increase, < for decrease, when known)	PG: power change granted (> for increase, < for decrease, when known) QC: frequency change occurred QG: frequency change granted RA: silent station returns to air RE: station requests extension on permit RX: station requests replacement of expired permit SG: slogan change or update SI: station is silent XA: dismissed amendment to FM allocations XC: transmitter site change occurred XG: transmitter site change granted
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U.S.A.

ALABAMA:

Atalla: WKXX 102.9 adds Rick & Bubba
Columbiana: WQEM 101.5 PG< 1940w, 584 ft, XG: 33-13-44 / 86-42-59
Homewood: WEDA 97.3 FC to rock "Rock 97.3"
Jackson: WHOD 94.5 PG> 30 kW, 640', C2, XG: 31-28-59 / 87-47-27
Moulton: WXXI 103.1 OSA to C3, 11.5 kW, 492 ft, XG: 34-27-08 / 87-06-20
Pine Hill: WXXX 96.7 NW, R&B // WKXN
Tallasee: WQNR 99.9 CC (ex WACQ), FC to WW1 adult rock (&)
Tuskegee: WTGZ 95.9 still modern rock (FC reported earlier is incorrect)

KICKS KOUNTRY

WKXX-FM 102.9

ALASKA:

Girdwood: KEUL 88.9 PG> 1.4 kW (h), 636'

ARIZONA:

Flagstaff: KLOD 100.1 PG> 20 kW, 1437 ft, DA, C1
Flagstaff: KJTA 89.9 LC
Florence: KCDX 103.1 NW, regional Mexican (&) // KLNZ (Phoenix)
Phoenix: KPHF 88.3 dec. to 974 ft, XC:33-35-47 / 112-05-31
St. John's: KWKM 95.7 inc. to 1528', DA, XG: 34-24-01 / 109-45-50
Show Low: KSNX 93.5 PG< 15 kW, 912 ft, XG: 35-48-36 / 109-56-26
Winslow: KFMR 95.1 LC

ARKANSAS:

Clarksville: KXIO 106.9 FC to CD Country "Kix"
Fayetteville: KXUA 88.3 CC (NS)
Gurdon: KYXK 106.9 QC from 92.7, PC> 17.5 kW
Harrison: KBPB 91.9 CC (NS)
Jonesboro: KAOG 90.5 PG> 40 kW, 397 ft, DA, C2, XG: 35-48-36 / 109-48-45
Malvern: KMKV 93.3 PG> 6 kW, 328 ft, CL: Bryant, AR, XG: 34-30-27 / 92-32-48
Marked Tree: KJBR 93.7 PG> 6 kW, 279 ft.
Paragould: KDRS 107.1 PG> 3 kW, 423 ft, XG: 36-01-46 / 90-35-50
Stamps: KLMZ 104.3 PA: to class A - Fouke, AR
Turrell: KAFW 103.7 LC (CL from Wilson, AR)
Wrightsville: KLAL 107.7 inc. to 358 ft, XG: 34-44-37 / 92-19-06

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CALIFORNIA:

Crescent City: KHSR 91.9 NW, info, variety // KHSU
 Davis: KDVS 90.3 PC> 9.2 kW, 105 ft.
 Delano: KSMJ 98.5 PC< 8 kW, 581 ft.
 Eureka: KKHB 105.5 FC to oldies (&) // KATA
 Firebaugh: *NS 90.5 AF
 Gilroy: KBAY 94.5 PC< 30 kW, 587 ft.
 XC: 37-12-33 / 121-46-30
 Hollister: *NS 90.7 AF
 Madera: KZFO 92.1 PG> 37 kW, 567', XG: 37-07-40 / 119-40-38, CL: Clovis, CA
 Mendota: *NS 90.5 AF
 Modesto: KEJC 93.9 PG< 4 kW, 403 ft, DA, XG: 37-39-00 / 121-01-21
 Pt. Arena: KBPC 107.1 CC (NS)
 Rio Dell: KMGX 107.3 LC
 Ronherth Park: KRPQ 104.9 PC> 2250w, 548 ft.
 San Francisco: KSOL 98.9 PC> 6.1 kW< 1342 ft, XC: 37-45-19 / 122-27-06
 San Joaquin: KVPC 105.5 XG: 36-21-22 / 120-27-42 NW, ABC Real country (&)
 Temple City: K212FA 90.3 NS-10w: KLOV-FM
 Tracy: *NS 90.7 AF



COLORADO:

Grand Jct.: KJYE 92.3 adds ABC 45+ soft AC (&)
 Grand Jct.: KCIC 88.5 PC>450w, -351 ft.
 Greeley: KDJM 92.5 CC (ex KVOD) "Jammin' Oldies" (Denver)
 Leadville: *NS 90.7 AF (U.N.C.)
 Montrose: KSTR 96.1 adds Mark & Brian
 New Castle: *** 94.5 GA: add class A
 Ouray: KWGL 105.7 PC> 60 kW, 1752 ft, class C, XC: 38-23-16 / 107-40-28
 Palisade: *** 106.9 GA: add class C3
 Rye: *** 104.9 GA: add class A
 Walden: *** 94.1 GA: add class C2

CONNECTICUT:

Pomfret: *NS 91.1 1 kW, 289 ft.

DISTRICT OF COLUMBIA:

Washington: WJMO99.5 CC (ex WGAY) "Jammin' Oldies"

FLORIDA:

Ft. Meade: WWRZ 98.3 PC< 2.6 kW, 686 ft, CL from Arcadia, FL
 Gretna: WGWD 93.3 PC> 8.7 kW, 499 ft, C3, XC: 30-29-48 / 84-27-33
 Holly Hill: WEAZ 88.1 CC (ex WANX)
 Homestead: WRGP88.1 NW, variety "Radiate 88"
 Kissimmee: WVKQ 89.1 NW, Spanish c. Christian
 Lake City: WOLR 91.3 PC 18 kW (cir)
 Mexico Beach: WPBH 99.3 FC to oldies (&) CC (ex WSHF) (Panama City)
 Naples: WTLT 93.5 PC> 6 kW, 328 ft, XC: 26-19-00 / 81-47-13

Florida:

Parker: WPPT 94.5 CC (ex WPBH), rock "Pirate Radio" (Panama City)
 Riviera Bch: WWLV 94.3 PC> 4.1 kW, 807 ft, ND, C3, XC: 27-01-32 / 80-10-43
 Sarasota: WHPT 102.5 FC to classic rock (Tampa)
 St. Petersburg: WCOF 107.3 FC to adult alternative
 Tallahassee: WANM 90.5 CC (ex WAMF) "A&M University"

GEORGIA:

Alma: WAJQ 104.3 PC> 4.5 kW, 371 ft.
 Americus: *** 88.5 AF (Family Stations)
 Hogansville: WMAX 98.1 CC (ex WZLG), FC to hot AC "Mix 98.1"
 Jasper: WNEE 88.3 NW, cont. Christian (Sept.), PG> 200w, 46', DA, XG: 34-28-10 / 84-25-50
 Soperton: *** 98.5 PA: add class A
 Springfield: WWSI 103.9 OSA to C3, 14 kW
 Statesboro: WPMX 102.9 FC to soft AC
 Talking Rock: WNSY 100.1 PG 1.7 kW, 617 ft.
 Toccoa: WSTE 106.1 FC to country // WNGC

HAWAII:

Honolulu: KQMQ 93.1 FC to dance "Jammin' 93.1"
 Honolulu: KAIM 99.5 PG> 100 kW, 1853 ft, DA, XG: 21-23-45 / 158-05-58

IDAHO:

Aberdeen: *** 99.5 GA: add class C2
 McCall: *NS 90.7 220w, 1919 ft.
 Pocatello: KISU 91.1 NW, info/alternative/jazz
 Ririe: *NS 90.7 AF

ILLINOIS:

Carlyle: WCXO 96.7 NW, oldies
 Eureka: WPPY 98.5 CC (ex WEEK) "The Party"
 Glasford: WRVP 101.1 NW, adult contemporary
 Highland Park: WXXY 103.1 PC> 6 kW, 328 ft, DA, XG: 42-08-14 / 87-58-57, FC to 80's hits "80's Channel" (Chicago)
 Joliet: WLLI 96.7 FC to rock
 Mahomet: WGKC 105.9 adds Bob & Tom
 Metropolis: WRIK 98.3 PC> 100 kW, 699', C1, XC: 36-45-09 / 88-29-58
 Morris: WYXX 103.1 FC to 80's // WXXY 103.1
 Mt. Morris: WSEY 95.7 GA: to Oregon, IL
 Oregon: WOXM 106.1 GA: to Genoa, IL
 Quincy: WCOY 99.5 CC (ex WQCY), FC to hot AC "Q 103.9"
 Quincy: WQCY 103.9 CC (ex WMOS)
 Rockford: WQFL 100.9 PG< 2.7 kW, 489 ft, DA, XG: 42-19-20 / 89-00-41
 St. Joseph: WGNJ 89.3 LC
 Skokie: WTMX 101.9 XG: 41-52-44 / 87-38-08
 Springfield: WLGW 89.7 PC> 10 kW, B1
 Vandalia: *NS 91.7 AF

POSITIVE HIT RADIO!
101 QFL

INDIANA:

Clinton: WPFR 93.9 dec. to 528', XG: 39-33-01 / 87-28-32
 Columbus: WWWY104.9 FC to WW1 soft AC "Magic" (&)
 Corydon: WSFR 107.7 PC> 31 kW, 568 ft, DA
 Corydon: WGZB 96.5 adds ABC Tom Joyner
 Indianapolis: WTLC105.7 adds ABC Tom Joyner
 Linton: *NS 90.1 AF
 Oolitic: *NS 88.9 AF
 Richmond: WQLK 96.1 inc. to 492 ft.
 Veedersburg: WSKL 92.9 CC (ex WARL), NW, oldies (&) "Kool" (Terre Haute)

IOWA:

Mt. Vernon: KRNL 89.7 PG> 45w (cir), XG:41-55-34 / 91-25-32

KANSAS:

Augusta: KLLS 104.5 FC to classic rock "The Fox" (Wichita)
 Galena: KBGZ 104.3 NW, hot AC (&) (Joplin)
 Hays: *NS 89.7 AF
 Roze: *** 102.5 GA: add class A
 Salina: KZBZ 104.9 FC to hot AC "Buzz" (&)
 St. Mary's: KQTP 102.9 FC to hot AC "Q103"
 Seneca: KMZA 92.1 PC> 50 kW< 325 ft.
 Topeka: KWIC 99.3 FC to ABC oldies (&)
 Winfield: KBDD 91.9 PG> 5 kW, 518 ft, class C3, XG: 37-22-56 / 96-57-20

KENTUCKY:

Brownsville: WKLX 100.7 LC
 Campton: WCBJ 103.7 PC 4.1 kW, 397 ft.
 Glasgow: WGGC 95.1 inc. to 1030'
 Louisville: WLRN 102.3 FC to soft AC "Love 102.3"
 Madisonville: WZ19CF 91.7 NS-55w: WNKJ
 Reidland: WZLL 106.7 PC> 4.7 kW, 371 ft, XC: 37-05-55 / 88-37-19
 Whitley City: WHAY 105.9 adds Americana format 6am to 8pm (locally done)

LOUISIANA:

Donaldsonville: KKAY 104.9 PC> 6 kW, 328 ft.
 Dubach: KPCH 97.7 OSA to C1, 60 kW, 509 ft, XG: 32-41-05 / 92-51-08
 Laplace: WCKW 92.3 FC coming soon
 Oak Grove: KWCL 96.7 PC> 23 kW, 341 ft.

MAINE:

Sanford: WPHX 92.1 CC (ex WCDQ), FC to modern rock // WFNX Lynn-Boston
 Waterville: WMHB 90.5 reported SI

MARYLAND:

Baltimore: WOCT 104.3 adds Bob & Tom
 Cambridge: WFBR 94.3 LC

MASSACHUSETTS:

Boston: WSJZ 96.9 adds Don Imus in the AM, will switch to talk format later in the year "Talk 96.9"
 Boston: W267AI 101.3 noted ON // WFNX 101.7
 Truro: WCDJ 102.3 LC



MICHIGAN:

Carrollton: WTGF 100.5 FC to dance-CHR "Pirate"
 Gaylord: WBLW 88.1 CC (NS)
 Marquette: WBGV 92.5 NW, ABC country (&)
 Munising: WHCH 98.3 adds CD Country (&)
 Stenhenson: WWHK 106.3 LC

MINNESOTA:

Babbitt: KAOD 106.7 PC> 33 kW, 430 ft. (main studio waiver request was denied)
 International Falls: KBOG 91.9 CC (NS)
 Minneapolis: WL0100.3 CC (ex WRQC), FC to classic hits
 St. Peter: KRBI 105.5 OSA to C3, 25 kW, 230 ft.



XG: 44-19-42 / 93-58-16
 Walker: KQKK 101.9 NW, soft AC
 Windom: *NS 88.1 AF
 Worthington: KBOJ 88.1 CC (NS)

MISSISSIPPI:

Bay Springs: WKWZ 94.3 adds Rick & Bubba
 Bude: WMJU 104.3 NW, soft AC (&)
 Fayette: WTYJ 97.7 PG< 2.5 kW, 515 ft.
 Port Gibson: WATU 88.3 NW, AFA cont. Christian (&)
 Port Gibson: WRTM 100.5 LC
 Sattilo: *** 102.9 GA: add class C3

MISSOURI:

Bowling Green: *NS 89.7 AF
 Ironton: KYLS 92.7 QG to 95.9 - C3, PG> 3.2 kW, 922', XG: 37-34-23 / 90-41-35
 Joplin: KSYN 92.5 dec. to 407'
 Salem: *NS 91.7 AF
 Salem: KKID 95.9 QG to 92.9 - C3, 21 kW, 361', XG: 37-43-45 / 91-28-23

MONTANA:

Big Sky: KBFN 104.5 OSA to C1, 870w, 3369'
 Hamilton: KXDR 98.1 LC

NEBRASKA:

Allen: *** 100.9 GA: add class A
 Imperial: *NS 102.9 100 kW, 1000 ft.
 Lexington: KRVN 93.1 inc. to 813 ft.
 Omaha: KVSS 88.9 PG> 500 w.

NEVADA:

Caliente: *** 94.5 GA: add class C1
 Ely: K208DD 89.5 NS-100w: KNPR
 Overton: *** 106.9 GA: add class C1
 Sun Valley: KHXR 94.5 NW, country "The Mountain" (Reno)
 Wells: *** 103.9 GA: add class C1

NEW HAMPSHIRE:

Farmingington: WZEN 106.5 NW, oldies
 Hillsboro: WRCI 107.7 SG '193 & 1107'
 Manchester: WLMW 90.7 noted // WAFR 88.3 MS
 Peterborough: WNHQ 92.1 SG "JYY" // WJYY

NEW JERSEY:

Delaware Twp: WDVR 89.7 PC> 4.8 kW (v)
 Dover: WDHA 105.5 PG< 980w, 574 ft.
 Manahawkin: WNJM 89.9 NW, info/jazz //WNJT
 Tuckerton: WBHX 99.7 NW, classic rock

NEW MEXICO:

Albuquerque: KRQS 101.3 adds Bob & Tom
 Corrales: KSYU 95.1 CC (ex KSWA), FC to AC
 "Sunny" (Albuquerque)
 Farmington: *NS 89.7 AF
 Grants: *NS 88.1 AF
 Las Cruces: KBOU 89.7 CC (NS)
 Las Vegas: *NS 96.7 4 kW, 381 ft.
 Los Alamos: KEFE107.5 inc. to 797 ft.
 Santa Fe: KZXA 94.7 inc. to 797 ft.
 Tuccumcari: *NS 91.7 AF

NEW YORK:

Albion: W209BF 89.7 ON air // WCOU 88.3
 Buffalo: W207BB 89.3 NS-19w: ON the air (WPCS
 89.3 FL)
 Canandaigua: WISY 102.3 CC (ex WMAX)
 Dansville: W282AC104.3 ON air // WCOU 88.3
 Hoosick Falls: WZEC 97.5 CC (ex WNGN), FC to
 CHR // WBEC 105.5 MA (Albany)
 Jeffersonville: WWHW 102.1 FC to variety format
 Medina: W207BD 89.3 ON air // WCOU 88.3
 Narroburg: *** 102.9 GA: add class A
 Owego: WLTB 101.7 PA: to class A - Johnson
 City, NY
 Southampton: WRLI 91.3 LC
 Syracuse: WRVD 90.3 LC
 Syracuse: WMHR 102.9 inc. to 784 ft.

NORTH CAROLINA:

Albermarle: WABZ 100.9 PA: to Indian Trail, NC
 Belhaven: WANJ 101.1 dec. to 607', XG: 35-18-18 /
 76-45-45
 Elizabeth City: *NS 88.3 AF
 Jefferson: WMMY 106.1 CC (ex WASQ)
 Manteo: *NS 88.9 AF
 Wilmington: WRQR 104.5 PC< 3.1 kW, 449 ft.
 XC: 34-10-00 / 77-56-40

NORTH DAKOTA:

Jamestown: *NS 89.9 AF



OHIO:

Defiance: WGDE 91.9 NW, info/classical // WGTE-
 FM
 Defiance: WDFM 98.1 FC to hot AC "Mix"
 Hamilton: WYGY 96.5 PC> 27.5 kW, 410 ft.
 XC: 39-21-11 / 84-19-44
 Lebanon: WYLY 97.3 PG> 5 kW, 358', XG: 39-
 16-53 / 84-21-11
 Lexington: *NS 89.5 AF
 Marion: *NS 91.9 AF
 Middleport: WYVK 92.1 CC (ex WMPO)
 Portsmouth: WNXI 99.3 FC to a/c "Mix"

OKLAHOMA:

Guymon: K215CV 90.9 NS-62w: KLTW

OREGON:

Altamont: KRAT 97.7 QC from 101.3, PC<22 kW,
 1712', XG: 42-10-06 / 122-09-10
 Ashland: KCMX 101.9 PC> 42 kW, 1437', class C
 Dayton: KZZM 102.3 QG to 101.9, C2, PG> 13.5
 kW, 958 ft, XG: 45-47-41 / 118-10-06
 Reedsport: KJMX 99.5 CC (ex KRBZ) "Mix"

PENNSYLVANIA:

Allentown: WJCS 89.3 PC> 150w(v), XC: 40-33-
 52 / 75-26-24
 Barnesboro: WHPA 93.5 NW, classic hits (Altoona)
 Millersburg: WQLV 98.9 adds Bob & Sheri
 Philadelphia: WXXM95.7 PG< 8.9 kW, 350'
 XG: 40-02-21 / 75-14-13
 Youngsville: WTMV 88.5 NW, cont. Christian

RHODE ISLAND:

Providence: WBRU95.5 dec. to 456', ND, XG: 41-
 49-40 / 71-22-09

SOUTH CAROLINA:

Chesterfield: *NS 89.3 AF
 Darlington: WDAR 105.5 FC to soft AC "Sunny
 105.5" (Florence)
 Florence: WYNN 106.3 adds Doug Banks
 Kingstree: WGSS 94.1 FC to black gospel (&) //
 WPFM
 Mullins: WWSK 107.1 PA: to C2- Briarcliffe Acres,
 SC

TENNESSEE:

Parker's Crossroads: WBFM 96.5 NW, ESPN
 sports (&)
 Red Bank: WAWL 91.5 PG> 11 kW (h), C3
 Shelbyville: WBLA 88.3 NW, AFA cont. Christian
 (&)

TEXAS:

Alice: KNDA 102.9 FC to Spanish variety
 Baird: KAGT 95.1 QC from 96.7, CL from
 Eastland, TX, RA with southern gospel (&)
 (Abilene), PC> 100 kW, 427 ft, XC: 32-24-24 /
 99-27-26
 Bandera: KEEP 98.3 change spacing
 requirements (sec. 73.215), PC< 1650w, 430
 ft.
 Bay City: *NS 89.5 AF
 Benavides: KXTM 107.7LC
 Big Spring: KBTS 94.3 FC to classic rock
 Burkburnett: KYI 104.7 PC< 92 kW, C1
 Clarendon: KEFH 99.3 FC to oldies "The Eagle"
 Corrigan: *** 100.1 GA: add class A
 Cuero: KVQC 97.7 RA with country & clas.
 rock // KTXM "Texas Thunder Radio"
 Dallas: KYNG 105.3 SG "Young Country"
 Eastland: KAGT 96.7 CC (ex KVMX)
 Farwell: KUJN 92.3 adds MGS cont. Christian
 (&) overnights



Texas:

Farwell: KICA 98.3 FC to rock "98.3 Rocks"
 Glen Rose: KTFW 92.1 PC< 25 kW, 1417 ft.
 Hereford: *NS 88.9 AF
 Hondo: KRBH 98.5 LC
 Lorenzo: KKCL 98.1 FC to oldies (drops Rush)



KEEPING LEGENDS

ALIVE!

Limbaugh) (Lubbock)
 Lubbock: KQBR 99.5 CC (ex KCRM), FC to
 country "Bear"
 McKinney: KRVA 106.9 CC (ex KZDF)
 Marble Falls: KBAE 104.9 FC to Real Country (&)
 Markham: *NS 91.3 AF
 Mirando City: KZLM 100.5 CC (ex KBDR)
 New Ulm: KMIA 92.3 NW, country & classic rock
 // KTXM "Texas Thunder Radio"
 Perryton: KEYE 95.9 Osa to 96.1, C3, 8.5 kW,
 400', XG: 36-21-54 / 100-45-48
 Plainview: KBAH 90.5 LC
 Portland: KSGR 91.1 CC (ex KRMP)
 San Diego: KUKA 105.9 PC> 10 kW (cir), 413 ft, ND,
 C3, XC: 27-38-59 / 98-07-44
 Sanger: KTPW 89.7 NW, Christian rock "True
 Alternative" (Dallas)
 Springtown: KMQR 89.1 FC to Christian rock //
 KTPW) (will return with a new format soon)
 Terrell: KRVF 107.1 CC (ex KZDL)
 Three Rivers: *NS 94.5 32 kW, 492 ft.
 Winfield: KALK 97.7 adds Radio 1 hot AC (&)
 Winnie: KRTX 100.7 FC to Spanish dance
 "House Party" (Houston)
 Woodville: KVLL 94.7 reported SI

UTAH:

Logan: *NS 98.3 GA: add class C3

VERMONT:

Ascuntny: W212BG 90.3 NS-5w: WCMK
 Bristol: *** 97.5 PA: add class A
 St. Johnsbury: WVPA 88.5 NW, classical // WVPS
 Stowe: WCVT 101.7 PC> 135w, 2066 ft,
 XC: 44-25-14 / 72-49-42

VIRGINIA:

Cape Charles: WROX 96.1 FC modern rock
 "Extreme" (Norfolk)
 Cedar City: WHQX 107.7 OSA to C3, 9.1 kW, 541
 ft, XG: 37-08-00 / 81-35-43
 Chester: WDYL 101.1 PC> 6 kW, 328 ft,
 XC: 37-22-53 / 77-25-38, reported SI
 Farmville: WLCC 90.1 QG to 91.3, 35w, 7 ft, XG:
 37-18-15 / 78-26-05
 Petersburg: WSOJ100.3 FC to country // WJRV
 Powhatan: WBBT 107.3 CC (ex WXNC) "The Beat"
 Waynesboro: WPVA 90.1 LC
 Wise: WISE 90.5 PC> 70w, 669 ft.

WASHINGTON:

Eatonville: KKBY 104.9 FC to modern rock
 (Tacoma)
 Moses Lake: KWIQ 100.3 adds Nashville Nights

Washington:

Olympia: KAOS 89.3 PC< 1250w, 243 ft,
 XC: 47-00-57 / 122-54-58
 Walla Walla: KUJ 99.1 PC> 9.4 kW, 1118 ft, class
 C2
 White Salmon: *NS 89.3 AF

WISCONSIN:

Berlin: WBJZ 104.7 QC from 102.3, PC< 3.4
 kW, 351 ft, XC: 43-53-57 / 88-53-37
 Menomonee: WMEQ 92.1 PG< 5 kW, 731 ft,
 XG: 44-54-59 / 91-41-55
 Nekoosa: WVEC 93.9 LC
 Portage: WDDC 100.1 PC< 3.1 kW, 374 ft.
 Rice Lake: WAQE 97.7 QG to 99.1 - C2, 44 kW,
 522 ft., XG: 45-22-23 / 91-55-22
 Siren: WXCX 105.7 CC (ex WBEP)
 Three Lakes: WLSL 93.7 CC (ex WHTD)

WYOMING:

Ethete: KWRR 89.5 LC

PUERTO RICO:

Fajardo: WCMA 96.5 CC (ex WDOY)
 Ponce: WZMT 93.3 CC (ex WOQI), FC to
 tropical // WZNT



CANADA

ALBERTA:

Banff: CKIS1 94.3 PG> 45w, XG

BRITISH COLUMBIA:

Chase: *NS 95.5 87 w wanted // CBTK-FM
 Tofino: *NS 101.7 50 w, adult standards
 Whistler: CISW 102.1 wants PG< 586w, XG

NEW BRUNSWICK:

Moncton: *NS 91.7 23,840 watt TEMPORARY
 station for 8th summit of French-speaking
 nations. "Radio Jeunesse 99" will operate
 August 21st to September 8th



NOVA SCOTIA:

Pt. Hawkesbury: CIGO 1410 wants 101.5, 19 kW

ONTARIO:

Barrie: CJLF 100.3 NW, religion "FM100"
 (<http://www.fm100.net>)
 Kapuskasing: *NS 94.1 50 w pop station wanted
 Kingston: CRTK is seeking applications for a new
 station for this market
 Kirkland Lake: CJKL 560 QG to 101.5, 23 kW,
 format will remain oldies

Ontario, Canada:

Kitchener: *NS 88.3 to be variety, 4 kW (Conestoga College)
 Newmarket: CKDX 88.5 FC to country "The Cat"
 North Bay: *NS 104.9 31 w, tourist info
 Toronto: *NS 93.5 applications are being considered here (and for 740 kHz, and possibly 106.3)
 Toronto: CKHC 90.7 QC from 91.7 (low power college station) (moved because of CHOW 91.7)
 Wingham: *NS 100.9 11.8 kW wanted to be // CBLA 99.1

PRINCE EDWARD ISLAND:

Summerside: CJRW 1240 QG to 102.1 - 11 kW (not 50 kW as in original application)

QUÉBEC:

Listuguj: *NS 105.1 50w: 33% Micmac (Native), 67% English
 Montréal: CBME 88.5 PG> 16.9 kW
 Rimouski: CFLP 1000 wants 102.9, 33.6 kW

SASKATCHEWAN:

Carot River: *NS 88.3 13w: relay CFMI 101.1 BC and originate 3 hrs/week in Cree & English
 Regina: CBK 540 wants 102.5 relay, 820

CBC Saskatchewan

watts.

sask.cbc.ca

PIRATE WATCH:

- **ANDOVER, MASSACHUSETTS.** A stereo station has been noted on 87.9 with light progressive rock. Power is maybe 5 watts, not very widespread coverage
- **LAWRENCE, MASSACHUSETTS.** A Spanish language religious station has been noted on 99.9 here, with good coverage - maybe about 100 watts.
- **SPRINGFIELD, MASSACHUSETTS.** Alan Michalek's *Northern FM DX* report mentions a 94.3 in this area with religious Spanish programming "United Christian Radio", with IDs in Spanish, and occasionally in English.
- **CHEBOYGAN, MICHIGAN.** The FCC shut down a pirate here that had been operating on various frequencies, including 91.1.
- **BUFFALO, NEW YORK.** There's been a pirate operating on 89.3 from the north side of the city, with decent coverage (perhaps about 50 watts). Plays just rock music and DMX digital music on occasion. With the recent sign on of the the WPCS translator in Buffalo on 89.3, he's apparently moved to 90.9

- **SEATTLE, WASHINGTON.** An Internet Web page (<http://maxpages.com/knsb>) is devoted to KNSB, a pirate here on 103.1, and 830. According to the page, the station just exited 94.5 when nearby KRXY 94.5 Olympia came on the air. They claim 103.1 is 500w, and 830 AM is 50w. They list their "official" data at "K276 (no class) 103.1 MHz KNSB BLFT65". Coordinates are 48-1-58 / 122-??-?? ("Ha! We're Not That Stupid!"). They claim to broadcast from Gedney Island, west of Everett, WA, with north-south coverage from Vashon Island to Point Roberts, and west-east from Quilcene to Granite Falls. Their tower is a 112' "weather-proof vertically polarised (sp), omnidirectional aerial (sp) located on the south end of Gedney Is. Due to the fact that we're broadcasting illegally, we can't tell you how far away our broadcast facility is from our tower! We take meter-readings every three hours and operate like any other commercial radio station, just without an FCC approved license" ... "We hope to bring Everett and South Whidbey Island some radio programming not normally heard on commercial stations around the Sound". KNSB is run by "Nervous Shatner Broadcasting Corporation", and can be e-mailed at knsb103@hotmail.com

- **Surrey, British Columbia** will not get it's own low power FM station. Community Communications, Ltd., had applied for a 27 watt FM station only powerful enough to reach this Vancouver suburb. The studies suggested \$6.5 million (CAN) on annual revenues could be realized. Several other Vancouver stations, in objecting to this proposal, termed that figure, "overly optimistic". The CRTC agreed, and denied the proposal
- Speaking of the CRTC, they are also taking applications for two major frequencies in the Toronto area: They're filling in AM 740, vacated by CBL-AM's move to FM, and 93.5, the last full power allocation in Metro Toronto. Formal applications must be received by September 20th.

