

QSL CORNER & LOGO'S RUN

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This month qsl reporters are Robert Ross of London, Ont. & Bruce Elving of Esko, MN. Also some tv id logos to fill in the gaps. The 1989 Syracuse Convention was fun, and is why I missed another month; oh well, on to the column.

AR KPHN 94.5 Barling, Box 595, zip 72923. Send back my prepared card back (PFC) - (I will use PFC to save from repeating the whole thing again) back in 2 weeks from an unreadable name. This was my 29th state qsl'ed on FM. (Ross)
TX KTSR 92.1 Bryan, Box 3248, zip 77805. Send back business card qsl back in 2 weeks from William R. Hicks, General Manager. (Ross)
TX KOHM 89.1 Lubbock, Box 64501, zip 79484. PFC & business card in 3 weeks from Bob Schneider, CE. (Ross)
IN WNSN 101.1 South Bend, 300 W. Jefferson Blvd., zip 46801. PFC & letter in 2 weeks from Robert W. Bell, CE. (Ross)
TX KSAU 90.1 Nacogdoches, Steven F. Austin State University, Box 13048 SFA Stn., zip 75662-3048. Send back my PFC in 2 weeks signed by A. B. Parker, CE. (Ross)
OH WHKO 89.1 Dayton, 1414 Wilmington Ave., zip 45420. Send back my PFC in 3 weeks signed by Ronald ???, CE (name unreadable) (Ross)
GA WSGY 100.3 Tifton, Box 1466, zip 31763. PFC & business card signed & back in mail in 2 weeks from Jeff Flynt, CE. (Ross)
NJ WBGO 88.3 Newark, 54 Park Place, zip 07102. PFC & business card in 1 year from Don Neumuller, CE. This is my 30th state qsl'ed on FM. (Ross)
MS WBKN 92.1 Brookhaven, 203 E. Monticello St., Box 711, zip 38601. PFC &

sticker in 3 weeks from Gene Dow in 3 weeks. (Ross)
FL WPCF 100.1 Panama City, Box 4398, zip 32401. PFC & letter from William Underwood, no title; in 2 weeks. (Ross)
FL WMLV 94.5 Dayton Beach, % 2900 Lake Lucien Dr., Suite 96, Maitland, FL 32751. PFC & letter in 2 weeks from James A. Underwood, Pres. (Ross)
FL WHIQ 96.5 Orlando, # One Radio WHDO Road, zip 32808. PFC & QSL Sheet in 2 weeks from H. T. Canaday, CE. (Ross)
FL WSHS 103.5 Ft. Lauderdale, 3000 S.W. 80th Ave., zip 33314. PFC, letter & a nice T-shirt back in 2 weeks from Rudy Vasquez, CE. (Ross)
WVAW-TV ch. 3 Savannah, Box 2429, zip 31402. PFC & letter from William C. Reeve, WB4EW, Staff Eng. in 1 month. New state qsl'ed on tv, # 28. (nice, ed.). (Ross)
FL WHIE 91.5 Cocoa, 1150 W. King St, zip 32922. PFC back in 3 weeks from Ray Ranniz. (Ross)
FL WHVE 102.5 St. Pete's, 11300 4th St. North, Suite 318, zip 33716. Letter back in 3 weeks from Ron Wooldriver. (Ross)
MI WUPS 98.5 Houghton Lake, 3431 W. Houghton Lake Dr., zip 48829. PFC in 3 weeks from Douglas T. Lowell. (Ross)
MI WLAU 96.9 Grand Rapids, 50 Louis N. W., zip 49503. PFC & letter from Daniel A. Grant, CE in 5 weeks. (Ross)
FL WLYF 101.5 Miami, 20450 N.W. 2nd Ave., zip 33169. PFC in 2 weeks from an unreadable name. (Ross)
FL WINK 96.9 Ft. Myers, Box 331, zip 33902. PFC in 2 weeks from another unreadable name. (Ross) (I do use items with an unreadable name just for the inroaction for your qsl. You may get a name we can use.)
FL WKIS 89.9 Miami, % 9881 Sheridan St., zip 33024. PFC in 2 weeks from George Corso, CE. (Ross)
PA WRKU 95.1 Grove City, % 4531 Belmont Ave., Suite C, Youngstown, OH 44505. PFC in 2 weeks from John A. Clarke, no title. (Ross)
FL WEZY 94.1 Lakeland, Box 827, zip 33802. PFC in 2 weeks with unreadable name. (Ross)
FL WMLT 95.7 Clearwater, 51 S. Main Ave., Suite 967, zip 34625-3983. PFC & post card back in 2 weeks from unreadable

name. (Ross)
CBLN-TV ch. 20 Warton, % Box 500 Term. A, Toronto, Ontario no zip given. Nice CBC blue qsl card back in 1 month from Michael McCann. (Ross)
MI WBLV 90.3 Twin Lake, % Waters Bldg, Suite 2008, Grand Rapids, zip 49503. PFC & letter from Buck Mathews, General Manager in 6 weeks. (Ross)
ON CIXK 106.5 Owen Sound, 270 Ninth St. E., zip N4K 5P5. PFC & letter back in 3 months from Robert Coyne, CE. (Ross)
WRBQ 104.7 Tampa, 5510 Gray St., zip 33609. PFC & letter back in 2 weeks from Ralph Beaver (?). (Ross)
OH WZIP 88.1 Akron, University of Akron, zip 44325-1004. PFC back in 3 weeks from T. Beck, no title. (Ross)
FL WPRK 91.5 Winter Park, Rollins College, Campus Box 2745, zip 32789-4487. PFC & letter in 2 weeks from Giord Fraber (?). (Ross)
FL WCTQ 92.1 Venice, 282 N. Auburn Rd., zip 34222. PFC & letter in 1 month from Jeff Southall, CE. (Ross)
FL WCWU 94.5 Naples, 333 8th St. S., zip 33940. PFC in 1 month from Bob Carothers. (Ross)
MI WKLG 94.5 Holland, % 80 Monroe Center N.W., Grand Rapids, zip 49503. PFC in 5 weeks from Ronald J ??????, CE (unreadable last name). (Ross)
GA WRAF 90.9 Toccoa Falls, No address given, just zip 30698. Letter from Bob Biermann, Dir. of Eng. who says they normally are 100 kw, but there were only 15,000 the day of my report, "due to lighting damage" (Elving)
IL WJCH 91.9 Joliet, 13 Fairlane Dr, zip 60435. Letter from John Rorvik, no title, mentions transmitter located in Minooka, IL, and also that station was reported being heard in Clinton, Ontario (Jeff Falconer ? ed.) (Elving)
IL WCIC 91.5 Pekin, 3263 Court St, zip 61554. Letter from Dave Brooks who says "My fascination for radio has its roots in long distance reception, and it's still a thrill to hear of such conquests as you reported" He also mentions they have a null at 250 degrees to protect WIUM 91.3 Macomb and I "win the dx prize", but his father hears it sometimes in St. Louis, MO with a Carver tuner & two paralleled yagi

antennas on from 8am till 12 midnight. Send blank tape so I could dup onto it my reception, and wants more information on my antenna. Maybe a WJFDA prospect. (Elving)
LA KYKZ 96.1 Lake Charles, P. O. Box 999, zip 70602. Bumper sticker, balloons, hurricane tracking charts, coverage-map & letter from entire staff: Dale Mann, Ken Miller, Eric Nielson, Jimmy Lane, Shelly James, Lynette Johnson & Kevin Davis. Letter says "though we have heard from many people in Florida & other southern region, your letter confirms a new record for our station. KSNS are older call letters that our station used under a different ownership, so obviously you have received us more then once." (Elving)
MA WTOC 90.7 Springfield, Armory Square, zip 01105. Letter from Fred Krampits, CE sent program guide, bumper sticker. He says "I'm the most distant person to report hearing his 4,000 watt station, on 24 hours a day & carrying a reading service for the blind on sca 67khz. (Elving) (station has part of my ham call KASTCC ed.)
NC WPMX 105.7 Statesville, 1117 Radio Rd., zip 28677. Letter from Jim McJunkin, CE says "I have heard of AM stations being picked up over great distance; however, never FM stations... You letter certainly came as a surprized." (Elving)
SD KQSD 91.9 Lowry % SDPR, 414 E. Clark St., Vermillion, SD zip 57069-2390. Letter from Greg Schnirring, Radio Manager sends bumper sticker, program guides & letter: "To my knowledge, your reception is the furthest we have heard from to date." (Elving)
SD KMIT 105.9 Mitchell, P. O. Box 520, zip 57101. Letter from certainly is an oddity that our signal would travel so far. (Elving)
TX KIQI 100.3 Lamesa, % 117 W. Wall, Suite 317, Midland, TX zip 79701. Brief letter from William H. Bundy, Vice Pres. says hoping that I hear then more often. (Elving)

TV **68** WSYT
SYRACUSE STEREO

TV 8
WROC-TV ROCHESTER

Get Ready
for CBS
on
TV 8!

11
CHCH-TV

Citytv
News · Movies · Music

Arkansas 1
KTHV/LITTLE ROCK
ARKANSAS CABLE & OPERATOR

Any questions?
Call the TV-10/NBC Hotline

232-TV 10

10
WHCC-TV

PHOTO NEWS

OCTOBER 1989

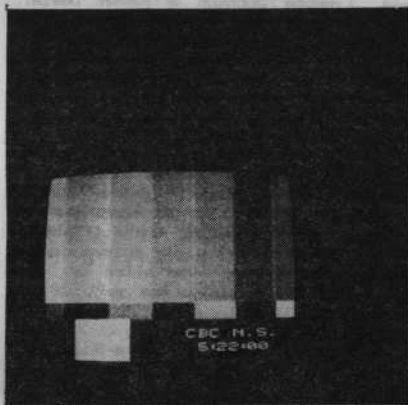
Mailing Address:

PHOTO-NEWS - P. O. Box 155 - Clarence, NY
14031-0155 U.S.A.

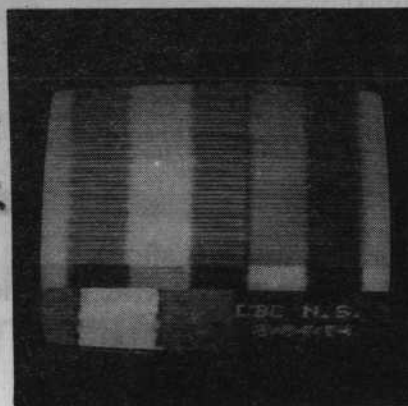
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EDITED BY
David J. Nieman

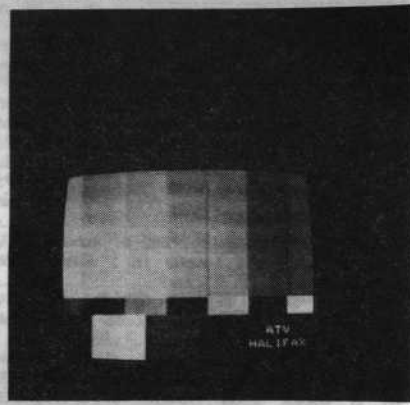
Roy Barstow - Teaticket, Massachusetts foto file continues from Septembers VUD.
See that issue VUD page 5 for a run-down of Roy's DX equipment.



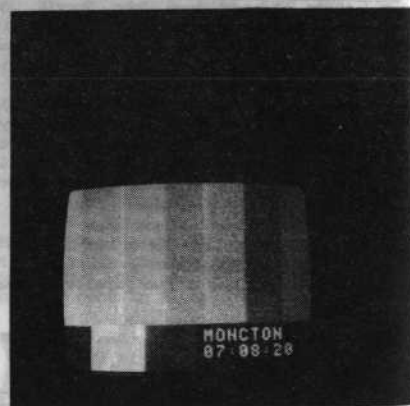
CBHT-3
Halifax, Nova Scotia
408 mile tropo
seen May 20, 1989
at 0522 EDTIME



CBHT6-8
Middletown, NS
377 mile tropo
seen May 20, 1989
at 0701 EDTIME
ERP 17.2kw



CJCH6-6
Caledonia, Nova Scotia
336 mile tropo
seen May 20, 1989
at 0700 EDTIME
ERP 100kw



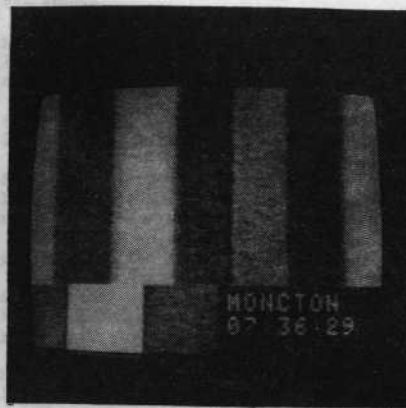
CBAFT5-31
Charlottetown, PEI
481 mile tropo
seen May 20, 1989
at 0708 EDTIME
ERP 100kw

PHOTO NEWS

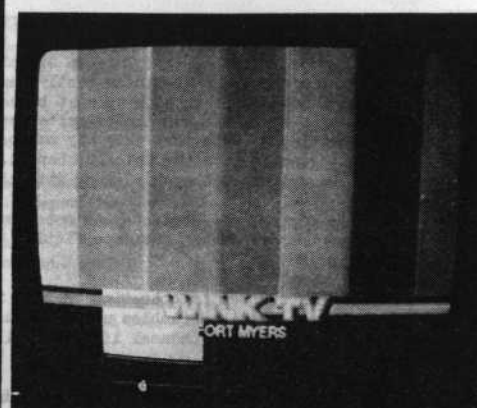
OCTOBER 1989 page 2

Roy Barstow fotos continued.....

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CBHFT5-46
Middletown, NS
377 mile tropo
seen May 20, 1989
at 0736 EDTIME
ERP 120kw



WINK-11
Fort Myers, Florida
400 mile tropo
seen April 27, 1989
at 0405 CSTIME



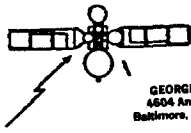
WTVX-34
Ft Pierce/w. Palm Beach
Florida
430 mile tropo
seen April 27, 1989
at 0435 CSTIME

WTVJ-4
Miami/Ft Lauderdale FL
510 mile tropo
seen April 27, 1989
at 0408 CSTIME

Thanks to Roy and Mike for their photo contributions.

Till next time.... DAVE 7

SATELLITE NEWS



GEORGE W. JENSEN
4604 Armitage Avenue
Baltimore, MD 21206-4220

From the big columns to the little. There is really not too much to report this time around. I have noted that the Prime Time 24 carriage of WBBM on Satcom 2 XPDR 2 is an off air set up. Thus when there is tropo or Skip it can be easily seen on the channel 2 outlet from Chicago. Their pick-up must be some distance from the WBBM transmitter as the CRM can be quite severe at times. It is also interesting to note that skip may not be apparent here when it is being noted from the Chicago channel. Very simply the Up-Link is also uplinking the skip along with the signal.

NCTV a service for college students is noted on Satcom 4 XPDR 16. There have been reports that a Science Fiction Channel may soon be launched in 1990.

The Canadian news channel is operating usually in the clear in Anik 4 XPDR 23. Sometimes it is scrambles using the usual Anik Oak-Orion system. A Canadian Sports Channel if French will be on Anik C-1

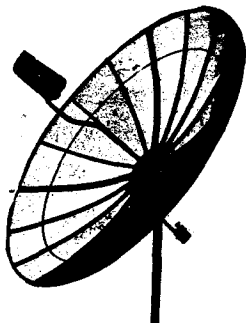
The Discovery Channel will scramble using VCII by June 20, 1990; but, an administrator of the channel stated they didn't know which scrambling system they will use as yet.

ASC 2 - a C and K hybrid satellite will be launched in early 1991.

Galaxy 6 and SBS 6 will be launched in June 1990 from Arianspace. G-Star 4 is also planned for 1990.

Here is what's planned in the way of launchings in the future.

Alascom Aurora 2	- 139W - 24 C band channels - May 1991
Telstar 401	- 97W - 24 C-band/24 K-band - December 1992
Telstar 402	- 89W - 24 C-band/24 K-band - December 1993
Contelsat I	- 101W - 24 C-band/16-K-band - May 1993
Contelsat II	- 129W - 24 C-band/16/K-band - September 1993
Satcom C-1	- 137W - 24 C-band - June 1991
Satcom C-3	- 131W - 24 C-band - November 1992
Satcom C-4	- 135 or 127W - 24 C-band - September 1992
Satcom H-1	- 79 W - 24 C-band/16 K-band - August 1993
Satcom C-2	- 72W - 24 C-band - June 1994
Spotnet I	- 93 (135)W - 24 C-band/18 K-band - March 1993
Spotnet 2	- 76(127)W - 24 C-band/18 K-band - September 1993
SBS 6	- 72 W - 19 K-band only - June 1990
Spacenet 1R	- 103W - 24 C-band/22 K-band - May 1993
Spacenet 2R	- 69(93)W - 24 C-band/22 K-band - September 1993
G-Star 1R	- 121W - 24 K-band only - June 1994
G-Star 4	- 64W - 24 K-band only - February 1990
Galaxy 6	- 91W - 24 C-band - June 1990
Galaxy 5	- 125W - 24 C-band - 1991
Galaxy 1R	- 133W - 24 C-band - 1993
Galaxy 7	- 91W - 24 C-band - 1992
Galaxy 4	- 99W - 24 C-band/24 K-band - 1993
Galaxy 3R	- 95W - 24 C-band - 1994



Lots of odds and ends this column. Noticed a question concerning ECO from Tom Bryant. ECO is an all news type of operation that apparently originates from Televisa in Mexico - XEW - Ch. 2. It is becoming a mainstay of the Galavision USA satellite feed; is relayed on Westar 5 XPDR 6; also via PanAmSat to Europe and Latin America. They also have some entertainment performances in the studio.

I would love to know who was running a European Test-Pattern on Morelos XPDR 12 in SECAM color with an ID noted of TVP/???. I thought Portugal, but it can't be them since they are PAL - not SECAM. France and Communist Bloc nations are SECAM generally.

Family Channel - WEST will be on Satcom I - XPDR I VCII effective September 30 at 5AM PDT. Are currently testing.

SCOLA is testing what may be a 24 hour service on Spacenet 2 XPDR 19 - so far in the clear. 24 hour service will depend on the number of subscribers. It carries newscasts from all over the world in our system with some English translation. Some of their programs are fed live from the source via satellite.

All Intelsat birds are now of the "V" series. The IV series have all been replaced as of now. The "V" series will be replaced over the years by the even stronger "VI" series.

HTS (Home Team Sports) will move to Spacenet III - XPDR 12 Oct. 2 leaving Satcom IV XPDR 22. It will simulcast until late October.

FINN - Financial News Network will fully scramble January 1, 1990.

In the next 2 years look for an incredible number of shifting between satellites as the 3 major cable birds are aging rapidly. (Satcom 3 and 4 and Galaxy I).

Telemundo Spanish Language Network will move to Spacenet II from Westar IV. Univision networks also will move to Spacenet II.

Here is the latest Ariane Launch Schedule:

August 89	- TV Sat 2 & Hipparcos
October 89	- Intelsat VI F2
November 89	- Spot 2 and another unknown?
December 89	- SuperBird B/BS-2X
February 90	- TDF 2 & DFS 2
April 90	- Eutelsat 11A/Spot 2 (or Skynet 4C)
May 90	- Skynet 4C (or MOP 2) & G-Star IV
June 90	- SBS-6 & Galaxy VI
July 90	- Intelsat VI F5
September 90	- Eutelsat IIB & Intelsat I
October 90	- ERS I
November 90	- Satcom K-3 & Immarsat 2 F3
December 90	- Anik E-1
<u>US Launch Schedule</u>	
September 89	- JCSAT II & Skynet
November 89	- Intelsat VI FII
	- Consort 2 - Microgravity Research
December 89	- LOSAT - US Government
January 90	- Intelsat VI - FIII
February 90	- IMMARSAT-2 FI
???	- Palapa-B2-R
March 90	- Intelsat II FII
May 90	- CRRES - US Government
June 90	- Immarsat II - Flt-2
July 90	- Jout I (Microgravity Research)
???	- BSB-R2
November 90	- NATO IVA
December 1990	- Consort 3 (Microgravity Research)



That's all for now - See you in 30. '73's



FM NEWS

Readers' Reports—A VUD Exclusive!

"I am a new member in the WTFDA. I thought you would be interested in the enclosed article that was in a recent issue of the Fort Walton Beach newspaper," writes Debra Oliver. The article reports that WNUF AM 1400 signs off the air, dying "because of the growing popularity of FM and the FM stereo sound. That they could no longer continue to lose money. I noticed in your column that you often mention other stations closing down because of FM, so thought you would be interested in it."

Bill Nienajadly, doctor to "lame" FM stations, sends an item on the top jocks nationally—those giving an infusion of Geratol to their employers' stations: Ross Brittain and Brian Wilson, Newark's "Z-100," Jim Kerr, NY's WPLJ, Harry Harrison NY's WCBS-FM, John Gambling, WOR AM, Carol Ford and Mike Love, WRKS FM; Batt Johnson WLTW, Howard Stern WXRK; Rick Dees KIIS-FM Los Angeles Jay Thomas KPWR; Bob Collins WGN Chicago. WPAT-AM-FM Paterson NJ continues or continue to hold down top spot in the NY ratings, with Z-100 at No. 2. Bill reports a shake-up at WBVO 107.5 Boyertown PA with a rumored format change from g to k[country]. "Great to talk to you on the phone! Again, sorry I couldn't make it to the convention. I really wish I could help you on your QSL to WBGO, but I don't know anyone there." He'd like to get a Pioneer Super Tuner 2 with analog tuning (car radio) from the mid-'70s. "A friend of mine had one a while back and I remember it used to be good with adjacents." Anyone finding one can write him at 98 Highland Ave., Clifton NJ 07011.