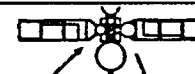


- An interesting situation up in Maine... (see the Maine section above). WMHB 90.5 Waterville (Colby College) recently discovered that it "doesn't exist". The station moved from 91.5 to 90.5 in 1982, but apparently did not get the paperwork straight. Meanwhile, Maine Public Broadcasting recently applied for "vacant" 90.5 in the area to expand its statewide coverage. This is especially odd because Colby has applied for license renewals with the FCC TWICE on this frequency! Charles Beck of MPB assures that the organization is operating in good faith. Two other college stations seem to be in trouble, their licenses being canceled by the FCC: WITC 88.9 Cazenovia, NY (Cazenovia College) and WPSA 98.3 Paul Smith's NY (Paul Smith's College). Both stations are silent for the summer and could not be contacted.
- The NAB (National Association of Broadcasters) filed a 500 page report against the FCC LPMF proposal on August 2nd. Using terms such as "chaos" and "more static", the NAB claimed the move would also threaten the move to IBOC digital radio. The NAB acquired some technical data from the FCC using the

Freedom of Information Act, and produced some interesting conclusions from this. Some NAB staff also purchased some common radios in Northern Virginia and tested them out. Their conclusion: the FCC's assertion that today's receivers can handle 2nd and 3rd adjacent channel interference is incorrect. (I have come across quite a few radios though, that can do this, if there is a signal in the place). NAB's Jeff Baumann said: "You can't make half a billion pieces of consumer electronics obsolete in order to put in a 100-watt radio station."

- Whether DXing, or listening to a local station, you've probably heard the new Emergency Alert System (EAS). This system is traditionally thought of being used for a specific acute crisis (a tomado, chemical spill, etc.). M Street reports, however, that the system was used recently to alert people about the recent heat wave plaguing the eastern 2/3 of the country. The EAS system was used for heat advisories in New York, Florida, and Michigan.

SATELLITE NEWS



GEORGE W JENSEN
 4904 ANNTANA AVE
 BALTIMORE MD 21206-4220

Not a great deal to report this month. Little in the way of new stuff and a few departures.

GALAXY 5
 XPDR 10 - MOR the music shopping channel has been replaced by occasional infomercials.

SATMEX 5
 Digital channels from 750 to 776 have disappeared - present location may be on Solidaridad.

13 - XHDF - TV Azteca Trecevision has been here parallel to transponder 15 - reason?????

GE Americom W1 - C band

23 - TV Games Network - horse race betting channel ?? VC2

753 - H-Tv - is no longer seen here at all.

Ku-Band 22 - The Chinese network from Los Angeles is no longer here - It is now part of a suite of foreign channels being located on Telstar 5 Ku-Band. You have to purchase their small dish for reception and the suite will include Abu Dhabi and Kuwait TV, Saudi and Syria TV, IRIB from Teheran, Ch 5 Bangkok with others to be added when a second transponder becomes available. This is NOT in the \$DTV format.

GALAXY 3 Ku Band - XPDR 16 - DirecPC

GALAXY 7 - delete Military Channel from XPDR 8

SPACENET 4 - It is anticipated that all 3 West Coast feeds of Prime Time 24 (KNBC/KPIX/KOMO) will be history by the time you read this. Also on the same bird - WWOR on XPDR 14 was supposed to be replaced by BBC America some time ago - but as of 8-10-99 - it's still there.

Believe it or not - that's all for this month - see you in 30. I hope that this is leaving space for a mammoth issue of great skip.

George



SNOW FREE!

When WTFDAer Charles Burnham sent me copies of a few test patterns in his collection I almost fell out of my chair. I thought he had come across original artwork from either RCA or ABC; perhaps through his engineering position with ABC. No so, he reported. His wife is a professional graphic artist and had recreated them from old Kodak snapshots. Talk about a fantastic job. Since ABC writes Burnham's check, I decided to let this custom pattern serve as a teaser for many more equally beautiful and interesting. Next time you'll see a collection in the size normally used in this column. Meanwhile this one solo print screamed out for undivided attention.



All five of the original ABC owned and operated television stations were on channel 7. They were WABC-tv, New York; KABC-tv, Los Angeles; WLS-tv, (ex WENR-tv) Chicago; WXYZ-tv, Detroit; and KGO-tv, San Francisco. All of them used the distinctive encircled 7 which is prominent in the 'bullseye' section of this historic WABC-tv pattern recreation.

WESTERN TV-DX

September 1999

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

Welcome to new reporters Mitschler & Sittel:

Paul Mitschler, 1906 All American RD, Hanover, KS, 66945 Ldendron@msn.com

June 1999	CDT		miles
3 tr 0755	K39BR	39 KS Junction City	57
	KAUT	43 OK Oklahoma City	299
	K14HK	14 KS Great Bend	143
	K69HT	69 NE Columbus	112
	KUJH	14 KS Lawrence	114
	KMIZ	17 MO Columbia	243
	K26CR	26 MO Kansas City	139
10 Es 0659	WEDU	3 FL Tampa	1170
	WESH	2 FL Daytona Beach	1175
	WPBT	2 FL Miami	1495
	XEFB	2 NL Monterrey	992
	WUFT	5 FL Gainesville	1107
	WJXT	4 FL Jacksonville	1067
	WBRC	6 AL Birmingham	692
14 Es 0830	WESH	2 FL Daytona Beach	1175
18 Es 1053	KYW	3 PA Philadelphia	1142
	WPSX	3 PA Clearfield	952
	KDKA	2 PA Pittsburgh	854
	XHAQ	5 BN Mexicali	1153
	KTLA	5 CA Los Angeles	1240
	KMOH	6 AZ Kingman	975
	KVBC	3 NV Las Vegas	998
	KCBS	2 CA Los Angeles	1240
	KCRA	3 CA Sacramento	1287
	KSYB	6 CA San Luis Obispo	1315
	KEYT	3 CA Santa Barbara	1292
21 Es 1009	WESH	2 FL Daytona Beach	1175
	WEDU	3 FL Tampa	1170
	WJXT	4 FL Jacksonville	1067
	WUFT	5 FL Gainesville	1107
	WKMG	6 FL Orlando	1188
	WCTV	6 GA Thomasville	927
22 Es 0857	WUND	2 NC Columbia	1085
23 Es 1800	WBRZ	2 LA Baton Rouge	721
26 Es 1529	WUND	2 NC Columbia	1085
	WRAL	5 NC Raleigh	1015
	WUNC	4 NC Chapel Hill	1000
	WBTV	3 NC Charlotte	923
	WECT	6 NC Wilmington	1096
28 tr 0827	K22CX	22 NE Lincoln	89
	K20BU	20 KS Russell	127
	K53EY	53 NE Omaha	88

July 1999

1 tr 0802	K15DD	15 KS Wichita	150
	KFAA	51 AR Rogers	296
15 tr 0721	KVBM	45 MN Minneapolis	404
22 Es 0723	CFAC	2 AB Calgary	1137
24 tr 0723	K18EC	18 NE Omaha (snowfree)	88

	0724	K5777	57 carrying KPTM-42	
	0730	K68DK	68 KS Overland Park	134
25 tr 0923	KXTX	39 TX Dallas		505
	KBSD	6 KS Ensign		243
27 Es 1450	KBCI	2 ID Boise		1022
	1458	KLEW	3 ID Lewiston	1111
30 tr 0328	K23AA	23 carrying KEYC-12		
	0756	K1477	14 carrying KHAS-5	
	0800	K30AE	30 OK Alva	220
		K38AK	38 OK Ponca City	220
		K69GO	69 OK Tulsa	275
	0906	K68EH	68 OK Ponca City	220

It has been great to see some Es from the west coast. The signals on 6/18 were exceptionally steady for about four hours. On June 18th, channel 5 from Mexico showed TV AZTECA XHDF TV 13 on the verticle bar but had no other ID. I have just started noticing KPTM-42 showing up on channel 57. Could this be from North Platt, NE? Also, I was able to find any listing for a channel 14 translator for KHAS-5 on channel 14. This fall, I received a very weak signal showing a test pattern from K21BZ on the KSU campus. According to Dave Pomeroy, it is used to broadcast campus programming. Reception of this is surprising as Topeka has a channel 21 low power station less than 60 miles away.

Matthew Sittel, 1731 Scarborough Drive, Apt. 2-I, Bellevue, NE 68123 76255.2171@Compuserve.com

May 1999	CDT		miles	
14 tr 0705	KMCI	38 KS Lawrence	153	
	0709	KSFY	13SD Sioux Falls	172
	0712	KTWU	11 KS Topeka	143
	0720	KTKA	49KS Topeka, calls in ad	143
	0727	KSNT	27KS Topeka, news	143
	0729	KTVG	17 NE Grand Island	126
	0730	KELO	11SD Sioux Falls, "Kelo"	172
22 tr 0618	KFPX	39IA Des Moines	125	
	0837	KSMO	62MO Kansas City,	158
		"WB 62,000"		
23 Es 1758	WFMY	2 NC Greensboro	940	
	1859	WUND	2 NC Columbia,	1124
		"UNC TV" logo		

June 1999

02 tr 0659	KDSM	17IA Des Moines	125	
04 tr 2217	KTIN	21IA Fort Dodge	133	
06 tr 0630	KWCM	10MN Appleton	282	
		"Pioneer Public TV" ID slide		
	0655	KTIV	4 IA Sioux City	98
	0656	KUSD	2 SD Vermillion, "SDPTV"126	
	0703	KDSD	16SD Aberdeen, // KUSD 326	
	0704	KSMN	20MN Worthington	174
	0705	KHNE	29NE Hastings, // KUON 132	

Western TV DX *Matt Sittel's report continued*

0744	KSNB	4NE Superior, Fox 4/17	135
0908	KYIN	24IA Mason City, //KBIN	199
0959	KFXA	28IA Cedar Rapids, ID	229
0959	KPXR	48 IA Cedar Rapids	229
1028	WOI	5IA Ames	136
09 Es 2002	CKAL1	2AB Lethbridge "The A-Channel"	1011
2035	CICT	2AB Calgary	1107
22 Es 1817	KASA	2NM Santa Fe	680
"You're watching the Simpsons on Kasa, Fox 2"			
1839	KNAZ	2AZ Flagstaff, local nx	946
1959	KAID	4 ID Boise, Idaho Pub.TV	1049
2030	KBCI	2ID Boise	1049
2059	KCWC	4WVY Riverton, ID	651
24 tr 0650	KHGI	13NE Kearney	166
0655	KGJN	11 NE Grand Island	126
26 Es 0959	WCVB	5MA Boston	1286
1029	WTVH	5NY Syracuse	1024
1129	WGRZ	2NY Buffalo	885
1131	KDKA	2PA Pittsburgh	836
1159	WMAR	2MD Baltimore	1028
1159	WTTG	5DC Washington, Fox 5	1014
1950	KBCI	2ID Boise	1049
July 1999			
01 Es 1656	WDTV	5WV Weston	831
1706	WTTG	5DC Washington	1014
02 Es 2307	KTVQ	2 MT Billings, Q2	705
2309	KHMT	4MT Hardin, Fox 4	667
06 Es 1828	WUND	2NC Columbia	1124
1835	WRAL	5NC Raleigh	1006
07 Es 1226	CICT	2 AB Calgary, 7 logo	1107
1300	CKCK	2SK Regina	767
"From CTV, this is the CKCK News at noon"			
1918	KWGN	2 CO Denver, WB2	487
2047	CICT	2AB Calgary	1107
09 tr 1235	KCPT	19MO Kansas City	158
1256	WQPT	24IL Moline, calls supered	283
1259	KLJB	18IA Davenport, Fox 18	275
23 tr 2139	KMWB	23MN Minneapolis, WB23	301
2207	KEYC	12MN Mankato, news, over KUON!	233
2225	KCRG	9IA Cedar Rapids, news 229	
2235	KTTC	10MN Rochester, ID	268
2320	KXLT	47MN Rochester, Fox 47	268
24 tr 0027	WHWC	28WI Menomonie, ID	331
0035	WFTC	29MN Minneapolis, ad	301
0539	KARE	11MN Minneapolis, news	301
0545	KIIN	12IA Iowa City, // KBIN	232
0621	WVTV	18WI Milwaukee, WB 18	433
0623	WDJT	58WI Milwaukee, CBS 58	433
0625	KFXA	28 IA Cedar Rapids	229
0627	WMSN	47WI Madison, Fox 47	364
0627	KFXB	40IA Dubuque, // KFXA-28	288
0628	WHA	21WI Madison, ID	364
0628	WHLA	31WI La Crosse, // WHA	304
0643	WKOW	27 WI Madison, Iowa Co ad	364
0825	WJJA	49WI Racine, ID	433
0923	KRIN	32 IA Waterloo, w//KBIN	207

0929	WVCY	30WI Milwaukee, ID	433
0933	WMTV	15WI Madison, audio	364
over local KXVO, logo floater under KXVO!			
0941	WCGV	24WI Milwaukee, ad	433
25 tr 0825	KTTC	10MN Rochester	268
0855	KIIN	12 IA Iowa City	232
0858	WQPT	24 IL Moline	283
27 tr 0703	KNLJ	25 MO Jefferson City	267
28 tr 1708	KFXA	28 IA Cedar Rapids, 28/40 229	
1713	KFXB	40IA Dubuque	288
1714	KPXR	48 IA Cedar Rapids	229
1747	KMWB	23MN Minneapolis, WB23	301
1748	WFTC	29MN Minneapolis	301
2035	WDJT	58WI Milwaukee	433
2037	KGAN	2 IA Cedar Rapids, ID	229
2052	K25AA	25 IA Rock Rapids, IPTV	157
2112	WHPN	57 WI Janesville, UPN 57	373
2115	KPKM	41 MN St. Cloud, PAX	319
2130	KXLT	47 MN Rochester	268
2131	WPXE	55 WI Kenosha, PAX	431
2133	K52BH	52 IA Ames, TBN	136
2135	KTTC	10 MN Rochester	268
2145	K66ET	66SD Sioux Falls, TBN	172
2154	WMSN	47 WI Madison, Fox 47	364
2159	WHA	21WI Madison	364
2213	WHBF	4 IL Rock Island, calls	281
2215	K35CS	35IA Des Moines, TBN	125
29 tr 0632	KMBC	9MO Kansas City	158
0633	KCTV	5MO Kansas City	158
0643	KDNL	30MO St. Louis, ABC 30	351
0645	K56AU	56MO Columbia, TBN	243
0658	KMIZ	17 MO Columbia	243
0708	KSNF	16 MO Joplin	288
31 tr 0615	KEYC	12MN Mankato	229
1024	KTTC	10MN Rochester	268
1026	KXLT	47MN Rochester	268
1028	KFXA	28 IA Cedar Rapids	229
1028	KPXR	48 IA Cedar Rapids	229

The tropo on July 23-24 were fantastic, with some great signal strengths, even with indoor antennas! Skip dropped off to nothing in early July after a good start. But I did manage to ID some stations before then that I've never seen from any other DX location, namely the western ones like KNAZ-2, KAID-4 and KBCI-2, also the 2's in Alberta were a treat too (thanks to Doug Smith for his help in ID'ing those).

Best of DX to all and 73s, Matt.

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO
ac001984@acnet.net,
FTD is furthest tropo of the day. TSLD Total of stations logged on the day.
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.

July 1	CDT	miles
0315	WXVT	15 MS Greenville 794
	KDTX	58 TX Dallas 518

Western TV DX *F. Garcia's report continues*

	KHSX	49 TX Irving	518
	KXTX	39 TX Dallas	518
	KDAF	33 TX Dallas	518
0330	KTXA	21 TX Fort Worth	518
	KDFI	27 TX Dallas	518
	KFXK	51 TX Longview	557
	KETK	56 TX Jacksonville	532
	KASN	38 AR Pine Bluff	772
0345	KHBS	40 AR Fort Smith	730
0400	KUVN-LP	31 TX Fort Worth UNI	521
	KLDT	55 TX Lake Dallas	544
	KTVJ	48 AR Jonesboro	896
0445	KYPX	42 AR Little Rock	803
0615	KLRT	16 AR Little Rock	782
	KERA	13 TX Dallas	518
0630	KVTH	26 AR Hot Springs	739
0715	KFWD	52 TX Fort Worth	522
July 2			
0715	KXAS-DT1	41 TX Fort Worth	
	FTD	TX Dallas	518
	TSLD TX (5)		
July 4, 6, 9			
	FTD	TX Dallas	518
	TSLD TX (1)		
July 10			
0530	K68FU	68 TX Laredo HSS	137
	ID Bars as K68F, U is missing		
	FTD	TX Dallas	518
	TSLD TX (1)		
July 14			
0345	KVHP	29 LA Lake Charles	530
0645	KADN	15 LA Lafayette	586
0700	KLNM-LP	42 TX Lufkin A1	520
	KMSS	33 LA Shreveport	615
2200	KPLC	7 LA Lake Charles	548
	KLPB	24 LA Lafayette	567
	FTD	LA Shreveport	615
	TSLD LA(5),TX (3)		
July 15			
0130	KLAX	31 LA Alexandria	618
	KPXD	68 TX Arlington	518
0345	K65CE	65 LA Shreveport TBN	615
0400	KLTS	24 LA Shreveport	616
0430	KTAQ	47 TX Greenville	574
0645	KPXJ	21 LA Minden	640
	KWHB	47 OK Tulsa	765
0700	KAUT	43 OK Oklahoma City	706
	KTFO	41 OK Tulsa	766
	KWMJ	53 OK Tulsa	766
	KMPX	29 TX Decatur	537
	FTD	AR Pine Bluff	772
	TSLD AR(1),LA(7),OK(4),TX (12)		
July 16			
	FTD	OK Oklahoma City	706
	TSLD OK(1),TX (2)		
July 19,20			
	FTD	TX Dallas	518
	TSLD TX (1)		
July 21			
2000	KTLM	40 TX Rio Grande City	114

Telemundo

July 23			
	FTD	LA Lafayette	586
	TSLD LA(3),TX (5)		
July 24			
0815	KLTL	18 LA Lake Charles	548
0900	WVLA	33 LA Baton Rouge	633
	WLPB	27 LA Baton Rouge	638
	FTD	LA Baton Rouge	638
	TSLD LA(7),TX (5)		
July 25			
0430	unid ch 52 with KXXV-25		
0600	KOPX	62 OK Oklahoma City	705
0645	KSBI	52 OK Oklahoma City	692
0700	KOKH	25 OK Oklahoma City	703
0800	K63FL	63 TX Abilene PTCB	467
	FTD	OK Oklahoma City	706
	TSLD OK(4),TX (11)		
July 26			
	FTD	TX Dallas	518
	TSLD TX (2)		
July 27			
	FTD	LA Lafayette	586
	TSLD LA(1),TX (1)		
July 28			
	FTD	LA Lafayette	586
	TSLD LA(2),TX (8)		
July 29			
2130	WUPL	54 LA Slidell	705
	WNOL	38 LA New Orleans	694
	WLAE	32 LA New Orleans	694
	KLAF-LP	62 LA Opelousas	600
	WPXL	49 LA New Orleans	688
	WGMB	44 LA Baton Rouge	633
2145	WGNO	26 LA New Orleans	694
	K69HD	69 LA Church Point	586
2200	K56DR	56 LA Baton Rouge TBN	633
	K66FI	66 LA Opelousas TBN	599
	K49DE	49 LA New Iberia TBN	596
	KAJN-LP	40 LA Lafayette	586
		under KTLM	
	K46DG	46 LA Lafayette	587
2215	KLFT-LP	21 LA Lafayette Box	592
	FTD	LA Slidell	705
	TSLD LA(23),TX (9)		
July 30			
0130	WMAU	17 MS Bude	697
0630	KSHV	45 LA Shreveport	616
	W61BC	61 LA Shreveport Box	614
	FTD	AR Pine Bluff	772
	TSLD AR(1),LA(11),MS(1),TX (7)		
July 31			
0815	K30EA	30 TX Texarkana TBN	651
0830	KTVV-LP63	AR Hot Springs	
	KSST-LP	55 AR Hope PAX	682
	FTD	AR Pine Bluff	772
	TSLD AR(3),LA(6),TX (11)		
Worst month of July since 1992. State of Alabama was into log every July, years 92-98 73's Fernando			

Western TV DX

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744 pjdyer@juno.com

July 1999 (all Es)	GMT	miles
23 1953 KWGN	2 CO Denver	803
23 2031 KTWO-	2 WY Casper	1012
23 2159 KIDK	3 ID Idaho Falls	1242
26 1529 WPBT	2 FL Miami	1149
26 1712 KIDK	3 ID Idaho Falls	1242
26 1805 KTVK	3 AZ Phoenix	838
26 1859 KVBC	3 NV Las Vegas	1054
26 2323 WTWO	2 IN Terre Haute	928
26 2338 WDTN	2 OH Dayton	1078
27 0115 WAVE-	3 KY Louisville (IN)	976
27 0322 WBAY-	2 WI Green Bay	1184
27 0325 WISC-	3 WI Madison	1065
27 1410 KWGN	2 CO Denver (WB net)	803
27 1424 KTWO-	2 WY Casper	1012
27 1455 KTVS	3 CO Sterling	808
27 1542 KTVQ	2 MT Billings	1247
27 1629 KDLO	3 SD Garden City	1072
27 1715 WISC-	3 WI Madison	1065
27 1917 KGAN	2 IA Cedar Rapids	962
28 0156 KUSD-	2 SD Vermillion	944
28 0228 WJBK-	2 MI Detroit	1240
28 0259 WSJK-	2 TN Sneedville	1012
28 0315 WSIL	3 IL Harrisburg	792
28 0324 WBBM-	2 IL Chicago	1055
28 0325 WCIA	3 IL Champaign	932
28 0637 KGAN	2 IA Cedar Rapids	962
28 1539 KWGN	2 CO Denver (WB logo)	803
28 1610 XHP-	3 Pu Puebla Note 1	715
29 0100 KUTV	2 UT Salt Lake City	1085
29 0109 KCBS-	2 CA Los Angeles	1188
29 1857 XHBC-	3 BCN Mexicali	1024
30 0155 XHCHN-2	GR Chilpancingo	800
August 1999 (All Es)		
03 1350 KTVI	2 MO St. Louis	783
03 1355 KDLO-	3 SD Garden City	1072
03 1449 KNOP-	2 NE North Platte	820
03 1451 WAVE-	3 KY Louisville (IN)	976
03 1459 KPRY-	4 SD Pierre	1008
03 1529 WDIQ	2 AL Dozier	740
03 1558 WESH-	2 FL Daytona Beach	1044
03 1828 KTWO-	2 WY Casper	1012
03 1858 KOTA-	3 SD Rapid City	1047
TV f/out c. 2045z		

Note 1 The 03-04z period (when many stations had local programming) was notable for "surging" QSB, causing video synch cycle shifts of 1-2 seconds (not very conducive for reading those teeny news logos, e.g., Chicago).
 05 1455 KTWO- 2 WY Casper 1012
 05 1503 KWGN 2 CO Denver 803
 several more uniD's; spots of MUF thru Ch 4 with TV f/out near 2030z.
 09 1334 WSJK- 2 TN Sneedville 1012
 09 1356 WTWO 2 IN Terre Haute 928
 09 1412 WCIA 3 IL Champaign 932

09 1430 WAVE- 3 KY Louisville (IN) 976
 f/out 1500z, resurge 1545-1600+z to n or nw
 10 0044 WDTN 2 OH Dayton 1078
 10 0047 WAVE- 3 KY Louisville (IN) 976
 much QSB with multi uniD's & some Ch 4; TV f/out after 0200z.

Since KTVI (Fox 2) in St. Louis doesn't seem to have a Web Site with programming it can be a pain differentiating them from WJBK (Fox 2) in Detroit. <http://www.clicktv.com/> is of some use, but it is awkward as the ZIP codes of any desired area schedules need to be entered. The checking of non near-current (archival) programming is limited too.

John Ebeling, 6843 Cty Rd 47, Alborn, MN 55702

Here is my report from Northern Minnesota: Set used is a GE (RCA) 19" CTC 185 chassis & two antennas, one fixed in a SE direction outside and one in a S direction attic mounted.

May 1999 CDT
 28 Es 1100 KMID 2 TX Es ch 2-6, went to FM
 30 Es 1200-1300 Various stations on ch 2, Indy 500; festival on a big stage with Spanish Singing; baseball game. Then at 12:50 had "CRIT" on screen
 31 Es 1100 uniD 2 Canadian with 416 area code number (Toronto A.C.)

June 1999
 05 Es 1130 KETS 2 AR -1330 strong pix
 08-12 gone to Canada, no FM Es noted up there
 26 Es 0900 SE USA 2 Carolinas "News 2" ABC.
 WCBS-2 SC?