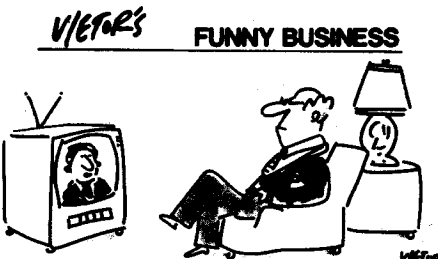
Gus Mancuso cannot believe WFRE Frederick MD would have a translator only 8 km away. "Winter depression was because of bad DXing? Of course it is because of less daylight in fall/winter. Not too good a joke, I guess. I have a theory on why skip is usually the same distance (1600-2000 km). Ionized particles are in very thin layer. If FM signal comes in at angle too close to vertical, most of it passes through. But if it comes into layer at shallower angle, it must pass through more particles, thus increasing chance of reflection. On other hand, if particle congregation is too far from transmitter, the signal will never reach the ionized area due to curvature of earth. How about that 7/4 skin? Did you get in Midwest? I sent away for personalized plates saying 'I DX FM'. By time anyone reads this I should have done 'Superscan II' from Ohio. Goal 140 FM stations. Why some Class As at 91 meters and some at 100 meters? Also, has 'anti-duplication' rule been rescinded?" [Yes, AM-FM simulcasting now legal in all markets up to 100% of the time; and the former rule was 91 meters for Class A stations with maximum 3000 watts. When the FCC went metric they evened it out at 100 meters.]

Gus also sent an item on a group wanting to start a cable radio service in the DC; to offer music more "progressive" than what WHFS 99.1 plays, and possibly resembling that on WMUC, the 10-watter at the U. of MD. Group is known as the Washington Council for Progressive Radio (WCPDR), to be listener supported, like NPR. Gus proposes changing the rules for when you can count a station when you move, but he thinks in terms of miles. If the rules are changed, I would suggest an even number of kilometers. He also feels a list of stations that don't respond to letters (especially with a SASE) should be printed in FMedia! I'd say Tom Yingling's column would be more appropriate for that.

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Esko MN 55733-9413, U. S. A.

Contributions earnestly solicited! Pay special attention to whether or not the stations you report hearing have \$tereo!

Finally, Gus sent word from the spring ratings to indicate that AM's decline may be falling off. "Why do I see stations over 50 kw in Zone One, some as high as 190 kw?" [Those are grandfathered in; and were in existence at those powers before the zonal limitations went into effect.] "Anyone in club a subscriber to 'Radiophiles'? I have not received an issue in months, am thinking of writing to postal inspectors." [Radiophiles must be dead; I likewise have not seen it in months—b.e.] Gus also sent this cartoon, which fits my 22-pica-wide



"Due to the boring nature of tonight's programming, we strongly urge you to listen to your radio."

column (before reduction) very nicely.

"I have compiled the remote broadcast frequencies in use during the 1989 Little League World Series (50th anniversary of Little League baseball)," says William O. Dickerman, PO Box 1012, Williamsport PA 17703-1012. Anyone who wants them can send him an SASE.

Ralph Strobel sent a newspaper article on how the Bob and Tom Show is coming under fire from the FCC for indecency. If you want to go back through this column from several years ago you will read about them and their antics on WFBQ 94.7 Indianapolis. Finally, after years of effort, attorney John R. Price, president of Decency in Broadcasting, Inc., is seeing some action from his near-constant pressure on the FCC to have something done about the errant duo. Advertiser boycotts have not done it, but a new FCC appears to be interested in bringing some action that previous FCCs have not. I hope the FCC is sincerely interested in going after the offenders, even if it means "censorship." If broadcasters and advertisers cannot police their own media, then somebody has to step in and do it for them. DXers, check on any local (especially morning) talk shows on FM and send in quotations from them, naming the show, the station, time and date of broadcast. It is best to tape the broadcast to get an accurate transcript. I'd like to mention here as many of the "shock jocks" as possible, and perhaps submit them and their shows to the FCC, or urge you, dear DXers to do so—especially if they are at stations which do not QSL! "If anyone likes to make an issue over this kind of material, they should visit Lexington KY and listen to *88.1 WRFL. This is the student-run UK station. I don't know what they play during the day, but at night they play anything. Very filthy language in songs or comedy albums. Nothing is bleeped out! The Bob and Tom Show on WFBQ is mild compared to 250-watt WRFL! Playing certain recordings or using obscene language during the day is taking a big chance. WAIF *88.3 Cincinnati got into hot water 10 years ago, and cleaned up their act to some degree. The offensive programs do not exist any longer."

FCC—FM

KCCY Still on 97.9, but KBYU Promptly Moves

October, 1989

In another letter, Ralph says "Everyone (including myself) needs to be especially careful in sending you information. For instance, in Aug. VUD p. 11 middle column under "See Also July VUD For—IN Indianapolis WFBQ 94.7 95-Q (from Q-95) Falconer, p. 46. WFBQ has always been 'Q-95'. '95-Q' no way! Also IN Lafayette WAZY 96.5 apparently back to using '96 1/2' as its nonID. Falconer, p. 46. Again, NO WAY! WAZY is 'Z-96'. DXers simply have to tape their loggings and then hope they hear it correctly. Some DJs talk too fast! . . . Now I see Muncie may be getting a translator on *89.7 rebroadcasting WMBI-FM Chicago. Yuk! Marion College, Marion IN, must've given up trying to get a 3 kw station on 89.7. No 91.5 in Kokomo IN at IU—Kokomo. Did they give it up?"

Listeners of WBST *92.1 Muncie chipped in and helped the station get a new \$32,000 transmitter. Although its transmitter was only nine years old, the company had "gone bankrupt," and spare parts could not be gotten. The company of the old transmitter was not named. Ralph says WLAB *88.3 Fort Wayne claims 95 watts at sign on and off. "This can't be possible. Their signal is always in stereo, stronger than before." [Station is probably using an old cart, or old copy.]

Carl Dabelstein wrote and thanked me for supplying a door prize for the NRC convention recently held in Topeka. Also D. E. Levison, secretary, Brantford ON Amateur Radio Club, writes and thanks for the donation of an FM Atlas to their flea market.

John Jefferson heard, via skip, KCCY 97.9 Pueblo CO playing k, and he and I wonder if their c-p for 96.9 is valid any more. "It's been several years by now. Conversely, Randy Tomer has heard KBYU Provo on 89.1 already, and that change isn't more than a year old, is it?"

John Ebeling has another mystery—a KEEZ 99.1 Mankato MN translator somewhere in south Minnesota on 103.9. "I imagine you went to the WTFDA convention. Hope you had a good time. . . I somehow got the feeling after reading the August VUD that the Feedback column is an attack on you. Somehow this Les Remmer seems to believe a person can get rich (or make a substantial income) from a DXing hobby. Rather naive of him!"

Two companies in the Minneapolis area accused by the FBI of cable piracy. Between 12,000 and 18,000 "illegal" satellite TV descramblers were seized, prompting John to write: "It appears the FBI does not have an awful lot to do in this area." I sent the following to the two firms.

Dear —
It has come to my attention that you may be facing a legal battle with the FBI for allegedly selling "illegal" cable TV descramblers.

Please allow me to offer expert testimony on your behalf. I would be willing to help your lawyers or yourself in coming up with a viable defense. I have assisted a similar firm in Nebraska, faced with a charge of piracy of FM/SCA background music in a manufacturing plant. I am engaged in the selling of FM/SCA decoders, and have successfully fought off three lawsuit threats—and that was 12 years ago, and my business is stronger than ever!

Although I am not an attorney, I think you would find my background in communications and my Ph.D. valuable assets in determining a viable defense stratagem. I look forward to hearing from you.

Sincerely,
Bruce F. Elving

Bill Burrows on the club-selling controversy: "You're augmenting the club. It's not commercialism as such."
Paul L. Gaines of Detroit didn't send much FM news this month, but he did send a fish story, with one Tom McBride landing a mammoth salmon in northern "Lower" MI. Perhaps he was listening to one of the FM or SCA stations while fishing?

Nick Lombardi sent something about WVEE-FM 103.3 being tops in the ratings. That was even before

competitor WEKS existed with "s." Now WVEE-FM is alone in the format in Atlanta, with WYAI being k. "Noticeably absent from the top 10 was the recently re-formatted WQXI-FM (94-Q), which slumped from a 5.0 to a 3.2 for 12th place."

Matt Sittel: "I enjoyed meeting you at the convention. . . Hope all is well with you."

Shaun Axelrod: "I just saw a copy of VUD and thought I would let you know how the Winnipeg FM scene is doing," with the items he sent appearing in the station news which follows.

Mike Bugaj sent some items, one concerning a sale of WLVB 93.7 Hartford, with speculation it may change from Spanish. "The other is a commentary on the FM dial in the Hartford area. I ought to write to Mr. [Bob] King and tell him to get a decent tuner and an outdoor antenna. If he can't get WILI 98.3 or WESU *88.1 from where he lives then he either has crummy equipment or he listens from Maine. [Maybe he lives in a cave?—b.e.] One thing these items prove—the poor AMers just can't make it these days. . . WLVB is simulcast on 1380 AM in Naugatuck (Waterbury area), and before WLVB it simulcasted WKHT 1230 until WYVZ 92.5 went k and WKHT quit it to go business. [Now as WFNS 1230 Manchester CT, it simulcasts WLVB.] The 1380 AMer also simulcasted that. I don't think it had any original programming for three or four years. Sorry I didn't get to the convention but unfortunately my dad died the week before and I had to cancel at the last minute to spend the time at my mom's helping her out down in Middletown. Maybe next time under happier conditions." [Mike, you have my sympathy during a most difficult time. I remember when my dad died, I was in Syracuse NY and had to go home to MN under difficult conditions—the last time I have flown in an airplane—1969—b.e.]

Alain Pepin, who was at the convention, sent a list of stations he recorded during his travels. The same list went to Greg Coniglio, who I also enjoyed meeting at the convention. He heard a mysterious Indian reserve station on 101.7, sounding like "CKHQ," but "this was in the middle of native language talk, so I didn't catch the name of the place in question. It was strong in Chateaugay but is lost just a few kilometers on either side along US 11. Searched but not found: WVBH 103.9 Key Largo, WWFF 97.7 Marathon (I was there five days), WKRY 93.5 and WOZN 98.7 Key West." While in the Keys he even got E-skip from his native Quebec: CKOI 96.9 Verdun, as well as CFMK 96.3 Kingston.

Paul Wardell: "I've received the 12th edition of the FM Atlas and have already put it to good use. . . Your August column said that KWIP 880 served much of Portland (OR). Maybe that should have been Salem. They could be received in Portland, but they just weren't close enough to Portland to serve Portland. During the daytime at my location with an unaided AM radio, they had a moderate signal with background noise—something the average listener might not put up with. With a loop hooked up I received a very good, noise-free stereo signal. That's all for now. Keep up your good efforts."

Keith Pugh noticed that WAWL *91.5 Signal Mountain has been mono. If it returns to stereo, or remains mono, let me know so that I can change my listings accordingly. "In the July Southern FM DX report, p. 41, I have WRBN 101.7 GA Warner Robins listed. I now recall that they changed calls some time ago. . . I haven't looked back through my past VUDs for the change [to WPPR]. This should probably be pointed out in your next column under 'See Also'. . . Anyway, they haven't changed back to WRBN."

Tim Beard, St. Louis Park MN: "I have thoroughly enjoyed using 'FM Atlas' over the years for FM DX and I hope the next editions of 'FM Atlas' are just as good."

Frank Aden, Jr.: "Thanks for the sample copy of FMedia! Looks very good! I am planning to subscribe

CA George KATJ 100.7 k-stereo?
CA Santa Cruz KQED-FM *88.5 t, no music, except possibly for themes and weekend music...

TX A Amarillo KLSF 96.9 fm, "KLS-97, Class FM
TX Beaumont KZBZ-FM 95.1 sr, adds Port Arthur-Orange IDs ("The Rock")

HI Honolulu 96.7 KRTR, not 96.3, p. 86
KY Nicholasville 102.5 WKCU calls missing, p. 110
MO Point Lookout KSQZ *90.5 remove "seeks/ NM Galup remove *101.7 KTDBt from p. 66

are no plans to reactivate it.
WY Buffalo KHEF *91.9
SBCServices, 57, 67 and 92 kHz
Symbols are as in the "FM Atlas"-selected only; more are in "FMEdial" my newsletter which you can subscribe to as DXers at only \$18/year

OH Napoleon WNDH 103.1 no SCS (had TM, 67); r (top 40), main
OH Toledo WLOT 104.7 tX, 67 (not TM)
OR Eugene KWAX *91.1 tM, 67
KPWV-FM 99.1 tM, 67 [tT, 67]

IN Elkhart WVPE *88.1 no nonID, no "FM-88"
IN Indianapolis WFBQ 94.7 Q-95 (not "95-Q"), "Has always been 'Q.95' and will always remain 'Q.95'." This station is one which is being attacked by the FCC for "indecent" programming.

TX San Antonio KTFM 102.7 no nonID, saying "Hot 103, KTFM"
KZEP 104.5 Classic Hits 104.5
TX Sulphur Springs KDXE 95.9 Dixie 98
TX Victoria KEPG 100.9 Super G
VA Appomattox WZST 102.7 Star 102.7
VA Big Stone Gap WAXM 93.5 93-X
VA Lynchburg WKZZ 100.1 2-100
WY Baraboo-Madison WOLX 94.9 no nonID
OH Thunder Bay CJSO 94.3 Hot 94 (not "94-FM"), still r
MI Chicutimi CFXI 96.9 C-Fix, Quatre-vingt-dix-seize-virgule neuf
MI Rimouski CIKI 98.7 Les Meilleurs Souvenirs, FM-98 (strict)
SK Regina CKIT 104.9 K-105 (not "Stereo-105")
Multi-City IDs (selected)
LA Benton KDKS 92.1 with Shreveport (no Bossler City), "Kis 92"
LA Boyce KBCE 102.3 with Alexandria, "B-102"
LA Kaplan KMOL 97.3 with Lafayette
LA New Iberia KDEA with Lafayette-Baton Rouge
MS Forest WQST 92.5 with Jackson-Meridian
NY De Ruyter WVOA 105.1 with Syracuse, c, \$
OK Edmond KNTT 97.7 with Oklahoma City
PA Grove City WRKU 95.1 with Youngstown OH, still "K-Rock"
TX Bendera KHLK 98.3 with Kerrville
TX Beaumont KQXY-FM with Port Arthur-Orange (len, "O-106"
TX Belton KTGQ 106.3 with Temple-Kil-FM
TX Burkburnett KY11 104.7 with Wichita Falls; does KY11 have stereo?
TX Cameron KCRM 103.9 (moving from 103.1) with Rockdale-Miano "Country 103"
TX Coppertown KOOV 103.1 with Killeen/
TX Corsicana KAMD 107.9 variable other cities
WI Ladysmith WW1B 103.7 with Eau Claire

AM Happenings Most Likely Caused by FM (selected—more are in FMedial)

GA Augusta WRDW AM shut down (but not WRDW-FM 96.7 Wrens, which continues on the air). Sale was said to be in the works, but station has refused to "identify prospective buyers, their plans for the station or reasons why the station stopped broadcasting."
IL Chicago WLS 880 AM switches from music to all talk. "It brings an end to what was once one of the Midwest's most popular and most successful AM rock stations."
OR Portland KSGO 1520 changes to KFXX, "The X," and playing hard rock, going after daytime KZRC 10.10. "KSGO has seen its ratings decline since KXSN 97.1 FM started an oldies format on FM." Audiences for oldies on AM had been too small.
TX Helotes (Spanish: "hot com on the cob") KXAM 1440 "deleted by the FCC." Tried to serve NW part of San Antonio.
TX Lockhart KHJK 1060, SE of San Marcos. "The man who bought it applied for synchronous repeaters on 1060 in San Antonio and Austin, with the FCC not acting on the repeater applications." KHJK has "been silent at least four years." Dax Joe Gragg asserts.
WI Madison WHIT AM 1550 ditched its oldies format in favor of simulcasting the country sounds of WNDM FM 106.3 Middleton WI.
"WHIT was hit hard across the boards in the ratings recently when WOLX FM 94.9 (Baraboo WI) which dropped its easy listening format in April for continuous oldies... WHIT can broadcast only from sunrise to sunset coupled with the stereo-capability of WOLX were 'insurmountable' obstacles for the AM station to overcome."

FM Rulemakings Proposed

First date below is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed before the dates.
 Selected only; more are in FMedial

Two Texas AMs Bite the Dust

AL Thomsville 95.3A, with Thomasville
AL Thomsville 96.7CZ for 95.3A, WJDB-FM, Oct. 10, 25
CA Barstow 95.9B1 for A, KXXZ, Oct. 2, 17
TX Mirando City 100.5CZ for 100.9A, KZZO, Oct. 2, 17 [2, 17]
TX Monahans 102.1C for C1, KWES, Oct. 7
TX Windcrest (San Antonio) 98.5A, Jewel R. Morris, no dates given
VA Alberta (new-c-p) 103.1A for 107.7A, with Warrenton NC [25, Oct. 10]
WI Altoona 98.1A, Margaret Kaefer, Sept./

FBI Rulemakings Finalized

Dates are when FCC filing windows are open
AL Glencoe 93.1A, Sept. 26-Oct. 26
AL Linden (new-c-p) 102.9CZ for A
AR Gosnell (Blytheville) 93.9A, Sept. 25-Oct. 25
AR Wilson 103.7A, Sept. 26-Oct. 26
CD Kremming KRKM 106.3CZ for A
CO Widefield KLLI 106.3CZ for A
FL Fort Myers Beach WQEZ 95.3CZ from A
MI Spring Grove KQYB 98.3CZ from A
MN Two Harbors WRSR 104.3CZ from A
MO Columbia KFMZ 98.3CZ for A
MO Fulton KKCA 100.5A for 97.7A
MO Troy (not "LA") 100.7A. "You misread the Report and Order. The rulemaking dealt with a number of towns in Missouri, including Troy, Louisiana, etc. Louisiana is a town in Missouri, not the name of a state following Troy. Confusing, huh?" says Larry Fuss
NM Taos KTAQ 101.5CZ from 101.7A
TX Comfort 95.1CZ, Sept. 26-Oct. 26
TX New Ulm 92.3A, "first come/first serve"
VA Bowling Green 96.9A, Sept. 12-Oct. 12
VA Broadway WLTK 96.1B1 from 95.5A
VA Buena Vista WLTK 96.7B1 for 96.7A
VA Mount Jackson WSIG-FM 96.9B1

FM Stations to be Downgraded by FCC

On June 1, the FCC created a new class of FM station (C3) for Zone II. While many Class As will be able to upgrade, the other side of the coin is that some stations not meeting C2 status will have to be downgraded. This also affects noncommercial stations. Stations will have until June 3, 1991 to apply for upgrades to meet current C2 (or higher) requirements. "This means that protected contours could decrease, allowing surrounding facilities to upgrade in some cases," the National Association of Broadcasters warns. The list as given by the FCC appears in small print in the September FMedial. It is about 200 stations long.

Other Small-Print Happenings and FM Industry News

To show congressional skeptics that it can mean business, the new FCC has given two FM stations 30 days to explain their actions—mostly regarding the broadcasting of "indecent" material—or face sanctions. Sanctions could range from a warning to nonrenewal of their licenses. KSJO 92.3 San Jose CA's "Perry Stone Show" on several dates in October and November, 1988, supposedly aired a segment in which Stone told a female caller he wanted to lick food off her body, one in which there was a ribald version of the theme from the "Beverly Hillsbillies" TV show, and one on classical music performed on a "feliatio." WFBQ 94.7 Indianapolis, on "Bob and Tom" show, was claimed to be talk on various dates of having sex with candy bars and a skit of Elvis discussing sex. Also affected is WLUP AM Chicago, turning "bad" after flirting with Christianity on 1000 kHz. That station's "Steve and Gary Show" in Aug. '87 and again in March '89 aired discussions of erections, descrip-

tions of magazine pictures of Vanessa Williams and another woman, and a song about a man filming "Kiddie Porn" at a youth camp. The FCC is up to its full complement of five commissioners (plus staff), with Al Sikes sworn in as chairman, being joined by new Commissioners Andrew Barrett and Sherrie Marshall.

As follow-up to the story about Thomas Root (Aug. FMedial pp. 6-7), a federal grand jury in Washington DC is looking into whether or not he or his firm falsified an FAA document to show that a proposed tower in Kirksville MO would not endanger passing aircraft. The Kirksville allocation is 107.9C1, and I know there were solicitations of the public there to invest in a new "religious" station. Root is said to be back at work in his law office. And the FCC is launching its own investigation, as to whether or not Sikes, its applicants, attorneys, consultants and their advisors have engaged in a pattern of conduct which constitutes an abuse of the Commission's processes, and which may also be in violation of the federal Criminal Code.

From the NAB: "Q-Sound, a new technology, will allow any stereo station to broadcast music and effects that create the illusion of sound that moves from in front of listeners to behind them. A computer mixing technique creates the effects. Look for commercial music to be produced in Q-Sound this fall."

Alarmed at the FCC's ruling stations to more easily request a new community of license, the NAB is asking the Commission to either clarify or rescind the action. The new rule "goes too far," contends the NAB. An example of the "weakness" of the FCC's June decision is that new FM stations, created by Docket 80-90, would be allowed "to switch communities without ever providing service to their original communities of license."

The FCC has officially amended its rules to allow for noncommercial FM translators to receive their feeds by satellite or terrestrial microwave.

And the FCC is asking for comments on a request of Gerald Turro for waiver of Sec. 74.1231 of the rules to permit his translator WZ76AQ in Fort Lee NJ to provide local programming. Turro is seeking to program his translator 24 hours a day with entertainment, news and public service. He states that Bergen County NJ has no local commercial FM service and the translator will provide the local service that New York media do not; and his translator will be supported by advertisers who cannot afford to advertise on "out of state, full service stations."

FCC totals as of July 31 show 4,965 AM stations, 4,222 commercial FM stations and 1,397 educational FM stations; CPs and translators are not included in these counts.

Spring '89 RADAR survey shows FM now in the lead in all audience age groupings, including the 55+ market, with 55.7 percent favoring FM. Previously, AM enjoyed its only lead in the 50 and up age group.

Public broadcasters behaving like children? That's the gist of reports out of Columbus OH where WOSU-FM and AM are sparring with WCBE for "first rights" to Garrison Keillor's *American Radio Company of the Air*. WCBE claims WOSU-FM did not originally carry the show, and the new program is merely a "continuation" of the old program, *A Prairie Home Companion*. Similarly, WNEO-FM and WFBQ Buffalo had quarreled over the "rights," but settled it amicably. WFBQ ceded its rights, because it is satisfied with its own Saturday night lineup, and has dropped American Public Radio. Things aren't as friendly in San Francisco, where KJEL-FM is trying to deny KALW any broadcast rights to the program. Both stations previously carried Keillor, but KQED-FM claims to be the

primary APR affiliate in the market.

Canada's CRTC is clamping down on SCMO operators who may be competing with licensed stations, especially ethnics. It's decided that SCMOs offering more than 15 percent ethnic content in markets already having an ethnic AM or FM station must apply to the CRTC and possibly appear at a hearing. The agency fears unregulated SCMO use could "be threatened by unregulated SCMO services."

"The CRTC rejected a cable request for permission to strip SCMO information from FM signals and a proposal by background music operators to consider SCMO a 'private communication.' Also rejected was a proposal to treat 'programming' and 'nonprogramming' separately."

FM Enderings—Some Random Thoughts From My Travels to the WTFDA Convention

Much of the station news this month was the result of my travels to the East and calling on several stations. It was my first pilgrimage to Syracuse in 20 years, not even having attended my Ph.D. graduation in 1970. You've seen complaints about the poor identifying practices of CBC-Canada FM stations in this rag; well, some of the most enjoyable radio listening on the trip was in southern Ontario. CKOT-FM 101.3 Tilsonburg had such a refreshing live m-o-r or "b" sound that if U.S. broadcasters were to emulate it, I am sure the format would flourish in every market. Even surprising to me was the absolute growth in the number of stations everywhere. I counted 31 stations which the signal-seeking car radio stopped at on the Mackinac Bridge in MI; this is in contrast to perhaps three 20 years ago.

WVCY in Milwaukee is alive and well, churning out automated "g" to four other stations in the "VCY Network." I asked Vic Eliason there when do they actually broadcast in stereo to justify use of the stereo light? He took out his program log and said, "Well, I have 15 minutes of straight music at 8 a.m. and again at 5:30 p.m. And this program has stereo in its theme music, and that program... It's not dishonest to run the stereo generator all the time, even when carrying monaural material is it?" WUWM

'89.7 confirmed that the night a reporter caught them without stereo and sending out jazz, the announcer must have forgotten to turn the generator on. Not thinking in terms of "truncy," WVCY plans to start an SCA to home schools. "The background music market dried up because businesses can get it on the satellite," Vic confided. WRHP 107.9 Syracuse is looking for an SCS tenant to replace PRN, which also put on vanishing cream in Buffalo and Rochester, but manages to hang on in Cleveland. So would WUWM, which lost its 92 kHz Multicomm account. Morgan Marti is about to walk away from WQXO-FM-AM Munising MI. Seems when he bought the station, on contract, George Freeman, former owner (of KGRH Henderson TX fame) left a lot of debts that Morgan had to cover for. WJPD-FM 92.3 Ishpeming also being sold; Ron Wales, general manager, not sure what he's going to be doing after the sale. Look for a sale at WSAQ 107.1 Port Huron and its AM, John Wismer, owner, was not very friendly when I stopped by; I think his age and apparent poor health might make his station a good one for somebody to make an offer on. He's facing competition from a new 102.3 allocation, plus Canada and a good-sounding religious station, WNFA '88.3, which gave me a very friendly reception. WSAQ's the only one locally doing anything with its SCS.

I performed a no-no in watching TV on the drive, hooking up a Panasonic pop-up TV below the dash, and powered with an inverter. The French CBC (UHF) station in Sarnia was too fluttery to watch, but I did stay with WNEM-TV, channel 5, Bay City to watch "Unsolved Mysteries." Crossing the border into the U.S. was facilitated by closing the TV set's lid. Television in the car was not that distracting; I found I did not look at the screen any more often than I would look at the speedometer.

On the trip I picked up about a dozen radios to put the SCS feature into; including a nice Magnum/Dynalab FT101 tuner for sale on consignment from Al Ellis in Brantford ON. That tuner far outperformed a top-of-the-line Sony bought at a London ON stereo store, when tested side-by-side at Roger Gravell's place in St. Thomas ON. Roger said I can mention him. It worked as well, in my estimation, as the more expensive FT-101 "Etude," with its gold colored connectors. The Magnum, for example, pulled in Piqua OH 95.7 with a not indecent stereo signal, right next to local CFPL-FM 95.9, while the Sony could not get Piqua at all.

It was interesting to visit Peter Hunn, ensconced, or entrapped,

as the case may be, at little WZZZ (AM) Fulton NY. I think he's planning to write a book on how he "saved" a dying AM station—similar to the book he wrote on his experiences at 92.1 FM Port Henry NY. A little disconcerting that my former roommate, from University of Iowa days, is developing Alzheimer's disease; we had prayed about that while I was there in Rochester NY. Peter Hunn's faith, too, seems to keep him going. It's a secular station he's running, but every morning before 7 he reads a chapter out of the Bible on the air. "It helps me keep up my own Bible reading to do it over the air, and somebody told me they get an uplift from it."

It was nice to talk to my former professors at Syracuse. They're not "old" professors, as Don Ely told me he's just four years older than I am. Visited former associate Dave Krause at WSYT, channel 68. We were involved in the "Eastern Associates" partnership, applying for 100.9A against what became WEZG North Syracuse. I learned the partnership is still alive on the books of New York state. WAER '88.3 has "grown," and now on an upper floor of Newhouse II, which building wasn't there when I was; and WJPZ '89.1 is a student station with stereo in a more run-down facility. Off the air part of the time was WVOA 105.1, with a good sounding, but somewhat canned, classical format. A tremendous stereo signal from DeRuyter, much better than the light I remember monophonic WOIV with its CBN format. Laying had knocked out the WVOA transmitter a couple of days earlier. Off the air or at incredibly low power was WKGW 104.3 Utica; they too, had been hit by lightning.

Like many of you who travel and send me information, I took notes on the existence of stereo, the programming, nonIDs and multi-city identification practices of as many stations along the way as I could. I even got some information on various SCAs at 57, 67 and 92 kHz, but who am I to tell you how I found that out?

FM FORUM

COMMENTS FROM READERS

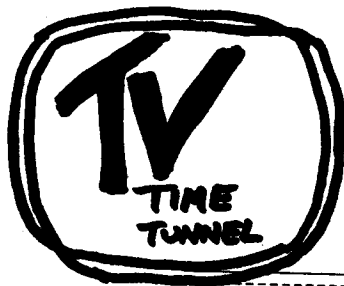
Canada's CRTC will start a review of FM broadcasting this fall. Expect some streamlining of the procedures, with full effect of the new rules to be by 1992, when most station licenses will have been renewed. Some DXers in Canada might even be advised to urge the CRTC to require hourly IDs on FM stations there, to make DXing (and tuning in) to the stations there more interesting. CKIS 97.5 Winnipeg has been called on the carpet by the CRTC for playing too much hard rock music and for too little news. Its license expires the end of this month, and the CRTC could deal it a fatal blow.

Bob Levy, chief engineer WHRL Albany, takes a scenic drive every couple of months to New York city. "Last month my son, Denis, and I drove via the Palisades Interstate Parkway through Alpine NJ. We stopped by for a visit with Dave Amundsen, network manager for UA CableSystems Corp., present owners of the Armstrong site. I have been by the strange tower many times but never had the opportunity to stop. This place is amazing. I just can't believe one man would spend millions just trying to promote an invention! The station was built in 1937. You can see the original building with the original FM turnstile antenna to the right." [Above the door is marked clearly in stone, W2XMN.] The office has on its wall the original 1935 blueprint of the tower. It is 122 meters, self-supporting with three arms at the top. There are no ladders, but stairs with landings up to the top. There are 100-150 microwave dishes on the tower, with equipment trailers surrounding the site. The tower base is so large that you could put a full-size house under it. The original brick building housed the transmitter and studios on the first floor and Armstrong's office and lab on the second. There are hundreds of old FM receivers, multiplex and facsimile equipment presently in the building as a museum.

"It really gave me a thrill to visit the site of the world's first FM station and then turn on the car radio and hear the dial full of stations from NYC and NJ. It is great that UA kept the Armstrong name, building and tower. If he could have lived to see how his dream came true—that of FM replacing AM as the superior method of radio broadcasting. Also due to his genius we have stereo and SCA via multiplexing, and a facsimile in nearly every office... There is a big painting of Armstrong inside the front door of W2XMN. Today one FM station broadcasts from the Alpine tower (WFDU '89.1 at Farleigh Dickinson University). Again, we enjoy reading and using your FM publications."

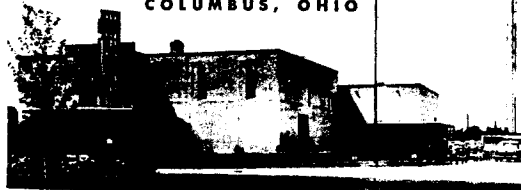
73ily,

Bob Levy



WLW-G CHANNEL 4

COLUMBUS, OHIO



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

G H O S T S
[Conclusion]

Of special interest is the KLRJ-TV letterhead. Both the channel allocation and call sign were deleted. Next time we'll begin a detailed journey through 'The History of Television'.

Las Vegas Henderson Boulder City

TELEVISION STATION **KLRJ-TV** CHANNEL 2

Serving All of Southern Nevada

STUDIOS AND TRANSMITTER • 4850 HENDERSON HIGHWAY • P. O. BOX 628 • LAS VEGAS, NEVADA

Phone Dudley 2-1760



KGNB-TV ... 100,000 watts

100,000 WATTS ERP 833' ANTENNA HEIGHT

VERIFICATION OF RECEPTION

Thank you for your report of May 31, 1955 advising us of your reception of WKY-TV in Napoleon, North Dakota

Transmitter and studio location: 500 East Britton Road, 6 miles North of Oklahoma City.

Frequency: 66-72 megacycles — Channel 4.

Video Power: 100,000 watts.

Audio Power: 60,000 watts.

Tower Height: 971 feet.

WKY-TV

500 EAST BRITTON ROAD
OKLAHOMA CITY, OKLA.



AM-FM-TV

FORT WORTH TELEPHONE LO 1981

DALLAS TELEPHONE TR 9157

TELEVISION CHANNEL 9

3000 BARRETT ST.
FORT WORTH, TEXAS

WESTERN TV-DX

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

Deadline: 11-09-89
Cut-off: 08-01-89

October 1989

There was quite a lot of fine TV-DX logged in August. Outstanding (in excess of 500 miles) midwestern tropo was noted on August 2, 3, 24, 25, 30, and 31. There were some nice E skip openings. One hot date was the 6th when Bill Draeb first noted E skip at 0530 and continued to log stations until late night. Outstanding auroral E skip openings were noted on the 14th, 15th, and 18th by yours truly with Bill Draeb and Mike Parks also cashing in on portions.

Congratulations to Jeff Kadet on achieving 1000 TV station loggings!

New ___ New Mode _ _ Tent. - t Unidentified - unid S/on - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - //

CH Chihuahua CU Coahuila NL Nuevo Leon SI Sinaloa

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

CDT

Equipment: See August 1989 Western TV-DX

August 1989	2 tr 1921	WIII 64 OH 400	3 tr 0437	WETO 39 TN 630
2 tr 0025	KSAX 42 MN 395	1932 WUSI 16 IL 402	0514	WTAP 15(OH) 476
	(Snow free)	(Snow free)		(Rare here)
	W16AC 16 WI	KNLC 24 MO 432		WKPC 15(IN) 437
	(Land O' Lakes STV)	2000 WFIE 14(KY) 420		WAKC 23 OH 395
	KVRR 15(MN) 461	WEIU 51 IL 348		%WBNX 55 OH 395
0053	KRWF 43 MN 372	(Above 2 snwfree)	0537	@WPBY 33 WV 498
	(Above 2 snwfree)	W57AO 57 IL 382		W57AG 57 WV
	K14AD 14 MN 370	(Robinson TBN)		(Parkersburg WPBY-33)
	(Willmar KSAX-42)	2030 WKGB 53 KY 553		WYMT 57 KY 553
	0102 K19BG 19 MN 335	WYMT 57 KY 553		W54AF 54 OH 344
	(St. Cloud TBN)	WLKT 62 KY 473		(Bucyrus LPTV)
	0113 K26AC 26 MN 412	WSFJ 51 OH 395		(Snow free)
	(Bemidji KVRR-15)	2041 WDRB 41(IN) 437	0539	WPBO 42 OH 462
	K20AD 20 MN 407	2051 WTSF 61(WV) 486	0542	WWAT 53 OH 437
	(Worthington KSTP- 5)	WOAC 67 OH 395		WSFJ 51 OH 395
	0125 KBJR 6(MN) 286	WNEO 45 OH 405	0600	WLJC 65 KY rare
	0144 WHO 13 IA	WOSU 34 OH 395	Es 1730	KWAB 4 TX 1135
	0201 KFME 13 ND 477	2100 WVUT 22 IN 405		(KTPX-9 ID)
	@CHMI 13 MB 591	2107 WPGH 53 PA 480		KMIDt 2 TX
	(ID- "MTN/CHMI")	CBLFT10 48 ON		KENWt 3 NM
	0214 KMCI 38 KS 551	2118 WBAK 38 IN 348	4 Es 0850	unid ch 2-
	0230 KTAJ 16 MO 498	(o/WCFC & WPNE)	1745	unids chs 2-4 ne
	KPTM 42 NE 481	2129 WSBN 47 VA 587		(French audio)
	I went to bed.	(Snow free)	1934	WGBH 2 MA 830
	0710 KAWB 22 MN 350	WMSYt 52 VA	2000	KATC 3 LA 1026
	0724 WIRT 13 MN 335	WXIX 19(OH) 400	6 Es 0530	unid ch 2 west
	(ID- "WIOI/WIRT")	2137 WKMJ 68(IN) 437	0815	unid ch 4 west
	0730 KCCI 8 IA 368	2230 WLKT 62 KY	1021	unids 2-4 south
	KDInt 11 IA	(With Pat Sajak)	1159	KFDX 3 TX 945
	0740 KDSD 16 SD 526	WEVV 44(KY) 420	1229	KOET 3 OK 786
	0800 KSAX 42 MN 395	2300 went to bed		(ID - KOET/KOED)
	KRWF 43 MN 372	3 tr 0417 @WVEI 27 VA 638	1722	KIDK 3 ID 1214
	(Above 2 snwfree)	(Snow free)	1736	KWGNt 2 CO
	KSInt 27 IA	@WEJC 20 NC 701	1738	KTVX 4 UT 1264
	1906 WQPT 24 IL	0430 WGGT 48 NC 715		KCNct 4 CO
	WMEC 22 IL	@WDKY 56 KY 514	1740	KXLF 4 MT 1219
	WTJR 16 IL	WYMT 57 KY 553	1745	KOUS 4 MT 980
	KDNL 30 MO 432	WPGH 53 PA 480	1814	KYUS 3 MT 897
	(Above 4 snwfree)	WDRB 41(IN) 437		KTVQ 2 MT
	WCET 48 OH 400	@WTVQ 36 KY 473	1829	KRTV 3 MT 1157
	WCVN 54 KY 407	WTTE 28 OH 395	1900	KWSE 4 ND 811
	WKON 52 KY 437	0437 WFMJ 21 OH 420		
	1921 KSAX 42 MN 395	@WHIZ 18 OH 400		
	(Snow free)	%WKBN 27 OH 420		

William Draeb (continued)

17 tr 1930	WCET 48 OH 400	26 tr 0500	WYTV 33 OH 420
	Chicago U's over		WKBN 27 OH 420
	Green Bay w/ease		WPGH 53 PA 480
6 Es 1915	KBME 3 ND		WNEO 45 OH 405
	CKCkt 2 SK	18 tr 0305	WCET 48 OH 400
1930	KFBB 5 MT	Es 0810	W22AJ 22 IL
2032	KNDXt 2 ND		(See Note # 2)
2035	KTVM 6 MT 1219	1225	30 tr 0802
	KFYRt 5 ND	1800	KSAX 42 MN 374
	2047 CJFBt 5 SK		KAWB 22 MN 350
	2055 KGWlt 5 NY	19 tr 0350	0819
	2115 KCWct 4 NY		Es 1830
	2130 KOTA 3 SD 798		31 tr 0450
	2251 all gone		unids 2-3 south
9 tr 2008	W24AI 24 IN 201		0515
	(Michigan City TBN)		WEVV 44(KY) 420
	(Over WCGV-24)		WYMT 57 KY 553
	W69BT 69 IN 208		0524
	(South Bend WCIU-26)		1s 1924
Es 2119	unid ch 2+ south		KSAX 42 MN 374
2233	WESH 2 FL		
	WJXT 4 FL		
2237	WUFT 5 FL		
2243	WYFFt 4 SC		
	WPBT 2 FL		
2247	WEDUt 3 FL		
	WRBL 3 GA		
	WCPX 6 FL		
2253	WTVYt 4(FL)		
2258	WDIQ 2 AL		
2302	WEAR 3(AL)		
2308	WKRgt 5 AL		
2310	WSJkt 2 TN		
2315	WCBd 2 SC		
	WMAB 2 MS		
2325	WLBt 3 MS		
	WCIYt 4 SC		
11 tr 0425	TVO 15 ON 210		
	(Laird Township)		
12 tr 0627	KDNL 30 MO 432		
0633	TVO 15 ON 210		
2053	W45AGt 45 IN		
	(Fort Wayne LPTV)		
14 Es 2200	unid ch 2- west		
AE 2300	unid chs 2-6 ne		
2310	CKRS 4 PQ		
	(Where ???)		
	lots of others		
2330	opening dying		
15 au 1850	channels 2-6		
17 tr 0515	CBCE 16 ON		

Note # 1 - 8/18 @ 1800 - All day E skip still cooking on channel 2. Unable to watch most of it.

Note # 2 - 8/27 @ 1935 - W22AJ ID slide shown. Music videos shown (Video Juke Box Network) - Phone number 1-900-HOT-HITS to order. Phone call costs \$2.50

The E skip opening of August 6th seems to have been the best of the season. One thing which helped this opening was local weather conditions. A cold front moved through and highs only reached the 60's, keeping local signal levels down.

The tropo opening of September 4th sort of snuck up on me. When I went to bed the night before at 2300, there wasn't any hint of DX like that. I turned the set on at 0245 to find the Home Shopping Club on channel 14 with a good signal. I thought maybe it was some translator I didn't know about, but after I went to VHF channels my question was answered. On channel 7, KATV was about the only thing there. On channel 8 there was a mess with WOTV, WQAD, and others. KNOE-8 surfaced a few times with Mississippi, Louisiana, and Arkansas phone numbers and towns shown, as they were carrying the MD Telethon, as were others. My only regret is that the opening wasn't more widespread.

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

CST

Equipment:

1980 model Penncrest 9 inch black and white, Archer V-100 and 8 bay bow-tie UHF array at 20 feet with rotor.