0915 WFMY 2 NC to FM excellent opening
 1330 WRAL 5 NC
 28 Es 1115 KDTN 2 TX Weak Es

July 1999
 01 Es 1100 KENS 5 TX Es 2-5
 1600 WSB 2 GA
 1630 WDIQ 2 AL
 1640 WTVY 4 AL
 1645 WCBG 4 MS
 1650 WKRG 5 AL to FM excellent opening
 2230 uniD 2 SC Ford dealer's ad

03 Es 0001 KMID 2 TX
 04 tr 0005 WAOV 9 WI Wausau, excellent prop
 0007 WSAW 7 WI
 Es 1420 WWL 4 LA

2100 Es wild, to FM
 2259 WYFF 4 SC (Calls in VBI-different)
 2300 WSB 2 GA

06 Es 1730 WDIQ 2 AL
 WSB 2 GA another great opening
 1800 WUFT 5 FL to FM

2130 Still Es on ch 2
 07 Es 0900 WFMY 2 NY weak Es (opening picked up & provided a good FM day.)

19 Es 1000 2 ABC,CBS,&PBS
 1030 WCBG 2 SC
 1032 WFMY 2 NC

Western TV DX John Ebeling's report continues

Also had some Es from my home in Bloomington, MN. The only open channels there are 3 and 6. The set used is an old 19" Zenith (transistorized) and monopole antenna mounted on the set.

May 18 Es 1630 KATC 3 LA
 June 20 Es 2145 uniD 3 CTV in LRHC

Haven't been home too much this summer--most of the time was spent at my cabin in Alborn.

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 Phone: (314) 839-9751 (prepaid only!) E-mail: N0UIHEric@aol.com
 World Wide Web: <http://members.aol.com/n0uiheric/k-index.html>

Equipment: Alaron 12-inch (30 cm) black and white TV, Radio Shack VU-210XR with RS Archerotor at 33 feet (10 m) above ground level.

All times CDT, all distances in miles, call changes are noted with a double asterisk (**)

All stations (E-skip, except where noted) heard between 1700 and 2135 CDT July 6, 1999, with trop noted after that. Only new stations listed.
 1720 WLNE-6 New Bedford, MA/Providence, RI (ABC) (mixing w/WPVI)
 1958 WUND-2 Columbia, NC "UNC-TV" (WUNC-4), floating w/KTVI

1959 WTKR-3 Norfolk, VA (CBS) dominant o/WCIA
 2030 WTVR-TV 6 Richmond, VA (CBS), over WPSD
 July 8, 1999
 2310 WKEF 22 OH Dayton "NBC 22" 340
 2325 WXIX 19 KY Newport/Cincinnati, OH "Fox 19" 325
 2355 WBXX 20 TN Crossville/Knoxville "WB 20" 355

July 9, 1999 (trop)
 0027 WTHI 10 IN Terre Haute (Grade B) 170
 0036 WRGT 45 OH Dayton "Fox 45" (Grade B) 340
 0037 WXIN 59 IN Indianapolis "Fox 59" (local strength) 240
 0044 WHIO 7 OH Dayton (over WTVW) 340
 0059 WPTD 16 OH Dayton (over WUSI) 340
 0132 WCIU 26 IL Chicago 270

July 22, 1999 (trop)
 0330 WHMB 40 IN Indianapolis (over K40FF) 240/386

0337 WXIN 59 IN Indianapolis (snow-free) 240
 0340 WTTK 29 IN Kokomo "WB 4" (WTTV-4) 255
 0341 WNDY 23 IN Marion/Indianapolis "UPN 23" 290
 0343 Louisville, KY 32, 41 (both Grade A) 250
 0344 Bloomington, IN 42, 63 (both Grade B) 210
 0359 WSNS 44 IL Chicago "Telemundo 44" 270
 0401 WCPX 38 IL Chicago (over WBAK) 270
 0401 WFLD 18 IL Chicago (over WLKY) 270
 0403 WLF1 18 IN Lafayette (thru K18BT) 225
 0404 WCIU 26 IL Chicago 270
 0406 WPWR 50 IN Gary/Chicago, IL "UPN 50" 250
 0409 WKEF 22 OH Dayton (Grade B) 340

0410 WKOI 43 IN Richmond 305
 0424 WMTU 16 TN Jackson "UPN 30" (WMLT-30) 235
 0429 W39BH 39 IL Champaign (w/America's Store) 150
 0433 WSJV 28 IN Elkhart/South Bend "Fox 28" 305
 0434 WWTU 35 IL La Salle "All American Network" w/TBN 190
 0458 WFTE 58 IN Salem/Louisville, KY "UPN 58" 235
 (thru KPTN-LP)

July 25, 1999 (trop)
 0015 WTHR 13 IN Indianapolis 240
 0020 Dayton, OH 16, 22, 45 340
 0025 WGBO 66 IL Joliet/Chicago 225
 0028 WPTA 21 IN Fort Wayne "21 Alive" (over K210D) 320
 0031 WBDT** 26 OH Springfield/Dayton "WB 26" (ex-WDPX) 360

0033 WWHO 53 OH Chillicothe/Columbus "UPN 400" 400
 0037 WSTR 64 OH Cincinnati "WB 64" 320
 0041 WNIH 34 IN South Bend 300
 0042 WKJG 33 IN Fort Wayne "NBC 33" 320
 0043 WSJV 28 IN Elkhart/South Bend 305

0051 W47AZ 47 IN Indianapolis (with The Box) 240
 0054 WPWR 50 IN Gary 250
 0100 WSYM 47 MI Lansing "Fox 47" 365
 0115 WEHS 60 IL Aurora/Chicago 235
 0132 W68AA 68 IL Danville (with WAND-17) 175
 0222 WIPB 49 IN Muncie (over K48ER) 285
 0223 WTLW 44 OH Lima 360
 0224 WXIX 19 KY Newport/Cincinnati, OH "Fox 19" 325
 0249 WTVQ 36 KY Lexington "ABC 36" w/Super Doppler Radar 330

0319 WSFJ 51 OH Newark/Columbus "Spirit 51" 435
 2050 WKYT 27 KY Lexington 330
 2152 Louisville, KY 15, 21 (Grade B), 32 (A), 41 (local strength), 68 250
 2223 WDKY 56 KY Danville/Lexington "Fox 56" 315

The trop opening on July 8-9, following the E-skip opening into New England, Virginia and northeastern North Carolina, produced a new station in WBXX-20. They ID as "WB 20", which WDWB Detroit also uses. What convinced me that this was a station other than Detroit was the Knoxville area ads. WBXX is the first Knoxville area station to be seen at this QTH (and the station is licensed to a community some 50 miles west of downtown Knoxville!). The same opening brought in strong signals from Dayton and Indianapolis. Pretty much the same thing on July 22, along with Chicago, Elkhart/South Bend and WMTU-16. I was able to pull WFTE-58 through local KPTN-LP that morning. A few minutes later, I saw a promo for a program that airs on WFTE on LMA partner WDRB-41. July 25 saw my own farthest LPTV record broken, with W47AZ-47 Indianapolis making it in, with local WHSL-46 nulled. The reception beat W36AR-36 Lafayette, IN by 15 mi. I also saw my first TV translator in the form of W68AA-68 Danville, IL, relaying WAND-17. The main station was in very strong. I'm getting closer to the 300 station mark on TV.

July 26, 1999 (trop)
 2200 Evansville, IN 7, 14, 25, 44 (all Grade B) 165
 2330 WZTV 17 TN Nashville "Fox 17" 270
 2332 WNPX 28 TN Cookeville/Nashville 325
 2334 WPGD 50 TN Hendersonville/Nashville (Grade B) 265

Western TV DX *Eric Bueneman's report cont'd*

2335 WJFB* 66 TN Lebanon/Nashville 290
 2336 WBKO 13 KY Bowling Green 220
 July 27, 1999 (trop)
 0009 WKPG-LP* 43 KY Hopkinsville 205
 0010 WHTN 39 TN Murfreesboro/Nashville 295
 0030 WUXP* 30 TN Nashville "UPN 30"
 (floating under KDNL) 270

July 28, 1999 (trop)
 0006 K41OI 41 MO Jefferson City TBN 100
 0007 KDEB 27 MO Springfield "Fox 27" 190
 0012 KMCI 38 KS Lawrence "38 Family Greats" 255
 0013 Kansas City, MO 29 (Grade B), 41, 50 225
 0330 Chicago 26, 32, 38, 44 270

Two new Nashville area stations made it into this QTH on July 26-27, with WJFB-66, carrying home shopping. This station wasn't as strong as the other Nashville area stations. It was also nice to see WUXP-30 make it in, floating under local KDNL. This station was last seen as WCAY back in 1985. I also saw my first LPTV from Kentucky, in the form of WKPG-LP 43, carrying a local newscast. The next night, K41OI made it in only for the second time.

July 29, 1999 (trop)
 0423 WCGV* 24 WI Milwaukee (floating under KNLC) 320
 0425 South Bend 16, 22 (both Grade B), 34, 46
 (floating u/WHSL) 300

0428 WBND-LP* 58 IN South Bend
 (mixing with KPTN-LP) 300
 0429 WLAJ 53 MI Lansing "ABC 53" 365
 0430 Chicago 7, 26 (Grade B), 32 (B), 38, 44 (B) 270
 0529 WBGU 27 OH Bowling Green (over WCCU) 405
 2332 W57AO* 57 IL Robinson (w/TBN, thru W57BS) 145
 2334 W17AZ 17 IL Johnston City (w/3ABN, over WAND) 100
 2355 WYIN* 56 IN Gary "PBS 56" 250

The hottest day of 1999 so far (103 degrees F, 39 degrees C) started with WCGV-24 floating under KNLC, as three SE Wisconsin stations made it in on FM that same morning. My personal record for the farthest LPTV was not held by W47AZ very long, as WBND-LP 58 beat that record by 60 miles (97 km). It was the airing of "ABC World News Now" that gave it away. Also added another LPTV to my list with the reception of W57AO (through W57BS).

73, Eric (N0UIH)

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

This report is for July 1999. Only one day of Es was observed this month in Santa Barbara, July 25. I first noted at 1750 PDT CCI on local KEYT-3. Approaching 1800, PBS was noted on ch 2 (Amarillo TX?). The MUF was at least ch 4 and maybe ch 5. Signals were still in past 1900, then gone.

Here are the tropo conditions in coastal southern CA as observed on TV and FM.

01-03: Poor Heavy overcast; high boundary?
 04-05: Fair (VHF good). Cool marine reported
 06-07: Poor Shallow layer, little or no overcast
 08-09aft: Fair inland continues hot.

08-13 Out of town, Wasco & Turlock
 13 eve: None, apparently
 14-17AM: Poor 17 eve: Good
 18AM Poor 18 eve Good
 19AM Fair 19 eve Good (VHF very good)
 20AM Fair 20 eve Good (VHF very good)
 21-24: Fair (July 22 very good)
 25-31 Variably poor & into August.

Best of DX to all. Dennis

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

8 July 99 MDT
 Had some Es around 8:30 pm on 7/8, KSNK ch. 3 KS & KMTV ch. 3 NE. Not much seen since.
 23 July 99

One major Es opening in progress right now, MUF up past ch. 5, I have to be in & out today so will be taping ch. 3 & 5 (open here), this was going full blast at 10:30 am MDT, earlier this morning up to & beyond 2:30 am I was getting WDAF ch. 4 MO and KMTV ch. 3 NE. Rare to see Es that late (early), have taped both ch. 3 & 4 since 2:30 so will be giving a later report on this.

24 July 99
 Have looked over my early morning tapes, looks like skip lasted all night (morning) in & out. Also have checked over tapes started after 10:30 am, got KOAA ch. 5 CO & KWSK ch. 3 KS, skip is still coming in but seems to have died off after 12 noon but has been coming up briefly on ch. 3 all afternoon.

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455
 jkadet@macomb.com (309) 833-1809

Equipment: ICOM R-7100 w/ video adapter Canon AE-1 on tripod w/ auto advance and squeeze remote Screened Channel Master 7" UHF dish at 85° w/RDX Labs pre-amp, .500 hardline vertically polarized CM 1110 up 12° pointed 10 degrees above horizon, Winegard AP-8700 pre-amp, Microwave Filter FM trap, RG-11 Zenith N1310 13" color TV circa 1982 Zenith 9" AC/DC b&w circa 1979

Panasonic 9" b&w monitor

July 4, 1999 Es CDT
 1200 everything f/ FL except extreme north

1300 opening on 6M to Puerto Rico
 1336 WSAV 3 GA 780
 X— 3
 X— 6z
 X— 5+ XHGC-5 relay
 WLBT 3 MS 564
 1450 KGBT 4 TX 1070
 1456 X— 2z TV Azteca
 Canal 7 relay

1519 X— 4- XHDF-13 relay
 1728 X— 3+ had to be some thing new but never IDED in 1.5 hrs; sports
 1736 X— 5z XHGC-5 relay
 1757 KRGV 5 TX 878
 2000 WDSU 6 LA 727
 2030 KACV 2 TX 708

Western TV DX *J.Kadet cont'd*

2200 KXMA 2 ND 749
 KYUS 3 MT 10.5kW 864
 2300 KTVQ 2 MT 966
 CKND2 2 MB 818
 KXLF 4 MT 1157

July 5, 1999
 0800 WDIQ 2 AL 660
 0810 WBRZ 2 LA 702
 1045 KRIS 6 TX 962
 1050 X— 2z CB TP w/rumba mx; 1100 s/on; lost

July 6, 1999
 0840 usual FL chs. 2-6
 0900 KPRC 2 TX 799
 KYW 3 PA rare, yet 814

WWAY-3 NC same distance is a pest. And what is the deal with 38.2 KW in Yarmouth, NS? Never logged in Macomb by Frank or myself. Has anyone ever reported logging it?
 1430 WMAR 2 MD 747
 eve WTHR-DT 46 IN Indy (not going to officially log these until seeing a picture)

WFLD-DT 31 IL Chicago
 WNDU-DT 42 IN South Bend
 tr got as far west as Topeka and east as Columbus

July 7, 1999
 1045 all the usual NC chs. 2-6
 1325 CKCK2 6 SK 953
 CFQC2 6 SK 30.3 kW 1194
 CKOS 5 SK

1353 CHSS 6 SK 11 kW 1016
 1408 CBKFT2 3 SK 15-20kW 1134
 CFSS 3 SK 873
 chs.2-6 SK all the other

common SKs
 1600 WWAY 3 NC 813
 WNBC 4 NY 874
 WCBS 2 NY 874
 X— 2

1857 CKCK 2 SK 959
 CFSS 3 SK 873

July 8, 1999 tropo, Es > 1100
 0925 Minneapolis, Tulsa, northern AR all in well on UHF
 unID 67 Shopping;
 direction towards St. Louis; offset between minus and zero

K54ER 54 AR Jonesboro; TBN
 1035 unID 52+ CB TP no ID towards Huntsville
 1101 XEFB 2 NL 1162
 1806 KPRC 2 TX 799
 1945 XHY 2 YU 1348
 XHMEN 4 YU 1348

"Rugrats" in SS
 heard the 1 watt with dipole

beacon from Merida (Mexico) on 6M
 Am getting DTV snow on ch. 31
 right now from both WFLD-DT
 Chicago and WKRC-DT Cincinnati.
 They do not seem to be interacting
 with each other at all. The ch.31
 LPTV in Indy is also coming in
 atop WMBD-31's null.

July 1999
 09 Es 1655 WCBS 2 NY 874
 10 Es 0900 XEFB 2 NL 1162
 2214 CKCK 2 SK 959
 11 gw eve K49FC 49 MO 125
 St. Louis; 3ABN (ex-ch.48)

14 Es 0943 X— 2
 17 Es 1202 X— 2
 18 Es 1824 X— 2
 1959 WMAR 2 MD 747

19 Es 1100 unID FFC 2
 gw eve WAOE 59 IL CB TP
 w/ ID; testing 59
 21 Es 1115 WCBS 2 NY 874
 2212 CKCK 2 SK 959
 2222 unID 2z CBC north

22 Es 1740 WCAX 3 VT 951
 1746 CBFT 2 QC 930
 1759 CFAP 2 QC 1067
 CFCM 4 QC 1062

1810 CBFT2 3 QC 859
 23 Es 1107 WCAX 3 VT 951
 1107 WPTZ 5 NY 910
 1330 CFAP 2 QC 1067

24 tr 1147 KDLV 46 SD 377
 in all day
 2000 K34DB 34 MN

Redwood Falls; STV
 KAWB 22 MN 445
 lots of other MN xtrs up to Twin Cities

25 tr 0337 unID 55+ "Shop
 At Home" towards Cincinnati
 0410 WAOE 67- KY "A 1
 Net" 418

0415 W62CL 62z KY "Shop
 At Home"; Lexington 369
 0534 WXLV 45 NC 625
 0537 WUPN 48 NC 668

nice calls
 0630 WKFT 40 NC Fayetteville;
 in well for over an hour and easily
 separated from 40-Indy. 743
 0632 WUNL 26 NC 625
 0645 WCNC 36 NC 652
 WJZY 46 NC 510

also these VAs: WMSY-52,
 WBSN-47, WLFG-68 (boy do they
 get out)

0700 TWAPW-LP 60+ VA
 Voltron, so UPN. to ESE.
 26 tr 0100 WVEU 69 GA 578
 in until after 0515. Extremely
 strong at times.

0115 W52CT 52 TN 363

Nashville, CB TP w/ ID (but w/
 calls "W59AW") I did log W59AW
 once on ch. 59 but thought it
 moved to ch.68. This gets
 confusing.

WGAP-LP 68 TN 363
 Nashville; the Box
 0210 WATL 36 GA 576
 TP w/ ID

WGNX 46 GA 576
 0312 WDMA-LP 47++GA 501
 Dalton; "America 1 Net"

0315 WPXA 14 GA 523
 WHSG 63 GA 599
 CB TP w/ dual ID (other W55BM)
 WSST 55 GA 701

0407 W55BM 55 GA 557
 ditto WHSG-63 above
 0420 WCLP 18 GA 511
 CB TP w/ ID

WSB-DT 39 GA
 ripping up the channel w/ their
 DTV Snow

WGNX-DT 19 GA
 0505 WJNK-LP 61 TN 363
 Nashville; 3ABN also Huntsville,
 Chattanooga were in well

Es 1200 WUND 2 NC 839
 WWAY 3 NC 813
 WCIV 4 NC 799
 WESH 2 FL 956
 WPBT 2 FL 1168
 KATC 3 LA 726
 KIII 3 TX 968

XHRIO 2 TAM 1081
 19 tr 0005 K68BJ 68z MN
 Redwood Falls; KARE-11 357

K54AC 54- MN 322
 St.James; WCCO-4
 K67AN 67z MN 390
 Granite Falls; KSTP-5

K63AU 63 MN 390
 Granite Falls; STV
 K65BA 65z MN 390
 Granite Falls; STV; CNN

K56BZ 56z MN 423
 Appleton; KARE-11; STV negative video
 K45DJ 45 MN 390
 Granite Falls; ESPN

K59BE 59 MN 390
 Granite Falls; STV; KARE-11
 K69DP 69 MN 390
 Granite Falls STV w/ MANY CW
 IDs (like heard 3 years ago)

W64AC 64 MN 357
 Redwood Falls
 K65FW 65+ MN 273
 Frost; KWCM-10

K51EN 51 MN 310
 Jackson; KMSP-9
 0144 K19CA 19 MN 322
 St. James; KEYC-12 TP

0148 K65FW 65 MN 273
Frost; cw ID
0151 K67FM 67 NE 285
Omaha EWTVN
0224 WXYZ-DT 41 MI
snowing over ch.41 in Peoria
WJBK-DT 58 MI
WDIV-DT 45 MI
WNDU-DT 42 IN
snowing over ch.42 in EVERY direction!
0330 W24AJ 24 IL 201
Aurora; :A 1 TV"
0355 K34DG 34 MN
Wilmar; TP (no CBC North warble, tho.
Do they use the warble tone? Not heard.)
K52AD 52z MN 322
St. James; KARE-11
0442 K33EC 33 MN 273
Frost; KARE-11
Also the Austin LPTVs. WAOE-59
was testing all night on reduced
power with their CB TP w/ID.
31 Es 1924 Cuba 6- 1292
WESH 2 FL 956
WPBT 2 FL 1168

August 1999
01 tr 2100 KPTH 44 IA
02 tr 0233 K25DS 25 KS
Junction City; TBN 7.3 kw
K36DF? 64 MO Joplin;
KNLJ-25 caught tail end of cw ID "DF".
Doug lists this on ch.64 so I guess that's
their calls?
Es 1645 KPRC 2 TX 799
03 Es 0900 unID Xes 2-6
XEFB 2 NL 1030
XEFE 2 TAM CB TP w/ID
06 Es 1208 CKND2 2 MB 818
1209 CKCK 2 SK 959
1219 CBWFT2 2 MB 1047

The channels are filling up with
DTV snow. I think the best
strategy is to start logging these
as they come on the air before they
blitz each other into oblivion.
Some channels are being packed in
like sardines (ch.31 around here for
instance).. If they can put a ch. 26
and 27 next to each other on the
same tower and assign chs. 43, 44,
and 45 to Detroit then someday
"national wireless cable" could be
on dozens of channels in the same
market. I am beta testing a DTV-
NTSC card from Hauppauge. It
cannot find the driver for some
reason. Waiting to hear back from
their tech support..

Marvin Shults, RR #1, Toulon, IL
61483

March 1999 CST
04 Es 1900 WGBH 2 MA
1930 WLBZ 2 ME
07MS 0443 XHWX 4 NL Full
CB with TV Azteca XHDF TV13 in
blanking bar in the SS music on
tape.
May 1999 CDT
11 Es 1945 WJXT 4 FL
1948 WESH 2 FL
2030 WDIQ 2 AL
15 Es 2200 KTVQ 2 MT
16 Es 1820 KPRC 2 TX
17 Es 1900 WGBH 2 MA
20 Es 1645 WESH 2 FL
1648 WPBT 2 FL
23 Es 2100 KXAS 5 TX
2105 KMD 2 TX
2110 KDFW 4 TX
2125 KPRC 2 TX
2125 KIII 3 TX
2130 WESH 2 FL

June 1999
01 Es 2000 XEFE 2 NL
2100 XEFB 2 NL
05 Es 0930 XEFB 2 NL
1055 KPRC 2 TX
10 Es 0520 Cuba 2
0529 WCBD 2 SC
0540 WEDU 3 FL
0600 WPBT 2 FL
0600 WFSU 5 FL
0610 WESH 2 FL
13 Es 1218 XEFB 2 NL
1236 XHGC 5 CH
1236 XHIT 4 CH
1345 KNAZ 2 AZ
14 Es 2100 X 2
2200 K 2 CBS West
16 Es 1459 WBRZ 2 LA
1459 WEAR 3 FL
1459 WKRQ 5 AL
1600 WCBD 2 SC
1900 KUTV 2 UT
1900 KSL 5 UT
1900 KTVX 4 UT
2000 WPBT 2 FL
2015 WESH 2 FL
18 Es 1925 WESH 2 FL
1928 WWAY 3 NC
1930 WPBT 2 FL
1950 WEDU 3 FL
19 Es 1355 C 2 CBC
C 3 CBC
20 Es 0900 WCBD 2 SC
20 Es 1029 WPBT 2 FL
1030 WUND 2 NC
1830 WGBH 2 MA

1830 WFSB 3 CT
1855 WNBC 4 NY

Mike Cherry, VE7SKA, Box 631
Ganges PO, Salt Spring Is. BC
V8K 2W2 CANADA
July 1999 UTC Azimuth
10 Es 1759 KTVU 2 CA 175 °
14 Es 1844 KREG 3 CO 120 °
1858 KTVS 3 CO 120 °
1900 KTWO 2 WY 120 °
2000 KNAZ 2 AZ 150 °
16 Es 1630 KTVU 2 CA 180 °
29 Es 0156 KTVN 2 NV 175 °
0214 KVBC 3 NV 175 °
0258 KPHO 5 AZ 155 °
0300 KVOA 4 AZ 155 °
0313 KTVK 3 AZ 155 °

The short-lived rise in the MUF to ch 5
Phoenix was short-lived & never got
above that frequency

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

July 1999 CDT miles
4 Es 0947 unid 3 SS
1057 WUNC 4 NC 790
UNC TV
1202 WDIV 4 MI logo 935
1229 KMTV 3 NE 790
1234 WOWT 6 NE ID 790
1235 had to leave
1856 back - SS 3 audio
1859 KXJB 4 ND'KX 4' 1130
5 Es 0922 KMTV 3 IA ID 880
0944 WTAE 4 PA ID 930
1457 WUNC 4 NC 790
1500 WRAL 5 NC ID 810
6 Es 1857 unid 3,5
7 Es 1807 Cuba 3, 4, 5
1857 WEDU 3 FL ID 550
WFOR 4 FL 745
Dade Co. ment'd.
WPTV 5 FL logo 720
1902 WTVJ 6 FL
9 Es 1218 unid 3 SS
w/Flintstones (no words in theme!)
26 Es 1800 KPRY 4 SD 1080
KSFY ID
2124 KDBC 4 TX 910
27 Es 1929 CBWCT14 ON Note 1
1947 WTAE 4 PA bug 930
2159 KENW 3 NM ID 760
2235 KOAA 5 CO 940
"channels 5 & 30"
30 Es 1928 unid 4, spinning 4 ID,
"Saber" show

1940 XHBQ 3 ZA 885
supered ID
31 Es 1758 CKVR 3 ON 1130
416 area code, Love Boat
1813 WDIV 4 MI 935
logo, local nx promo
tr 2255 KWEX 41 TX 445
KVDA 60 TX 445

August 1999
2 Es 2137 KDLH 3 MN 1080
Duluth ment., CBS
4 tr 0715 KLRT 16 AR Fox 305

Note 1 - CBC sports, Manitoba Hydro
ad, "here in Winnipeg" heard. E-skip
took a long break in July, but it came
back strong the last week of the month.
Nice to bag a new Mexican, but missed
a chance on the CBC unid.

Danny Oglethorpe, P.O. Box
6688, Shreveport, LA 71136-6688
Email: doglethorpe@yahoo.com

Tropo: No relogs under 400 miles; no
LPTV relogs under 200 miles.
Es: Only the most productive day of
each week. Plus new loggings.

July 1999 UTC miles
1 Es 1528 KNAZ 2 AZ 1045
1545 KPRY 4 SD 900
1630 KXMA 2 ND 1110
1638 KDUH 4 NE 852
1645 KIVV 5 SD 987
1705 KWGN 2 CO 806
1758 KGWN 5 WY 859
KLBY 4 KS 633
1805 KCNC 4 CO 806
1820 KOAA 5 CO 734
1835 KCSG 4 UT 1151
2105 KVOA 4 AZ 1004
2145 WMAR 2 MD 1072
WRC 4 DC 1042
2150 WTOM 4 MI 1042
WTTG 5 DC 1042
2155 WBBM 2 IL 737
2200 WKBP 5 MI 1063
2205 WGRZ 2 NY 1091
2212 CKPR 2 ON 1130
2215 WDIV 4 MI 904
2223 CHFD 4 ON 1130
2225 WNEM 5 MI 943
2246 WUNC 4 NC 875
2250 WRAL 5 NC 896
WFMY 2 NC 838
2257 WUND 2 NC 1031
2301 WCCO 4 MN 870
2304 KSTP 5 MN 869
2 Es 0020 WPBT 2 FL 939
0045 Cuba 2
4 Es 1405 WUND 2 NC 1031

WCBD 2 SC 805
1503 WCSC 5 SC 805
1525 WAGA 5 GA 551
1534 WRAL 5 NC 896
WUNC 4 NC 875
1607 WYFF 4 SC 676
1630 XHG 4 JAL 1003
1643 XEDK 5 JAL 1003
1740 unID 6 Mexico;
Circle 6 logo (Floating)
1750 XHY 2 YUC 830
1755 KPHO 5 AZ 1065
1759 XHFM 2 VER 950
1815 XHTV 4
1850 WBAY 2 WI 892
WJBK 2 MI 904
1910 KDBC 4 TX 746
XEPM 2 CHIH 746
1930 XEJ 5 CHIH 746
2220 Cuba 2
2340 WTAE 4 PA 945
2348 KTCA 2 MN 869
5 Es 0023 WTMJ 4 WI 801
0029 WTOM 4 MI 1042
0120 WKBP 5 MI 1063
CHFD 4 ON 1130
0230 CKPR 2 ON 1130
13 tr 0914 K26EYI 26 TX
Austin; TBN
15 tr 0830 Valley 7, 9, 17, 23, 44
About 500
0915 Valley 12 (Floating), 14
1015 K47DF 47 TX 385
1050 Laredo 8, 11, 27 -81
1220 KNVO 48 TX 506
Over KTMD Houston
1350 KVTV 13 TX 481
16 tr 1235 K44FO 44 TX 179
Dallas
1245 K28DJ 28 OK 126
Broken Bow
Es 1615 XEFB 2 NL 611
XEWO 2 JAL 1003
1640 XHG 4 JAL 1003
1700 XHAGU 2 AGS 896
22 Es 1658 KGFE 2 ND 1086
1800 XHFM 2 VER 950
2030 CIII2 2 ON 1225
2040 CHRO 5 ON 1287
2050 CKCO2 2 ON 1103
2055 CIII4 4 ON 1090
2057 WBAY 2 WI 892
2101 WTOM 4 MI 1042
2116 WNEM 5 MI 943
2217 CHBX 2 ON 1098
2315 CKPR 2 ON 1130
24 tr 1357 K44BQ 44 OK 230
Ardmore; TBN wOKC area code
26 Es 1523 XHY 2 YUC 830
1545 XHAGU 2 AGS 896
1615 XEFB 2 NL 611
1631 KNAZ 2 AZ 1045

1640 XHSMZ 4 ZAC 853
Note # 1
1713 XEWO 2 JAL 1003
1735 XHG 4 JAL 1003
2115 WJBK 2 MI 904
2123 WDIV 4 MI 904
2125 WGRZ 2 NY 1091
2135 WLWT 5 OH 695
2142 WIVB 4 NY 1091
WEWS 5 OH 917
WDTN 2 OH 735
2157 CKCO2 2 ON 1103
2210 KDKA 2 PA 945
2217 WNEM 5 MI 943
2217 WTTWO 2 IN 604
2259 WCCO 4 MN 870
KGAN 2 IA 672
27 Es 0316 CKPR 2 ON 1130
0334 KXJB 4 ND 1028
30 tr Channels packed from Texas.
1200 KTLN 40 TX 515
Rio Grande City
K33DB 33 TX 205
Over local
K53FV 53 TX 205
Valley 17, 23, 44, 54
1240 XHCNLT 34 NL
SS exercise show
31 tr 0830 KTLN 40 TX 515
Note #2
1010 KTXS 12 TX 318
Sweetwater; Note #3
1120 unID 43 TX
Southwest; infomercials

NOTES:
1 Supered "XHSMZ-04" upper right
on black rectangle 1159 CT. Moved
from channel 5 to 4.
2 New KTLN-40 puts in a better
signal here than any other Valley area
station.
3 KTXS-12 Sweetwater and KSAT-
12 San Antonio both floating on local
simultaneously!

COMMENTS:
We enjoyed a visit from Jeff Kruszka
in July. Thanks to Jeff for solving an
unID Cuban mystery for me: "Tele
Pinar" (Pinar del Rio) and "CH TV"
(Havana) are local broadcasts! If Jeff
hadn't taken an interest in getting the
facts about these local broadcasts in
Cuba, I (for one) wouldn't know that
Tele Rebelde stations air local
programming. Having seen unID
Cubans on channels 2-5 many times,
this is indeed welcome news.

Thanks to Doug Smith for channel 44
Dallas calls. Thanks to Fernando for
more bookkeeping help.

EASTERN TV DX

September, 1999

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

LOCAL TIME UNLESS OTHERWISE NOTED

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

July, 1999

03 Tr	1000	W17CH	17 NY	L.i. Box
	1145	WVH	23 NY	Selling
06 Es	1000	WSYX	6 OH	
	2200	KTBS	3 LA	
	2230	KATC	3 LA	
		WLBT	3 MS	
	2315	WWL	4 LA	
07 Es	1830	WBRZ	2 LA	
		KATC	3 LA	
16 Tr	1730	W18BB	18 NC	
		W19BM	19 VA	
		W24BI	24 VA	
		W31BG	31 VA	
		W35BH	35 VA	
		W36BK	36 VA	
	1800	W39BW	39 VA	
		W40AH	40 VA	
		W45BG	45 VA	
		W60AL	60 VA	
		W62CN	62 VA	
	2100	WNCT	9 NC	
		W18BS	18 VA	
		WEPX	38 NC	
		W66BZ	66 VA	
	2145	WNCN	17 NC	
		WRAY	30 NC	
		WUNM	19 NC	
		WRLH	35 VA	
		W56CS	56 VA	
	2215	WRAZ	50 NC	
		WCVW	57 VA	
	2230	W51BH	51 VA	
		W59CE	59 VA	
	2345	W20AT	20 NC	
		W21—	21 VA?	
		Family Net - Off.		
		517.725 who??		
17 Tr	0010	WRPX	47 NC	
		WUNP	36 NC	
		WDPB	64 DE	
		WAVY	10 VA	
18 Tr	Baltimore, DC area in AM			
22 Tr	0700	W33AK	33 NH	
		W36AZ	36 NJ	
Es	1630	KYTV	3 MO	
		WEDU	3 FL	
		WESH	2 FL	
		WPBT	2 FL	
23 Es	1830	WRBL	3 GA	
Tr	1830	WUNM	19 NC	
		WNCT	9 NC	

23 Tr	1830	WCTI	12 NC	
		WYDO	14 NC	
		WVEC	13 VA	
		7 LP's E. VA.		
24 Tr	0000	WYDO	14 NC	
	0030	WUNM	19 NC	
		WUNP	36 NC	
		WUNJ	39 NC	
	0035	WFXI	8 NC	
		WRAZ	50 NC	
	0105	WUPV	65 VA	
		WEPX	38 NC	
		WRAY	30 NC	
		WNCN	17 NC	
	0120	WRPX	47 NC	
		WUNK	25 NC	
	0148	WUNU	31 NC	
	0230	WCTI	12 NC	America's Store
26 Es	1900	KMTV	3 NE	

Doug Smith, Pleasant View (Nashville) TN EM66
 w9wi@bellsouth.net;
 http://personal.bellsouth.net/~w9wi

July, 1999

04 Es	1230	KENW	3 NM	956
	2040	KPLO	6 SD	841
		KDLO	3 SD	807
05 Es	1030	KENW	3 NM	956
		KACV	2 TX	827
06 Es	0958	WSTM	3 NY	736
	1009	CKVR	3 ON	672
07 Es	0938	KYW	3 PA	689
	0957	WFSB	3 CT	848
	0959	WGRZ	2 NY	628
	1030	WPSX	3 PA	567
	1122	CHBXI	2 ON	NOTE 2
	1128	WSTM	3 NY	736
	1155	CKVR	3 ON	672
	1218	KSVI	6 MT	1277
08 Tr	0018	KTVI	2 MO	233
	0500	KOLR	10 MO	329
25 Tr	2130	St. Louis 4/5/9/11/30/46, some under locals		
	2130	Cincinnati 48/64		234
		WCLJ	42 IN	214
26 Tr	0730	St. Louis still way up		
		WRSP	55 IL	268
	2343	W57BS	57 IL	251
27 Tr	0000	WEIU	51 IL	221
	0550	KLJB	18 (IL)	383

NOTE 1: Four-station ID w/KELO-11 and KCLO-15. Seen on 3 and 6 simultaneously on 2 different TVs.

NOTE 2: Phone number 1-800-TV2-2222, then "Algoma-U" inserted. Algoma University is in Sault Ste. Marie - Internet reverse search engines can't find this phone number. Email tentative report sent to CHBX.

This month's unIDs: Ch. 4 w/ID that looked like "10-13-4", PTA Colorado. Ch. 2 w/530-something phone number and ad for Hesperia St. in Cambridge. PTA northeast.

Harry Hayes, 9 Henry Street, Wilkes-Barre, PA 18702

Equipment: Quad loop w/RS amp., 6 ft. dish in attic w/RDX-901 amp.

July, 1999

06 Es	1830	KARK	4 AR
23 Tr	2300	Utica and Syracuse UHF's very strong	
27 Es	2017	KPRC	2 TX
31 Es	1902	WKRG	5 AL
		1905	WEAR 3 FL
		1920	WWL 4 LA

Eric Voytko, McLean, VA evoytko@erols.com

DX from Fairfax City:

July, 1999

22 Es	1917	CBWFT	3 MB	1249
		local news, french		
	1919	CBWT	6 MB	1249
		local news, english		

August, 1999

04 Tr	0545	WPDE	15 SC	330
		WJWJ	16 SC	464
		super strong over WBOC		
		WWMB	21 SC	363
		WHMC	23 SC	353
		WUNU	31 NC	296
		WUNP	36 NC	179
		through local WTTG-DT		
		WFXB	43 SC	357

NOTES: Finally confirmed CBWFT on the 22nd. I was about to leave work and checked the TV and there it was in near perfect for about 30 minutes. CBWT appears to be on the same tower. During 8/2 tropo. NC stations were so strong that WUNP-36 (1550 kw, 179 miles) was seen weak through WTTG-DT (1000 dw, 7 miles). Eric

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

Finally a chance to file a report. DX has been real good here especially since mid-June. I did see some E-skip in May and early June but not a lot. However, since mid-June E-skip has been super to say the least. Period of June 20-30 had E-skip on most days especially after 1700 hours with stretches of 4 days straight then skip a day and right back again. July 4-6 was as great as anything I ever saw. High band

skip on every channel and ID's on all but 12. channels 2-6 were so loaded that IDs were difficult but did ID a lot. There were days of early morning skip til noon then back again in evening. On a few days it never stopped all day - now to some details.

June 20 - 0800-1200, Kansas on all lows, Nebraska on 3, Oklahoma channels 2-6, Texas Wichita Falls, Houston, Fort Worth, San Antonio, Bryon Temple - Louisiana 2,3,4,5,6. 1700-2300, many of above plus Florida, North Carolina, South Carolina, Georgia, Alabama and Mississippi channels 2-6.

June 21, 22, 23 - E-skip 0900-1200, then evening very strong - Florida all channels, Georgia and most gulf states plus Texas, Oklahoma, Arkansas, Kansas and Nebraska all low band channels.

June 25-30 - E-skip on all days all low band channels - most of above states in plus Colorado, Iowa, North & South Dakota. Mostly morning and evening skip.

July 1-3 - no Dxing done on these days.

July 4 - late afternoon and evening skip - very intense - Florida all channels 2-6, North and South Carolina, Georgia, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Texas. At least 50 total E-skip seen and ided.

July 5 - E-skip - greatest opening ever seen - all day skip - no letup reaching high band in late afternoon and evening - every Gulf state in Tennessee, Alabama (very intense), Arkansas, Texas, Oklahoma, Kansas, Nebraska. Highlights: WTVG-9 Tennessee, WCIQ-7 Alabama, KTWI-11 Arkansas, KAIT-8 Arkansas, Alabama stations on 10 and 13. Station were 4 and 5 deep on channels 2-6. Buffalo 2 totally demolished; Buffalo 4 knocked out often. FM band loaded. Troops built up in evening - U's and V's from Columbus, Dayton, Cincinnati, Pittsburgh, Cleveland, and Louisville; Columbus 53 very strong.

July 6 - E-skip another massive E-skip opening more into Northern Texas, Oklahoma, Kansas, Nebraska all channels 2-6 strong morning and evening opening - still some in mid-afternoon.

July 7 - some E-skip - not strong- Michigan V's and U's, especially Battle Creek 43, Saginaw 49. some other tropo at various times and dates including Fort Wayne, also one opening into southern and central Illinois not recorded. Channel 40 - Toledo now on, seen after WLMB 40.

That's it for now. Bob

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

Equipment: Panasonic 19" TV, CM quantum 1110

VHF at 30 ft; Antennacraft P-7 UHF dish w/Winegard PA-4975 preamp at 38 ft (feedpoint); Alliance HD-73 rotor; RG-8 coax; Hi-Q traps for entire TV band

July, 1999

04 Es	1257	<u>KAUZ</u>	6 TX	822
	1433	<u>KIMT</u>	3 IA local ad	800
	1500	<u>KDTN</u>	2 TX calls floating	743
06 Es	2136	unID	3 Canadian (ON?)	
		"NCTV News" promo into CTV pgm [NTV? = NE] (RM)		
	2142	<u>CITO</u>	3 ON	1023
		Kapuskasig ad		
	2305	<u>WFSB</u>	3 CT calls	825
	2319	<u>WBZ</u>	4 MA calls	912
	2331	<u>WNBC</u>	4 NY local nx	731
	2336	<u>WLNE</u>	6 MA	887
		Matched ABC6 logo to website unID		
07 Es	1848		4 Mexico	
		"Televisa Mexico Canal..." in VBI!		
24 Tr	0958	<u>W42AO</u>	42 GA Note 1	46
25 Tr	2307	<u>WEHT</u>	25 IN	330
	2321	<u>WDKA</u>	49 KY	357
26 Tr	0714	<u>WTWV</u>	7 IN Note 2	333
	0725	<u>KBSI</u>	23 MO	384
30 Tr	1922	<u>WNAB</u>	58 TN	197
		Nashville 4, 8, 17, 22, 28, 30, 39, 50		
	2058	<u>WJFB</u>	66 TN Note 3	196
	2134	<u>WKGB</u>	53 KY	257
		Bowling Green 13, 24, 40 LPTV48		
	2237	<u>W15AP</u>	15 AL //WBRC-6	114
		Birmingham 6, 13, 21, 33, 40, 42, 44, 60, 68		
	2314	<u>WKZT</u>	23 KY	274
	2317	<u>WKPC</u>	15 KY	319
	2320	<u>WKSO</u>	29 KY Note 4	226
	2321	<u>WLKY</u>	32 KY local wx	319
	2328	<u>WDRB</u>	41 KY	318
31 Tr	2307	<u>WATE</u>	6 TN calls	144
August, 1999				
01 Tr	0147	<u>WVLT</u>	8 TN	145
		"Knoxville Courier..."		
	0326	<u>WCCE</u>	18 NC ID	220

Note 1: Under heavy tropo, W42AO was //WACH-57, 140 miles away, instead of WATC-57 at 60 miles. WACH was overriding WATC here, as well, 186 miles from WACH. Former WFTDA member John Broomall, WATC" underwriting director, often becomes distressed upon hearing my reception reports. His 57 has an awful signal and John has never even seen his channel 42. I expect Godzilla was raising eyebrows among John's viewers expecting a preacher.

Note 2: "Bullwinkle" on VHF at 7:14 am, it's like being a kid again!

Note 3: Thanks to Doug Smith for info on this station's new format? They're ValueVision.

Note 4: KET's 15, 23, 29, 53 with tape-delayed 6PM news from WKYT-27, closed captioned, with ads removed. Have seen WAVE-3's cast on KET before at this time, similarly altered. channel bugs (3, 27) really get your attention. 73, Jim

William McGuire, 2412 59th Pl., Cheverly MD 20785

Equipment: Admiral 13" color , rabbit ears

July, 1999

27 Tr	2245	WMDT	47 MD	120
		NYPD Blue; ABC unID		
31 Tr	1955		3	
		'ABC 3' logo; ads; 'Motown Live'		
	2045	<u>WMPB</u>	67 MD PBS	40
	2105	<u>WPSG</u>	57 PA	150
		Phillies v. Braves Baseball		
	2205	<u>WPHL</u>	17 PA	150
		10:00 news; station; PA logo		
	2227	<u>WHYY</u>	12 DE	120
		PBS Fundraiser; Station Logo		
	2245	<u>WVIR</u>	29 VA NBC movie	150
August, 1999				
01 Tr	0120	<u>WPPX</u>	61 DE Pax TV	120
02 Tr	2040	unID	64 Spanish Programming	
	2050	unID	58 Chinese Programming	

Jeff Kitsko, 1403 Mission Road, Latrobe, PA 15650-2844 JKKitsko@aol.com

Equipment: Archer VU-110 @ 20" w/Archerotor, Magnavox 20" television

June, 1999

17 Tr	0230	<u>WUAB</u>	43 OH	145
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July, 1999

06 Es	1825	<u>KQTV</u>	2 MO	819
	1930	<u>KSNW</u>	3 KS	982
07 Es	1245	unID	3	
	1300	<u>KFSM</u>	5 AR	887
		unID	5	
	1630	<u>KPRC</u>	2 TX	1159
31 Es	2130	<u>KFSM</u>	5 AR	887

If there is anyone who would like to trade TVGs, please let me know at my snail mail or e-mail address. My TV Guide home editions are the Pittsburgh Metropolitan and Adelphia Cable-Western PA, but I can also get the Johnstown-Altoona edition.

Russell Miller, HC 61, Box 86B, N. Amity, ME 04471 estvdx@javanet.com or estvdx@ainop.com

Equipment: UHF 7' CM dish, RDX Labs 902 PA, 32db gain, 4NF 60' 1/2" hardline, B&W TV - Icom R-100 760' ASL 60' AGL

July, 1999

22 Es	1350	48.250	Vannas Sweden	
		49.750(2)	Kunda Estonia	
		49.750(2)	Kohtla-Jarve Estonia	
		49.2487	Varanger Norway	
	1640	48.2564	Melhus Norway	
		48.2604	Steigen Norway	

26 Es	1355	48.2396	Gottlieb. Hohe Germany	
		49.7396	Hungary or Czek.	
		48.250(t)	Switzerland?	

August, 1999

05 Tr	0000	<u>WHRO</u>	15 VA	771
		<u>WVBT</u>	43 VA	753
		<u>WBOC</u>	16 MD	654
	0003	<u>WRAY</u>	30 NC Wilson	877
	0009	<u>WNJU</u>	47 NJ	485
		<u>WMDT</u>	47 MD	654
		<u>WXTV</u>	41 NJ	467
	0030	<u>WTFX</u>	29 PA	550
	0052	<u>WNYE</u>	25 NY	473
	0107	<u>Callis?</u>	65 VA Richmond	
	0113	<u>WUNPTV</u>	36 NC "L-R-L" 1/2 s	827
	0116	<u>W34BL</u>	34 MA	320
	0122	<u>WMPY</u>	22 MD PBS	649
		<u>WCPB</u>	28 MD PBS	654
	0127	<u>WMBCTV?</u>	63 NJ?	
		Shop at home (is Richmond VA on?)		
	0130	<u>WPPX</u>	61 DE	577
	0146	<u>WPXV</u>	49 VA?	771
	0201	<u>WGNT</u>	27 VA	765
	0208	<u>WUNJTV</u>	39 NC	966
	0212	<u>WYDO</u>	14 NC	867
	0222	<u>W39BW</u>	39 VA	755
	0310	<u>W40AZ</u>	40 DE Wilmington	577
		<u>W40AH</u>	40 VA Chesapeake	769
	0313	<u>W31BG</u>	31 VA Yorktown	746
		Value vision		
	0317	<u>W24OJ</u>	24 VA TBN	753
	0336	<u>WMGM</u>	40 NJ	594
	0334	<u>W60AL</u>	60 VA	683

Comments: Excellent tropo on August 5th. Real nice time. Video buzz to my amazement was in almost every day from Spain or Portugal. July 22 was interesting with "Auroral Es" indicated with 6 meter beacons from Greenland and due North. I'm guessing the video buzz was an AuE to Es link from Norway etc. I found 6 meters open to UK at this same time. Very interesting opening. The Icom 746 has a bandscope which helps to nail down video buzz frequencies by switching back and forth between USB and LSB to center the frequency. This combined with beam headings and maybe a little psychic awareness doesn't hurt, Hi Hi. With all the focus on F2 this fall, don't overlook a possible meteor storm on November 17 and thereabouts.

In regards to Jeff Kadets comments in the last VUD, page 55, he mentions receiving 1500+ mile signals from Southern California and normal one hop catches from AZ at the same time. Jeff states he is almost certain these 1500+ mile stations from California were one hop, and asks for comments.

The 1500+ catches may have been one hop extended by tropo. I often catch Miami + 1550 miles and believe it's usually double-hop but how can I prove it? I can't!

However, 6 meters has often been open via double hop to Texas, OK, CO etc. via double hop to my location. With NOTHING heard at the one hop distance, and NO TV skip.

My theory is the "E cloud" nearest me has an MUF too low to support a 50 mhz signal propagated from one hop distance. But has a high enough MUF to support 50 mhz (6 meters) via an "E cloud" to "E cloud" path. The shallower angle allowing 6 meters to skip, (like a rock across water). Sometimes I hear the high power Texas stations for over an hour and while I'm calling CQ I hear Texas but no response from one hop distances!

I recently was listening to a 6 meter ham in Southwest MO, which is about the limit for one hop to here, but I suspected it to be "two hop" because that's not my best direction with a hill blocking low elevation signals as would be required via one hop.

Next thing I hear is these same hams talking with Southern Ontario, Buffalo, etc. indicating more than one cloud spaced out between MO and ME. So I start calling and to my surprise I get answered by "Texas". Tricky Stuff!

So getting back to Jeff's catches, his AZ catches may have actually been "2E's" via a cloud to cloud path, but of course we would normally just assume it to be one hop Es.

Europe was open to my QTH on 6 meters 13 days this summer with video buzz from Spain and Portugal in here sometimes 4 to 5 days in a row. It wouldn't surprise me, if I monitored closely all summer, that Spain's 48.250 would show up at least briefly almost everyday. The lower frequencies are supported via Es much more often.

Listening to six meters can be very revealing. It's called the magic band, I call it the paranormal band. TV Dxm can learn a lot from 6 meters to help us DX TV. I believe we can catch many more 2Es if we relentlessly monitor the Channel which is at or just above the MUF. Especially when it's a lower channel. Example: one time Miss. Ch-4 was in but the MUF was barely supporting it. It temporarily faded out and in came Ch-4 Harlingen Texas. (Cloud to cloud with lower required MUF?)

Finally, it's easy to guess wrong when trying to figure Es propagation characteristics, and very hard to prove one way or the other. If we could actually see radio waves it might answer our questions but then again, we wouldn't see very far with the zillions of signals whizzing by at light speed. We live in a very weird world when viewed from the "right" perspective.

Did you hear the one about the editor trying to fill up the last page?

SOUTHERN FM DX
Contiglio continued

- new o format (unID solved by M Street when I got home from this trip - see August FM News!) 1000
- 2031 CBON 95.1 ON North Bay, CBC FF 1193
 - 2032 WKJF 92.1 MI Cadillac, k 888
 - 2033 WKJZ 94.9 MI Hillman, local ads 978
 - 2034 WLCE 92.9 NY Buffalo, "B-92.9" 1121
 - 2035 WSHZ 107.9 MI Muskegon, "Z-108," ads 809
 - 2035 CIXK 106.5 ON Owen Sound 1080
 - 2036 WMJK 100.9 MI Pinconning, local refs 923
 - 2037 WLTV 97.3 WI Milwaukee 735
 - 2038 WBVB 94.3 MI Leland, "B-94" 912
 - 2044 WUPS 98.5 MI Houghton Lake, "98.5 UPS" 917
 - 2045 WYBR 102.3 MI Big Rapids 861
 - 2046 WAMG 103.7 WI Wauwatosa, "Kiss" 735
 - 2046 WCKC 107.1 MI Cadillac 888
 - 2050 WKJC 104.7 MI Tawas City 965
 - 2050 WEXT 104.7 WI Sturtevant 720
 - 2051 WEZY 92.1 WI Racine 728
 - 2052 WLCX 98.3 MI North Muskegon 809
 - 2055 WCFX 95.3 MI Clare (note #5) 900
 - Z/6 Es (Lamar to Springfield MO) (MUF 107.9)**
 - 1810 WHJY 94.1 RI Providence 1236
 - 1811 WALK 97.5 NY Patchogue, "Walk FM" 1144
 - 1812 WKRZ 98.5 PA Wilkes-Barre, "KRZ" 1018
 - 1812 WCTK 98.1 MA New Bedford, "Cat Country" 1257
 - 1813 WKSS 95.7 CT Hartford, "95.7 Kiss FM" 1171
 - 1813 WTIC 96.5 CT Hartford 1171
 - 1820 WEBE 107.9 CT Westport, "WeeBee FM" 1132
 - 1828 WBLI 106.1 NY Patchogue, CHR 1144
 - 1828 WBZO 103.1 NY Bay Shore, o 1132
 - 1835 WCIB 101.9 MA Falmouth, calls 1276
 - 1835 WIOQ 102.1 PA Philadelphia, "Q-102," CHR 1020
 - 1835 WCBS 101.1 NY New York, o 1096
 - 1836 WHUD 100.7 NY Peekskill, soft r 1101
 - 1838 WDRE 98.5 NY Westhampton 1166
 - 1839 WKJY 98.3 NY Hempstead 1112
 - 1839 WOGL 98.1 PA Philadelphia, o 1020
 - 1853 WNJO 94.5 NJ Trenton, o 1052
 - 1854 WKSL 94.3 PA Greencastle, "Kiss Country" 893
 - 1858 WYSP 94.1 PA Philadelphia, "YSP," AOR 1020
 - 1900 WMMR 93.3 PA Philadelphia, AOR, STRONG... almost enough at times to aircheck inside the car on a boombox!
 - 1902 WRDR 104.9 NJ Egg Harbor City, "Mega" 1063
 - 1903 WXYV 102.7 MD Baltimore, "B-102.7," CHR 952
 - 1903 unID 102.5 ?? "Y-102.5" - Long Island?
 - 1904 WWZZ 104.1 MD Wadorf, Washington ments, "Z-104," CHR (messing up my tape of local station KTOZ!)
 - 1912 WGRX 100.7 MD Westminster, k 930
 - 1913 WBIG 100.3 DC Washington, o 923
 - 1923 WYII 95.9 MD Williamsport, k calls 893
 - 1924 WSTW 93.7 DE Wilmington, calls, CHR 1008
 - 1924 WAYZ 101.5 PA Waynesboro, k 902
 - 1925 WKYS 93.9 DC Washington, urban, "Kiss" 923
 - 1926 WPOC 93.1 MD Baltimore, calls, k 952
 - 1928 unID 98.3 ?? "Cool 98.3," dancin' oldies type song, Ocean City NJ?
 - 1951 WFSR 107.9 MD Annapolis, rel 951
 - 1952 WWMX 106.5 MD Baltimore, "Mix 106.5" 952
 - 2014 WKZ 95.1 PA Chambersburg, "Mix 95.1" 897
 - Z/7 Es (Shawnee KS)**
 - 1210 WNEW 102.7 NY New York, r 1091
 - 1211 WNYC 93.9 NY New York, c, \$ 1091
 - 1213 WRFY 102.5 PA Reading, "Y-102" 991
 - 1235 WODE 99.9 PA Easton, o 1029

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- 1216 WKRZ 98.5 PA Wilkes-Barre, "KRZ-FM" 1011
- 1216 CBKF 97.7 SK Regina, t (CBC FF) 947
- 1218 WRRK 96.9 PA Braddock 783
- 1221 WPLJ 95.5 NY New York 1091
- 1222 WWSW 94.5 PA Pittsburgh, "3WS," o 783
- Z/7 Tr (Kansas City MO)**
- 1302 KSD 93.7 MO St. Louis, VERY STRONG (backscatter??) 235
- 1345 KMJM 104.9 IL Columbia, very strong (note #6) 235

Notes:

#1: This was interesting, because the person I was visiting in Sterling, VA, lived in Aberdeen for a while. I explained to her what was happening, perhaps at the expense of her opinion of my sanity, hi.