July 1989

2 Es 0859	WPSX 3 PA	10 tr 1859	KHCE 23 TX	18 tr 0345	KSLA 12 LA
3 Es 0959	WEDU 3 FL	Es 2159	KREG 3 CO	0422	WAFB 9 LA
	1726	WWAY 3 NC	11 Es 1457	WBAY 2 GA	Es 1617
	2200	KIDK 3 ID	13 tr 0342	WVUE 8 LA	1629
	2258	KVBC 3 NV	0343	KTRE 9 TX	19 tr 0034
	4 Es 1029	WPSX 3 PA	0524	WAFB 9 LA	Es 1142
		KQTV 2 MO	0601	WLPB 27 LA	1259
		WSAZ 3 WV		KLTL 18 LA	1400
		1101	KDKA 2 PA	14 tr 0416	WAFB 9 LA
		1910	KTVK 3 AZ	0728	KLFY 10 LA
		1913	KCBS 2 CA	0729	KADN 15 LA
		2116	WSIL 3 IL	Es 1014	KCBS 2 CA
		5 Es 0929	WAVE 3(IN)	15 tr 0128	KBMT 12 TX
			WSJK 2 TN	0307	KLFY 10 LA
			WYMT 57 KY 553	0410	WAFB 9 LA
			1629	0531	KPLC 7 LA
			7 Es 1319	WCBs 2 CA	16 tr 0658
			1629	KPRY 4 SD	Es 1418
				KDLO 3 SD	1658
				KBME 3 ND	tr 2229
				KGAN 2 IA	17 tr 0040
				2109	WCIA 3 IL
				2120	WAVE 3(IN)
				8 tr 0230	KLFY 10 LA
				9 Es 1059	KTCA 2 MN
				1100	KDLO 3 SD
				1159	KXMA 2 ND
				10 Es 1128	KGAN 2 IA
				1158	WISC 3 WI
				1259	KOTA 3 SD
					0343
					KLTV 7 TX

A lot more July E skip than June, putting it mildly! (My FM minute totals for July were over 2.5 times that of June.)

Local 23 (religious) is an intermittent item. Lucky to be on a few hours a day. When on, it doesn't bother the LPTV 20 (also mostly religious) - 20's biggest problem comes from being 15 channels away from much stronger 35 and thus the Image QRM. 73, Pat, W45IYX

William Eckberg, RR #4, Dixon IL 61201

CDT

Equipment: See September 1989 Western TV-DX

July 1989

31 Es 1200	KNMZ 2 NM 972	3 tr 0440	WKBN 27 OH 450	23 Es 2026	KRTV 3 MT 1112
	1202	KATC 3 LA 809	0450	2100	KUTV 2 UT 1139
	1208	WBRZ 2 LA 784	0455	2130	KOTA 3 SD 699
			0505	2140	KIDK 3 ID 1123
			0510	2200	KGWN 5 NY 785
				2230	KSL 5 UT 1139
				2315	KTWO 2 NY 849
				26 ms	0420
				30 Es	1905
				31 tr	0215

August 1989

2 tr 2100	W68BR 68 IL 42	0530	WOAC 67 OH 417	26 ms	0420
	(Rockford WCFC-38)	Es 1200	WEAR 3 FL 792	30 Es	1905
	2230	W72AAt 72 MI	WEDU 3 FL 1031	31 tr	0215
		(Iron Mtn WLUK-11)	WTVY 4 AL 758	0310	WTBS 17 GA 610
			1300	0433	WVFT 27 VA 583
			1330	0455	WBIT 10 TN 489
			9 tr 2245	0500	WTVc 9 TN 512
				0525	WAFY 48 AL 503
				23 Es	2000
					0530
					0545

I marked my channel 72 logging of WLUK-11 tentative even though the antenna heading was Iron Mountain. Someone should know the signal's origin for certain.

William Eckberg (continued)

Three excellent tropo openings within a month were along the backside of fronts from the Carolinas to the upper midwest. I saw Roanoke 27 twice in August. They are on all night with color bars and ID. Surprised to see Bluefields, West Virginia, channel 6 through Indianapolis.

Ted Turner's Super Station in Atlanta on August 31st came in over an hour with a decent signal. I managed to get several photos of local commercials - all they do is advertise. I was looking hard for Florida tropo, but no luck. Atlanta is past the mountains so it was possible.

(Bill, I think your channel 72 with WLUK-11 was probably their owned and operated W72AJ at Escanaba. My information has that translator still active and the channel 72 at Iron Mountain deleted. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CDT

Equipment:

UHF - Channel Master 7' parabolic, AC-4990 preamplifier, .412 hard line, Zenith System III. VHF - 10 element channel 2-6 yagi.

August 1989

2 tr 0145 KVRN 15(MN) 449	3 tr 0123 Cincy's 19, 64	31 tr 0056 WATL 36 GA 696
0202 K24AE 24 MN 370	0127 @WVFT 27 VA 634	0101 WVEU 69 GA 698
(Alexandria KSAX-42)	0229 WJET 24 PA 479	0133 WETO 39 TN 602
0222 K26AC 26 MN 410	0211 @CBCE 16 ON	0150 WMTT 28 TN
(Bemidji KVRN-15)	0216 WETO 39 TN 602	(Home shopping)
0240 K14AD 14 MN 315	0241 WDLI 17 OH 444	0212 WATB 17 GA 696
(Willmar KSTP- 5)	0250 WSFJ 51 OH 420	0228 WLCN 19 KY
0322-0354 unids from	6 Es 1139 KDFW 4 TX 834	0404 WSFJ 51 OH 420
Iron Mountain,	1145 KJRH 2 OK 591	0408 @WKYT 27 KY 435
Crystal Falls 30	10 tr 0900 WLKT 62 KY 435	0432 @NTVQ 36 KY 435
35,43,47,56,59,	0915 W68BR 68 IL 55	0430 @WTCI 45 TN
61,63,65, & 67	(Rockford WCFC-38)	(Resolution TP)
W30AK 30 MI 200	(See Note # 2)	(0 beat - WRGT)
(Iron Mtn WLUK-11)	18 Es 1100 WPBT 2 FL 1291	unid channel 43
W35AK 35 MI 200	1200 WBRZ 2 LA 888	(0 beat - WKOI)
(Iron Mtn WTBS 17)	30 tr 0120 WTVQ 36 KY 435	0446 WLEX 18 KY 435
(See Note # 1)	0122 WUAB 43 OH 409	0505 @WBNX 55 OH 416
0400 KDSB 16 SD 443	31 tr 0032 WGRB 34 KY 460	0521 Cleveland 19,43,
0430 KDEB 27 MO 447	0032 WDKY 56 KY 441	and 61 410
3 tr 0107 Cleveland 19,43,	0051 unid 57 TBN 160P	0602 WYMT 57 KY 522
and 61 410	0056 WGNX 46 GA 696	0608 WKLE 46 KY 435

Note # 1 - I was in no mood to figure out what all I was seeing. Some of these channels were scrambled, but then again at times they were not. Sometimes channel 59 had WGN scrambled, but when I would check back it would have 3/4 color bars. Channel 67 was not scrambled, but had the South Dakota Public Television's Overnight Service! The Overnight Service was also seen on channel 61 for awhile; then 3/4 color bars popped on both on channel 61 and channel 65. Channel 56 had WCIU-26 from Chicago. Probably normally WGBA-26.

Note # 2 - W68BR uses video tapes for programming. They are not off air. While cueing up a tape the other morning they must have hit the "on screen programming" button. I noted the familiar feature as the same as my own Zenith VHS recorder. They do not use translator calls.

Note # 3 - With regard to tentative WLCN-19 - was off frequency. Produced zero beat to WXIX-19 and drifted at random.

I noticed that W36AO in Palatine and W22AJ in Waukegan are Video Jukeboxes. Each request costs \$2.50 on your phone bill. Rap videos are popular on the Palatine station.

I know I always complain about August DX. I always expect so much. Maybe September will be a zinger.

Congratulations to Jeff Kadet for his 1000th TV station. Where will it all end? 73

(I think your TBN on channel 57 is most likely W57AO, Robinson, Illinois. Also, with regard to W68BR, I am quite surprised to hear that it is not operated as a translator with WCFC-38's grade B contour so close to Rockford. I am even more surprised that, if it is locally programmed, they do not do local ID's. fm)

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

CDT

Equipment: See September 1989 Western TV-DX

July 1989

31 Es 0830	WMAR 2 MD	1128 WPBT 2 FL	1200 WPTV 5 FL	4 AL	4 FL	18 Es 1725	WCBST 2 NY
	WTUV 4 AL	1200 WUFT 5 FL	WTVJ 4 FL	WESH 2 FL		tr 2100	KNAZ 2 AZ
	WCTV 6 GA	1300 WWL 4 LA	WCPX 6 FL	1330 XEPM 2 CH		20 tr 0900	CBLN4 45 ON
	WUFT 5 FL	1330 KENS 5 TX	1400 XHPNT 3 CU	1430 KOTN 2 TX		21 Es 2200	St. James MN U's
	WCIX 6 FL	1334 WBRZ 2 LA	1416 KMOL 4 TX	1430 KNNZ 2 NM		22 Es 2100	WBRZ 2 LA
1130	KNMZ 2 NM	1400 KATC 3 LA	1500 KENW 3 NM	0800 WBRZt 2 LA		23 Es 1915	KIII 3 TX
	KNME 5 NM	0800 KPRC 2 TX	0800 KGBT 4 TX	0209 KVRN 15 ND 539			CKCK 2 SK
	KOB 4 NM	0815 @CJBR 2 PQ	0207 K14AD 14 MN 395	0230 K28BT 28 MN 435		2000	CKND2 2 MB
1200	KNAZ 2 AZ	0827 @CBFT 2 PQ	(Willmar KSTP- 5)	(Alexandria KARE-11)			CFACT 2 AB
1800	WBRZ 2 LA	0832 @CFRS 4 PQ	(Willmar KSTP- 5)	0246 K50AG 50 MN 395			KRTV 3 MT
		0846 unid ch 3 NS ad	(Willmar KARE-11)	0300 KFME 13 ND 556			CBC English 4-6
		0900 KENW 3 NM	(Brainerd KVRN-15)	K54AT 54 MN 440		2035	KOAA 5 CO
		0930 CBFAT 5 PQ	0355 K65DI 65 MN 500	(Walker KVRN-15)		2140	KGWL 5 WY
		0935 K67BWt 67 MN	0356 K67BWt 67 MN	(Red Lake KCCW-12)		2300	KCWC 4 WY
		0700 KAWB 22 MN 440	(Red Lake KCCW-12)	0933 KWGN 2 CO			KUTV 2 UT
		2147 W65BN 65 MI 395	(Iron Mtn STV-TNN)	0956 KOAA 5 CO			KSL 5 UT
		(Iron Mtn STV-TNN)	0945 @KCWC 4 WY	6 Es 0805			XEPM 2 CH
		W68BS 68 WI 305	KTWO 2 WY	KTVQ 2 MT			WKTU 2 NY
		(Green Bay TBS)	0955 KAVE 6 NM	KXLF 4 MT			KPRC 2 TX
		K69BA 69 MI 395	1000 KTXI 5 TX	KTYM 6 MT			tr 2025
		(Iron Mtn STV-WMMU-13)	KENW 3 NM	0945 @KCWC 4 WY			K69FN 69 MO 125
		CBLFT9 53 ON 505	unid ch 35 TBN	KTWO 2 WY			(St. Louis LPTV)
		2300 W68BR 68 IL 150	(E of St. Louis)	0955 KAVE 6 NM			(Test w/ID'd TP)
		(Rockford WCFC-38)	0445 @WPGH 53 PA 560	1000 KTXI 5 TX			W54AE 54 KY 265
		CBLN3 64 ON 455	&WYTV 33 OH 510	KENW 3 NM			(Paducah LPTV)
		2348 WPGH 53 PA 560	(Round TP)	1011 KIDY 6 TX			(See Note)
		0005 CBLN2 34 ON 466	0520 K67-- 67 ?? west	1030 KTVX 4 UT			0037 =WYMT 57 KY 450
		0040 @CIC028 28 ON 550	(Unknown Ch America)	1055 KREG 5 CO			0129 K31BW 31 KY 325
		WNYB 49 NY 630	0920 WBSN 47 VA 500	1100 KDBC 4 TX			(Lawrence TBN)
		CBLN 40 ON 505	(In all day long	1120 XEPM 2 CH			K21AP 21 NE 300+
		CIII29 29 ON 477	under Peoria)	1130 XHIT 4 CH			(Topeka TBN)
		CBLN4 45 ON	1706 WJFB 66 TN 380	1200 KVOA 4 AZ			0240 W36AK 36 TN 359
		CITY2 31 ON 525	(The Weather Ch)	KTVK 3 AZ			(Nashville TBN)
		KCK03 42 ON 455	1803 WATL 36 GA 577	KNME 5 NM			0333 W62-- 62 ??
		CIII29 29 ON 460	WGNX 46 GA 577	KUAT 6 AZ			(Unknown WREG- 3)
		CIC059 59 ON 455	WFLI 53 TN 492	1227 KPHO 5 AZ			0342 WTSF 61 KY 464
		CBLFT17 68 ON 463	1845 WDCI 61 TN 467	7 Es 1025			K39AJ 39 NE
		CBLFT8 61 ON 550	WLJT 65 KY 424	CFAP 2 PQ			(Malcolm TBN)
		0215 CKCO 13 ON 555	WVEU 69 GA 577	9 Es 2050			unid ch 39 TBN s
		0441 @WKBN 27 ON 510	2130 WMTI 28 TN 415	WPBT 2 FL			0413 W65BE 65 TN 370
		@WFMJ 21 OH 510	2359 =WCTE 22 TN 415	WESHT 2 FL			(Memphis TBN)
		&WYTV 33 OH 510	31 tr 0129 unid channel 14	1100 KDBC 4 TX			unid ch 35 TBN
		(Round TP w/ID)	(S of Louisville)	1120 XEPM 2 CH			0445 @WPGH 53 PA 560
		0502 WBNX 55 OH 476	0139 @WPGH 53 PA 560	1130 XHIT 4 CH			&WYTV 33 OH 510
		(Over WFFT)	0155 =WOAC 67 OH 493	1200 KVOA 4 AZ			(Round TP)
Es 1000	XEFB 2 NL	1500 WEDU 3 FL		1200 KTVK 3 AZ			0520 K67-- 67 ?? west
1100	WEDU 3 FL	1725 WMAR 2 MD		KNME 5 NM			(Unknown Ch America)
		WUFT 5 FL		KUAT 6 AZ			0920 WBSN 47 VA 500
				1227 KPHO 5 AZ			(In all day long
				7 Es 1025			under Peoria)
				CFAP 2 PQ			1706 WJFB 66 TN 380
				9 Es 2050			(The Weather Ch)
				WPBT 2 FL			1803 WATL 36 GA 577
				WESHT 2 FL			WGNX 46 GA 577
				12 Es 1900			WFLI 53 TN 492
				KMID 2 TX			1816 WBGY 64 TN
				18 tr 0300			1845 WDCI 61 TN 467
				Detroit UHF's			WLJT 65 KY 424
				CKCO3 42 ON			WVEU 69 GA 577
				WEAR 3 FL			2130 WMTI 28 TN 415
				WTVY 4 AL			2359 =WCTE 22 TN 415
				WESH 2 FL			31 tr 0129 unid channel 14
				WMAR 2 MD			(S of Louisville)
				WEDU 3 FL			0139 @WPGH 53 PA 560
				WUFT 5 FL			0155 =WOAC 67 OH 493

Jeff Kadet (continued) 31 tr 0235 WADL 38 MI 420 31 tr 0450 WFMJ 21 OH 510
 0252 W45AG 45 IN 290 0500 WPTF 28 NC 737
 (Fort Wayne mx video) 0515 WEOA 49 OH 474
 31 tr 0200 W54BNT 54 OH e (Snow free)
 (Family Channel) 0310 CBLFT10t 48 ON &WLOS 13 NC 554
 0214 WVFT 27 VA 608 (Vertical bars)
 0224 W51 51 TN 500+ C1C059 59 ON 455 (Round TP w/ID)
 (Kingsport area) WTBS 17 GA 577 0600 WSBN 47 VA 500
 (Hit Video USA) 0439 WVKCH 43 TN 476

Note - W54AE - General Manager pleading for viewers to write to cable company to put them on or they will have to go silent.

The channel 65 TBN in Memphis was station #1000 logged since moving to Macomb in July 1983. Best catches are probably four Colorado translators, K48AJ, K53AD, K57AM, and K59AP, all at about 625 miles, seen on August 22, 1984. Ever since seeing WTAC-56 on a neighbor's TV set in Boston in the early 50's and thinking "Gee, that's strange, here is a local TV station nobody knows about", I've been fascinated by TV. On my 7th birthday in 1955, I got a Brownie camera and filled up an entire roll of film with unusual TV antennas atop houses in the neighborhood - still have 'em, too.

I've been a ham for 30 years and have dabbled in most other types of DX'ing and none of them approach TV DX'ing for it's sophistication, challenge, beauty, and more than enough frustration. It is DX you can see as well as hear. I wouldn't dream of DX'ing without a camera ready at all times. Besides serving as verification, there is something ethereal about catching these brief moments in time and being able to look at them later.

Totals break down as follows (note: I do not count call letter changes unless an LPTV/translator mutates into a four letter station, i.e. W39AB into WETO. If an LPTV becomes a translator or visa-versa it is considered to be only one station.) Station total-1008. 45 States, 7 provinces, 8 Mexican states, and Cuba. Canadians - 82 (27 by tropo), Mexicans - 18. E skip - channel 2 - 51, channel 3 - 48, channel 4 - 44, channel 5 - 44, and channel 6 - 32. Total E skip - 219. LPTV/translators - 170. UHF stations including LPTV/translators - 584. Stations photographed - around 700.

More info on the Manito, Illinois pirate, 47 miles east of here. The sheriff of Manito is broadcasting the bulletin board, with local events, from his house on channel 14. He is shooting it four blocks to the cable head-end where they put it on Manito cable channel 11. This info came from a Cass Cable Company technician. He says that it has been on for three years. I'm getting it about 2-3 times a week on the new dish. My guess is that he's using about 5-10 Watts. I don't think a small town Illinois sheriff wants to be hassled by a TV DX'er over the telephone, but I may drive out there one of these days.

These TBN translators are like self-perpetuating gnats, popping up all over the place. The non-ID'ing channels 35 and 39 are new ones, where ever they may be from... I doubt if needed channel 62 in Lexington, Kentucky is still on. Not a trace of them unless they have limited hours. The CBFAT-5 E skip catch is listed as 665 Watts in the Database.

I finally got the R-7000 back from being "repaired." The radio, which I got used, worked fine for two weeks then died repeatedly after being on a few minutes. It was sent to a SWL dealer for repair and modification, but they said it had a faulty PLL and had to be sent back to Icom first. Today (09/01), I got the R-7000 back from Icom, no charge, saying the radio works fine and is up to specs.(.3 uv FM written in). Go figure... (no doubt it will die during the peak of F2 this winter.)

Lastly, here are two suggestions for the next Database and LPTV/Translator Guide: (1) put the Canadians, Mexicans, Cubans, etc. on the same pages as the U.S. channel listings, like the Vane Jones Log did. It's a supreme hassle flipping pages during openings. (2) put the names of the STATES at the top of each page in the LPTV/Translator Guide like they do in the phone book with names. This will eliminate constant referral to the table of contents page during openings. 73.

(Here are some thoughts on some of your unids: TBN on channel 35 from east of St. Louis - W35AH, Jackson, Tennessee; TBN on channel 39 from the south - K39CP, Poplar Bluff, Missouri; Hit Video USA from the Kingsport area on channel 51 - W51AU, Greeneville, Tennessee (WKPT-19); WREG-3 on channel 62 - K62DA, Maiden, Missouri; and Channel America on channel 67 from due west - K67CV, Lincoln, Nebraska. What do you think? Regarding WLKT-62, it reportedly went dark on July 7, 1989. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment: See August 1989 Western TV-DX

Ouch, how time flies! Here it is September, and I haven't finished off July. So here it is: nothing spectacular, but a number of openings noted in the second half of

John Jefferson (continued) July and through most of August. Strangest were July 18th and 24th, when initially there was hardly anything on the lowband, but the FM was active! The July 18th event is understandable: the opening was into central Minnesota, at extreme range and almost behind the Walnut Grove tower (with channels 3, 6, 10, 13, 40, and 58 at some 15 miles). But July 24th, it was Oklahoma and that's not heavily blocked. Guess there's no channel 2 or 4 near enough to Poteau to show up in that one. The skip finally died after August 25th with only a weak opening since then.

As always, new are underlined - * means new to Antioch

<u>July 1989</u>		29 Es 1629 KACV	2 TX 1110	14 Es 1859 <u>XHCH</u>	2 CH <u>1135</u>
19 Es 1811 <u>XHBst</u> 4 SI				2059 <u>XHCH</u>	2 CH 1135
(+ offset)				15 Es 1859 <u>XHCH</u>	2 TX 1110
	<u>August 1989</u>	6 Es 2026 *KUSD	2 SD 1345	2128 =KACV	2 TX 1110
1830 KMID 2 TX 1175		2059 KNOP	2 NE 1110	2203 KAMR	4 TX 1110
22 Es 1400 KMID 2 TX 1175		7 Es 2100 KMID	2 TX 1175	2212 <u>KMZt</u>	2 <u>NM HSN</u>
1458 KACV 2 TX 1110				2230 KAMR	4 TX 1110
1659 KXTX 5 TX 1150					
23 Es 0930 KNOP 2 NE 1110				16 Es 0659 <u>KMIDt</u>	2 TX
1059 <u>XEPMt</u> 2 CH <u>XEW</u>		2111 KDBC	4 TX 970	18 Es 2005 <u>KSNC</u>	2 KS 1255

A real pleasure to ID XHCH. I've seen their logo before, but never could read it. The calls are angled slightly and fairly small, with a line extending across the screen both ways from the base of the letters. The screen is otherwise blank. Apparently, with a little blurring the calls look like KHON, which would be a nice catch. Don't think I'd see them to the ese, though.

Here's the MUF breakdown:

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
07/16	2	2135	07/26	4	1258	08/06	106.7	1217	08/20	2	1323
07/18	94.9	1923	07/28	2	0630	08/07	5	2111	08/21	4	2220
07/19	98.7	1752	07/29	107.7	1855	08/14	98.7	2001	08/22	91.7	0739
07/22	107.5	1819	07/30	2	0909	08/15	4	2153	08/23	4	2027
07/23	98.7	0947	08/01	92.3	1924	08/16	5	0906	08/24	2	0748
07/24	107.3	0730	08/03	107.7	0806	08/18	107.1	2128	08/25	2	2011
07/25	3	0856	08/05	2	1016	08/19	2	0950	09/01	2	0722

I notice that a lot of reporters have had poor seasons. Hope July and August were better than June for everyone. Sure can't complain here! To date, 91 days with skip, beating prior full-year best (79 in 1982) with ease. Some of those would likely have been missed in Pleasanton, as they were too weak to get through KTVU and probably never reached channel 3. But 36 made it into the FM, where the two sites are about even, and that ties 1981's record there. Three new TV loggings, all on channel 2, doesn't sound like much for the season, but the 1985-1988 combined produced only 2! The remaining targets are mostly unlogged for a good reason - microscopic ID, low power, lousy direction, too close, too distant, etc.

Jeff Kruszka, 5855 Walnut Creek Rd, Apt. A-105, River Ridge LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

August 1989

2 tr 0600 <u>WFSU</u> 11 FL 334	2 Es 1830 unid ch 3 Mexico	3 tr 0549 <u>WJTC</u> 44(AL) 163
<u>WJTV</u> 12 MS 159	(See Note)	0600 unid ch 40 ABC
0623 <u>WSFA</u> 12 AL 276	3 tr 0542 <u>KTVE</u> 10 AR 247	unid channel 54
Es 1759 unid ch 3 ABC	<u>KLRT</u> 16 AR 361	0617 <u>KTHV</u> 11 AR 361
unid ch 2 Mexico	0546 <u>KMSS</u> 33 LA 290	0624 <u>WDBD</u> 40 MS 162

Note - Show where announcer sits on right, puppet on left - carry on dialogue in between cartoons. I've seen this a couple of times now.

Almost could have fit my report on a postcard this month. If it weren't for E skip on the 2nd (and also the multitude of E skip I saw at the convention in Syracuse), this might have been the first skip-less August ever for me. Very strange - I would have expected nearly diurnal E skip to Mexico about now. The convention was great - the DX (Dakotas, Maritimes) was exciting and kept everyone busy.

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

CDT

Equipment:

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

Table of TV station listings for June 1989, July 1989, and August 1989. Columns include call letters, frequency, power, and location. Includes notes like '(Sign-on @ 0630)' and '(New State # 39)'.

Michael Parks (continued)

Note # 1 - These two stations were carrying on a war with each other, first one taking its turn at dominating the channel for 30 seconds or so, then giving in to the other. After about a half-hour of this slug-fest, KTAJ finally came up the winner. Note # 2 - This broke my distance record for VHF via tropo. The old record was held by KWCH-12, Wichita.

A watched pot never boils and a watched for DX target will never appear. Winnipeg has evaded me for years and the minute I forgot to even check for it, it snuck up and bit me. While watching KFME-13, Fargo, another station with test pattern began to cause interference which progressively worsened. After waiting 10 to 15 minutes, it suddenly shot in with a near snow free picture and there in the lower right corner was "MTN/CHMI." There was no sign of the other Winnipeg stations though. Despite K58CM's antenna being mounted too close to the tower, when it wants to get out it DOES. On July 13, they were in here with strength equal to, if not greater, than the full power VHF's. K58CM was in again the next night with reduced signal strength. It looked like it might become a regular, but it hasn't been seen since except for occasional light CCI against K58BS. 73, Mike

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (N6HMO) PDT

Equipment:

1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft, Alliance rotor.

Table of TV station listings for August 1989. Columns include call letters, frequency, power, and location. Includes notes like '(Province # 5)' and '(EE programming)'.

I was hoping August would be a good month for E skip since it got a late start, but it didn't pan out. There was a surprise opening into Phoenix-Tucson area on August 22nd with KTVK-3 in solid for about an hour. Also had KUAT-6 and others, but KTVK dominated. An unusual opening for this location with the short distance of 620 miles to Phoenix... ya just never know.

I bought a 6 meter radio and have been having fun with it in between ID's on TV. I went back to the 27 inch Zenith for DX. The 19 inch was too inconvenient with a manual tuner... spoiled or what? Verification in from KIDY-6. Jeff Kruszka, good luck in New Orleans. Until next time, 73

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103 CDT

Table of TV station listings for August 1989. Columns include call letters, frequency, power, and location. Includes notes like '(KXJB-4 off air)' and '(MUF 95.9 @ 0129- AB)'.

SOUTHERN FM DX

OCTOBER 1989

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 10th

JULY'S ES COVERAGE CONT...

This month presents a further look on how strong the Es came on during July. August 18th was a good day for Es. The ms didn't amount to much for DXing this Aug. for most DXers.

A NEW YORK CITY AREA TEST CHALLENGES THE TX900

Now turning to tuners, Bill Nienajadly kindly offers his comments on the Yamaha TX900 tuner: "Bill Kretschmer kindly brought over his tuner on a visit here. We hooked it up to a GFM 6 antenna with rotor. Here 12 miles from NYC we were able to get adjacents like WVRX 103.7 RI, W DAS 105.3 PA, WSTW 93.7, WMMR 93.3, WMSG 92.9. What is really significant about this tuner is the selling price, \$400 approx! This tuner has super narrow, fine tuning, you can off tune like 92.895 etc. It does have presets too! But so far I was able to tell this tuner is better than the Carver TX-11 and close to the Onkyo. Yes, on certain channels there was some spillover from NYC like 92.1, 98.5, but 94.9, 97.3 were unusable. We were able to get 107.3 WRQX, a tough one + 100.9 there was a trace of something, too. I would say this tuner is very close to Onkyo for a lot less. I wouldn't know how this tuner would work in Washington, DC, but this tuner should be on the best 5 list. In fact, I'm thinking of purchasing it, too!" [SFM editor's note: Thanks for your comments. A better test to determine just how good a certain tuner's adjacent channel selectivity is would be to attempt to tune in a far distant class A signal wedged between two signals of moderate or better strength. Good tuners from the past can tune next to locals as in the Pioneer TX-9100, but fail when faced with the tuning situation just mentioned. A top 5 list of the best current tuners would certainly be helpful for anyone in the market for a better DX receiver, such as a new member just recently enthused about FM DXing but who is getting frustrated from not being able to tune in much of anything next to locals and/or has trouble with poor local overload rejection, in which the locals repeat themselves or sound mixed together over many otherwise empty parts of the band and so shutting out hopes of DX. As is evidenced from the occasional complaints in the VUD about the disappointing performance of certain receivers, DXers can use a little guidance in uncovering the few gems that lay hidden in the stockpiles of junk that so dominates the market. Selection should be confined to tuners as this is where DX performance is concentrated. Forget stereo receivers (where the tuner is combined with the power amp in one unit) since makers are more concerned about packing more power in the amp part as the price goes up rather than giving such added attention to the FM. As a case in point, the FM specs for Radio Shack's latest stereo receivers look little better than what's found in a typical car FM. And Radio Shack charges up to \$550 for such modest quality. Let the non-DXer who is only concerned about a few locals revel in such quality. So DXer buyer beware. After all, it's your money and your hobby. Here is my suggestions for the top 5 best tuners based on favorable comments about them from past VUD's: (All tuners had to be new, no discontinued ones.)

1. **Onkyo T-G10** It is practically identical to the T9090 II in appearance and specs. Onkyo's adjacent channel rating is a lofty 45 db, virtually confirmed in an April *High Fidelity* test. While no tuner is likely to be overload proof this one should be able to handle the locals without repeating them too much. \$800
2. **Harmon Kardon 920** Adj. selectivity tested out at 41.5 db. Little has been revealed about its overload rejection ability. Only \$350
3. **Denon TU 800** Praised by two DXers living in or near large metro areas. \$450??
4. **Yamaha TX900** Another tuner used in large metro areas without much complaint. \$400. (Overload rejection ability may be questionable.)
5. **Carver TX 11** (or 11a with am) While likely not quite as selective as the above, it's special circuitry for quieting down the stereo hiss from fringe stations may appeal to some. Around \$600 or \$700.

The above tuners are not cheap, but at least they offer a lot of quality for the money of the type one may feel satisfied with for many years. To take the long term perspective look at the cost, the Harmon Kardon if used for 15 years works out only costing about \$23 a year. So set your sights on the best, if you need to, and good DXing! DE]

Fred Laun, K320, 5801 Huntland Rd., Temple Hills, MD 20748

The wife and I were on the way back from visiting friends in West Virginia when we noticed an Es opening on the car radio August 18. So here is what we heard as we travelled between Winchester and Warrenton, VA, 8/18-89 EDST Honda car radio with whip antenna:

1005 KKTU 96.1 TX Kilgore	1012 KITV 92.9 TX San Antonio, "Power 93"
1008 KLTU 94.1 TX	1014 KWKH 94.5 LA Shreveport, "Radio Ranch"
1012 KYTL 93.1 TX Tyler	1102 KBHT 93.5 TX Crockett

73, Fred

11th Pugh, 227 Martin St., New Hope, AL 35760

11th Es (CONT. FROM LAST MONTH)

1000 XHRP 94.7 COA Salttillo, city ID
1000 XHOC 93.5 COA " " "Estereo
"Salttillo"
1055 XHSP 99.7 NL Monterrey, city ID
1056 XHRL 98.1 NL Mont, "Estereo Requerdo",
city ID
1058 XHIL 101.3 NL " "r, \$, "Radio Rejol?"
1072 XHPJ 106.9 NL " "r, city ID
1075 XHMG 102.9 NL " " ID, various slogans
"Radio Alamea", "Radio Informo", "Radio
Activa"
7/22 Es
1029 KQSK 97.5 NE Chadron, ads
1039 WTBX 93.9 MN Hibbing, ID
1048 KEZV 101.1 SD Spearfish, ads
1056 KKKM 93.9 SD Rapid City, Magic 93.9
1058 KRCS 93.1 SD Sturgis
1101 KINI 96.1 NE Crookston
1114 KLZY 92.5 WY Powell
1129 WWOJ 98.1 MN St. Cloud
1132 CKIS 97.5 MB Winnipeg, "97-Kiss"
1136 KOLY 99.5 SD Mobridge
1140 KWOR 96.1 WY Worland, r, ID

7/22 Es

1156 KGCH 93.1 Mt Sidney, ID
1159 unID 94.9 "Radio Tobasco", many ments.
of Nicaragua, SS, \$

7/23 Es

0936 KHIX 94.7 CO Boulder, "k-Hi"
0956 KIKX 102.7 CO Manitou Springs, ad
0958 KAZY 106.7 CO Denver, ID
1025 KGNU 88.5 CO Boulder, Movie promos
1039 KUNC 91.5 CO Greeley, ID
1043 KTAK 93.9 WY Riverton, "Big-94", ID
1103 KCWC 88.1 WY Riverton, ID
1107 KILI 97.5 WY Lander, r, ID

7/25 Es

1029 CFQR 92.5 PQ Montreal
1030 WAIR 92.5 MI Atlanta, rm, "W-AIR"
1039 KLYT 88.3 NM Albuquerque
1215 KJYJ 100.3 NM Albuquerque, b, k-Joy 100.3
1220 KVIA 93.9 TX El Paso, "V-94 FM"
1235 XHGU 105.9 CH Ciudad Juarez

7/28 Es

2110 KKKL 92.9 ND Grand Forks, XL-93
2113 GKX 96.1 MB Brandon, KX-96
2114 KVOX 99.9 MN Moorhead, K-100

Chris Johnson, 6235 Rosewind Ci., Memphis, TN 38115

Eqpt.: GE Superadio II, whip antenna

It's been two years since I've reported to SFM DX, but I'm back at it, determined to break through that "DX wall" around this area! Or so it seems. I hope to be a regular contributor from now on, and hope to DX as much as possible (between mowings of my new 4 hour back yard!!) (Wow, you sound like a good candidate for better equipment, including an outdoor antenna! DE)

7/4 Es (time Eastern)

1852 WRCH 100.5 CT New Britain, ID,
"Light 100.5, WRCH"
1900 unID 100.5 "Key 100", ment of NY (?)
1910 unID 100.5 "SL 100"(male)

7/4 Es

1916 WCMS 100.5 VA Norfolk, ID, ad
1934 WMMR 93.3 PA Philadelphia, ID

7/23 Es

1204 WKOR 96.1 WY Worland, ID "Big Horn Basin"

I have already received QSLs from WCMS and KWOR; each have me bumper stickers, etc. 73.

Greg Hardison, P. O. Box 5396, Mission Hills, CA 91396-0396

All here, heard at Conway Summit, CA--10,000' ASL, about halfway between Reno, NV and Bishop, CA (E. slope of the Sierras)

Eqpt.: Sony XR-A33 car receiver, built-in whip, All times PDT

7/4 Es

0948 KLYT 88.3 NM Albuquerque, K-light, psa
0952 KRST 92.3 NM Albuquerque, ID
1018 KGKL 97.5 TX San Angelo, "19 Tons", ID
1053 unID 93.5 ?? "X-102" obviously xtr--
for KSNY 101.7??? (tr or groundwave)

7/4 Es

1010 KJZZ 93.7 ND Minot, P. Harvey, ad, ID
1016 unID 96.1 ND? aor KYZZ?? Williston
1018 unID 97.1 ND? g, KHHT? Minot
1019 CBWV 97.9 MB Brandon, Canada nx, mono

8/4 Es (getting better!)

0952 CITI 92.1 MB Winnipeg, ID, spots, \$
"92 City FM"
0954 quick scan--all Winnipeg FMs, except no
CHWG 103.1, most in \$!!

8/4 Es

1023 KIDX 98.5 MT Billings, "...downtown
Billings", MDT time check
Es
1024 CKSB8 99.5 MB Brandon, FF, overriding
"local" circuit on rcvr.; (one could cook an
egg w/signal!?)

1000 CKX 96.1 MB Brandon, "KX-96 weather
For S. Manitoba..."

8/4 Es

1030 CBWV 105.3 MB Baldy Mtn., Donphin,
assumed, "CBC nx.", fading "ms" like
1042 KRRE 92.1 ND Dickinson, "...in Dickinson."
1044 KYYY? 92.9 ND Bismarch, "Y-93, non-ID

1002 KEYA 88.5 ND Belcourt, ND nx

1004 KNPR 88.9 ND Minot, ND nx

1006 KMHA 91.3 ND New Town, nx on Yupic

theatre, ID, tearing up KNIB, is on air

So, FM DX does exist in California, outside the East Bay!

Tom Mancuso, 5615 Inwood St., Hyatts, MD 20785

7/6 tr

1150 WZST 102.7 VA Appomattox, 1cl WXYV
"letting tubes cool off" on a Sun. night.

8/20 tr

1700 WAAI 100.9 MD Hurlock From Kend Is.,
just over (east of) Bay Bridge. within 50 mi.
triangle, but not 25 mi. radius.

A couple days later I heard local shock-jock "the Greaseman" taking a call from an eastern shore listener saying a new station has been cutting down their coverage (WDC 101.1). He proceeded to do a skit in which he took off from an air force jet and fired on, CONT...

their tower, napalming the countryside in the process! Still looking for help IDing Fr. or a "t" time Fr. speaker on 95.9 (TX, LA, MS)

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

8/18 Es 1531 WLFQ 89.3 SC Greenville, ID, g

The cable broke just below the rotor on my antenna, so I expect to be out of much action for a while. Rather than normal wear, the breakage seems to be connected to a thunderstorm setting the rotor into constant motion. Otherwise, I don't know what happened.

In the Sept. SPM a page mix up happened. Page 47 should be p. 46 and 46 should be 47.

Jim Pizzi, 814 Brookhill, Paso Robles, CA 92346

5/1 Es
1825 KMGZ 95.3 OK Lawton, Magic 95, ads
1901 KDEY 94.3 TX Seymour, All new KSEY
2059 KTEP 88.5 TX El Paso, calls

6/20 Es
1341 KHFL 90.5 SO Cd. Obregon, ID
1351 KLPX 96.1 AZ Tucson, ads
1353 KRQQ 93.7 " "
1354 KJYK 94.9 "
1354 KILM 99.5 "
1355 KCMG 98.3 AZ Marana, SS, L
1358 KUAT 90.5 AZ Tucson, c
1400 KFLR 90.3 AZ Phoenix, ID

6/24 Es
1020 KKRK 107.3 KS Wichita, calls
1023 KBYR 97.3 OK Weatherford, ads
1030 KWB1 91.1 CO Denver, calls

7/8 Es
1116 KLTO 94.7 TX El Paso, ID
1117 KLAQ 95.5 " "
1119 KBNA 97.5 "
1120 KISM 99.9 "
1139 KWKS 94.3 KS Winfield, r, 94 WKS
1144 KCM1 96.9 NE Terrytown, calls
1145 KNEB 94.1 NE Scottsbluff, k
1145 unID 103.3 "Force 103"
1155 KQSK 97.5 NE Chadron, ads
1157 KSDZ 95.5 NE Gordon, ads, k, mono
1201 KPLO 94.5 SD Reliance, calls
1320 KBL1 99.5 MT Helena, ads, calls
1324 KQUY 95.5 MT Butte, "Y-95, Butte's Music Station"

1326 unID 102.9 xlator??, cat country wx, Y99
1327 GHFA1 104.3 AT Lethbridge, FF
1330 CKUA 99.3 AT Lethbridge, access net. ID
1331 KOPI 103.9 MT Kalispel, ads, r
1335 KMSO 102.5 MT Missoula, b mx
1336 CKRY 105.1 AT Calgary, k
1339 CKIK 107.3 AT Calgary, prog.
1340 CILA 107.7 AT Lethbridge, r
1343 CKO5 103.1 AT Calgary, sports nx
1346 KZMT 101.1 MT Helena, Z-101, calls
1348 CJAY 92.1 AT Calgary, r
1350 KIYS 92.3 MT Boise, Kies FM
1354 KDXT 93.3 MT Missoula, XT-93, ads

7/11 Es
0901 KTEO 93.9 TX San Angelo, wx, calls, k
KBIL 92.9 " "
KIKY 94.7 " , r
MGKL 97.5 " , ABC nx
0913 RELI 98.7 " , EL
KZII 102.5 TX Lubbock, Z102, wx
KRLE 99.5 TX Lubbock, r
KPLZ 99.5 TX Ft. Worth, k
WRR 101.1 TX Dallas, r
0920 KSNY 101.7 TX Snyder, ads, calls
0921 KJME 100.3 TX Dallas, Jam 100.3
0927 KOJO 94.1 TX Ft. Worth, ads
0928 KATX 97.3 TX Plainview, k
0936 KLUR 99.9 TX Wichita, calls, k

7/11 Es
0937 KQVW 103.3 TX Wichita Falls, ads
0955 KACC 106.9 OK Clinton, calls
1000 KRTR 94.3 NM Raton, calls

7/22 Es
1851 KVRP 95.5 TX Haskell, ads
KLLL 96.3 TX Lubbock, ads
KPMX 94.5 " "
KRLE 99.5 "
KSEY 94.3 TX Seymour, ID
1859 WIBW 97.3 KS Topeka, ID
1900 KIKY 94.7 TX San Angelo, ID, Kixie
1902 KJCK 94.5 KS Junction, ID
1904 KVCY 101.7 KS Ft. Scott, g
1904 KHOK 100.7 KS Holsington, r, ads
1909 KZOR 94.1 NM Hobbs, calls
1910 KMTX 98.7 NM Maljamar
1911 KELI 98.7 TX San Angelo, ads
1918 KTEO 93.9 TX San Angelo, ads

KWML 103.3 TX Midland, EL
KEAN 105.1 TX San Angelo, k
1923 KODM 97.9 TX Odessa, FM 98, ads
1924 KKOW 96.9 KS Pittsburg, tent, 97 Gold FM
1929 KGRL 97.5 TX San Angelo
1929 KORQ 100.7 TX Abilene, ads
KIOL 100.3 TX Lamesa, tent., r
1932 KFKF 94.1 KS Kansas City, KC wx, k
1945 KHEY 96.3 TX El Paso, calls
1946 KISM 99.9 TX El Paso, r
1948 KPAS 103.1 TX Fabens, SS, L
1952 KLAQ 95.5 TX El Paso, ads
1953 KLTO 94.7 TX El Paso
2004 XHSG 99.9 CL Piedras Negras, SS, L

8/6 Es
1224 KWB1 91.1 CO Morrison, tent. g
1235 KBGO 97.3 CO Boulder, tent., g rock
Using a Realistic DX 440 and GM radio in my car for DX. Did manage to catch a few good Es openings, KFKF a surprise. Can't have outside antenna at my QTH. Will try building some quad loops when I get time. Best of DX.