#2: Strong signal with Canadian band "Tragically Hip," which doesn't get much US airplay. This would be very short skip, but not sure if anything else in the PTA matches.

#3: This was the oddest opening I ever heard, with skip in literally all directions: Mexico, Las Vegas, Fort Myers, Richmond and Philadelphia. Unfortunately it was a very spotty opening. There was even a tentative reception of Marquette, MI, at this time (rel on 95.7). Could the cloud have been over me in Oklahoma and I was hearing the "fringes"?

#4: This was the first time I have heard my hometown market (Buffalo) on e-skip! Exciting! A few other tentatives from this area, but 92.9 and 103.3 were the only ones that were identified.

#5: This must have been the opening of the year on July 4th (like 1989). With an MUF of 107.9 for so long, at such a short distance as well (all under 1,000 miles), I wonder if anyone had hi-VHF today?

#6: After the e-skip St. Louis came barreling in. I thought it might have been backscatter, because it was the same direction as the skip. It lasted quite a while after the skip, however, so maybe it wasn't.

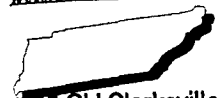
I like to travel a lot (check out my webpage!), but I never seemed to have much luck getting skip while away from home. That sure changed this year. Other than five minutes on July 1, all of my skip this year has been outside New York state. Maybe I should take up a collection from other DXers to go on the road again, hi? Was especially neat to hear one of my locals via skip (Buffalo, from Oklahoma). John, you seem to live in a great DX area there. (Sure do...can hit both coasts, Mexico and Canada on Es-jz.) All of the openings on skip were to areas I ended up visiting. On May 28 from North Dakota I had Oklahoma (and visited there July 4). On June 26 from Virginia I had SD/ND (visited May 28), on July 4 from OK I had Buffalo (I live here!), July 6 I had MD/VA (visited there June 26), and July 7 from MO I had NYC (visited there July 16 for the convention). I'll be going to Utah in August so stay tuned to your radio if you need that state, hi. Keep up the great work on the column, John!!



"FM DX Web

<http://members.aol.com/fmdxweb>

SOUTHERN FM DX



Doug Smith

1385 Old Clarksville Pike - Pleasant View,
TN 37146-8098

w9wi@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

Z/4 Es

- 1327 XHMAE 94.9 TM Ciudad Mante, "R. Tamaulipas" 969
- 1327 XHCHL 99.1 NL China, local ads 1028
- 1334 XHAVV 101.3 NL Monterrey, "Invidiale," local ads 1076
- 1401 XHSR 97.3 NL Monterrey, local ad 1068
- 1401 XHALA 97.7 CL Saltillo, "R. Concerto," c 1116
- 1417 KLNC 93.3 TX Killeen, "Lone Star 93," prev logged on tropo as KAJZ 739
- 1423 KAJA 97.3 TX San Antonio, Boeme ad 823
- 1445 XHHPER 101.7 CL Hidalgo del Parral, "R. Parral," local baseball game 1269
- 1451 XHMZI 91.1 CL Monclova, local ads 1062
- 1928 KCKK 104.3 CO Longmont, Denver ads 997
- 1944 KUAD 99.1 CO Windsor, calls, "K-99" 1000
- 1947 KYGO 98.5 CO Denver, call ID 1024
- 1953 KBYZ 96.5 ND Bismarck, legal ID, local ads 997
- 2002 KCRB 88.5 MN Bemidji, MN Public Radio ID 867
- 2002 KEYA 88.5 ND Belcourt, native mx 1071
- 2013 KCKI 97.5 ND Bismarck, local ad 997
- 2019 KLNDI 89.5 ND remote from native pow wow
- 2029 KGAQ 99.1 ND Dickinson, local & McKenzie county ads 1083
- 2038 KMXC 97.3 SD Sioux Falls, local ad 708
- 2049 KDPR 89.9 ND Dickinson, "North Dakota Public Radio" 1082
- 2059 KNBZ 97.7 SD Redfield, legal ID 831
- 2114 KZLT 104.3 MN East Grand Forks, list of local "Duck Derby" winners 934
- 2115 CJKR 97.5 MB Winnipeg, "Power 97," local t 1054
- Z/7 Es**
- 1007 WPKI 90.5 CT Meriden, NPR talk & "Here in Connecticut" 841
- 1100 WPRX 88.3 NY Southampton, legal ID 846
- 1117 WXTU 92.5 PA Philadelphia, ".TU" partial calls and t w/Philadelphia callers 689
- 1153 KKLX 96.1 WY Worland, "KKLX Clicks 96" 1212
- 1155 CKKL 93.9 ON Ottawa, "93-dot-9 Cool FM" 857
- 1202 KZWY 94.9 WY Sheridan, local t 1187
- 1202 KYTI 96.5 WY Sheridan, calls, prev log as KWYO-FM 1186
- 1230 KQSD 91.9 SD Lowry, "South Dakota Public Radio" 909
- 1233 KLAN 93.5 MT Glasgow, local & Wolf Point ads 1278
- 1233 KMCW/KPQXI 92.5 MT Havre or Miles City, with Glasgow ad, both relogs

IL

- 1221 St. Louis 92.3/97.1/106.5 230
- Z/25 Tr**
- 2100 St. Louis 92.3/93.7/94.7/98.1/99.1/105.7/106.5/107.7 at LOCAL strength

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- 2211 WDMML 106.9 IL Woodlawn, "Rock 106-9 DML" 175

Z/26 Tr

- St. Louis still way up
- 0658 KMJM 104.9 IL Columbia, legal ID 233
- 0702 KDBB 104.3 MO Bonne Terre, "B-104.3" 215
- 0702 WXTM 104.1 IL Jerseyville, "Extreme Radio" 245
- 0715 KPLA 101.5 MO Columbia, calls 336
- 0717 WVL 101.3 IL Virginia, "WVIL studios," new station, k, \$ 306
- 0723 KTUI 100.9 MO Sullivan, calls, local high school sports 257
- 0740 KWWR 95.7 MO Mexico, local ads 328
- 0749 WLCA 89.9 IL Godfrey, calls in promos, \$ 245

This month's unIDs:

"KSJM" 92.5, PTA TX
"89.5 KLJS," PTA TX
96.9 w/ads for Rocky Mountain Bank & Trust and "Brass Ass Hotel and Casino" in Cripple Creek (Pueblo or Steamboat Springs?)
"Q-Fox Sunday Night" oldies show on 95.3, PTA Dakotas
"D-97 FM the Rock" on 97.1, PTA TX or NM
92.3 in mono w/Paul Harvey over a dialup phone line (REALLY bad audio!), PTA Philadelphia area
97.7 "Big Country 97 Crown," PTA WY/MT
"Soft Jazz 96.5," PTA St. Louis vicinity. Thought I heard a Topeka ad, but not likely KXTR.



Eric Bueneman (NOU/H) - 631 Coachway Lane -
Hazelwood, MO 63042-1347 - (314) 839-9751
(prepaid only) - E-mail: NOUHEric@aol.com -
<http://members.aol.com/nouheric/k-index.html>
CDT

Realistic STA-90 receiver, Radio Shack
VU-210XR antenna w/Radio Shack Archerator at
33' (10m) above ground level. Miles/kilometers.

Z/25 Tr

- 0032 WEMS 95.5 IN Indianapolis, "90-5-5 WEMS," k 240/386
- 0053 WNDV 92.9 IN South Bend, "U-93," x-WNDU, wx, CHR/AM 1490, o/WSEI 300/483
- 0054 WNAP 93.1 IN Indianapolis, "The Buzzard," legal ID, classic r 240/386
- 0129 WNJY 102.9 IN Delphi, "Oldies 103," o, o/WSOY 235/378
- 0141 WINN 106.1 IN North Vernon, "Oldies 106.1," legal ID, o 265/426
- 0145 WGNR 97.9 IN Anderson, instrumental Christian mx/11470, ACI from KYKY 265/426
- 0151 WVMX 94.1 IN Cincinnati, "Mix 94.1," AC/r mix 320/515
- 0155 WENS 97.1 IN Shelbyville, calls, indy ads, AC, thru KXOK 250/402
- 0230 WZZQ 107.5 IN Terre Haute, "ZZQ," AOR/AM 1230, ACI from KSLZ 170/274
- 0233 WCLR 95.7 OH Piqua, "All Oldies, Clear 95.7," o, thru WCRC 340/547
- 0240 WZNE 95.3 IL Rantoul, "The Rock, 95.3 WZNF," Champaign/Urbana ads, AOR 160/257
- 0313 WGTZ 92.9 OH Eaton, "Z-93," website promo, CHR 320/515
- 0321 WGLD 104.5 IN Indianapolis, "Gold 104.5," 39

SOUTHERN FM DX

Bueneman continued

- contest promo, local ads, o 240/386
- 0323 WVNI 95.1 IN Bloomington, "Spirit 95," com, thru WDZQ 210/338
- 0357 WMGI 100.7 IN Terre Haute, "100.7 Mix FM," hot AC, o/KZMM 170/274
- 0405 WLEZ 102.7 IN Terre Haute, automated soft AC calls 170/274
- 2155 WULE 94.3 KY Hardinsburg, "94-3 The Wolf," Elizabethtown ads, legal ID, k 225/362
- 2206 WWTN 99.7 TN Manchester, "Super Talk 99-7 WTN," promo, traffic, wx 320/515
- 2216 WLKT 104.5 KY Lexington, "104-5 The Cat," promo, CHR, o/KSLQ/WBVN 330/531

The silence of the local on 95.5 allowed me to finally bag WFMS....it's been a blessing in disguise here. While more DX has been heard here, it came at the expense of my job, which I lost at the beginning of June. Logged WNDV-FM for a call letter change, was heard last summer as WNDU-FM. WCLR 95.7 sneaked in through WCRC, the first non-k station I have heard on trop on 95.7 at this QTH. A few more lower-powered stations managed to make it through, including WVNI 95.1 (the first Christian station heard via trop on this frequency). Later that evening, stations from Kentucky and Tennessee made it in, finally hearing Lexington with two stations, WVLK and WLKT, and WULF 94.3.

7/26 Tr

- 2340 WJXA 92.9 TN Nashville, "Mix 92-9," soft AC, last noted as WZEZ in 1992 270/435
- 2345 WDBL 94.3 TN Springfield, Nashville ads, contest promo, urban AC 250/402
- 2350 WZPC 102.9 TN Shelbyville, "102-9, the Buzz," Nashville ads 320/515
- 2353 WERW 107.5 TN Lebanon, "107-5 The River," Nashville ads, legal ID, CHR 290/467
- 2358 WQQK 92.1 TN Hendersonville, local ads, legal ID, urban AC, ACI from WIL 92.3 265/427

7/27 Tr

- 0003 WGIC 98.5 TN Cookeville, "Magic 98.5," hot AC, local promo 325/523
- 0043 WBLG 107.1 KY Smiths Grove, "The Gator," AC 225/362
- 0045 WGEX 104.5 TN Gallatin, "Nashville's New 104.5," local ads, legal ID, rhythmic o 270/435
- 0047 WKLX 100.7 KY Brownsville, "The new 100.7 KLX," local ads, hot AC 250/402
- 0053 WGCG 95.1 KY Glasgow, "Country 95," k, \$ 175/282
- 0055 WPLN 90.3 TN Nashville, calls, c, \$ 270/435
- 0056 WMOI 89.5 TN Murfreesboro, "Jazz 89," traditional j, legal ID 295/475
- 0122 WWOG 90.9 TN Cookeville, "Sounds Through the Night," light Christian mx 325/523
- 0130 WIKY 88.9 KY Bowling Green, c, clean separation from WSIE 88.7 220/354
- 0153 WGKY 95.9 KY Wickliffe, k, legal ID, o/WOLG 145/233

Nashville and Bowling Green market stations were dominant on this opening, nothing several new stations from those markets. Several new Nashville stations made it

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in, including WJXA 92.9 for a call letter change (last heard July 1992 as WZEZ). The big surprise o this opening was WKLX 100.7, on the air and DX ready with hot AC for the Bowling Green market. Some trivia behind the WMOT calls....WMOT was also a record label that specialized in soul and disco recordings, which was around in the late 1970's.

7/29 Tr

- 0357 WNUA 95.5 IL Chicago, local ads, jingle ID, smooth j 270/435
- 0401 WGCI 107.5 IL Chicago, UC, calls, ACI from KSLZ 107.7 270/435
- 0409 WEMT 98.7 IL Chicago, c, thru WNN5 270/435
- 0420 WILL 95.1 WI Kenosha, "95-1 Will Rock," AOR, thru WDZQ 300/483
- 0500 WSNI 92.9 IL Colfax, "Sunny 92.9," legal ID, rx, AC 150/241
- 0512 WAMG 103.7 WI Wauwatosa, "The all new, all hit 103.7, Kiss FM," Milwaukee ads, CHR, look for new calls on this! 320/515
- 0541 unID 98.9 ?? ??, "94.9 The Bear," classic r
- 0615 WCFL 104.7 IL Morris, calls, com 205/330
- 0625 WYXX 103.1 IL Morris, "103.1, Chicago's heart and soul," local ads, R&B o 205/330
- 0625 WXXY 103.1 IL Highland Park, same as WYXX 280/451
- 0629 WQJQ 105.1 IL Evanston, ranchera mx, thru WEJT/WGEM 270/435
- 0640 WHTS 98.9 IL Rock Island, "All hit 98-9," local ads, Bob & Tom 190/306
- 0643 WJCH 91.9 IL Joliet, light Christian mx, promo, PSAs, thru WUIS 225/362
- 0647 WUSN 99.5 IL Chicago, "US 99.5" morning show, k 270/435

Little did I know that the high at my QTH was going to be 103 degrees F (39 C)! The hottest day of the year started with a surprise logging of WNUA 95.5. I checked around the dial and, sure enough, other Chicago stations were in, plus my first new Wisconsin stations in four years! With the 103.1 stations in the Chicago area simulcasting each other, I had to count both of them, since the signal was as strong as the other Chicago stations! Also bagged another most wanted in WFMT 98.7. A station on 98.9 calling itself "The Bear" is a mystery at this point. They were playing classic rock. One guess I might have is the one in Petoskey, MI, but there are other possibilities out there. 73, Eric (NOUIH)



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

McIntosh MR-80 (digital display w/analog tuning), APS-14 antenna (the 196" baby bird perch) @ 40' above ground, Channel Master rotor

I guess we can't write of a season until the very end. When I had just one new logging in July (a semi-local) for the Diablo Region by 7/22, I figured the season was dead. Well, rumors of its demise were greatly exaggerated.

SOUTHERN FM DX

Jefferson continued

New to the Diablo Region are underlined, new to Antioch have an @, dashed underlines indicate new mode.

7/23 Es

- 0925 KEZO 92.3 NE Omaha, Omaha ment 1394
- 0931 KAAQ 105.9 NE Alliance, Scottsbluff ment 1041
- 0934 KSET 107.1 NE South Sioux City, "Soft 107" 1375
- 0935 KSUX 105.7 NE Winnebago, "Super Pig, K-Sioux" 1370
- 0939 KZSD 102.5 SD Martin, c, //88.3 1112
- 0939 KESD 88.3 SD Brookings, c, //102.5 1372
- 0939 KDCR 88.5 IA Sioux Center, calls 1391
- 0940 KYBB 102.7 SD Canton, "B-102.7" 1372
- 0943 KERM@ 98.3 WY Torrington, Torrington ment 973
- 0948 KITT 93.5 MN Worthington, calls, local ads 1424
- 0951 KRSW 89.3 MN Worthington, Tchakovskyy// 91.3 (below) 1424
- KTSD 91.1 SD Reliance, waits//89.7 1226
- KUSD 89.7 SD Vermillion, waltz//89.7 1372
- 0952 KESD 88.3 SD Brookings, waltz//89.7 1372
- 0953 KRSU 91.3 MN Appleton, Tchakovskyy//89.3 1422
- 0953 KELO 92.5 SD Sioux Falls, calls 1366
- 0955 KWOA@ 95.1 MN Worthington, Worthington ment, (to 6 on meter, San Francisco stations @ 40 miles run 3-4)
- 0957 KMXC 97.3 SD Sioux Falls, "Mix 97-3"
- 0959 KZNC 99.1 SD Huron, Huron U promo 1303
- 1002 KGIM 103.7 SD Redfield, Aberdeen ment 1296
- 1003 KMIT 105.9 SD Mitchell, Mitchell ment 1304
- 1003 KBEQ 106.7 SD Aberdeen, "106.7 the Point" 1308
- 1004 KBHE 89.3 SD Rapid City, //88.3, Sioux ment 1055
- 1004 KESD 88.3 SD Brookings, //89.3
- 1007 KDSD 90.9 SD Pierpont, SD PR ment 1340
- 1012 KGQK 98.3 SD Mitchell, Mitchell ment
- 1020 KFXS 100.3 SD Rapid City, SD ment
- 1023 KOUT 98.7 SD Rapid City, "Kat Country"
- 1025 KKOK 95.7 MN Morris, local, calls 1433
- 1026 KQAA 94.9 SD Aberdeen, Dakota ads
- 1028 KXRA 92.3 MN Alexandria, Alexandria ment 1464
- 1029 KPRJ 91.5 ND Jamestown, Jamestown wx 1329
- 1029 KRSU 91.3 MN Appleton, c//91.1 1422
- 1029 KCCM 91.1 MN Moorhead, c//91.3 1424
- 1036 KYNU 98.3 ND Carrington, ND State Fair promo 1300
- 1037 KBYZ 96.5 ND Bismarck, "The Fox" 1233
- 1051 KQDY 94.5 ND Bismarck, ID
- 7/27 Es**
- 1051 KDNS 94.1 KS Downs, KS ment, "KD Country" 1257
- 1052 KJCT 94.5 KS Junction City, "Big Cat 94-5" 1352
- 1052 KWGB 97.9 KS Colby, Colby ment 1123
- 1056 KAKA 88.5 KS Salina, AFA rpt, P. Schlarfy, AFR @ 1100 (lost calls u/KQED 1310
- 1057 KBUZ 90.3 KS Topeka, P. Schlarfy//88.5 (phone verie - KAKA relays KBUZ) 1414
- 1105 K202CJ 88.3 NE Dresher, Hastings wx, KROA calls 1295
- 1106 KLNE 88.7 NE Lexington, c//89.1 1193
- 1106 KHNE 89.1 NE Hastings, c//88.7 1265
- 1108 KBCQ 97.3 CO Boulder, calls 898

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- 1114 KTMX 104.9 NE York, calls 1307
- 1115 KFRX 102.7 NE Lincoln, "Lincoln's KFRX" 1354
- 1118 KRGI 96.5 NE Grand Island, Nebraska State] Fair 1267
- 1128 KXNE 89.3 NE Norfolk, c//90.3, Omaha ment 1320
- 1128 KMNE 90.3 NE Bassett, c//89.3 1215
- 1129 KTRNE 91.1 NE Alliance, c//90.3 1041
- 1147 KRNE 91.5 NE Merriman, NE ment //90.3 1110
- 1149 KSDZ 95.5 NE Gordon, Gordon ment 1083
- 1150 KCAD 99.1 ND Dickinson, calls 1148
- 1205 KPLO 94.5 SD Reliance, calls 1225
- 1220 KFXS 100.3 SD Rapid City, Black Hills ment
- 1226 KPSD 97.1 SD Faith, c//91.9 1132
- 1226 KQSD 91.9 SD Lowry, c//97.1 1236
- 7/28 Es**
- 1225 XHUSS 92.3 SN Hermosillo, Hermosillo ment 878
- 1235 XHHLL 90.7 SN Hermosillo, local ments
- 1304 XHSBT? 99.5 CH San Buenaventura, Chihuahua ref
- 1715 unID 92.3 ?? ??, "Hot new country"
- 1732 KARX 95.7 TX Claude, Amarillo ment, "The Car" 1151
- 1733 KFNX 94.1 TX Amarillo, "Absolute Rock FNX" 1125
- 1738 KVOP 106.9 TX Plainview, "Plainview's Star 107 FM)
- 1739 KQTZ 105.9 OK Hobart, Elk City ment, "KQ-106" 1277
- 1741 KLDG 102.7 KS Liberal, "The Legend" 1146
- 1749 KPUR 107.1 TX Canyon, calls 1124
- 1749 KZRK 107.9 TX Canyon, Panhandle ref
- 1756 KIXN 102.9 NM Hobbs, downtown Hobbs ment 1114
- 1801 KFZX 102.1 TX Monahans, ID 1160
- 1805 unID 93.3 ?? ??, sounded like KSTL, local phone # 563-9393
- 1809 KCLV 99.1 NM Clovis, calls 1068
- 1822 KLGD 104.9 TX Tulia, k, Amarillo ment 1141
- 1827 KICA? 98.3 TX Farwell, "World Class Rock, 98-3 Rocks"
- 1835 KECCO 96.5 OK Elk City, western OK ment, calls 1253
- 1846 KFNX 94.1 TX Amarillo, "FNX," Amarillo ment
- 1855 KOHM 89.1 TX Lubbock, Live from Lincoln Ctr
- 1858 KPBE 89.3 TX Brownwood, SS & EE ID for KJAV Alamo 104.9 & KMFM Premont 100.7, 89.3 ID lost w/ locals!
- 1914 KDXI 106.7 TX Granbury, SS, "Estereo Latina" 1409
- 1918 KFMX 94.5 TX Lubbock, "Lubbock's Absolute Rock" 1159
- 1926 WHHI 91.3 WI Highland, Wisconsin Public Radio fund drive 1687
- 1930 KJRT 88.3 TX Amarillo, ID w/KPDR Wheeler
- 1951 KZZI 95.9 SD Belle Fourche, k, "KZ Country," phone verie 1039
- 2000 KPLO 94.5 SD Reliance, ID
- 7/29 Es**
- 0827 KXRA 92.3 MN Alexandria, "KX-92, Lakes Country"
- 7/30 Es**
- 1934 KSKL? 94.5 KS Scott City, Rockies bb

If you're saying "Huh?" to WHHI in the middle of TX loggings, that's about what I said. The subsequent SD loggings make it clear that 7/28 had at least 2 e-clouds performing (I say at least because of KLDG KS in the middle of TX catches). Although 7/23 had more IDs, 7/28

SOUTHERN FM DX

Jefferson continued

probably was the better opening. It would likely have had more, but I spent some time trying to ID stations on normally useless frequencies like 101.7 rather than continuing to scan the band. Antioch stands at 1,015 loggings, so the magic 1,000 proved easy after all. The Diablo Region (Concord, Pleasanton & Antioch) is at 1,467 (& the unofficial Bay Area logging - all I've logged anywhere in the general area - is at 1,501, passing another nice milestone).

Gus Mancuso
 5706 Greenleaf Rd.
 Cheverly, MD 20785-1112
 EDT

7/31 Es

- 1905 WRQQ 102.1 MS Monticello
- 1908 WAMS 97.5 MS Oxford
- 1914 WIAR 94.3 MS Leland
- 1919 WTD 101.7 AL Reford, "Tide 101.7"

Latest (in summer) skip I have ever gotten.

Luke Steele
 437902 E 278 Rd
 Vinita, OK 74301
 (918) 256-8786
 EDT

Radio Shack DX-390 with whip antenna

7/6 Es

- 1907 WERQ 92.3 MD Baltimore, "The People's Station" MD #1!
- 1908 WPOC 93.1 MD Baltimore, wx, calls, k
- 1910 WSTW 93.7 DE Wilmington, phone #, ID, DE #1!
- 1911 WXRK 92.3 NY New York
- 1912 unID 92.3 ?? ?? "92 Q-Country"
- 1919 unID 88.1 ?? ??, Charles Stanley
- 1919 unID 88.1 ?? ??, Focus on the Family
- 1921 WRKZ 106.7 PA Hershey, k, "Cat Country"
- 1923 WIOV 105.1 PA Ephrata, area ads, ID, k
- 1923 WQXA 105.7 PA York, p, "The X"
- 1924 unID 105.3 ?? ??, "Neon nights on Country 105.3"
- 1925 WQSR 105.7 MD Catonsville, o
- 1930 WRDR 104.9 NJ Egg Harbor City, SS
- 1930 WWMD 104.7 MD Hagerstown, ID
- 1932 WOCT 104.3 MD Baltimore, ID
- 1933 WXCX 103.7 MD Havre de Grace, area ads, k
- 1940 WRNR 103.1 MD Graysonville, p, "RNR"
- 1943 WXYV 102.7 MD Baltimore, area ads
- 1945 WMGK 102.9 PA Philadelphia, ID
- 1947 WLIF 101.9 MD Baltimore
- 1948 WKXW 101.5 NJ Trenton, area traffic, ID
- 1948 WAYZ 101.5 PA Waynesboro, calls, k
- 1949 unID 101.1 ?? ??, Delilah
- 1950 WWDC 101.1 DC Washington, ads, "DC-101"
- 1956 unID 100.7 ?? ??, "Top 9 at 9," k (WGRX, probably)
- 1957 WBIG 100.3 DC Washington, o, dedications

42nd in the Editor Wow! This is the biggest SFM yet for me. Thanks so much to all who contribute!

SEPTEMBER 1999

- 2002 WZXL 100.7 NJ Wildwood, legal ID
- 2004 WMZQ 98.7 DC Washington, k, ID
- 2005 unID 98.7 ?? ??, "463-0400"
- 2006 WOGL 98.1 PA Philadelphia
- 2009 WHFS 99.1 MD Annapolis, p, "99-1 HFS"
- 2011 WBSS 97.3 NJ Millville, t, "800-283-1015," (note #1)
- 2013 WBZC 88.9 NJ Pemberton
- 7/7 Tr
- 1942 unID 102.5 ?? ??, briefly w/KIXQ w/ad for Park-Price Motors
- 2022 KTTY 106.9 MO Jefferson City, area ads, wx, "Y-107"
- 2038 KNSX 93.3 MO Steelville, p, "93X," (note #2)
- 2109 WKYQ 93.3 KY Paducah, k, "Top 9 at 9 on WKYQ," KY #1!

#1: A few minutes after that, I called in to the talk show they had on, since they weren't into any "heavy" issues and were just discussing summer weather. I thought maybe they'd like to know I was listening and enjoying the show. It was the station that stayed in the longest so I had time to listen. The station producer, in response to my call, said sarcastically, "Thank you, sir, bye," and hung up on me. I suppose they thought I was a prankster! I wish broadcast people were more DX-literate. Maybe we ought to come up with some sort of explanatory brochure to send out with DX reports in an effort to get them to understand what we do as DXers. (NRC has such a brochure for BCB-jz)

#2: I've been wanting this one for some time. Usually 93.3 is cluttered with KJEM, KKNG and KMXV, often at the same time. But finally I got it. This station, being automated, doesn't seem to have one DJ. Two back-to-back song IDs were done by two different people. Interesting! Oddly, I couldn't even get a second of this station when I traveled to Mountain Grove, and I've never heard them on my other St. Louis openings. During the above opening, I relogged most of the major St. Louis FMs, but I've already gotten them before.

William McGuire
 2412 59th Pl.
 Cheverly, MD
 20785-2918
 EDT

Realistic DX-380

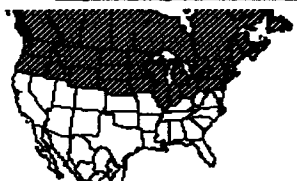
- 6/17 Ms
- 0000 KAYD 97.5 TX Beaumont, "KD-97," k, ment of event in Beaumont
- 7/7 Tr
- 2135 WQZT 94.3 NJ Avalon, "94.3 The Coast," mr, ID
- 7/16 Tr
- 2105 WAFL 97.7 DE Milford, "The new Eagle," rm
- 2125 WLWV 105.5 MD Salisbury, wx, ment of Salisbury, o
- 2135 WRAR 105.5 VA Tappahannock, ID, mr
- 2150 WDSD 92.9 DE Dover, PSA, "Delaware's Best Country," k, ID
- 2155 WZBH 93.5 DE Georgetown, ment of Ocean City, ID, rp
- 7/18 Tr
- 0135 WRKE 101.7 DE Ocean View, "Kiss 101.7," sr
- 7/24 Tr
- 2155 WWDE 101.3 VA Hampton, ad, ID

Welcome to SFM, William. Remember to report in your local time. TV catches go to Russell Miller.

NORTHERN FM DX
SEPTEMBER 1999

DEADLINE: The 5th of the month before publication
 LOG CUTOFF: 4 months from postmark
 COLUMN REPORTING AREA: See map to the right (also includes Europe & Asia)

EDITOR: GREG CONIGLIO
 90 SLATE CREEK DRIVE APT. #3
 CHEEKTOWAGA, NEW YORK 14227
 E-MAIL: coniglio@localnet.com
 WEB: <http://www.geocities.com/~wgrc>



Another huge column, driven by the same hot skip period that was widely reported last month (June 26th - July 7th). Some Es came in after that, but certainly not to the same level. Tropo picked up in late July, especially July 24th in the Midwest & Great Plains. Let's hear from you next month!!

JOHN EBELING - 9209 VINCENT AVE S - BLOOMINGTON, MINNESOTA 55431
 Internet: jebeling@aol.com

MAY 1998 DX

- 28 ES
- 1005 KNFM 92.3 TX Midland 1153
- 1017 KSTV 93.1 TX Dublin
- 1020 KAMX 94.7 TX Luling 1152
- 1022 KRNH 95.1 TX Comfort "The Ranch" 1224
- 1029 KNEL 95.3 TX Brady 1154
- 1029 KSTX 89.1 TX San Antonio 1253
- 1030 KPFT 90.1 TX Houston
- 1030 unID 90.3 ?? NOTE 1
- 1037 KXYL 104.1 TX Brownwood 1109
- 1041 KMDX 105.7 TX San Angelo, "Mix 105" (ex 102.7) 1152
- 1043 KWKQ 107.1 TX Graham 1172
- 1044 KXTJ 107.9 TX Beaumont 1673
- 1048 KTJX 105.5 TX Mission, Spanish
- 1050 KOXE 101.5 TX Brownwood 1109
- 1101 KGNZ 88.1 TX Abilene 1074
- 1104 KMOC 89.5 TX Wichita Falls 957
- 1113 KACU 89.7 TX Abilene 1074

JUNE 1998 DX

- 26 ES
- 0853 WQDR 94.7 NC Raleigh, "QDR" 1061
- 0918 WSUX 98.5 DE Seaford, ex 98.3 1037
- 0921 WNNI 100.9 VA Warsaw 1021
- 0923 WLIF 101.9 MD Baltimore +X on 67 kHz SCA 967
- 0926 WRAR 105.5 VA Tappahannock 1018
- 0930 WNAA 90.1 NC Greensboro, "Echo" ID 1006
- 0932 WOTJ 90.7 NC Morehead City 1188
- 0935 WHFS 99.1 MD Annapolis 985
- 0939 WBIG 100.3 DC Washington 967
- 0942 WGMS 103.5 DC Washington 967
- 0948 WKDE 105.5 VA Altavista, "K105" 966
- 0951 WWZZ 104.1 MD Waldorf "Z104" 985
- 0957 WASH 97.1 DC Washington 967
- 1000 WJSO 90.1 KY Pikeville 825
- 1000 WRJA 88.1 SC Sumter 1111

JUNE 26 ES cont.

- 1002 WMJS 92.7 MD Prince Frederick "Tower Power" 1001
- 1005 WGWG 88.3 NC Boiling Springs "The Web" 991
- 1018 unID 94.7 ?? NOTE 2
- 1045 WVVF 93.3 GA Manchester, J93.3 g 1066
- 1049 WVOH 93.5 GA Hazlehurst 1174
- 1052 WGSY 100.1 AL Phenix City 1081
- 1057 WKHK 95.3 VA Colonial Heights 1030
- 1100 WLJK 89.1 SC Aiken
- 1117 WTXJ 98.1 AL Fayette, 98TXT 953
- 1120 WINL 98.5 AL Linden "Win" 1048
- 1222 WLXY 100.7 AL Northport, "Arrow" 988
- 1124 unID 101.5 ?? Hot Country K101
- 1129 WDCC 89.7 GA Cochran 1124
- 1239 WLJK 89.1 SC Aiken 1092
- 1259 WSCA 93.7 SC Georgetown, dual ID with WJXY Conway 1156
- 1301 WWWZ 93.3 SC Summerville 1169
- 1303 WARQ 93.5 SC Columbia 1084
- 1305 WBVA 101.9 NC Gastonia, V101.9 1006
- 1307 WSSS 104.7 NC Charlotte, "Star 104.7" celebrating 5 yrs on the air 1018
- 1320 unID 102.1 ?? "The Fox"
- 1321 WZAT 102.1 GA Savannah Z102 1201
- 1328 unID 102.7 ?? "Kool 102.7" NOTE 3
- 1329 WEZL 103.5 SC Charleston 1189
- 1338 WWDM101.3 SC Sumter 1111
- 1346 WKCL 91.5 SC Ladson 1185
- 1722 WWKA 92.3 FL Orlando, "K92FM 1416
- 1730 WJBT 92.7 FL Green Cove Springs "The Beat" 1315
- 1736 WQLC 102.1 FL Watertown 1282
- 1825 unID 93.5 ?? "Alive" gospel (John, WHJT in Clinton, MS uses this slogan - grc)
- 1826 WQUE 93.3 LA New Orleans 1185
- 1829 WLTS 105.3 LA Slidell 1165
- 1833 KQKI 95.3 LA Bayou Vista 1198
- 1839 KXFA 103.1 AR Monticello 925

John Ebeling's report continued:

JUNE 26 ES CONT

1844 KKND 106.7 LA Port Sulphur "The End" 1221	1850 KLRZ 100.3 LA Larose	1853 KJNA 99.3 LA Jena 1059	1857 WTKS 104.1 FL Cocoa Beach 1449	1900 WMFE 90.7 FL Orlando 1416	1902 KOOK 93.7 LA New Iberia 1175	1903 WEMX 94.1 LA Kentwood 1116	1904 unID ?? ?? WTJS or WTJF	1931 WINL 98.5 AL Linden 1048
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JULY 1998 DX

1 ES			
1556 WYNU 92.3 TN Milan, Power 92 791	1600 WJSU 88.5 MS Jackson 1024		
1600 WIGH 88.7 TN Lexington 814	1604 WSYE 93.3 MS Houston 925		
1606 WYLD 98.5 LA New Orleans 1185	1609 unID 107.3 ?? "Oldies 107 Kool" (John, this is WYCL Pensacola - grc)		
1610 WLTS 105.3 LA Slidell 1165	1616 WWZD 106.7 MS New Albany "Wizard" 885		
1620 WMXU 106.1 MS Starkville 956	1622 WAVH 106.5 AL Daphne, Oldies 106		
1630 WCMR 94.5 MS Bruce 916	1633 WZRW 95.1 MS Marion 1029		
1638 WWMS 97.5 MS Oxford 888	1640 WSRR 98.1 TN Millington Star 98 817		
1650 unID 103.7 ?? "Eagle 99.3" LMA? (This is WHER Hattiesburg, MS - grc)	1657 WABQ 105.5 MS Waynesboro 1080		
1658 WMXU 106.1 MS Starkville 956	1700 KRVS 88.7 LA Lafayette 1150		
1702 unID 93.7 ?? "Kool 93.7"	1708 KRRQ 95.5 LA Lafayette, rap music "Q 95.5" 1159		
1712 KBIU 103.7 LA Lake Charles 1160	1720 KAGL 93.3 AR El Dorado Eagle 952		
1728 KBON 101.1 LA (Mamou - grc)	1732 WBJJ 104.5 LA Jackson		
1733 unID 104.5 ?? Mix 104.5	1735 KHPA 104.9 AR Hope 923		
1738 KVVP 105.7 LA Leesville "Country 105 KDOG" 1097	1753 KQXY 94.1 TX Beaumont legal ID was fast and buried 1172		
1754 unID 94.5 "K 94.5"	1757 KYKR 95.1 TX Beaumont 1172		
1759 KTXB 89.7 TX Beaumont 1172	2 ES		
2253 WBRH 90.3 LA Baton Rouge 1151	4 ES		
1958 WZKX 107.9 MS Bay St. Louis "Kicker 108" 108	2002 unID 98.7 ?? 98 Mix	2004 WACR 103.9 MS Columbus 959	
2010 WYCL 107.3 FL Pensacola Kool 1182	2013 WRQO 102.1 MS Monticello Q102 1076	2014 WXBM 102.7 FL Milton 1170	
2016 WHER 103.7 MS Hattiesburg, +M 67k SCA, oldies "Eagle 99.3" 1098	2023 WLTS 105.3 LA Slidell 1165	2028 WLSM 107.1 MS Louisville 978	
2047 WWGM 93.1 TN Alamo 796	2051 WPGG 93.3 AL Evergreen 1117	2055 WYSF 94.5 AL Birmingham 981	
2059 WMAW 88.1 MS Meridian 1032	2059 WRWA 88.7 AL Dothan 1157	6 ES	
1720 WWXM 97.7 SC Georgetown 1175	1722 WUFF 97.5 GA Eastman 1139	1724 WQIK 99.1 FL Jacksonville 1294	1725 WAYS 99.1 GA Macon 1088
1728 WEZL 103.5 SC Charleston 1189	1733 WBUB 107.5 SC St. George 1147	1736 WSYN 106.5 SC Georgetown 1175	1740 WKZR 102.3 GA Milledgeville 1083
1743 unID 100.3 ?? New Kool 100	1745 WNRO 99.3 FL Cocoa 1443	1749 WGCO 98.3 GA Midway 1183	1751 WXTB 97.9 FL Clearwater 1421
1753 WGNE 98.1 FL Titusville 1424	1757 WHFX 92.7 GA St. Simons Island "Coastal Fox" 1251	1759 WSVH 91.1 GA Savannah 1201	1805 WTKS 104.1 FL Cocoa Beach "Real Radio" 1449
1807 WDEN 105.3 GA Macon 1088	1815 WJEC 106.5 AL Vernon 946	1817 WRMA 106.7 FL Fort Lauderdale 1601	1819 WXXL 106.7 FL Tavares XL 106.7 1390
1823 WAOA 107.1 FL Melbourne A1A 1463	1828 WYCL 107.3 FL Pensacola 1191	1833 WOOF 99.7 AL Dothan Woof 1157	1835 WQYK 99.5 FL St. Petersburg 1438
1840 unID 101.5 ?? B or V 101.5	1845 WSFJ 97.9 FL St. Augustine 1340	1852 WHOG 95.7 FL Ormond-by-the-Sea "Classic Rock" 1371	1857 WIXV 95.5 GA Savannah 1201
1858 WGBY 95.9 ??	1905 WVOH 93.5 GA Hazelhurst 1174	1915 WISP 98.7 FL Holmes Beach "Wild 98.7" 1452	1921 WSHE 100.3 FL Orlando 1416
1924 WHAT 97.5 GA Atlanta 1013	1926 WVVF 93.3 GA Manchester J 93.3 1066	1930 WJYO 91.5 FL Ft. Myers Joy FM 1528	1941 WUSF 89.7 FL Tampa, +T on 67 kHz SCA 1429
1946 unID 99.1 ?? "Real Rock" 1191	1949 WDMG 99.5 GA Douglas 1191	1958 unID 88.7 ?? Black Gospel "Power Station"	

John Ebeling's report continued:

JULY 7 ES

0924 unID 93.5 ?? hard rock "The Asylum" 1085	0931 WYSV 88.7 SC Cayce	1048 WWWZ 93.3 SC Summerville "Z93 Jams" 1169	1050 WSSX 95.1 SC Charleston 1189	1053 WGCO 98.3 GA Midway 1183	1100 WNMB 105.9 SC N. Myrtle Beach	1103 unID 105.9 ?? 261-1059 "Magic 105.9"
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1107 unID 106.5 ?? 103.7, Spanish on these freqs.	1113 unID 106.9 ?? "Star 107" (running syndicated prog 1-800-832-0208, no help!)	1126 WDAI 98.5 SC Pawleys Island "Kiss FM" 1177	1129 WWKT 99.3 SC Kingstree, 1133 KOLS 95.5 KS Dodge City 742
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1138 KKYC 102.3 NM Clovis 1035	1141 KJIL 99.1 KS Copeland 762	1145 KICA 98.3 TX Farwell 1028	1150 KGGM 93.5 LA Delhi 1007	1159 WSVH 91.1 GA Savannah +T 67 kHz SCA 1201	1159 WSKX 92.3 GA Hinesville 1201	1159 WACG 90.7 GA Augusta +T 67 kHz SCA 1090	1213 KNTU 88.1 TX Denton 981	1217 WAGP 88.7 SC Beaufort (lots of underwriting commercials) 1190	1300 WHCB 91.5 TN Bristol 897	1306 WNKS 95.1 NC Charlotte "Kiss 95.1" 1018
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FROM BLOOMINGTON, MINN (CST)

JUNE 23 1998 ES

1900 KEPX 89.5 TX Eagle Pass 1182	1901 KGNZ 88.1 TX Abilene 923	1905 KGKL 97.5 TX San Angelo 1001	1915 HHPL 99.7 CL Ciudad Acuña NOTE 4 1152	1919 KWFR 100.9 TX San Angelo 1001
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NOTE 1: Many gospel stations listed on ID - caught most but not all ID's. Station of Andrew Wallmack Industries

NOTE 2: 94.7 & 99.9 given - oldies format.

NOTE 3: calls sounded like "WYTA"

NOTE 4: Thanks to Bruce Elving's daughter for translating the tape!!

If anyone can help with the unIDs, e-mail me at liebeling@aol.com

ALAN MICHALEK - 227 REDLANDS ST - SPRINGFIELD, MASSACHUSETTS 01104

Equipment: Panasonic RF2900 (May loggings), Sangean ATS909 with RDS

MAY 1999 DX

21 ES	
1135 WJXR 92.1 FL Maclenny	1140 WAYF 88.1 FL West Palm Beach "Way FM Christian Radio"
1143 WSCF 91.9 FL Vero Beach, Christian FM	1159 WMBX 102.3 FL Jensen Beach, "The New Mix 102.3"
1200 WBVD 95.1 FL Melbourne	1204 unID 102.7 ?? Oldies 102.7 ment Dunnellon
1206 unID 101.5 ?? "The Beacon"	1208 WHPT 102.5 FL Sarasota, "The Point"
1213 WRBQ 104.7 FL Tampa "Q105 Country"	1253 unID 92.1 ?? "The New Zoo"

MAY 22 ES

1121 WMCU 89.7 FL Miami	1122 WAYF 88.1 FL West Palm Beach "Way FM"
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JUNE 1999

10 ES	
1930 WDJR 96.9 AL Enterprise, Dothan ads	1932 WMMK 92.1 FL Destin, Cool
1936 WOOF 99.7 AL Dothan	1940 WWRK 92.1 GA Elberton "WRK Country"

12 TR

(can't find notes, but around 0700 or so)

WKIT 100.3 ME Brewer	CIOO 100.1 NS Halifax, "C100"	WBIG 100.3 DC Washington	CBH 102.7 NS Halifax CBC Radio 2	CJLS1 93.5 NS New Tusket
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17 ES

1537 unID 91.9 ?? Moody Magazine	1539 WBSN 89.1 LA New Orleans	1545 unID 89.7 ?? SRN Net Sound Radio 1-800-324-1108	1550 WJKK 98.7 MS Vicksburg "98 Mix" RDS
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Alan Michalek's report continued:

JUNE 18 ES

2028 WBSN 89.1 LA New Orleans
2042 WCKW 92.3 LA Laplace

20 ES

1740 WXP 96.9 IL Moline, 97X
1745 KBQB 99.7 IA Muscatine
1748 WUSN 99.5 IL Chicago
1750 KQKQ 98.5 IA Council Bluffs, "Sweet 98"

1752 KAYL 101.5 IA Storm Lake, RDS - calls

1753 KSTZ 102.5 IA Des Moines "Star 102.5"

1755 KJOD 103.3 IA Asbury
1758 KCCQ 105.1 IA Ames, Hot 105

1800 KSRZ 104.5 NE Omaha RDS "SRZ-FM"

1803 KCTN 100.1 IA Garnavillo

1805 unID 103.5 ?? The Beach?

WASL

SL100

All Hits



1817 unID 104.3 ?? New Country 104.3

1819 unID 103.7 ?? RDS - "The Kat"

1824 WIL 92.3 MO St. Louis, "92WIL"

1830 WMCU 89.7 FL Miami

1837 unID 103.3 ?? "Star 103" (This could be KJSR Tulsa, OK - grc)

1839 WRBQ 104.7 FL Tampa

1843 KMJX 105.1 AR Conway, Magic 105

1853 KWOZ 103.3 AR Mountain Home, "Arkansas 103"

1856 WASE 103.5 KY Radcliff, "Cool 103"

1859 unID 107.9 ?? "Kix Super Country"

1907 KYQQ 106.5 KS Arkansas City RDS - "KYQQ-FM"

1919 KLAL 107.7 AR Wrightsville

JULY 6 ES CONT

1925 KRXX 107.7 OK Oklahoma City

1930 KKIX 103.9 AR Fayetteville, Kix 104

1935 KKLH 104.7 MO Marhsfield, KLH

1946 unID 101.7 ?? Q105 and other call lost in fade

2000 KASU 91.9 AR Jonesboro

2004 KGRM 91.5 LA Grambling

2018 WOGY 94.1 TN Germantown, "Froggy 94.1"

2026 WAFX 95.1 AL Prattville, "The Fox"

2030 KYFL 89.5 LA Monroe

2055 WEPR 90.1 SC Greenville, RDS

2101 WMBU 89.1 MS Forest

2110 unID 92.1 ?? Country from the heart

2134 KVNE 89.5 TX Tyler

7 ES

1632 KBFC 93.5 AR Forest City, "Q93.5" different call?

1638 KIPR 92.3 AR Pine Bluff, 92 Jamz

1640 unID 92.1 ?? KYT ment Lexington 271-0079

1640 KKPT 94.1 AR Little Rock

1646 KRVV 100.1 LA Bastrop "The Beat"

1646 WASL 100.1 TN Dyersburg, ad for Dyersburg Mall

1659 WMC 99.7 TN Memphis

1700 KWOZ 103.3 AR Mountain Home, "Arkansas 103"

1705 WRBO?103.5 MS Como, new soul classics mention Memphis (yep that's them -grc)

1706 WWTN 99.7 TN Manchester, Super talk radio

1706 WRVW 107.5 TN Lebanon, The River

1708 WRBQ 104.7 FL Tampa, Q105

1710 unID 95.1 ?? "T95". (Alan, this is the slogan for KICT Wichita, KS - grc)



CUTTING EDGE ROCK

My first report submitted in many years (last report was when Saul Chernos was editor). RDS stations received locally are: WAMC 90.3 Albany, WHYN 93.1 Springfield, WPVQ 93.9 Turners Falls & their XLTR's 97.1 in Amherst and 105.3 South Hadley, WPLR 99.1 New Haven (at first used call, now "99 Rock"). 94.3 in Springfield has a religious SPANISH station United Christian Radio - gives ID in Spanish and once in awhile in English. 73's, AI. (AI, welcome back to the column. Hope to hear from you again! - grc)

ROGER GRAVELLE - 60 SOUTH VALERIE ST - ST. THOMAS, ONTARIO N5R 1A8

Equipment: Sony ST-S555ES FM Tuner, Delphi 9 element FM "A" antenna at 55', B antenna "T" indoor (wall) no amos. 300 ohm lead. all locainos are new

JULY 1999 DX

7 ES

1350 KSPZ 92.9 CO Colorado Springs, picked up the call-in number oldies request line 1-800-522-0929 - to my surprise it worked from St. Thomas!! DJ was surprised

1400 KTCL 93.3 CO Fort Collins

1400 KKXX 94.1 CO Montrose

1405 WHNN 96.1 MI Bay City, "K96" new format

18 TR (CFPL 95.9 off - severe t-storm)

1600 CJKX 95.9 ON Ajax, country

1605 WKUZ 95.9 IN Wabash

1615 WWSY 95.9 PA Sharpshville, heard cities fairly clear

1618 WYNT 95.9 OH Upper Sandusky (not new)

106.3 Sarnia (rock) is on the air, CKTY 1110 country is off air. Many stations of air on July 18th (AM, FM, TV) due to severe lightning. CFPL AM-FM-TV, CBC 40 London, CKOT 101.3 Tillsonburg, CJBK 1290 London, CFCO 630 Chatham, CJBX 92.7 London.

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

Internet: noklies@rcisnet.net

July 23, 1999 Es

0925 KSKL 94.5 KS Scott City "Cool 94.5" 1175

0935 KPRD[tent.]88.9KS Haysw/"World Changes Radio" 1248

0952 KDNS 94.1 KS Downs "KD-country 94" 1275

0936 KCVW 94.3 KS Kingman w/Jay Seculow program 1338

0950 KGLL 96.1 CO Greeley "Country 96" 941

0945 KSKG 99.9 KS Salina country 1336

0938 KHOK 100.7 KS Hoisington 1283

0939 KFDI 101.3 KS Wichita country 1377

0939 KBLS[tent.]102.5KS N.Fort Riley 1336

0940 unk 105.5 KS (KVSV? or KKOY? "Don't You Care" by the Buckingham

SCOTT BARNETT - 19882 CRANBROOK DR APT 214 - DETROIT, MICHIGAN 48221

Equipment: Grundig Yacht Boy 400, Internet: seabarnett@aol.com
<http://members.aol.com/seabarnett/fmradiolog.htm>

JULY 19, 1999 TROPO

0722 WGTZ 92.9 OH Eaton Z93 191

0725 WCLR 95.7 OH Piqua Oldies 95 164

0727 WDOH 107.1 OH Delphos 127

0731 WHKO 99.1 OH Dayton K99.1 195

0734 WEEC 100.7 OH Springfield 175

0741 WENZ 107.9 OH Cleveland Kiss 107.9 117

0743 WAJI 95.1 IN Fort Wayne Magic 95.1 140

1113 WICT 95.1 PA Grove City Cat 166

21 TR

0810 WYSU 88.5 OH Youngstown

0818 WERG 89.9 PA Erie

0830 WUNP 89.9 WV Wheeling

0832 CKRZ 100.3 ON Oshweken, mostly "CW"

0900 CKMS 100.3 ON Waterloo, "rap" for ages



0940 KZLS 107.9 KS Great Bend ID 1285
1000 KILS 92.7 KS Minneapolis



Great Bend, Hoisington, Hays

"Salina's Classic Rock" 1326

1015 KCLY? 100.9KS? ID's as "lite 102"

1020 KRVN 93.1 NE Lexington "lite 93" 1192

1024 KNEB 94.1 NE Scottsbluff 978

Thankx to Todd Brandenburg and Niel Wolfish for help on unID's

JULY 23, 1999 TROPO

0422 WOOD 105.7 MI Grand RapidsEZ105.121

0440 WMUS 106.9 MI Muskegon 158

0503 WUPS 98.5 MI Houghton Lake 151

0511 WUGN 99.7 MI Midland 102

0519 WKQZ 93.3 MI Midland Z93 108

JULY 30, 1999 TROPO

0933 WZOC 94.3 IN PlymouthOldies 94.3172

JULY 31, 1999 TROPO

0301 CHYM 96.7 ON Kitchener Chime-FM144

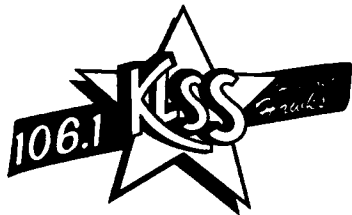
MATTHEW SITTEL - 1731 SCARBOROUGH DRIVE APT. 2-1 - BELLEVUE, NEBRASKA 68123

Equipment: Yamaha TX-900U tuner with modified filters, rabbit ears, 2nd floor apartment.