SOME ABBREVIATIONS USED IN SFM:
r- rock
g-gospel
b-beautiful music
k-country and western
nx-news
\$-stereo
ID-station identification
c-classical
FF-French
SS-Spanish
wx-weather
J-jazz
ms-meteor scatter propagation
tr-tropospheric propagation
QSL-written station reception confirmation

4th D. Pugh, 227 Martin St., New Hope, AL 35760

Equipment: Onkyo T-9090, \$Probe 9 at 30'

7/1 Es
940 KICX 95.9 NE McCook, ads, old rock
940 KYEZ 93.7 KS Salina, KY Country 94
944 KQMA 92.5 KS Phillipeburg, ID
9959 KTCL 93.3 CO Fort Collins, ad, ph call
1031 KRLN 103.9 CO Canon City, ads/Pueblo, k
1052 KSTR 96.1 CO Montrose, rp?, k-star
1101 K237CN 95.3 KS Atwood, "KANZ-KZNA" xltr (new to air)

1258 WNEB 93.1 TN Alamo, b, "EZ-93", \$
8/3 Es (on car FM in New Hope)
1319 KDAL 95.7 MN Duluth, wx/twin ports, local ref.

1321 WTBX 93.9 MN Hibbing
1330 KVOX 99.9 MN Moorhead, "K-100"
1348 KXXY 96.1 OK Oklahoma City, "KXY" (Back at home QTH w/Onkyo)
1422 KUNC 91.5 CO Greeley
1434 KVOID 99.5 CO Denver
1439 unID 91.9 "T-92", p, \$

8/4 tr
1103 WAXM 93.5 VA Big Stone Gap, many ads
8/6 Es
1021 KQSK 97.5 NE Chadron, old r, \$
1022 KRQU 102.9 WY Laramie
1024 KAAQ 105.9 NE Alliance, "kq-106"
1036 KMGN 93.9 AZ Flagstaff, ID

Matt Sittel, P. O. Box 21441, Raleigh, NC 27607

7/7 Es (Kingsport, TN DX)
1901 MWSQ 94.5 ME Ellsworth, ID 931
7/9 Es
1128 WZEF 92.9 VT Burlington, calls 743
1150 WJMF 93.3 PQ Quebec, "Quatre Vingt Treize" 927
1159 CBV 95.3 PQ Quebec, Zadro-Canada, ID
1159 CBF 100.7 PQ Montreal 783

7/10 Es
1034 KSYN 92.5 MO Joplin, "Joplin's Music Leader" 666
1037 KGLS 93.1 KS Pratt, calls 897
1300 KIJN 92.3 TN Farwell, calls, ID 1161
7/15 tr
0158 WFLN 90.3 TN Nashville, ID 246

7/16 tr
0146 WGGQ 107.3 GA Columbus, calls 313
7/17 tr
0107 WQSB 105.1 AL Albertville, calls 256
7/18 Es
2100 WBSN 89.1 LA New Orleans, calls 627
2103 WQVE 93.3 LA New Orleans, Q93 627
2117 KQKI 95.3 LA Bayou Vista 688
2123 WKJN 103.3 LA Hammond 612
2125 KQXL 106.5 LA New Roads 648
2133 KBAU 94.3 LA Galliano, Bayou 94 663
2136 KSMB 94.5 LA Lafayette, calls 702
2147 KBFM 104.1 TX Edinburg, ad 1167

7/22 Es
1135 KSYX 95.7 CO Denver, calls, Sunny
1137 KTCL 93.3 CO Fort Collins, calls 1249
1139 KCSU 90.5 CO Fort Collins, calls 1242
1148 KRFM 96.1 NE Omaha, "Lite 96" 797
1148 KSOI 96.1 CO Greeley, "K-Sky" 1232
1154 KKAZ 100.7 WY Cheyenne, ID 1242
1210 KMOR 92.9 NE Scottsbluff, calls 1206
2156 KQIZ 93.1 TX Amarillo, "Z93" 1116
2205 KKIK 93.7 TX Lubbock, "Kick" 1116
2206 KLLL 96.3 TX Lubbock, "K-Triple L"

8/11 ms (taped 2310+)
23?? unID 94.9 "Kix 94 w/a certified oldie"
23?? WVIC 94.9 MI E. Lansing "WVIC"
23?? WPKR 94.9 VA Roanoke, b, ID (via tra)

8/12 ms
00?? KGGO 94.9 IA Des Moines, call
00?? WQMX 94.9 OH Medina, ".Point 9WQMX"
00?? WVIC 94.9 MI El Lansing, ID, slogan
0545+ unID 94.9 "Hot and fresh Y-95", "United H. School"
2300+WKQC 98.1 MI Saginaw, "98FM KQC" ex 106.3

8/14 gw
2119 WZZD 106.7 MS New Albany, k, "Wizard 106"
8/15 ms
00?? WIVY 102.9 FL Jacksonville, "The NFL is coming to J'ville..."

8/18 Es
1715 KDCR 88.5 IA Sioux Center, wx
8/25 Es
1916 WALZ 95.3 ME Machias, ads
1921 WMGX 93.1 ME Portland, ID
8/28 tr
2320 WQXE 100.9 KY Elizabethtown, r, ID
8/30 tr
1707 WFBQ 94.7 IN Indy, ID, "Q-95"
2101 WSNY 94.7 OH Columbus, ID, prev. ms
2121 WLLL 90.9 IL Urbana, c, ID 73 365

7/22 Es
2209 KRLB 99.5 TX Lubbock, "FM 99" 1116
2210 KTEZ 101.1 TX Lubbock, calls
2220 KZOR 94.1 NM Hobbs, calls 1204
2223 KZII 102.5 TX Lubbock, "Z102" 1116

7/25 Es
1111-1208 3 unIDs noted
7/28 Es
2145 KCND 90.5 ND Bismarck, "Prairie Public R." 1179
2148 KDFR 88.9 ND Dickinson, sz KCND 1269

7/30 tr
0201 WVLK 92.9 KY Lexington, ID 162
0207 WLAP 94.5 KY Lexington, "Power 94 1/2"
0208 WKQQ 98.1 KY Lexington, "Double Q"
7/31 Es
1100 KUNM 90.1 NM Albuquerque, xltr ment. 1361
1104 KSCS 96.3 TX Fort Worth, calls 887
1106 KORQ 100.7 TX Abilene, calls, Q-101 1026
1107 KVRP 95.5 TX Haskell, calls 1088
1118 KKKK 99.1 TX Odessa, ad 1182
1131 KNFM 92.3 TX Midland, calls 1174
1132 KBL1 92.9 TX San Angelo, calls 1088

8/18 Es
0954 KGLS 93.1 KS Pratt, wx for Hutchinson
1002 KDCK 95.5 KS Dodge City, ad 970
1231 KZFM 95.5 TX Corpus Christi, Z95 1055
1233 KLTC 96.5 TX Corpus Christi, calls
1239 KWVS 97.5 TX Kingsville, ad, wx 1096
1259 KUHF 88.7 TX Houston, ID 878
1259 KKED 90.3 TX Corpus Christi, ID 1055

1302 unID 89.9 ?? address for Guatemala
1336 KEAS 97.7 TX Eastland, ad 973
1340 KBIT 92.9 TX San Angelo, All Hit Radio
1357 KACU 89.7 TX Abilene, calls 1026
1405 KKAJ 95.7 OK Ardmore, calls 842
1409 KIGE 94.5 TX Gainesville, 94.5 The Edge
1413 KRDM 96.5 OK Ardmore, ad 842
1415 KVRP 95.5 TX Haskell, calls 1008

CONTINUED next month.....

FOR DXers in: ME, MA, RI, CT, VT, NH, NY, PA, NJ, MI, OH, IN, IL, WI, IA, NE, MN, ND, SD, NE, WY, IA, ID, UT, OR, WA, MT, HI, AK, and Canada.

OCTOBER 1989

DEADLINE: THE 1ST

This month's column shows an active July for E-skip, with the beginning and end of the month being the best. An above normal amount of E-skip, and some good tropo, seem to have taken place in August. Let us know how September was for you! Do you like the new "look" to Northern FM DX? I am using a Mac Laser Printer. Let me know which style you like the best, or if I should continue to rotate them. I am sorry to say I must move the deadline to the first of the month, due to less time available. Sorry.

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

From Orillia (1989):

JUNE 15 ES

1100 **WRMB** 89.3 FL Boynton Beach
1104 **WMCU** 89.7 FL Miami
1105 **WNGS** 92.1 FL West Palm Beach
1110 **WBVM** 90.5 FL Tampa
1115 **WSFP** 90.1 FL Fort Myers

JUNE 18 ES

0940 **WBVM** 90.5 FL Tampa
1010 **WCMQ** 92.3 FL Hialeah

JUNE 29 ES

1115 **KOEZ** 92.3 KS Newton
1136 **KHCD** 89.5 KS Salina
1220 K 90.5 KS // 91.1 KUNC
(Saul, are you sure it wasn't // KANZ, in that case
it would likely be KZNA Hill City, KS-gc)

1225 **KIDA** 92.7 IA Ida Grove
1237 **KUSD** 89.3 SD Vermillion

JULY 3 ES

2032 **WMXQ** 94.3 or 5
(This is Riviera Beach, FL on 94.3-gc)
2033 **WCMQ** 92.3 FL Hialeah
2035 **WLVE** 93.9 FL Miami
2035 **WXTC** 96.9 SC Charleston
2038 **WKGR** 98.7 FL Fort Pierce
2040 **WMMZ** 93.7 FL Ocala
2045 **WZTA** 94.9 FL Miami Beach
2058 **WRME** 97.9 FL Palm Beach
2058 **WKRL** 97.9 FL Clearwater
2059 **WLIS** 88.1 FL Bradenton
2111 **WBYZ** 94.5 GA Baxley

JULY 4 ES

1710 **WKX?** 92.1 Cozy Country
(WKZY La Belle, FL???-gc)
1712 **WCVL** 94.5 FL Naples
1715 **WLSE** 90.9 FL Naples
1716 **WHIS** 96.5 FL Orlando
1718 **WQYK** 99.5 FL St. Pburg
1723 **WRGI** 93.5 FL Naples

(No doubt you heard them with the
laser mention but legal calls are

1937 **WRAS** 88.5 GA Atlanta
1940 **WESU** 91.5 FL Tallahassee
1942 **WPAP** 92.5 FL Panama City
1953 unID 98.9 All New Lite Rock 99 FM
(very possibly **WBGm-Tallahassee-gc**)
1957 **WJGA** 92.1 GA Jackson



JULY 4 ES cont.

now **WLAZ**, per FCC FM News-gc)
1735 **WSHE** 103.5 FL Ft. Lauderdale
1738 **WCAT** 106.7 FL Leesburg
(calls are WHLY, hence, Y-106-gc)
1739 **WQBA** 107.5 FL Miami
1740 **WJSY** 106.7 FL Ft. Lauderdale
1741 **WYAY** 104.1 SC Conway
1743 **WEZY** 94.1 FL Lakeland
1748 **WMXJ** 102.7 FL Pompano Beach
1750 **WXTG** 96.9 Charleston
1754 **WZZR** 92.7 FL Stuart
1755 **WELZ** 93.3 FL Tampa
1802 **WAYJ** 88.7 FL Fort Myers
1806 **WSGY** 100.3 GA Tifton
1809 **WAVW** 105.5 FL Vero Beach
1815 **WRMF** 97.9 FL Palm Beach
1816 **WZTA** 94.9 FL Miami Beach
1803 **WCMQ** 92.3 FL Hialeah (oops-gc)
1829 **WDJY** 103.3 FL Bradenton.
1831 **WBVM** 90.5 FL Tampa
1840 **WYNE** 94.9 FL Tampa
1842 **WMMZ** 93.7 FL Ocala
1844 **WBWJ** 105.1 FL Orlando
1847 **WRBQ** 104.7 FL Tampa
1851 **WUSA** 100.7 FL Tampa, W-101
(Saul, note calls-gc)
1852 **WTKT** 98.5 FL Crystal River
1854 **WQVJ** 95.5 FL Fort Pierce
1858 **WRWA** 88.7 AL Dothan
1900 **WMNF** 88.5 FL Tampa
1903 **WQIK** 99.1 FL Jacksonville
1910 **WIRK** 107.9 FL West Palm Beach
1911 **WDZ** 100.3 FL Orlando
1912 **WWKA** 92.3 FL Orlando
1913 **WTNI** 94.9 FL Tallahassee
1924 **WRXK** 96.1 FL Bonita Springs
1926 **WWLV** 94.5 FL Daytona Beach
1928 **WNKS** 102.9 GA Columbus
1929 **WRMB** 89.3 FL Boynton Beach
1930 unID 96.1 "The new lite 96.1..."
(Raleigh, or maybe Jacksonville?-gc)
1932 **WWBA** 107.3 FL St. Petersburg
(calls now are **WWRM-gc**)
1958 **WSFP** 90.1 FL Fort Myers
1959 **WCKW** 92.3 LA LaPlace
2026 **WYEB** 90.5 FL Gainesville

JULY 4 TROPO

2051 **WNYZ** 98.7 NY Utica



SAUL CHERNOS' REPORT - CONTINUED

JULY 5 TROPO

0745 **WCPN** 90.3 OH Cleveland

JULY 18 E-SKIP

1735 **KSMB** 94.5 LA Lafayette

1759 **WMA** 90.3 MS See Notes

1800 **KLSA** 90.7 LA Alexandria

JULY 25 E-SKIP

1048 **WMBR** 90.1 MS Jackson

1050 **WMA** 90.3 MS See Notes

1051 **WMAW** 88.1 MS Meridian

1054 **WCKW** 92.3 LA LaPlace

JULY 31 E-SKIP

1047 **KEIR** 88.9 TX Commerce

1057 **KZPS** 92.5 TX Dallas

1100 **KERA** 90.1 TX Dallas

1901 **KILL** 90.1 SD Porcupine

1903 **KINI** 96.1 NE Crookston

DX FROM BURNT RIVER, ONT (1989)

JULY 4 TROPO

1005 **CJXX** 106.5 ON Owen Sound
(Saul, I think these are the calls-gc)

1015 **WERW** 88.1 NY Webster

1052 **WAIR** 92.5 MI Atlanta

JUNE 4 METEOR BURST

1100 **KFBX** 102.7 NE Lincoln

JUNE 26 TROPO

0120 **CIGM** 103.1 ON London

JULY 20 TROPO

1645 "95X" 95.3 Central NY area
(probably **WGIX** Gouverneur, NY-gc)

1652 **WERG** 96.1 NY Rome

1707 **WBSU** 89.1 NY Brockport

1713 **CFRC** 91.9 ON Kingston



Skip non-existent until mid to late June for me, and decent tropo seemed to kick in in mid-July. But I'll rate this an above average season for Es and about average for Tr. For Tr, the best is yet to come. I would hope. The only thing missing has been Canadian and especially Maritime Es, and double hop. A few comments on what I've heard: June 4 MS, I heard "The New 102.7 KFRX." June 29, a station on 90.1 to 90.5 gave KUNC 91.1 Garden City in ID (Calls are KANZ-gc) but I missed the rest (this is KZNA 90.5 Hill City, Kansas-gc). (Saul, I commented on the rest of your unIDs at the individual loggings) July 12, 89.1 has both **WQUB** and **WQUC**. I'm not sure yet which I will count (I count **WQUC**, if being the closer one-gc). July 18, 90.3 with **PRM** (MS Public Radio), two possibilities. It happened again July 25. Also, **CFRC** Kingston, ON on 91.2 which I guess means they haven't yet moved to 101.9.

This is **KC/93** Country!

Casey Broadcasting, Inc. • P.O. Box 1171
St. Marys, Georgia 31558

JULY 21 TROPO

2035 **WSNY** 94.7 OH Columbus

2100 **WGLE** 90.7 OH Lima

2155 **WKBN** 98.9 OH Youngstown

JULY 22 E-SKIP

1150 **KSBJ** 89.3 TX Humble

1200 **KZRK** 94.5 TX Gainesville

1230 **KOEM** 88.3 TX Mesquite

JULY 23 TROPO

2310 **WJGS** 98.5 MI Houghton Lake

(I heard this on August 29 with calls

WUPS, so they must have just

recently changed calls-gc)

JULY 24 TROPO

0100 **WGLE** 90.7 Lima

0600 **WIAA** 88.3 MI Interlochen

0607 **WEOZ** 94.3 PA Seagertown

1051 C 102.7 PQ Val D'Or

1059 **CBF9** 91.9 PQ Mont-Laurier

1113 **CKMF** 94.3 PQ Montreal

JULY 24 E-SKIP

1733 **WJSU** 88.5 MS Jackson

AUGUST 2 TROPO

2315 **WMBI** 90.1 IL Chicago

2330 **WHAD** 90.7 WI Delafield

2331 **WPNE** 89.3 WI Green Bay

AUGUST 3 TROPO

0030 **WFBQ** 94.7 IN Indianapolis

0107 **WBCL** 90.3 IN Fort Wayne

1028 **WYIZ** 94.7 IL Chicago

0658 **WKLQ** 94.5 MI Holland

0720 unID 89.1 CDT NPR Deerfield

FROM BRANTFORD, ON (1989)

JULY 7 E-SKIP

1040 **WKPX** 88.5 FL Sunrise

1832 **ZBM** 89.1 BER Hamilton

1900 94.9 8PM Starlite Concert

(This was Bermuda, ZFB are the calls,

I believe-gc)

2100 **WRMB** 89.3 FL Boynton Beach

2103 **WCTH** 100.3 FL Plantation Key

2105 **WXCR** 92.5 FL Safety Harbor

2112 **WFOW** 92.5 FL Key West

JULY 8 TROPO

1315 **WMCE** 88.5 PA Erie

FROM TORONTO (1989)

JULY 12 TROPO

0000 **WQUB** 89.1 OH See notes

AUGUST 2 TROPO

0630 **WRKT** 101.1 ?? r, see notes

SAUL CHERNOS' REPORT - continued

July 24, Val D'Or calls seem to be CJMV. July 31, KILI and KINI had Native American Indian drumming and KINI had the Red Bull singers from Saskatchewan. I wish more Indian music was broadcast in North America. It sure beats the pop slop multinational corporations say we want to hear. August 2, WRKT...are these new calls for Detroit or Youngstown or something? (Saul, what you heard was 100.9 WRKT North East, PA, ex: WHYP-gc). I guess that's about it for now. I was hoping to drop in at Syracuse, but my weekend got all bungled up. My hats off, anyway, to those who made the convention happen and to everybody else who makes WTFDSA one of the better non-profit organizations in town. 73's Saul

ALAIN PEPIN - 234 RUE MONTCALM - ST-JEAN-SUR-RICHIEU, QUEBEC J38 3N8

Equipment: Lloyds stereo, rooftop TV antenna with rotor, Archer amplifier. Delco car radio (between St.Jean and Montreal). Distances are in km.