Internet: 76255.2171@Compuserve.com

JULY 1999**22 TR**

1219	KLZZ	99.1	MN	Walker, 99-1 Real Rock	419
1235	KTCZ	97.1	MN	Minneapolis, Cities 97	301
1239	KPLO	94.5	SD	Reliance, calls	273
1252	KPHR	104.3	SD	Milbank, Watertown ad	285
1301	KQRN	107.3	SD	Mitchell, ID, rock	208
1307	KDWB	101.3	MN	Richfield, calls	293

**23 TR**

0643	KRLI	97.5	MO	Malta Bend, Saline Co. ad, o	192
2139	KEEZ	99.1	MN	Mankato, Z99	233
2153	WLTE	102.9	MN	Minneapolis, W-Lite	301
2157	KQQL	107.9	MN	Anoka, ID	309
2223	KLGI	106.1	MN	Princeton, The New Bob, k	330
2230	KLSS	106.1	IA	Mason City, Star	106, calls 199
2234	KRAQ	105.7	MN	Jackson, calls	179
2247	KLKS	104.3	MN	Breezy Point, K-Lakes	104.3 390
2253	KOWZ	100.9	MN	Blooming Prairie, "Kowz"	239
2255	KZNC	99.1	SD	Huron, Kissin' Country	252
2259	KESD	88.3	SD	Brookings, ID	225
2309	KNXR	97.5	MN	Rochester, local ads, b	268
2324	WYTE	96.7	WI	Whiting, Y96.7, k	399
2327	KQCL	95.9	MN	Faribault, Power	96259
2328	WIFC	95.5	WI	Wausau, calls	415
2335	KSTP	94.5	MN	St. Paul, KS-95	302
2345	KEGE	93.7	MN	Minneapolis, MN's 93-X	301
2353	KQRS	92.5	MN	Golden Valley, ID	307
2359	KQSD	91.9	SD	Lowry, ID	347
2359	KRUE	92.1	MN	Waseca, ID	240

24 TR

0057	WAPL	105.7	WI	Appleton, The Rockin' Apple	440
0059	WHWC	88.3	WI	Menomonie, ID	331
0106	KJOE	106.1	MN	Slayton, Joe Country	198

0110	KXNP	103.5	NE	North Platte, KX104251	
0111	KFIL	103.1	MN	Preston, True Country, calls	265
0122	KXLP	93.1	MN	New Ulm, calls	234
0707	KYSM	103.5	MN	Mankato, local ads	233
0712	KKCK	99.7	MN	Marshall, local ad	230
0713	KMFX	102.5	MN	Lake City, Fox Country	102.5 296
0718	KTCO	98.9	MN	Duluth, Kat Country	98.9 436
0723	KQYB	98.3	MN	Spring Grove, Hot Country	KQ-98 277
0734	WCOW	97.1	WI	Sparta, Country Power	97 328
0741	KARP	96.3	MN	Glencoe, Hit 96, k	268
0759	WLJY	106.5	WI	Marshfield, Wausau ad	382
0804	KLGA	92.7	IA	Algona, calls	161
0805	WPRE	94.3	WI	Prairie du Chien, Q94, k	280
0810	WOFM	94.7	WI	Mosinee, 94.7 and 99.9 the Oldies Station	404
0813	WJMC	96.3	WI	Rice Lake, local mention	370
0816	KDNW	97.3	MN	Duluth, g	436
0817	WLTV	97.3	WI	Milwaukee, Lite 97	433
0833	WIMI	99.7	MI	Ironwood, area ads	468
0845	KNEI	103.5	IA	Waukon, Real Country	273
0846	KUOO	103.9	IA	Spirit Lake, area mentions	166
0855	KKCB	105.1	MN	Duluth, B105, k	436
0921	KOKZ	105.7	IA	Waterloo, The New Cool	105.7 207
0925	WCCN	107.5	WI	Neillsville, calls, r	361
0940	KDEC	100.5	IA	Decorah, DC 100.5	261
0941	WRQC	100.3	MN	Minneapolis, Rock 100.3	301
0944	KTCZ	97.1	MN	Minneapolis, Cities 97	301
0952	WLXT	96.3	MI	Petoskey, W-Lite, local ads	627
0959	WJTY	88.1	WI	Lancaster, ID	294
0959	KGAC	90.5	MN	St. Peter, ID	241
0959	WHLA	90.3	WI	La Crosse, ID	304
1004	KATE	92.9	IA	Dubuque, Soft Rock	92.9 Kat FM 288

**Matt Sittel's report continued:**

0733	KWYR	93.7	SD	Winner, Pierre ad	253
1658	KSJN	99.5	MN	Minneapolis, c, MN talk	301
1659	WRFW	88.7	WI	River Falls, WI Public R., ID	309
1728	KIWA	105.3	IA	Sheldon, calls	143
1736	KITN	93.5	MN	Worthington, calls	174
1752	KDSU	91.9	ND	Fargo, ND Public Radio	400
1755	KQQL	107.9	MN	Anoka, Kool 108	309
1758	KRLS	92.1	IA	Knoxville, Pella ad	149
1803	KDOM	94.3	MN	Windom, local ad	195
2122	KLKK	103.1	IA	Clear Lake, Mason City ad	192
2127	WHMH	101.7	MN	Sauk Rapids, Rock 101	320
2135	KOWZ	100.9	MN	Blooming Prairie, "Kowz"	239
2136	KOLV	100.1	MN	Olivia, Renville ad	257
2139	KBOB	99.7	IA	Muscatine, Bob Country	255
2143	KGGK	98.3	SD	Wessington Springs, local ad	245
2146	KKOK	95.7	MN	Morris, Prairie's Best Country	309
2146	KSOB	95.7	SD	Dell Rapids, ID, rp	191
2150	KDJS	95.3	MN	Willmar, area ad	280
2152	VWJO	98.1	MN	St. Cloud, 98-Country	319
2153	KIFG	95.3	IA	Iowa Falls, local nx	169
2155	KNUJ	94.7	MN	Springfield, Sleepy Eye ad	221
2159	KNSW	91.7	MN	Worthington, ID	174
1224	KCHE	92.1	IA	Cherokee, local ad	115

JULY 24 TR

1009	WEKZ	93.7	WI	Monroe, The Big EZ	93.7 341
1017	KAGE	95.3	MN	Winona, KG 95	298
1023	WZOK	97.5	IL	Rockford, 97 ZOK	362
1028	WYKY	100.5	WI	Columbus, area mention	387
1039	KYTC	102.7	IA	Northwood, KY 102.7, o	213
1055	KFMW	107.9	IA	Waterloo, Rock 108	207
1059	KRPS	89.9	KS	Pittsburg, ID	264
0843	KEEZ	99.1	MN	Mankato, Z99	233
0913	KJLS	103.3	KS	Hays, Mix 103, local ads	236
0921	KJAM	103.1	SD	Madison, local sports	208
0932	KKCK	99.7	MN	Marshall, calls	230
0937	KPLO	94.5	SD	Reliance, 94 Country, calls	273
0947	KIAI	93.9	IA	Mason City, The Country Moose, KIA-FM	199
0958	KVCX	101.5	SD	Gregory, calls, g	231
0729	KMNE	90.3	NE	Bassett,	

The July 23-24 opening was fantastic! Over 50 new stations, with the highlight being Petoskey, MI making it across the lake. Thank you to Tim Noonan and Bruce Elving for their help in identifying 5 of my uniDs. Logging North Dakota on July 28th was also a nice surprise.

The lack of skip this report is disappointing. Looks like the season won't be as good as I had hoped. Still my log totals are at 334 now, so I can't complain! 73s Matt.



RICK SHAFTAN - BOX 578 - SPARTA, NEW JERSEY 07871

Equipment: Realistic STA-2280 receiver with 2 APS-14s stagger stacked, phased with two FM13's vertically stacked using the Bolin phase box. Both antennas are 40' above ground. Altitude 1000' Internet: shaftan@ptd.net

MAY 1999 DX

30 ES
 1936 K1WR 89.7 IA Council Bluffs "Modern Rock for the New Millenium"
 1937 ????? 90.7 "Rel., Not Omaha"
 1938 ????? 92.3 Mix of Oldies and Baseball
 1943 ????? 95.1 NASCAR
 1945 ????? 95.7 NASCAR
 1946 ????? 89.9 "Marilyn McPartland, Barters Books and Music, NPR, 800-644-7733"

New Country!
92.5 KJJY

1951 ????? 89.3 Spanish
 1952 KJJY 92.5 IA Ankeny Local ad
 1954 WOW 94.1 NE Omaha "Country, Jim's Dodge"
 2000 KNET 95.1 NE Lincoln Lincoln's Classic Hits
 2003 KCSI 95.3 IA Red Oak "Hi-Vee Chicken, Sunshine Country"
 2007 KROA 95.7 NE Grand Island Dawson McAllister
 2016 ????? 92.3 Muzak (KOEZ? - grc)

31 TR

2041 ????? 89.1 Christian
 2045 WMCU 89.7 FL Miami ID

JUNE 1999 DX

5 TR
 2255 WYFJ 100.1 VA Ashland//99.7 Norfolk273
 2331 ??? 95.9 Max 95.9

6 TR
 0012 WKHW 106.5 MD Pocomoke City "Oldies 106.5, WHLM now Flight 106.5"
 0047 WCEI 96.7 MD Easton ID
 0100 WKHK 95.3 VA Colonial Heights Solid
 0217 WKLR 96.5 VA Richmond The Planet290
 0235 WBBC 93.5 VA Blackstone The Bobcat 329
 0251 WMBX 103.7 VA Richmond Rock // Bill B. 290
 0255 WSMD 98.3 MD Mechanicsville ID
 0259 WTDK 107.1 MD Federalsburg The Duck
 0310 ????? 103.9 Soul
 0321 WTRG 100.7 NC Rocky Mount Oldies 406
 0339 WOTC 88.3 VA Edinburg "Christian, ID at top of hr // WMRA" 264
 0400 WNCW 88.7 NC Spindale//Bill B. w/what sounded like nx. // NEW GRID EM85 552
 0410 WCDX 92.1 VA Mechanicsville Power 92 282

JUNE 6 TR CONT

0431 WKMZ 97.5 WV Martinsburg Solid w/ID 211
 0500 WCVE 88.9 VA Richmond ID. 283
 0801 WMMJ 102.3 MD Bethesda o/WSUS
 0806 WBIG 100.3 DC Washington On top
 0806 WMJS 92.7 MD Prince Frederick "Southern MD's Home of Easy Listening Favorites, WMJS" 203
 0810 WVGO 104.7 VA Crewe Kiss FM 320
 0830 WGRQ 95.9 VA Colonial Beach Q-96 234
 0901 WAGO 88.7 NC Snow Hill Your Christian Station WAGO 418
 0910 WYFL 92.5 NC Hendersonville ID 384
 0916 WGRX 100.7 MD Westminster New Country 100.7 153
 1859 WNGX 91.9 NY Argyle "Your Northeast Gospel Network, ID w/station in VT" 163
 1930 WVTR 91.9 VA Marion Calls 464
 1932 W220AA91.9 NJ Parlin Arabic

10 ES

1814 KNTU 88.1 TX Denton ID 1344
 1822 KWND 88.3 MO Springfield 88.3 The Wind FM 1020
 1850 KZPS 92.5 TX Dallas Calls 1360
 1922 KICM 93.7 OK Healdton Ardmore 1328
 1923 KDGE 94.5 TX Gainesville The Edge 1325
 2000 WPAP 92.5 FL Panama City ID 945

11 TR

0920 WCUL 103.1 VA Culpeper Local ad
 0927 WKMZ 97.5 WV Martinsburg The Mountain
 0930 W249AT97.7 PA Reading "Classical, Temple U."
 2142 WKOE 106.3 NJ Ocean City The Shore
 2225 WNCT 107.9 NC Greenville Oldies 107.9 418
 2228 WKHI 107.5 VA Exmore KHI 236
 2230 WSVV 92.1 NC Moyock Jammin Oldies 92.1 and 107.7

88.7 WNCW FM

12 TR

0018 WBXB 100.1 NC Edenton
 0100 WFMZ 104.9 NC Hertford Praise 105
 0200 WAGO 88.7 NC Snow Hill ID
 0242 WKIX 96.9 NC Goldsboro Kix 96.9 and 101.1 432
 0247 WSTS 100.9 NC Fairmount "Religion, Southern Gospel Music's best" 522

Rick Shaftan's report continued:

JUNE 12 TR CONT.

0253 WGNL 102.7 NC Wilmington 102.7 GNI is Wilmington's Weekend Station 517
 0259 WFXQ 99.9 VA Chase City Fox 99.9 Chase City to South Hill 353
 0611 WWWV 97.5 VA Charlottesville 3WV 293
 0617 WFRE 99.9 MD Frederick Country // Bill Burrows 184
 0706 WAZR 93.7 VA Woodstock "Here in Woodstock" 266
 0820 WQJU 107.1 PA Mifflintown Gospel Greats 814-355 phone 151
 0823 WLZS 106.1 PA Beaver Springs Wheels 106.1 136

17 ES
 1435 WKIS 99.9 FL Boca Raton Kiss 1085
 1437 WAYF 88.1 FL West Palm Beach

Good Time Oldies
WHEELS
 106.1

Way FM 1030
 1439 ????? 89.5 Religion
 1440 WXEL 90.7 FL West Palm Beach "Ray Suarez, Talk of the Nation" 1048
 1443 WAQY 91.7 MS Gulfport Ad for concert in Gulfport 1075
 1448 ????? 101.3 Jazz
 1449 KLRZ 100.3 LA LaRose "KLRZ, mention of Highway 308" 1185
 1450 WAZA 107.7 MS Liberty Mississippi Cellular ad 1121
 1455 WMLV 106.9 MS Stonewall Love 106 ID as Stonewall-Meridian 981
 1458 WAPR 88.3 AL Selma Alabama Public Radio 908
 1500 WBSN 89.1 LA New Orleans "89.1 FM, ID" 1148
 1502 ????? 90.5 AFA Foundation
 1503 ????? 90.7 Blues
 1503 KSLU 90.9 LA Hammond "Southland Conference, ID" 1143
 1509 WYNK 101.5 LA Baton Rouge Cntry 1187
 1510 ????? 101.5 CK Rock
 1512 102.5 Rap
 1513 WHMA 100.5 AL Anniston Alabama 100 800
 1513 WYOY 101.7 MS Gluckstadt "Y-101, Lame" 1044
 1514 ????? 100.9 Jazz
 1515 WNOE 101.1 LA New Orleans C&W 1147
 1515 KBOM 101.1 LA Mamou KVOM 1217

JUNE 17 ES

1515 WLMG 101.9 LA New Orleans "Soft Rock and Less Talk, Magic 101.9" 1147
 1516 KSIG 102.1 LA Basile Acadiana ads 1246
 1520 KKMY 104.5 TX Orange Mix 104.5 1310
 1523 KNEK 104.7 LA Washington "Essence Music Festival in NO, Woodside Inn in Opelousas" 1219
 1524 ????? 104.9 Talk about a game Alabama vs. Rice
 1526 KPEL 105.1 LA Abbeville Political ad for Lafayette Parish Sheriff 1238
 1530 WAKH 105.7 MS McComb Hwy 555 in Magnolia 1106
 1532 ????? 106.9 Country
 1553 WYOY 101.7 MS Gluckstadt Jackson ad
 1555 KBCE 102.3 LA Boyce ID 1200
 1601 KLSA 90.7 LA Alexandria Red River Radio 1188
 1602 WRQO 102.1 MS Monticello Mississippi Morning 1080
 1604 KJNA 102.7 LA Jena LA Agrinevs Network 1161
 1606 WMSI 102.9 MS Jackson Miss 103 1061
 1608 ????? 103.1 Love Stinks
 1610 ????? 103.9 "Black pgm, prob. Mississippi, promo for Doug Banks Show"
 1612 KZYQ 103.5 AR Lake Village Ad for Livingston Furniture on Hwy 82 1055
 1616 KIXB 103.3 AR El Dorado Local ads 1138
 1625 KLBQ 98.7 AR El Dorado Q-99 1138
 1629 KVMA 107.9 AR Magnolia Horizon Bank of Columbia County 1150
 1631 ????? 104.9 Two country's
 1631 ????? 105.9 Country
 1634 KVLO 102.9 AR Sheridan 102.9 K-Love 1066
 1639 KWYN 92.5 AR Wynne East Arkansas Country 92.5 960
 1640 ????? 93.3 Country
 1642 KKPT 94.1 AR Little Rock The Point 94.1 1061
 1643 WLSQ 94.3 TN Dyer Hwy 412 towards Lexington. 94.3/105.3 851
 1648 ????? 93.9 Country
 1952 WAFR 88.3 MS Tupelo tonyevans.org
 2010 WDGL 98.1 LA Baton Rouge Local ad 1182

JB
 94.5

Rick Shaftan's report continued:

JUNE 17 ES CONT

2016 ????? 97.3 Michael Medved
(Flora, Miss. ? - grc)
2018 ????? 94.9 Muzak (WADU? -grc)
2020 WJZD 94.5 MS Long Beach "Boyd C.
James, candidate for Harrison Co. Clerk" 1086
2021 KSMB 94.5 LA Lafayette Largest
selection of Furniture in SW Louisiana 1226
2022 KQKI 95.3 LA Bayou Vista Highway 90
in Peterson 1219
2023 WKTF 95.5 MS Jackson "Anderson Bros
in Jackson, ad for Thomasville" 1063

**94.5
KSMB**

2025 WTKL 95.7 LA New Orleans Cool 95.7
1153
2027 WBBN 95.9 MS Taylorsville Star 95 and
B95 mentions 1047
2029 WFFF 96.7 MS Columbia Calls 1080
2030 WSSY 97.5 AL Talladega Brought to you
by WFHK and Sunny 97 818
2031 ????? 98.1 How Great Thou Art
2032 ????? 107.9 Soul
2036 KCIL 107.5 LA Houma "Local ads, calls"
1185
2041 WXRQ 105.9 MS Pascagoula Local ads
1078
2044 WCAC 103.3 LA Hammond New Cat
Country 103 1164
2045 KVOL 105.9 LA Opelousas One time
blues show in Opelousas 1215
2047 KQXL 106.5 LA New Roads "106 DOT 5,
local ad" 1168
2049 ????? 92.5 www.tonyevans.org
2051 ????? 92.1 Soul
2052 WQUE 93.3 LA New Orleans Calls 1153
2058 WRBH 88.3 LA New Orleans Radio for
the blind 1148
2100 WWOZ 90.7 LA New Orleans "Local
church mentions, calls" 1153
2105 WBLX 92.9 AL Mobile Local ads 1020

20 TR & ES

0200 WBSQ 102.5 NY Bridgehampton Calls 118
0900 WMPN 91.3 MS Jackson
Mississippi Public Radio 1061
0910 KRVS 88.7 LA Lafayette French Cajun
Pgm 1226
0911 KYFL 89.5 LA Monroe Local church
mentions 1128
0914 ????? 91.5 Black gospel
0916 ????? 92.1 White gospel
0918 WDEF 92.3 TN Chattanooga Sunny 92.3
52 708

JUNE 20 ES CONT

0920 WVIV 93.9 MS Pearl Highway 80 and
the Mayart Mart Shopping Center 1040
0923 WZBQ 94.1 AL Carrollton Fisher and
Osmond Diamonds in Tuscaloosa 914
0923 WBAD 94.3 MS Leland Local ad for
Greenville 1039
0924 WJTT 94.3 TN Red Bank Local ad for
Chattanooga 707
0928 WTYX 94.7 MS Jackson Dixie net ad and
local ads 1054
0930 ????? 95.3 K&W Insulation in Reisen
0932 WJSU 88.5 MS Jackson Calls 1049
0933 ????? 95.7 Black religion
0933 ????? 98.3 www.flc.org
0933 ????? 98.3 Another religious station
0936 KKST 98.7 LA Oakdale
Star 98.7 serving Central LA 1209
0943 ????? 100.5 Revival in Eckrill
0946 ????? 101.1 Talk show
0947 ????? 102.3 Amazing Grace
0952 WACR 103.9 MS Columbus "Black Gospel,
ad for Templetons of Starkville on Hwy 12 W"
1013
0956 ????? 107.7 Gospel
1000 WJMI 99.7 MS Jackson 99 Jamz 1054
1001 ????? 100.9 Religion
1002 91.3/91.5 Parallel religion
1003 WALN 89.3 AL Carrollton "County Rd. 27
North of Reform, Arbor Springs Baptist
Church" 914
1005 ????? 94.5 Song by Brandy
1008 KAFX 95.5 TX Diboll KFOX 129
1009 ????? 95.9 "Classical mx, Piano"
1012 ????? 96.7 Jazz
1013 KWCL 96.7 LA Oak Grove
Mention of Morehouse Parish 1078
1014 WTCD 96.9 MS Indianola "WTCD,
Today's Country for the Delta" 1003
1014 ????? 97.1 Gospel Greats
1017 ????? 99.1/99.3 Parallel rock
1020 ????? 91.7 888-JESUS-36
1020 WTKL 95.7 LA New Orleans Cool 95.7
1153
1027 ????? 94.9 Ad for Jim Walter Homes
1028 WBBN 95.9 MS Taylorsville 1047
1030 KPWW 95.9 TX Hooks "All Hit Music
Power 95.9, Texarkana's Music Station" 1191
1040 KLXQ 96.7 AR Hot Springs
"AR Tourism ad, Q-96.7" 1105
1046 ????? 96.7 Back to back country
1050 KHYI 95.3 TX Howe Y 95 1313



Rick Shaftan's report continued:

JUNE 20 ES CONT

1055 ????? 97.7 "Ad for Northwest Church
of Christ, 212 E. Faith Rd., Lake Perry"
1057 ????? 99.7 "Bally's Casino Center
Drive, Mid South's Best Prices, Memphis?"
1100 ????? 93.3 "Ad for Yarnells Ice
Cream, CDT time, phone 332-6982"
1103 ????? 89.5 Religion
1106 ????? 92.3 Jazz
1108 ????? 93.3 Religion
1113 ????? 98.9 Black Gospel
1116 KQAR 100.3 AR Jacksonville Q-100 1061
1124 KITX 95.5 OK Hugo "K95.5, Ed Wallace
Mercury in Hugo" 1238
1125 KITG 96.3 AR Mena
Huggin Country 96.3 1136
1127 KQUS 97.5 AR Hot Springs Hot Springs
ad 1105
1131 ????? 99.1 "Country, Foxworthy
Countdown"
1133 KMAG 99.1 AR Fort Smith Real Rock
Radio 99.1 Phillips 66 in Arklaoma 1161
1139 KTCS 99.9 AR Fort Smith ID 1161
1141 ????? 100.7 Roofing Plus: 783-3018
or 651-2412
1142 KHPQ 92.1 AR Clinton "Arkansas
Children's Hospital, Q92 Country" 1032
1149 KRMD 101.1 LA Shreveport Calls 1208
1152 ????? 101.7 "CH Jackson ad,
Telecross Country"
1155 KKIX 103.9 AR Fayetteville "Chilis ad, Kix
104 in Fayetteville" 1110
1200 KKEG 92.1 AR Fayetteville Calls 1095
1203 KBVA 106.5 AR Bella Vista CNN Radio
Nx. Ad for place on Highway 59 1114
1205 KDAB 94.9 AR Prairie Grove Mentions of
Benton County 1123
1205 KOLL 94.9 AR Maumelle Little Rock ad
1059
1205 KLTQ 96.5 MO Sparta 96.5 The Max
1037
1215 KWTO 98.7 MO Springfield Rock 99
Classic Rock 1035
1215 KYIS 98.9 OK Oklahoma City
98.9 Kiss FM 1290
1220 ????? 97.3 Oldies 97
1222 KLVV 88.7 OK Ponca City "Today's
Christian Music, calls" 1244



21 ES

0930 ????? 93.7 Z93.7
1040 WUWF 88.1 FL Pensacola Calls 1007
1051 WBSN 89.1 LA New Orleans Calls 1148
1019 ????? 92.3 "Religion, 800-FL TODAY"
1021 KBRK 93.7 SD Brookings "Lake
Thompson ad, B93.7" 1161

22 ES

1051 WUWF 88.1 FL Pensacola
1855 ????? 92.1 "Oldies 92 Wink FM,
maybe WNNK Carthage"



1900 KSEC 93.3 CO Lamar ID and local news
1497

2015 ????? 95.3 Oldies 95.3
2100 KROK 92.1 AR DeRidder Calls 1250

26 ES

0855 CBNC 88.7 NS Stephenville French
0900 CJOZ 92.1 NF Bonvista OZ FM
0905 CKOZ 92.3 NF Corner Brook "OZ FM,
Rock of the Rock w/Casey's Coast to Coast"
0910 CBGC 92.5 NF Carmanville CBC 1176
0915 CBGA-8 93.5 PQ Cap-au-Meules FF 807
0920 ????? 93.7 Canadian
0922 CBNF 89.1 NF Bonne Bay CBC 1311
0925 CBYP 89.5 NF Portland Creek CBC
0928 CBNM 90.3 NF Marystown CBC 1045
0930 CBAF-1694.3 NF Port-au-port French
0935 KXNE 89.3 NE Norfolk Nebraska Public
Radio 1168
0940 ????? 89.7 Country Gospel
0945 CBAF-10 88.7 NS New Glasgow
Canadian French 678
0950 CKPG 94.9 NS Sydney "Disco Tire, local
ads" 799
0954 CBAF-1495.9 NS Sydney French 799
0957 CBAF-5 92.3 NS Halifax
"French, prev on MS" 609
1000 CBHA 90.5 NS Halifax CBC-English 609
1007 KJJY 92.5 IA Ankeny Calls
1011 KIOA 93.3 IA Des Moines Calls 974
1015 KKOT 93.5 NE Columbus Loretta Lynn
concert ad 1192
1017 KISP 101.5 NE Blair Country 101.5 1116
1018 KAYL 101.7 IA Storm Lake 101.7 Iowa's
Best FM 1059
1019 ????? 103.9 Crook & Chase
1027 KGGG 94.9 IA Des Moines Hwy 30 w/of
Boone. Classic Rock that Rocks KGGG 974
1030 KDIC 88.5 IA Grinnell New Life Reform
Church of Rock Valley 936

Rick Shaftan's report continued:

JUNE 26 ES

1033	????	90.9	"800-722-1976, Moneysworth"	
1035	KXIA	101.1	IA Marshallton Iowa's Best Country Kix 101	946
1038	KMXD	100.3	IA Des Moines Time Warp Weekend on Mix 100.3	982
1039	KZEN	100.3	NE Central City "KZ 100, Nebraska's Biggest FM"	1192
1042	KKQQ	102.3	SD Volga KQ-102	1151
1045	KSTZ	102.5	IA Des Moines Star	102.5
1046	????	98.3	"Joy FM 98, Central Plains"	
1047	KRKQ	98.3	IA Boone Eagles	988
1048		105.5	Hawks Baseball	
1058	KNSR	88.9	MN Collegeville Minnesota Public Radio	1044
1059	WHWC	88.3	WI Menominee Wisconsin Public Radio	910
1059	KESD	88.3	SD Brookings South Dakota Public Radio	1165
1100	WERN	88.7	WI Madison Wisconsin Public Radio	775
1102	KZSE	90.7	MN Rochester Minnesota Public Radio	922
1105	KGNA	91.5	MN St. Peter Minnesota News	1011
1110	KNXE	89.3	NE Norfolk Nebraska Public Radio	1168
1112	KMNE	90.3	NE Bassett "Car Talk, Nebraska Public Radio"	1280
1116	WIRR	90.9	MN Virginia Minnesota Public Radio	999
1120	????	92.7	West Hancock	
1122	KSOU	93.9	IA Sioux Center Orin City Phillips 66	1116
1126	KSFF	94.7	MN Caledonia 94.7 FM is K-Soft	878
1127	KOWZ	100.9	MN Blooming Prairie "Wx., Cows"	974

JUNE 26 ES

1135	KJLY	104.5	MN Blue Earth Family Life	1007
1136	KKLS	104.7	SD Sioux Falls Hot	104.7
1137	KYBA	105.3	MN Stewartville Southern MN's Soft Rock Y-105	937
1140	KJOE	106.1	MN Slayton KJOE 106.1	1100
1141	KIOW	107.3	IA Forest City Diamond Star restaurant in Forest City	982
1148	KMIT	105.9	SD Mitchell W. Highway 16 in Mitchell	1202
1154	WRQT	95.7	WI LaCrosse 95.7 The Rock	



1156	KELO	92.5	SD Sioux Falls Empire Mall	1128
1158	????	93.1	Country	
1200	????	91.3	WI 800-544-1448 Milwaukee	
1200	KPNE	91.7	NE North Platte Nebraska Public Radio	1376
1208	KKYA	93.1	SD Yankton "Hello L-O-V-E, KK 93"	1172
1210	KJLT	94.9	NE North Platte Sports Spectrum	1362
1211	KHNE	89.1	NE Hastings AAA of Nebraska	1220
1214	KROA	95.7	NE Grand Island Sports Spectrum	1234
1215	????	97.3	Folk Rock	
1219	????	93.9	"Back Street Boys on 93.9, The Rock that Talks"	
1223	KICX	96.1	NE McCook SW NE and NW KS 96.1 The X	1361
1300	KZNA	90.5	KS Hill City "BXU Radio Network, High Plains Public Radio"	1330
1300	KUNI	90.9	IA Cedar Falls "Eastern Iowa ment, NPR"	891
1319	KQMA	92.5	KS Phillipsburg Wichita State mentions	1297
1344	WNIJ	89.5	IL DeKalb Calls	745
1349	KSJQ	92.7	MO Savannah Missouri	1068
1545	KKNG	93.3	OK Newcastle Calls	1309
1600	KOMA	92.5	OK Oklahoma City Calls	1290
1612	????	100.5	High Country	
1615	KATT	100.5	OK Oklahoma City Rock 100.5 the Cat	1289
1620	????	102.7	"Sunrise Home Improvements, Sunrise Co. Metal Sales 649-5643"	
1924	KOMA	92.5	OK Oklahoma City "Calls, wx	

HOT 104.7
today's hottest music!

1128	KAYL	101.7	IA Storm Lake Iowa's Best Country Kix 101	946
1129	KKQQ	102.3	SD Volga First National Bank of Brookings	1151
1130	KTFG	102.9	IA Sioux Rapids "Midwest Bible Radio, Issues in Education"	1059
1131	KJAM	103.1	SD Madison Bob's Service in Madison	1159

Rick Shaftan's report continued:

JUNE 26 ES

2036	KDGB	93.1	KS Pratt KDGB The Big Dog	1275
2040	KPLV	93.3	TX Port Lavaca Calls	1509
2045	KITT	93.7	LA Shreveport Cat Country	1208
2050	KZPS	92.5	TX Dallas Town East Ford	1360
2053	KWRD	94.9	TX Arlington Calls	1360
2058	KTPB	88.7	TX Kilgore Kilgore College	1275
2102	KJIC	90.5	TX Santa Fe Houston/Galveston	1411
2108	KCBI	90.9	TX Dallas Christian Radio	1360

The **WORD**
94.9fm

JULY 1999 DX

1603	WLYU	100.9	GA Lyons Expos vs. Braves	750
1606	????	100.9	Soul	
1625	WTNT	94.9	FL Tallahassee "I-10, Exit 22 FI"	899
1633	WBAM	98.9	AL Montgomery Star	98.9
1638	WMFC	99.3	AL Monroeville "Freeway Ford, Calls"	961
1640	WVCN	99.3	GA Lumpkin "Winn-Dixie, Kissin 99.3"	833
1644	KRRV	100.3	LA Alexandria 100.3 K Double R V	1209
1654	KNOE	101.9	LA Monroe Calls	1139
0830	WZTA	94.9	FL Miami Beach ads	1088
0847	WIKX	92.9	FL Punta Gorda Kix Country	1063
0854	????	89.5	Billy Graham	
0950	KHPQ	92.1	AR Clinton Calls	1032
1002	WSIE	88.7	IL Edwardsville "The Jazz Station, WSIE"	826
1005	WNIN	88.3	IN Evansville Calls	708
1010	KOLL	94.9	AR Maumelle Cool 94.9	1059
1012	????	107.7	Dr. Ruth	
1014	WDDD	107.3	IL Marion Today's Country W3D w/local winners	794
1020	KHTT	106.9	OK Muskogee Pro-Oklahoma talk. Tulsa refs.	1193
1022	????	106.5	Piano mx	
1026	KMCK	105.7	AR Siloam Springs "Power 105.7 and Cool 94, Heartland Honda ad"	1109
1030	KMJX	105.1	AR Conway "Little Rock mentions, Rock"	1061

1033	????	104.9	Today's Best and Most Country	
1036	????	106.1	Cornball mx (KFFB? -grc)	
1038	KKIX	103.9	AR Fayetteville Ron Blackwell used cars in Bentonville	1110
1042	KZNN	105.3	MO Rolla 105.3 KZNN	936
1052	KKLR	94.5	MO Poplar Bluff "Black River Coliseum, Clear 94"	897
1055	KERX	95.3	AR Paris Ad for Arkansas Economic Development	1108
1057	????	95.9	Electric Light Orchestra	
1058	KWFC	89.1	MO Springfield ID	1013
1059	KAOW	88.9	AR Fort Smith American Family Radio	1134
1100	KUMR	88.5	MO Rolla Calls	936
1100	KOKS	89.5	MO Poplar Bluff Local ads	897
1112	KTTK	90.7	MO Lebanon Calls	993
1113	KJAF	91.3	AR Fayetteville Calls	1105
1114	KLUH	90.3	MO Poplar Bluff "Religion, Prayer Time, 686-1663"	897
1115	KCMH	91.5	AR Mountain Home Missouri and Northern Arkansas	1011
1116	????	88.1	Ad for Victory Christian Center in Tulsa	
1120	KOBC	90.7	MO Joplin "Christian Fiancial Concepts, Calls"	1091
1121	KOKF	90.9	OK Edmund Hit Music Radio 91FM	1289
1123	KKPT	94.1	AR Little Rock Local ads	1061
1128	KCFM	94.1	OK Ocmulgee Classical	1212
1137	KAMO	94.3	AR Rodgers Ad for Bobby Sox in Bentonville	1086
1837	????	104.7	Classical	
1839	KSLZ	107.7	MO St. Louis 64 is open into Illinois	848
1840	????	107.7	"Jim Murphy, Country Classics"	
1843	KSOK	107.9	KS Winfield "Country, calls"	1217
1850	WGBF	103.1	KY Henderson "103 GBF, the River City Rocker"	727
1851	KVLO	102.9	AR Sheridan Wild River Country ad	1066
1852	????	103.1	"Swap & Shop, local phone 926-3925"	
1853	KWOZ	103.3	AR Mountain View "Kellys, 265 W. Main, Batesville"	1002
1854	KKIX	103.9	AR Fayetteville Kix 104cast	1110
1856	KLLS	104.5	KS Augusta Augusta-Wichita Star 104.5	1224

FM 106.9
K U A R
HOPE & MONTICELLO

Rick Shaftan's report continued:

JULY 6 ES

Table listing radio stations and frequencies for July 6 ES. Includes entries like 1857 KUAR, 1859 KUMR, 1900 KDHX, etc.

Table listing radio stations and frequencies for July 6 ES, continuing from the previous section. Includes entries like 2005 KQSR, 2011 KTTS, 2014 KITO.



Columbia/Jefferson City Lake of the Ozarks

Table listing radio stations and frequencies for Columbia/Jefferson City and Lake of the Ozarks. Includes entries like 2016 KTTG, 2018 WTCD, 2021 KPCH, etc.



Rick Shaftan's report continued:

Table listing radio stations and frequencies. Includes entries like 1054 1847 WEKS, 2153 WMUR, 2154 KMG, etc.



BOB SMOLAREK - 31 MARK DRIVE - HIGH BRIDGE, NEW JERSEY 08829

Equipment: McIntosh MR78, Channel Master Stereo Probe 9, Internet: rsmolarek@ems.att.com

MAY 1999 DX

Table listing radio stations and frequencies for May 1999 DX. Includes entries like 11 ES 2040, 18 TR 0008.

23 ES

Table listing radio stations and frequencies for 23 ES. Includes entry 1900 92.9 KANS.



P.O. Box 7953

Table listing radio stations and frequencies. Includes entries like 2030 92.9 WBLX, 2050 93.5 KBHT, etc.

JUNE 1999 DX

5 TR

Table listing radio stations and frequencies for June 1999 DX. Includes entries like 2344 102.3 WPTM, 2358 99.7 WZAX.

6 TR

Table listing radio stations and frequencies for June 1999 DX. Includes entries like 0850 101.7 WLQM, 1800 91.9 W220BE.

10 TR

Table listing radio stations and frequencies for 10 TR. Includes entries like 2200 100.1 W261AE, 2345 102.9 WKJK.

11 TR

Table listing radio stations and frequencies for 11 TR. Includes entries like 2330 92.3 WNHWNags Head NC, 2340 96.9 WBEP.

12 TR

Table listing radio stations and frequencies for 12 TR. Includes entries like 0859 98.1 WHWK, 0900 105.1 WVOA.

17 ES

Table listing radio stations and frequencies for 17 ES. Includes entry 2100 92.9 WMFS.

18 ES

Table listing radio stations and frequencies for 18 ES. Includes entries like 2015 95.9 WBBN, 2015 97.1 WEZB, etc.

20 ES & TR

Table listing radio stations and frequencies for 20 ES & TR. Includes entries like 0925 94.7 WTYX, 1000 93.1 KQID, etc.

Bob Smolarek's report continued:



JUNE 20 ES & TR

- 2125 101.7 WSRM Central City PA
- 2235 92.9 WBLX Mobile AL
- 2300 92.9 WLTJ Pittsburgh PA
- 26 ES**
- 1330 95.9 CHOS Rattling Brook NF
- 1521 95.3 KSNP Burlington KS
- 1523 92.9 KANS Osage City KS
Most heard ES station this year.

JULY 1999

- 1 ES**
- 1730 92.1 WEUP Minor Hill TN

It was nice to see a lot of Dx'ing folks at Rich's in Sparta. WRDR 104.9 Egg Harbor City, which is a real pest just about everywhere in New Jersey, was off the air for about a month between their format change. They have returned with a Spanish CHR format. I only got one new station while they were off.

CHARLES BERNTH - P.O. BOX 236 - EASTPORT, NEW YORK

Equipment: Adcom GTP-400 tuner, RS antenna, Internet: cbernth@banet.net

7/1 Es

- 1651 WTUG 92.9 AL Tuscaloosa calls
- 1703 WKOR 94.9 MS Columbus calls
- 1711 WSYE 93.3 MS Houston "Sunny 93.3"
- 1730 KVRN 90.7 AR Marvell calls 1086
- 1751 KOLL 94.9 AR Maumelle "Cool 95"

7/4 Tr

- 0838 WIKX 92.9 FL Charlotte Harbor
"Kix Country 92.9"

7/6 Es

- 0956 KKOW 96.9 KS Pittsburg calls
- 1001 KTTS 94.7 MO Springfield calls 1120
- 1015 WNAP 93.1 IN Indianapolis calls
- 1017 KZLE 93.1 AR Batesville "The Mix" 1085
- 1030 KCLR 94.5 MO Poplar Bluff
calls & "Clear 94"
- 1107 unid 93.5 "Copper Country"
- 1914 KZHE 100.5 AR Stamps "KZ100" 1239
- 1919 KGMV 100.5 MO Aurora
"My Country 100.5" 1159
- 1933 KKOW 96.9 KS Pittsburg
calls & "The Cow" 1209
- 1936 KCLR 94.5 MO Poplar Bluff "Clear
Country"
- 2018 KKNG 93.3 OK Newcastle
calls & "King Country" 1489
- 2025 KBFC 93.5 AR Forest City calls
- 2049 KNIN 92.9 TX Wichita Falls "92.9 NIN" 1469
- 2052 KMAL 92.9 MO Malden
calls & "Star 92.9"

7/7 Es

- 1026 WMFS 92.9 TN Bartlett "MFS" 1015
- 1053 KKPT 94.1 AR Little Rock
calls & "The Point"
- 1100 KMAL 92.9 MO Malden
calls & "Star 92.9"
- 1102 WDTZ 92.9 MS Cleveland "Delta Country"
- 1127 KOLX 94.5 AR Barling calls
- 1133 KZLE 93.1 AR Batesville
calls & "Max 93-1 FM"
- 1140 KLYR 92.7 AR Clarksville calls 1189
- 1150 KBCN 104.3 AR Marshall calls 1133
- 1155 KIYS 101.9 AR Jonesboro
"101.9 Kiss-FM"
- 1240 KBBQ 100.7 AR Fort Smith
calls & "Oldies 100" & "Q100.7"
- 1243 KGMO 100.7 MO Cape Girardeau calls 933
- 1250 KOMC 100.1 MO Kimberling City calls 1150
- 1323 KBEZ 92.9 OK Tulsa
"Soft Rock 92.9-KBEZ"
- 1410 KANS 92.9 KS Osage City
"Kansas Radio"
- 1723 KANS 92.9 KS Osage City
- 1726 WIKX 92.9 FL Charlotte Harbor
"Kix Country 92.9"
- 1730 KJCK 94.5 KS Junction City
"The Big Kat" 1265
- 1733 KOLL 94.9 AR Maumelle "Cool 95"
- 1756 KBEZ 92.9 OK Tulsa
- 1808 KKNG 93.3 OK Newcastle

7/11 Gw

- 0926 unid 104.5 latino Amor type music, no
ID at top of hour

7/21 Tr

- 1050 WFOG 92.9 VA Suffolk
calls
- 1124 WPTE 94.9 VA Virginia Beach "The
Point"



Charles Bernth's report continued:

JULY 21 TR CONT

- 1151 WKHI 107.5 VA Exmore
- 1219 WSAX 99.3 NJ Pleasantville cc & fc to
smooth jazz
- 1304 WWUC 94.5 NC Hatteras
"Water Country" 411
- 1530 WWFG 99.9 MD Salisbury "Froggy 99.9"
- 1558 WSDL 90.7 MD Ocean City
ID'd as "WSCL 89.5 & WSDL 90.7"
- 1722 WCZT 94.3 NJ Avalon "The Point"
- 1728 WVKL 95.7 VA Norfolk
cc & sg "Cool 95.7" 345
- 1734 WQJZ 97.1 MD Ocean Pines
cc & fc to smooth jazz
- 1746 WSBY 98.9 MD Salisbury sg "The Coast"
- 1800 WYFI 99.7 VA Norfolk calls
- 7/26 Gw**
- 1400 unid 92.9 "Dancin' Oldies-all the time"
(WLCE Buffalo, nice catch! - grc)
- 7/29 TR**
- 0850 WPUR 107.3 NJ Atlantic City
"The New Cat Country 107.3"

NOTE: I erroneously reported this as WRWD in last issue of VUD. Sincerest apologies. (No big deal at all, Charles! - grc)

1502 W207ABt NJ Atlantic City
FRS with UNI news.
NOTE: the ID was "WKND", Camden 106.9

2103 WKOE 106.3 NJ Ocean City
"The Shore-the newest radio station on the planet". wow!

2115 WPRB 103.3 NJ Princeton calls 110



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

Equipment: GE Superradio w/110 kHz filter, 10 element Jerrold antenna in attic, RS amp. RS attenuator for overload, New Underlined, Internet: HJHdesign@aol.com

JULY 1999

1 MS

- 2121 KAXE 91.7 MN Grand Rapids, "...make
a wise investment and call KAXE..."

6 Es

- 1908 KLRQ 96.1 MO Clinton
- 1916 KCLQ 107.9 MO Lebanon, c/w
- 1925 KGND 107.5 OK Ketchum, old, "Power
Hits for the Four States"
- 1928 KMOQ 107.1 KS Baxter Springs, "Oldies
107.1", tent.
- 1942 KMYZ 104.5 OK Tulsa, "Z 104.5,
The Edge"
- 1948 KJSR 103.3 OK Tulsa, "Star 103"
- 1952 KHOZ 102.9 AR Harrison, "Ozark
Country"
- 2001 KOKF 90.9 OK Oklahoma City, "The
Alternative Edge"
- 2018 KHOK 100.7 KS Hosington, "Eagle
Country 101"
- 2022 KCKI 99.5 OK Henrietta, "Kick 99", tent.
- 2024 KBBQ 100.7 AR Ft. Smith, old
- 2033 KRPT 103.7 OK Anadarko, "Super Star
Country", ment. Chickasha
- 2036 KKIX 103.9 AR Fayetteville, "Kix104",
tent.
- 2045 KKDA 104.5 TX Dallas, jive, "K-104"



- Good Time Rock 'n Roll Oldiez!
- JULY 6 ES**
- 2053 KMEQ 96.7 TX Flower
Mound, "Memories 96.7", tent.
 - 2125 KEWL 95.1 TX New Boston, "KOOL
FM" ment. Texarkana and New Boston
 - 2130 KVTT 91.7 TX Dallas
 - 7 Es**
 - 1225 KVLO 102.9 AR Sheridan, "K Love"
 - 1230 KSYP 103.7 AR Little Rock, Scott
Anderson Show, local talk jock
 - 1245 KKPT 94.1 AR Little Rock, "94
The Point"
 - 1345 KKNG 93.3 OK Oklahoma City, on car
rx in Wyoming Valley Mall parking lot
 - 1400 KXXY 96.1 OK Oklahoma City
 - 25 Tr**
 - 0420 WODZ 96.1 NY Rome, old, Woodstock
99 traffic updates
 - 25 Es**
 - 1735 CKX 96.1 MB Brandon, "KX-96, Today's
Best Music"
 - 31 Es**
 - 1850 WOOF 99.7 AL Dothan, w/heat advisories
 - 1900 WEKS 92.5 GA Zebulon, c/w
 - 1915 WKCN 99.3 GA Lumpkin, "Kissin 99.3",

A good start and finish to this month with little in between. Log total now at 940 heard.

JOHN J. RIEGER - 801 SHERMAN AVE - S. MILWAUKEE, WISCONSIN 53172

Equipment: Radio Shack DX-398, stock Internet: johnrieger@webtv.net
<http://www.angelfire.com/wi/dxmidamerica>

JULY 24 TR

0223 105.3 WRLO WI Antigo AoR
 0249 99.7 KKCK MN Marshall "99-7 KKCK"
 Top40
 0251 101.1 KLQL MN Luverne psa, c&w
 0251 104.9 WKQH WI Marathon promo
 "Classic Rock 105"
 —sleep!—
 0721 97.7 WAQE WI Rice Lake "Star 97.7
 WAQE" local ads, AdC.
 0723 95.3 WGMQ WI Shell Lake local ads,
 PHarvey @ 0730,
 0730 94.3 WQPC WI Prairie du Chien local
 ments
 0752 92.5 KOEL IA Oelwein, c&w "92.5
 KOEL-FM" RDS: "KOEL-FM"
 0755 95.3 UNID "Q95.3" KQMG-FM or KMAQ-
 FM??? AdCon/satellite
 0800 104.3 KVGQ MN Spring Valley, full id,
 oldies "Cool 104"
 0808 106.7 WKPK MI Gaylord "106.7 the
 Peak" Top40, promo
 0815 103.3 WJOD IL Asbury ex:KIKR, c&w
 "New Country 103" calls
 0819 104.1 KLTi IA Ames, "New Lite 104.1
 KLTi"

JULY 24 TR

0847 100.3 WCCl IL Savanna, calls
 0851 101.7 UNID RDS said "KAYL" Freq
 swap/call swap? AdCon
 0900 106.7 KIKD IA Lake City full id, c&w
 0903 96.1 KXMG IA Clinton "Mix 96" area
 ments
 0904 96.3 UNID "Soft Rock 96" ??? who?
 0905 97.7 KCRR IA Grundy Center, cl Hits,
 calls
 0912 91.3 WHHI WI Highland via RDS. NEW!
 0925 105.7 KOKZ IA Waterloo oldies. id'ed via
 RDS.
 0939 107.5 WDBQ IL Galena, calls "Oldies
 107.5" call ch.
 0940 106.5 KFMC MN Fairmont calls "Mix 106"
 Top40
 1002 89.3 WDLM IL East Moline, community
 calendar, calls

89.3 FM and AM 960

WDLM
for the heart of West Illinois and East Iowa

The NEW ones bounce FM heard (no call changes) up to 517. \$ = stereo

PETER Q. GEORGE (K1XRB) - 33 STEINSON ST APT 2 - WHITMAN, MASSACHUSETTS 02382

Equipment: Honda Car Radio (in house), rabbit ears w/Archer amp Internet: radiojunkie@yahoo.com

CD94.7
 CLASSIC ROCK LESS TALK

JUNE 20, 1999 ES (1730-1825)

WXCD \$ 94.7 IL, Chicago "CD/94.7", cr
 WLIT \$ 93.9 IL, Chicago phone # "591-WLIT"
 WMT-FM \$ 96.5 IA, Cedar Rapids
 "Mix 96 & half", 80s
 WKIE \$ 92.7 IL, Arlington Hts. "Laser 92.7"
 KGGO \$ 94.9 IA, Des Moines Classic Rock
 KXIA \$ 101.1 IA, Marshalltown Country mx.
 KIAI \$ 93.9 IA, Mason City "KIA-FM", k
 WOLX \$ 94.9 WI, Baraboo "Oldies 94.9",
 strong!
 WSSQ \$ 94.3 IL, Sterling Legal ID, local nx
 WBEZ \$ 91.5 IL, Chicago public radio
JULY 22, 1999 TR: 0630-0700 EDT
 88.3 WBGQ \$ NJ, Newark Jazz
 89.5 WSOU \$ NJ, Teaneck Classical
 89.9 WKCR \$ NY, New York Classical
 90.3 WAMC \$ NY, Albany Weather,
 News, NPR
 90.7 WFUV \$ NY, Bronx (NYC) Alt. music, wx.
 91.5 WNYE \$ NY, Brooklyn R. France Intl.

JULY 22 ES CONT

92.1 WLNG NY, Sag Harbor o, mono LOUD
 !!!
 92.3 WXRK \$ NY, New York Howard Stern,
 u/WPRO-FM
 93.1 WPAT \$ NJ, Patterson Musica en Espanol
 93.9 WNYC NY, New York NPR News
 94.7 WFME \$ NJ, Newark Family Radio,
 rel.
 95.5 WPLJ \$ NY, New York Scott Shannon,
 u/WBRU
 96.3 WQXR \$ NY, New York
 Classical, WNET/13 ads
 97.1 WQHT \$ NY, New York Hot 97, Urban, Rap
 97.9 WSKQ \$ NY, New York Noticias, music
 98.7 WRKS \$ NY, New York Urban Gold,
 "Kiss FM"

la nuova
me9a
 97.9

Peter George's report continued:**JULY 22 ES CONT**

99.5 WBAI \$ NY, New York
 Talk: Pacifica problems
 100.3 WHTZ \$ NJ, Newark Z-100
 100.5 WRCH \$ CT, New Britain Adult
 contemporary mx.
 101.1 WCBS \$ NY, New York
 Harry Harrison/CBS-FM
 101.3 WKCI \$ CT, Hamden KC/101, Top-40
 101.9 WQCD \$ NY, New York CD/101.9, jazz
 102.9 WDRC \$ CT, Hartford "Big D/103", oldies
 103.1 WBZO \$ NY, Bay Shore Oldies
 103.3 WPRB \$ NJ, Princeton Classical
 u/WODS !!!!

WPRB FM 103.3

JULY 22 ES

103.5 WKTU \$ NY, Lake Success Disco, "K-T-U"
 104.3 WAXQ \$ NY, New York
 "Q-104.3", Clas. Rock
 104.7 WSPK \$ NY, Poughkeepsie Monticello
 Toyota ads.
 104.9 WEMG \$ NJ, Egg Harbor Espanol (x-
 WRDR)
 105.3 WDAS \$ PA, Philadelphia UC, Black mx.
 105.9 WHCN \$ CT, Hartford Classic Rock
 106.1 WBLI \$ NY, Patchogue
 106.1/BLI, Top-40
 106.9 WKDN \$ NJ, Camden Family Radio, rel.
 107.5 WBLS \$ NY, New York Urban Cont.

June 20 was the first ES opening for me for this year. Chicago is very rare here for some reason or another. The last time I got Chicago was WBBM-TV (Channel 2) in 1980. What a great Father's Day present !! No sign of WNIB (97.1) or WFMT (98.7). Oh, well !! This definitely re-kindled my interest in FM skip !! Let the openings begin !! July 22's Tr must have been great opening due to the fact that New York City stations were crunching co-channel Providence stations (92.3, 95.5) in their own backyard. I wish I could have taken the day off !!! Oh, well !! 73s, Peter George

A GUIDE TO REPORTING TO NORTHERN FM DX**JOHN Q. DXER - 999 HILLTOP DRIVE - ALEXANDRIA, VIRGINIA 55555**

Equipment: List your receiver and antenna here, and any other pertinent information (phone no, e-mail, web page, etc.)

MAY 1999 DX

2024 KEMC 91.7 MT Billings, NPR 1355
(24 hr. time of logging - call letters - frequency - state/province - city - comments - distance to station in miles)
 2035 KGRC 92.9 MO Hannibal, "92.9 The River", ad for Quincy, o/WFOG 1045
(underlined calls indicate a new logging)
 2101 WFFV 104.5 FL Jacksonville, AOR music, previously heard on Tr in 1987. 756
(dashed underline - station has been logged before, but on a different propagation mode)
 2035 KQFC 92.3 ID Boise, country, state #42 heard!! 1894
(bold/underlined state: first logging in that state or province)

ABBREVIATIONS: Many DXers use the format abbreviations found in Bruce Elving's *FM Atlas* (an invaluable guide to FM DXers!). A few others: *o/* : over (station came over this station) *ph/* : phased (this station was eliminated using phasing to hear the logged station) *QRM* interference, *nx* news, *Wx* weather. Any others you don't get?

Write me!!
INTERNET REPORTING: E-mail reports have become very common the past few years (over 80% of the reports you see here!) This has made reporting easier for both myself and the reporter! A few things to remember though: *please* report in the format/order listed to the left. It makes life much easier! Separate features (call, freq. etc.) with a tab, or a set number of spaces (like 3 for example) so I can convert them to tabs. (You don't need a tab between the city and logging comments). It's easier to send one report per month so you and I don't have to piece reports together. THANK YOU to those of you who have sent well-formatted reports!!!

Classic V.U.D.

Original articles from the early days of the VUD...articles that stand the test of time. This one written by Dave Janowiak and originally appearing in a Dec 1971 issue of the VUD. It has been updated for use in this VUD.

TV and FM Receiving Antennas: Fantasies, Fads and Facts Part Two

Front to Side Ratio. The front to side ratio is the ratio of antenna pattern at zero degrees to the pattern at 90 degrees or 270 degrees (A to C in figure 4). This number usually quite high, greater than F/B ratio, because most antennas are least sensitive to signals arriving directly off the side (90 degrees away from the main lobe). In figure 4, the F/S ratio is 10:1, or 20db. For DXing, front to side ratios of 15 to 1 average can be expected with good DX antennas.

Impedance match. This characteristic tells you how efficiently antenna signal is transferred to the transmission line for which it was designed. The transmission line carries antenna voltage to the receiver. Unlike the previous characteristics, impedance match cannot be obtained from the antenna pattern.

A mismatched line causes standing waves, an effect resulting from power trying to flow in opposite directions. The greater the mismatch, the greater the differences between maximum and minimum voltage or current along the line.

The ratios of maximum to minimum values yield a standing wave ratio (SWR). This value, or a simple ratio of the impedance designed for versus the actual impedance, allows us to make a judgement as to the amount of power that never gets from the mismatched antenna to the receiver. Table 1 shows the relationship between mismatched antenna and percentage of additional power loss. This additional loss must be added to the normal T-line loss at that frequency.

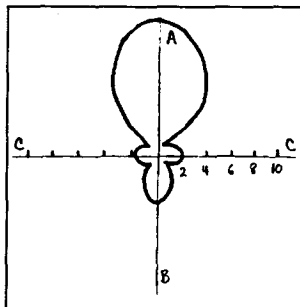


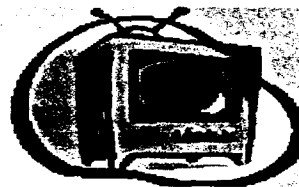
Figure 4

Impedance ratio of mismatch	1	1.1	1.3	1.5	1.75	2.0	2.5	3.0	5.0
to % additional power loss	0	1	4.5	10	18	27	45	66	160

TABLE 1.

For example, if an antenna designed for 300 ohm is actually 150 ohms at a given frequency, the ratio of 300/150 equals 2. The table shows that 27% of the power will be lost due to mismatch. Mismatches are more troublesome if transmission lines are long and lossy. A severely mismatched line only a few feet long is not all that bad. A "perfect" match creates a 1:1 (or 1.0) ratio. However, any device with a 1.5 ratio at a given frequency is considered excellent since only 10 percent of the signal is lost. Any all channel antenna with an average impedance match ratio of 1.5 over several channels is considered darn good. Preamps, couplers, splitters, traps, etc., all should have low (1.5) ratios.

An antenna with a gain of 5 (14db) but an impedance ratio of 3 (66% loss) will produce poorer results than an antenna with gain of 3 (9db) but an impedance ratio of 1.5 (10% loss). This characteristic, therefore, is vital in any antenna but it is seldom considered. For DX, the lower the SWR the better, but otherwise good antennas often have a SWR of 2 on some channels, especially if they are broadband.



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