JULY 4 E-SKIP

- 1705 WAPE 95.1 FL Jacksonville, "95 WAPE" with rock music by John Mellencamp **1817**
- 1712 WAVV 101.1 FL Marco, "WAVV The Wave with soft rock music" **2275**
- 1715 WQHL 98.1 FL Live Oak, "If you like country you'll love WQHL - Q 98" **1870**
- 1717 WPIQ 101.5 GA Brunswick, "2nd annual 101-Q lip sync contest", mentioned Brunswick Floral Co., also Butler's at Jeckyll Island Club, wx 88, jingle **1720**
- 1722 WYKS 105.5 FL Gainesville, Current temp 82 in Gainesville at "Kiss 105", local ads ment. Butler and Pic and Save plaza, "Kiss 105" with another super sweep of back to back hits" **1824**
- 1729 WRUF 103.7 FL Gainesville, 84 in Gainesville at "Rock 104" with a "2 for tuesday" music feature, sports items. **1904**
- 1730 WGEC 103.9 GA Springfield, "write WGEC-FM, PO Box 15267, Savannah 31406" **1932**
- 1732 WKTM? 101.7 GA Soperton, ads for Brantly Carpet City, Visalia and Swainsboro Lincoln Mercury, anti drug rap song: "Self Destruction", no ID was given **1847**
- 1741 WGLF 104.1 FL Tallahassee, ad for Mardi Gras Limousine serving Tall., "Gulf 104 remembers the 60's": "Good Day Sunshine" by the Beatles **1690**
- 1743 WCEH 103.9 GA Hawkinsville, ph# 222-WCEH in Hawkinsville" for Swap Shop program. **1690**
- 1744 WXRS 103.9 GA Swainsboro, ad mentioned Swainsboro, Feature: "Escape to the Outdoors" with Bob Denver, WXRS-FM jingle, WCEH mix **1617**
- 1745 WSTI 105.3 GA Quitman, "Star FM" jingle Music: "Uptown Girl" **1840**

JULY 4 E-SKIP CONTINUED

- 1859 WHMA 100.5 AL Anniston, "Your official country music station, WHMA -FM Anniston/Gasden, 100.5 FM, the best music in Dixie, Alabama 100" **1680**
- 1900 WHIL 91.3 AL Mobile, "This is WHIL in Mobile, 91.3 FM, Classical Radio for the Gulf Coast." **2005**
- 1901 WQID 93.7 MS Biloxi, Summer song montage, "93.7 QID" **2122**
- 1902 WYNF 94.9 FL Tampa, "95-YNF" with 40 min of non-stop rock **2097**
- 1913 WKMX 106.7 AL Enterprise, "Max 106.7 WKMX Enterprise/Dothan/Americus original Maxdun music station", syndicated program: Born in the USA **1900**
- 1918 WHER 103.7 MS Hattiesburg, "News, sports, weather, and your favorite music, 24 hrs a day, we're Eagle 103" **2080**
- 1919 WKJN 103.3 LA Hammond, broadcasting live on Kaju 103, ads **2220**
- 1922 WYEE 103.3 GA Atlanta, "V-103" with contest promo took over the frequency **1587**
- 1923 WSYA 103.3 AL Montgomery, WSYA jingle snuck in between WVEE /WKJN **1820**
- 1943 WLVE 93.9 FL Miami Beach, "Love 94" with British accented DJ **2233**
- 1950 WGTR 97.3 FL Miami, "97 GTR Rock and roll animal kit" giveaway **2233**
- 2002 WGGZ 98.1 LA Baton Rouge, "Z98 is the #1 hit music station, WGGZ Baton Rouge Music: "Easy Lover" by Phil Collins **2276**
- 2008 unID 96.5 "Q-96 FM, QIZ never plays as much continuous rock and roll, lock it in at 96.5 QIZ-FM"

JULY 5 E-SKIP

- 1855 KUDL 98.1 KS Kansas City, skyview traffic with Bumper Bob Douglas, ID "kicking off 30 minutes of continuous music on 98 KUDL" Music: Happy Together" **1876**
- 1900 WAJK 99.3 IL LaSalle, jingle: "WAJK LaSalle, W-A-J-K" **1363**
- 1901 KKFI 90.1 MO Kansas City, "KKFI Kansas City, MO, your full spectrum community radio station" **1578**
- 1901 WXEZ 100.3 IL Chicago, "6 o'clock on WXEZ-AM and FM Chicago", MoR music EZ satellite forecast: currently O'Hare 86 Midway 88, and Lakefront 74 degrees **1213**
- 1904 KOPN 89.5 MO Columbia, address for KOPN community calendar **1714**
- 1906 KBKB 101.7 IA Fort Madison, "In the river cities, 89 at KBKB" jingle: "The best songs, KBKB", female DJ **1560**

- 1748 WINT 94.9 FL Tallahassee, "Dynamite Country TNT" with DJ Bill Kelly, weather calls for evening thunderstorms, 83 in "TNT Country" **1890**
- 1754 WQYK 99.5 FL St.Petersburg, Tampa ad **2110**
- 1800 WXVS 90.1 GA Waycross, "Peach State Public Radio" with list of stations. **1750**
- 1827 WHEW 101.9 FL Fort Myers, "WHEW" calls IDed by female DJ, briefly **2186**
- 1830 WKGC 90.7 FL Panama City, More info about programming at phone 769-5241, "This is WKGC-FM Panama City, your arts & information strn" **1960**
- 1851 WKHX 101.5 GA Marietta, "Kicks 10 1.5 FM Atlanta's Country Leader" **1537**
- 1856 WKNN 99.1 MS Pascagoula, "K-99 FM three day forecast" by Carol O'Connoe, ID: For the beautiful MS Gulf Coast 99.1 WKNN Pascagoula, Biloxi, Gulfport, Your country connection, K 99.1 FM" **2120**



Alpine Broadcasting Corp.
11800 Tamiami Trail East
Naples, Florida 33962

REPORT TO NORTHERN FM DX!!!

ALAIN PEPIN'S REPORT - continued

JULY 5th E-SKIP continued

- 1907 WBNQ 101.5 IL Bloomington, jingle: 101.5 WBNQ, rock music **1380**
- 1911 KMZU 101.1 MO Carrolton, "KMZU listening post" feature, mention area business that listens to KMZU. Addr: KMZU 102 North Mason Carrolton, MO 60633 **1780**
- 1927 WLLR 101.1 IL East Moline, promo for GMC truck country showdown July 18 at Rock Island county fair, jingle: "WLLR" **1446**
- 1930 WNIU 89.5 IL DeKalb, ment Rockford, "89.5 WNIU, weather by YL" **1298**
- 1937 KCRK? 96.5 IA Cedar Rapids, KCRK, mention of Cedar Rapids **1304**
- 1940 KITX 92.1 IA Fort Dodge, Kiss 92, mentioned Fort Dodge, Iowa, tentative **1700**



JULY 7 E-SKIP

- 1900 WPIQ 101.5 GA Brunswick, "Coastal GA and N.Fla's all hits 101.5 FM WPIQ Brunswick, St. Simons Island, your summer concert conn. **1720**
- 1901 WIXV 95.5 GA Savannah, "I-95 WIXV Savannah with rock music" **1838**
- 1914 WDIZ 100.3 FL Orlando, promo for the "DIZ Morning Show" and lost episodes of "Mayberry Vice" on Orlando's rock and roll station DIZ" **1978**
- 1919 WPCV 97.5 FL Winter Haven, "central Floridas country music station, 97 country." **2060**
- 1920 WRNS 95.1 NC Kinston, calls, ad for new Blockbuster Video Store **1174**
- 1928 WQCS 88.9 FL Fort Pierce, "WQCS Fort Pierce ID and classical music." **2030**
- 1930 WOVV 95.5 FL Fort Pierce, ad for Qutvver surf shop, **2097**
- 2001 WMNF 88.5 FL Tampa, letters to WMNF, 1210 East Buffalo Ave, 336063 **2097**
- JULY 9 E-SKIP**
- 1220 WZOK 97.5 IL Rockford, "97ZOK" heard while heading for Montreal. **1305**

BILL NIENAJADLY - 98 HIGHLAND AVE - CLIFTON, NEW JERSEY 07011

JULY 24 TROPO

- 0950 WRSR 98.1 MA Worcester, ID, "lame format" (This is what Bill thinks of soft rock-gc) **180**
- and WLNG 92.1, WPLR 99.1, and New England strong **2305**
- A.City and S.Jersey local strength, WZXL 100.7, WOBM 92.7, etc, AC (Atlantic City-gc), 104.9, 99.3, 96.9, 103.7, 95.1 local like then stronger **2307**
- WSJT 102.3 NJ Cape May, ID, very rare here They were at local strength!! **150**
- 2332 WBNJ 105.5 NJ Cape May Courthouse, ID finally!!!, Much Wanted!!! **155**

JULY 24 TROPO Cont.

- 2336 WQHO 104.7 MD Ocean City, ID **188**
- AUGUST 4 E-SKIP**
- very brief, muf 95.1
- 1832 KWOA 95.1 MN Worthington, ID KO95
- 1835 KDOM 94.3 MN Windom, TENTATIVE ment. Worthington, Windom is nearby nothing else to go on.
- Several Minn Pub. Radio and NPR ed band
- AUGUST 14 TROPO**
- 0058 WFMZ 100.7 PA Allentown, rarely heard here due to WHUD..

Thanks to Bob Smolarek and Joe Fela for trop tip, a damn good opening! Sorry to all that I couldn't make it to Syracuse, transportation problems and job obligations, etc. Oh yes, July 22 MUF 6 possible FM here! I heard this was a good opening elsewhere, just rapid fading and gone couldn't tell MUF on FM. WBNJ is "new age" calling themselves "Joy 105" (That's weird, I've never heard a new age station use Joy before-gc), not really "lame" (ad.con-gc), more like "B" (Elving uses "mj" or "rj" for new age-gc) GOODXing!, Bill TOTALS 268 Whoopee!

WELCOME NEW REPORTER!!!

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA CANADA V0S 1E0

(604) 537-5201, Time: PDT
EQUIPMENT: Sansui SX-1070 Digital readout receiver, Toshiba SA-500, Kenwood RZ-1, channel 6 trap ANTENNA: Linsday GA-10FM 10 element yagi at 57' AGL ASL, Alliance U-110 rotor.

JULY 4 E-SKIP

- 1817 KPRQ 100.9 UT Price, local ad
- 1820 unID 103.9, thought I heard mention of Salt Lake City (possibly translator?)
- 1822 KTRA 102.1 NM Farmington, over CBUF wxlr
- 1824 KNYN 95.5 NM Santa Fe, k\
- 1828 KANW 89.1 NM Albuquerque, heard ID
- 1830 KRST 92.3 NM Albuquerque, Crest Country nonID
- 1834-1837, "curtain" kept shifting with multiple stations on top of one another unIDs 95.5, 94.7, 95.3, 102.3, 107.1/3
- 1844 KKORt 94.5 NM Gallup, thought I heard "Core"
- 1850 KTDB 89.7 NM Ramah
- 1854 KQAZ 101.7 AZ Springerville, tentative
- 1900 KNAU 88.7 AZ Flagstaff, legal ID
- 1902 KZZZ 94.7 AZ Kingman, mindless soft rock
- 1904 fade out

JULY 21 TROPO

- 0706 KKBC 95.3 OR Baker, local weather, surprising for a class A!! A rare treat!!
- 0709 KRBM 90.9 OR Pendleton, ment of N.Oregon
- Didn't do much DXing during July due to death in family

(My condolences-gc)
AUGUST 4 E-SKIP

- best yet Summer 89
- 0907 first noted channel 4
- 0920 NEB on channel 3
- 0922 KHCC 90.1 KS Hutchinson, c music, full quieting\$
- 0924 KZNA 90.5 KS Hill City, Multi-ID w/KANZ & others
- 0924 KANZ 91.1 KS Garden City, confirmed ID of // 90.5
- 0929 KICT 95.1 KS Wichita, album rock/CHR \$
- 0934 KZSN 102.1 KS Hutchinson, "Kissin FM 102"
- 0940 KDCK 95.5 KS Dodge City, mentions of Dodge City into ads.

MIKE CHERRY'S REPORT - continued

AUGUST 4 E-SKIP cont.

1018 unID 89.9 rock (beam aimed at CO, KS, OK, NM, not KRPS Pittsburg, KS)

1030 KEPC 90.5 CO Colorado Springs, garage rock, ID by YL anncr, more rock

1032 KTLF 89.7 CO Colorado Springs, g contemporary Christian AC \$ with great signal

1037 KCRT 92.5 CO Trinidad, ment. Trinidad, over secondary local KLSY.

1038 KWBI 91.1 CO Morrison, ment of Denver

1041 KRYT 107.9 CO Pueblo, finally

MUF drops below FM, concentrated on ch 3/4 DX. Returns to FM 1012 am, KJLS 103.3 KS Hays, "Power 103"

FM now very noisy with battle between XL-108 (KZZL 107.9 Great Bend, KS and KRYT 107.9 CO Pueblo - IDed both, similar battles on 103.1, 95.3, 90.7, all unID.

1044 KSCB 107.5 KS Liberal, "KSCB-FM"

1045 KOFM 103.1 OK Enid, was playing

_ easy listening music (b)

1048 MUF dropped to ch4, NM/CO

stations in. fadeout at 1112.

AUGUST 8 TROPO

1630-?? Super tropo duct - very localized centered between here and Seattle-Tacoma

Pointed beam any direction and even the hard to hear ones were full strength.

Likewise VHF and UHF TV channels

were unusually strong.

2210 KPBX 91.1 WA Spokane, regular

tropo here, \$

2214 KPQ 102.1 WA Wenatche, "Q102"

frequent IDs and CHR, semi-regular tr\$

2216 KFFM 107.3 WA Yakima, "K-

Double-FM", CHR, \$-unusually strong

I must agree with most reporters that 1989 has been poor for Es. Aside from July, I have spent a fair amount of time monitoring and the MUF barely has risen above 75 Mhz. Tr only so-so this spring and summer with mostly regular tr showing up. I've been waiting for some spectacular AE due to the solar flares, disturbed gemoagnetic field but so far results have been dissapointing since the flares of August 15 and 17. Maybe in the next day or two. I'll report in later with my late summer/fall loggings. 73's, Mike Cherry.

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

AUGUST 28 AURORA

2115 WRKR 107.7 MI Portage, "Rock and roll the way you like it" slogan with good signal for aurora

2126 WJZZ 105.9 MI Detroit, several IDs

August goes out with a bang with a super strong but shortlived AU opening. The opening went out almost like a light at @ 2135. These are all the

loggings noted for the month, I have however spent quite a bit of time dial fiddleing despite no notable catches. I have switched the Superradio over

to my 9 element in the attic from the quad loop. I will use this now for the more demanding tropo DX I hope to experience this fall. I enjoyed

meeting all at Syracuse again especially since my last WTFDA outing was Jamestown 1984.

STATION NEWS: WFBF 89.9 in Buffalo has signed on the air with "Family Radio". Poor signal in the Northeast side of town, but no sign of the 92.1 Clarence, NY translator. If it comes on, I am sure I will hear it, since I live in Clarence; it will be my closest local! (-gc). WSGO-FM 105.5 Oswego, NY is now WGES "Star 105". WCIH 90.3 in Elmira, NY is on with religion, seemingly a satellite of WCIK 103.1 Bath, NY. It gets out well; your editor heard it along I-290 in Metro Buffalo near the Univ. of Buffalo Amherst Campus. According to Ralph Strobel several new FMs are on in his vicinity, including WZOM 105.9 Defiance, Oh., WCJC 99.3 Van Buren, Ind., WDMX 100.1 WV Vienna, Wv. (oldies for Parkersburg), and WMC1 101.3 Mattoon, Indiana. WMYS 98.1 in New Bedford, MA is now country.

AUGUST 8 M.S.

2134 2-4 sec burst, jazz on 91.1 Mhz (120')

AUGUST 9 TROPO

2133 KFFM 107.3 WA Yakima, rap and mentions of Yakima, local ad

2015 many MS "pings" longest 4 seconds

AUGUST 11 METEOR BURSTS

All evening-no fewer than 5 pings every 5 minutes. many unIDs (Perseid meteors)

2214 unID 89.1 CBC (Beam 20'), 7 seconds same as local CBU-AM.

2310 KKAT 101.9 UT Ogden, IDed during

11 sec. "ping", longest burst ever on

either TV or FM (over CFUV/CITR)

2319 CKWG 103.1 MB Winnipeg, "...

locations here in Winnipeg...."

AUGUST 12 M.S. (Perseids)

2046 KNOX 94.7 ND Grand Forks,

"Grand Forks has...."

AUGUST 12 M.S. cont.

2252 KBRF MN Fergus Falls (freq?-gc), "Falls,gateway"

2255 KLRZ 95.3 IA Red Oak, "LRZ..."

AUGUST 13 TROPO

1824 KCIR 90.7 ID Twin Falls, ID, promo for upcoming program

AUGUST 13 TROPO cont.

1829 KCIX 105.9 ID Boise, local ad

1834 KFFM 107.3 WA Yakima, CHR

music

AUGUST 17 ES (or AE?)

0742 unID 90.5 over local K213BA, had

watery effect, clear audio, then scatter

type fade, CHR mx, lasted about 1.5 min.

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

EQUIPMENT: GE Superradio w/unamplified double FM quad

July 1989

2 Tr

1000 WHGL 100.3 PA Troy, c/w MX "Wissie 100"

15 Es

1216 WYNF 94.9 FL Tampa (Harry, city of license is in Tampa-gc)

1217 WQVV 95.5 FL Fort Pierce

19 Es

1153 KLKS 95.3 MN Breezy Point, soft rr, ad Edgewater Inn

1200 KHHT 97.1 ND Minot, rr

1215 KGHI 95.1 MN Detroit Lakes, c/w MX, ex KKDL-95.3

1223 KYCK 97.1 MN Crookston

1230 WIRR 90.9 MN Virginia

1235 KNOX 94.7 ND Grand Forks "The All New Lite Rock 95"

1242 KBQQ 99.9 ND Minot, ad for Minot concert, no ID heard

1300 CBC 90.5 ON Fort Frances, suspect this here w/really strong signal (Was likely them; calls are CBQT-gc)

23 Tr

1302 WKYE 95.5 PA Johnstown, rr MX

25 Es

1052 KWKH 94.5 LA Shreveport, "The Radio Ranch" c/w MX

1133 KTUX 98.9 TX Carthage, RR mx Tux 99

1134 KVMA 107.9 AR Magnolia

1145 KEBC 94.7 OK Oklahoma City, c/w mx "Keeping Everybody Country"

30 MS

1130 WFOX 97.1 GA Gainesville, "...fun station is FOX..."

1245 KKWK 97.1 OK Muskogee, "...97 Quick..", suspect this, heard last month on E-skip and does use "Quick" ID. Time @ on this.

I would rate July as an average DX month, nothing to really jump up and down about. The last few days of the month have shown significant MS activity; numerous loud bursts of the 2 or 3 second duration length. I have my quad configuration in the South bedroom where I sleep and am really pleased with its results on MS. I often lay in bed for two or three hours listening to the bursts before turning out the lights. Who says you can't do MS on an indoor! Tropo have been virtually non-existent so far but I'm optimistic about next month. In answer to your question about WHKS 94.9 Harrisburg-yes I would say their signal is much, much better here, they are listenable about 50% of the time, no other Harrisburg station makes in in consistently.

BRUCE ELVING - BOX 336 - ESKO, MINNESOTA 55733-0336

The skip season began here May 21 when at 2100 CDT I got K10L 100.3 Lamesa through semi-local WCTS *100.3 Minneapolis at 2100. On 5-25 tropo: WCIC Pekin, IL *88.5. Skip May 31 KTLG 99.7 Tye TX. June 8: WRAF *90.9 Toccoa Falls GA, 12 noon; \$, a. June 21 WMGU 104.9 Stevens Point WI. Skip July 5, 1800-1900 CDT: WBGO *88.3 Newark NJ, WCCO *90.7 Springfield MA.

Tropo July 6: KMIT 105.9 Mitchell, SD, smashing through two closer stations on its frequency; KQSD *91.9 Lowry, SD, KMGM 105.5 Montevideo MN with open carrier SCS at 67 khz; new KXXS-FM 103.7 White Park (St. Cloud) MN with a terribly weak signal; KQLX-FM 106.1 Lisbon, ND. July 9 WRDN-FM 95.9 Durand WI, one of my closest unheard stations, monophonic. July 14 K208BQ *83.5 Brainerd MN with translator ID at 10818. Skip in late July intensified with the 28th, 20-2100: WJAL *91.5 Tuscaloosa, WMBV, \$, a, *91.9 Dixon's Mills, *88.7 WQPR Muscle Shoals AL, parallel to WJAL. On July 31: WYFK *89.5 Columbus GA, \$a with station break consisting of a pitch for donations; KTDR 96.3 Del Rio TX, KSTX *89.1 San Antonio TX. KSTX said they had just put into place 100000 watts, and wanted to hear from listeners. They said they heard from someone 35 km north of Lafayette IN ("must have been a fruke" the announcer said). Then KPAE 91.5 in stereo, a, Erwinville-Baton Rouge LA, KNTU *88.1 Denton TX. The July 31 skip was from 10 am to noon.

PETER G. GEORGE (N165D) - 24 COLUMBIA ST. APT 1-F - BROCKTON, MASS. 02041
(508) 504-0374

Receiver- GE Superradio II, Masnavox "Boom Box"
Antenna- Built in telescopic antennas

(Peter notes all loggings were in stereo-9c)

JULY 1989

9 Es

1029 WOOD 96.5 TN Chattanooga, pub service, wx, Baptist Church service
1034 WRMX 96.3 TN Mufreesboro, Dick Clark's Rock, roll and Remember!
1100 KATZ 100.3 IL Airton, Urban contemp, "Z-100"
1131 WCTS 100.3+MN Minneapolis, legal ID, religious programming
1136 WLVO 96.3 OH Columbus, ADR, Q-96-FM", ads
1211 KKCK 99.7 MN Marshall, rock, 99.7 days of summer
1222 WLTE 102.9 MN Minneapolis, EZL, The Lite FM 103, WLTE, ads
1300 KJKK 96.5 MN Fergus Falls, legal ID, ABC news, "Cruisin with the Classics"

10 Es

1655 WBVE 96.5 OH Hamilton, country, Beaver 1/2 FM, ads
1659 WKDD 96.5 OH Akron, "another 52 min of rock" (nice catch!-9c)
1703 WDJQ 95.1 IL Decatur, country music, ID, ads
1727 WJZQ 95.1 WI Kenosha, "Rock 95", Top 40, automation failure (hihi)
1740 WMT 96.5 IA Cedar Rapids, 96 1/2 FM, Channel 2 weather, legal ID, nx

This was the ultimate test of what my GE Superradio II could do, and boy was I pleased with the results. It has been several years since I have done some serious Sporadis-E FM DXing. This was about the best opening since the 3/13 opening due to the solar flare way back then. Many of the stations that I received in this band opening were clearly listenable for over 20 minutes at a time. The 7/10 opening was particularly interesting as I received a combination of "Lightning Scatter" and Es at the same time to receive both WKDD 96.5 and "Beaver 96 1/2" WBVE 96.5. Both were very short skip signals for this location. Though I don't make a habit of doing it, hearing "skip" via lightning bolts can truly bring some big surprises!!! Til next time, 7c's.

BILL NIENAJADLY - 98 HIGHLAND AVENUE - CLIFTON, NEW JERSEY 07011

JUNE 1989

25 Es

1434 WWMS 97.5 MS Oxford, Miss 98 952
1558 KAMS 95.1 AR Mammoth Springs, ID and "K Country-95" 978

JULY 1989

1GW/Tr

1718 WHKS 94.9 PA Harrisburg, ID 145
1725 WMGS 92.9 PA Wilkes-Barre, ID 90
1735 WTYD 100.9 CT New London, ID 140
1742 WAQY 102.1 MA Springfield, ID 125
1740 WWRX 103.7 RI Westerly, ID 170
1752 WBSS 97.3 NJ Millville, ID and Boss 97 120
1800 WRCH 100.5 CT New Britain, ID 90

"Above 7 logged by me using Mac MR-78, per visit by Bob Smolarek here"

2 ES brief to 92.9 TOP 40 UnID at 1730

3 Es super MUF 96.9

2030 WULA 92.7 AL Eufala, ID 863
2032 WQPW 95.7 GA Valdosta, ID 856
2055 WBLX 92.9 AL Mobile, ID 1039
2059 WBBN 95.9 MS Taylorville, ID 1051
2100 WXLX 94.1 MS McComb, ID 1120
2101 WQUE 93.3 LA New Orleans, ID and Q-93 1161

unIDs: 91.9 s, 95.1/96.9 Top 40, 92.5 ADR, 88.5 b, 96.7 old

4 Es Explosive ES! 180 MUF?

1654 WUWF 88.1 FL Pensacola, no fading for 20 min
1729 WLHQ 96.9 AL Enterprise, ID and Q-97
1732 WALX 100.9 AL Selma, ID
1734 WBLX 92.9 AL Mobile
1737 WFSY 98.5 FL Panama City, ID and Sunny
1741 WOOF 99.7 AL Dothan, ID
1744 WOXY 95.7 LA New Orleans, ID

BILL NIENAJADLY'S REPORT- continued

7-4 Es

1006 WZZK 104.7 AL Birmingham, ID and FM 105
1009 WOWW 107.3 FL Pensacola, ID
1012 WIENN 107.7 AL Birmingham ID and Win 107
1013 WJDQ 101.3 MS Meridian, ID
1021 WQUE 93.3 LA New Orleans, ID
1023 WKSJ 94.9 AL Mobile
1033 WWMS 97.5 MS Oxford
1048 WLTS 105.3 LA Slidell, ID
1049 WAKH 105.7 MS McComb, ID

All above logged at Bob Smolarek's house using Mac MR-78 He used Carver TX-11. Can't count in my personal log, 48 miles away.

Logged on route 78:

1900 WZEZ 92.9 TN Nashville, ID

Now home:

1000 WMBV 91.9 AL Dixon's Mills, ID 978
1025 WQUE 93.3 LA New Orleans, ID 1161
1058 WMPR 90.1 MS Jackson, ID 1059

Es 2 clouds?

1738 WEQW 92.5 FL Key West, ID 1202
1028 WSCD 92.9 MN Duluth, ID 978
1040 KDAL 95.7 MN Duluth, ID 978
1045 KKDL 95.1 MN Detroit Lakes, ID 1161
1053 WCDK 99.9 MN Virginia, ID 1019
1006 KNNS 96.9 MN Grand Rapids, ID 1055
1009 KQHT 96.1 SD Crookston, ID 1209
1026 CJSDt 94.3 ON Thunder Bay,
1000 WAFG 90.3 FL Ft.Lauderdale, ID 1080

10.1, 104.1 k + many Ed band Unids

Es briefly to 90.3 Iowa? at 1728

Killer Es, several different openings!

1222 WZZR 92.7 FL Stuart, Z-93 1010
1223 WIRK 107.9 FL West Palm Beach, 1035
1224 WWUS 104.7 FL Big Pine Key, ID 1193
1225 WAFG 90.3 FL Ft.Lauderdale, ID 1030
1230 WHTQ 96.5 FL Orlando, ID 937
1233 WPCV 97.5 FL Winter Haven, ID 934
1236 WAPE 95.1 FL Jacksonville, Hi John! 876

Q1 to locals 94.7, 105.1, 99.1 XVR (crossover), 102.3 mention Fort Pierce, 99.9 Top 40, and many more!

1000 French 88.1 more on ed band Maritimes

1020 WTMG 95.9 FL Tallahassee, ID 831
1024 WBBN 95.9 MS Taylorville, ID 1051
1025 WQXY 95.7 LA New Orleans, ID 1161
1028 WKXN 95.9 AL Greenville, ID 853
1029 WWMS 97.5 MS Oxford, ID 952
1042 WJLQ 100.7 FL Pensacola, ID 1022
1046 WKRG 99.9 AL Mobile, ID 1053
1054 WKJN 103.3 LA Hammond, ID 1156
1058 WZZK 104.7 AL Birmingham, ID 855

10 ID 105.3 oldies, 103.7 Nostalgia

Es MUF ch5 at 2100

Killer Es! to South, Minn/Mo./Canada MUF 107.9

1035 KAXE 91.7 MN Grand Rapids, ID 1055
1037 WMJI 96.5 AL Birmingham, ID 855
1058 WMC 99.7 TN Memphis, ID 944
1053 KVOX 99.9 MN Moorehead, ID 1202
1058 KKDL 95.1 MN Detroit Lakes, ID 1161
1064 KRES 104.7 MO Moberly, ID 961
1031 KQHT 96.1 MN Crookston, ID 1209
1043 KNNS 96.9 MN Grand Rapids, ID 1055
1047 KPRM 97.5 MN Park Rapids, ID 1116
1053 WDAY 93.7 ND Fargo, ID 1202
1060 WIRR 90.9 MN Virginia, ID 1019
1043 CITI 92.1 MB Winnipeg, ID 1271

10.5 CBC NX serving NW ONT (CBQT?-9c), 92.9 Rock, 105.3 mentioned KC and St. Louis, 102.3 ment, Pontiac, 91.9 "FM 92" Jazz Ramsey Lewis

Es 0900 MUF ch 6 LA/1801 MUF ch4

Es MUF ch4

BILL NIENAJADLY'S REPORT - cont.

JULY 1989

16 Tr
 WLNQ 92.1 NY, WHFM 95.3 NY, WWY7 92.5 CT, WBLI 106.1 all local
 16 Es TV 5 at 1245
 18 Es 2100-2135 unIDs highly suspect Florida
 After what looked like a poor second half of the season, then July comes...and super outstanding DX! July 4th was a monster, many DXers had ES over their locals, MUF was reportedly up to 180 Mhz (Yes, some DXers did see ch 7 E-skip-9c). So intense was the fourth that the TV at Bob Smolarek's house was totally wiped out on 2-6! Some of the skip stations, like WUWF 88.1 for 20 min, were fade free. It didn't stop there...we had 5 days of E-skip on FM in a row! July 7 produced multiple openings! I'm willing to bet some DXers had 2 hop on that day. July 9th finally got a positive Canadian! My first one! I've heard France and CBC in the past but never an ID. Thank Joe Fela for the CITI tip. Bill Kretschmer in NY also received KPRM and WDAY at the same time as I did here! July 89 will go down in my book for the best skip ever seen or heard by this DXer! Thank to Bill, Bob, Paul, Mike, Joe, Matt, and Greg for exchanging phone calls and DX tips! Good DXing-Bill!

MORRIS SORENSEN - P.O. BOX 422 - PORT CARLING, ONTARIO P0B 1J0

EQUIPMENT: Sony ICF-2010 digital portable, Archer FM rabbit ears
 MAY 30 Es

2157 WEYY 92.7 AL Talladega, ID "This is WEYY" I hadn't reported this before as I couldn't find a listing for the calls. Tracked down thanks to Alain Pepin and the new FM Atlas. My other May 30th Es catches were reported last month. At 250 watts, this is my lowest powered skip catch!

JUNE 1989

21 Tr
 2245 all North Bay FMs at near local quality
 2300 CPPL 95.9 ON London, local ads
 23 Tr
 2228 CBCS 99.9 ON Sudbury, classical mx // CBCM 107.5
 2229 CJMX 105.3 ON Sudbury, local ads
 2235 WYYY 94.5 NY Syracuse, Y-94-FM, current & old rock music
 2245 CK03 97.5 ON London, Blue Jays Baseball
 2339 WVOR 100.5 NY Rochester, promo for WVOR beach party
 2358 WBEE 92.5 NY Rochester, local ad, ID
 2400 WXX1 91.5 NY Rochester, sign off w/SSB
 24 Tr
 2259 WGR 96.9 NY Buffalo, "97 Rock all request show" ID by man:
 "The frequency is 96.9, the call sign is WGR-FM Buffalo, the station is 97 Rock."
 27 Tr
 2202 WBUF 92.9 NY Buffalo, ad con/oldies mix ID at 2209:
 "Favorited of yesterday and today - FM 93 WBUF"
 2230 WNED 94.5 NY Buffalo, classical mx, ID mixing w/WYYY.

JULY 1989

20 Tr
 2200 CKPC 92.1 ON Brantford, ID by man "CKPC-FM in Brantford, Ontario, Canada.", weather
 23 Tr
 2210 WKJC 104.7 MI Tawas City, country mx, "KJC Country", PSA for events in Northern Michigan
 2256 WPHN 90.5 MI Gaylord, Christian Contemporary music, wx, dual ID with WOLW 91.1 Cadillac
 2336 WHSE 107.7 MI Alpena, syndicated oldies program, local ads "Super Gold on Free Energy HSB-108"
 2349 WPXY 97.9 NY Rochester, "Power Hits 98PX 7th Birthday Party"
 24 Tr
 0005 WCIZ 97.5 NY Watertown, adcon mx (usually AOR-9c), "CIZ-FM"
 0656 CBON 98.1 ON Sudbury
 0900 CBCS 99.9 ON Sudbury, CBC Northeastern Ont network with NE Ont. wx then into CBC news
 0927 CBCE 97.5 ON Little Current, CBC network with talk on documentary producer: the late Donald Brittain, then into instrumental music // CBCS 99.9, CBL 740, etc.

BOB SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

JULY 1989

Es	Call	Freq	Loc	Notes
024	WTNT	94.9	FL Tallahassee, k	
038	WBEN	95.9	MS Taylorsville, k	B-95 Pine Belt Country
050	WBLX	92.9	AL Mobile, s	
110	WCKW	92.3	LA Lapeere, r	
120	WQUE	93.3	LA New Orleans, s	
130	WFFF	96.7	MS Columbia	
Es				
700	WUWF	88.1	FL Pensacola, c	
1732	WALX	100.9	AL Selma, r	
1737	WFSY	98.5	FL Panama City, r	
1741	WOFY	99.7	AL Dothan, r	
1755	WQXY	95.7	LA New Orleans, k	
1802	WLVN	95.3	MS Lumberton	
1805	WKKR	97.7	AL Auburn, r	
1805	WJDB	95.3	AL Thomasville, r	
1806	WZZK	104.7	AL Birmingham, k	
1812	WQWW	107.3	FL Pensacola, k	Wow-107
1813	WENN	107.7	AL Birmingham, s	
1816	WHMA	100.5	AL Anniston, k	Alabama 100
1820	WJDD	101.3	MS Meridian, r	Q-101
1823	WQUE	93.3	LA New Orleans, s	
1828	WGGZ	98.1	LA Baton Rouge, r	Z-98
1837	WVMS	97.5	MS Oxford, k	MISS 98
1838	WFFN	92.9	AL Cordova	
1839	WYLD	98.5	LA New Orleans, s	
1845	KMDL	97.3	LA Kaplan, k	
1857	WLTS	105.3	LA Slidell, r	Lite 105
1900	KZLR	94.9	AR Pine Bluff, r	
1901	WMJJ	96.5	AL Birmingham, r	Magic 96
1921	KKBO	92.9	TX Pasadena, r	
1937	KJNA	99.3	TX Jena, k	
1943	KITT	93.7	LA Shreveport, r	
1951	KHRM	93.5	AR Monticello	
2000	WLLX	92.1	TN Minor Hill	
2004	WMFO	92.9	FL Ocala, b	
Es				
1850	KQDS	94.9	MN Duluth, r	
1851	WAKX	98.9	MN Duluth, r	99-WAX
1855	KZIO	102.5	WI Superior, r	
1856	WIMI	99.7	MI Ironwood, r	
1902	KCRB	88.5	MN Bemidji	
1915	WHUH	97.7	MI Houghton	
1927	CJSD	94.3	ON Thunder Bay	
Es				
2058	WJDD	101.3	MS Meridian, r	
2102	WQID	93.7	MS Biloxi, r	
2103	WHER	103.7	MS Hattiesburg, b	
2104	WBEN	95.9	MS Taylorsville, k	
2106	KJEF	92.7	LA Jennings, k	(Bob, the state is LA-9c)
Es				
10 GW				
1700	WRNQ	92.1	NY Poughkeepsie, r	new station
12 Tr				
2245	WDEZ	100.9	PA Milton, b	
2315	WSPI	95.3	PA Shamokin, r	
2335	WHTO	103.9	PA Muncy, r	HOT-FM

July 4th was a great E-skip day. Bill Nienajadly of Clinton, New Jersey was visiting when the opening happened. The skip was very strong and went up to 108 FM. The skip July 4th and a couple days after was good but the E-skip doesn't recur the next week.

WBDC STEREO 101

WABOS COUNTY BROADCASTING PO BOX 191 HUNTINGBURG, IN 47540

106 FM
WJOXPATTEN BROADCASTING - JACKSON, INC.
A Subsidiary of Patten Communications Corporation
1700 GLENSHIRE DRIVE - JACKSON, MI. 48201fm100
KZSTPOST OFFICE BOX 2127
COLUMBUS, GEORGIA 31902

Ernest Cooper - 5 Anthony Street - Provincetown MA 02657

Equipment: Realistic STA-52 + McIntosh MR-78 FM tuner

May 1989

17 Es 1230 WJIS 88.1 FL Bradenton, g
1235 WFCB 88.5 SC Charleston, g
19 Tr 1025 CBD 91.3 NB St John CBC EE
1030 CBAF 102.3 NB Fredericton FF
1035 CIOK 100.5 NB St John m
30 Es 2041 KABF 88.3 AR Little Rock g,
reluctant verifier. Whatever
happened to "Do unto others----?"
2101 KLRE 90.5 AR Little Rock, c
2111 KSPQ 93.9 MO West Plains
2120 KZMO 94.3 MO California, 'Kizmo'
2134 KISR 93.7 AR Fort Smith, r
2138 WXTD 94.7 KY Mayfield, k
31 Es 2201 KTTN 92.1 MO Trenton only Es stn
June 1989
6 GW 0222 WIOF 104.1 CT Waterbury(WBCN off)
8 Es 1149 KKEI 90.1 MO Kansas City (1102)
KJTY 88.3 KS Topeka, t, g
14 Es 0957 WJXR 92.1 FL MacLenny
1157 WPCS 89.5 FL Pensacola, g
1212 WUWF 88.1 FL Pensacola, c
15 Es 2100 WSFP 90.1 FL Ft Myers, c
24 Tr 0757 CBHnt 89.5 NS New Glasgow r,
CBC nx 2 0800 mention of ADT and
Labrador time, 1 hr later
25 Es 1231 WMAA 91.3 MS Jackson PRM net
1234 WMAE 89.9 MS MS State
July 1989
2 Tr 0225 WSCL 89.5 MD Salisbury, c
0300 WTEB 89.3 NC New Bern
Comments: Many of these Es sessions were due to having been alerted by Joe Fela's phone calls. My sincere thanks, Joe! It's been a good season - any better and I wouldn't have time to send the reports out!

John Ebeling - 6843 County Rd. 47 - Albion MN 55702

DX from Prosit (Albion) MN:

March 1989
10 Tr 2100 KKSJ 96.1 MN
13 Tr 1000 WJHM 90.3 WI
May
14 Es 2132 KGNZ 88.1 TX
2150 KYKZ 96.1 LA
2151 KQUS 97.5 AR
2159 KRVS 88.7 LA
2200 KJJB 105.5 LA
2203 KMAG 99.1 AR k
2218 KRLA 96.5 AR
2223 KRRV 100.3 KA
2226 KYEA 98.3 LA r
2230 KAJN 102.9 LA
2242 KMDL 97.3 LA
ex 97.7, k "K middle" (No June Es logged---
unusual!!!!)
20 Es 1930 WSVH 91.1 GA
21 Es 2157 KENW 89.5 NM
30 Es 2243 KKIK 93.7 TX
2248 KQIZ 93.1 TX r
"z93"
31 Es 1945 WQID 93.7 MS
1950 WRNO 99.5 LA
1955 WNSL 100.3 MS
"s1100" used
2000 WQST 92.5 MS
2005 WQUE 93.3 LA
2014 WBBN 95.9 MS
"B93"
4 Es 1024 KKOR 94.5 NM
1028 KKBR 98.5 NM
1030 KRDO 95.1 CO
1031 KCMH 88.7 CO
1035 KSPK 102.3 CO
1036 KRYT 107.9 CO
1040 KGNM 93.7 NM
1047 KRCC 91.5 CO
1431 WRBH 88.3 LA
1433 WQUE 93.3 LA
1800 KHBM 93.5 AR
July 4 cont'd
1842 KITT 93.7 LA
1420 WSNE 93.3 MA
1423 WCGY 93.7 LA
1425 WPAT 93.1 NJ
1436 WZPK 103.7 NH
1440 WKPE 104.7 MA
1442 ? ? 105.9
Vietnamese? WNWK NJ????
1444 WTHT 102.9 ME
1451 WUBF 105.7 MA
1454 WXKS 107.9 MA
1456 ? ? 107.9 c
1458 WSSH 99.5 MA
1500 WGBH 89.7 MA
1507 WEBE 107.9 CT
1512 WBAZ 101.7 NY
1525 WFRD 99.3 NH
1530 WKCI 101.3 CT
2301 WUPM 107.1 MI
MS 2312 KFOR 99.3 OK
6 Tr 1014 KPLO 94.5 SD
1045 KORN 107.3 SD
1052 KKCK 99.7 MN
7 Es 1307 WJKA 92.3 FL
1320 WPIQ 101.5 GA
1335 WJCL 96.5 GA
1336 WAEV 97.3 GA
1339 WESC 92.5 SC
1400 WRJA 91.3 PA
May 31 cont'd
2039 KLLL 96.3 TX
*K triple L**67 kHz SCA
2044 KATX 97.3 TX
2050 ???? 107.5
Spanish, strong, no SCA
2059 KGNZ 88.1 TX
2100 KSJT 107.5 TX
2102 KELI 98.7 TX
2105 KKRQ 107.3 KS
2119 KNFM 92.3 TX
2121 KMEZ 100.3 TX
2124 KIXY 94.7 TX
2130 KZED 93.5 KS
2134 KSEY 94.3 TX

Jeff Falconer - Box 63 - Clinton, Ontario NQM 1L0

July 1989

1809 KNTU 88.1 TX
3 Trs & Es
0344 WJQK 99.3 MI (cl off)
1445 WQLX 102.3 OH
1458 WZMM 107.5 WV 2-107
2110 WRGB 89.3 FL
2114 WMIE 91.5 FL
4 Es best of season
MUF above 144 MHz
1710 KMKS 92.1 TX
1714 WKPX 88.5 FL
1716 WCMQ 92.3 FL
1717 unID 91.9 ?? Spanish
1718 WJKA 92.3 FL
1724 WTLN 95.3 FL
1725 WPOW 96.5 FL Power96
1729 WSFP 90.1 FL
1730 WTMJ 93.1 FL
1733 WGTR 97.3 FL
1734 WFIT 89.5 FL
1740 WQIK 99.1 FL
1746 WZZR 92.7 FL o/local
1751 WJIS 88.1 FL
1800 WMCU 89.7 FL
1805 WLGJ 90.9 SC
1819 WAGI 98.3 FL
1820 WPCU 97.5 FL
1821 WPMZ 93.7 FL
1822 WINK 96.9 FL Wink97
1824 WEEJ 100.1 FL
1827 WJVE 102.5 FL
1828 WJEC 103.9 GA
1830 WSDC 103.7 NC
1831 WOCL 105.9 FL
1833 WQBA 107.5 FL
1835 WTRK 107.9 FL
1837 WJYO 107.7 FL
1840 WWRM 107.3 FL
1845 WBJH 105.1 FL BJ105
1846 WIVY 102.9 FL
1847 WHEW 101.9 FL
1848 WOYS 100.9 FL
1850 WUSA 100.7 FL
1900 WKES 101.5 FL
1901 WYGC 100.9 FL
1906 WFYV 104.5 FL
1907 WJGY 106.7 FL
1914 WCVU 94.5 FL
1921 KLSK 104.1 NM
1929 WSHS 103.5 FL
1931 WMLQ 104.9 FL
1940 WAPE 95.1 FL
1942 WXDJ 95.7 FL
1944 WEZY 94.1 FL
1947 WZTA 94.9 FL Zeta 94
1950 unID 98.1 "Surf 98"
1952 WKTK 98.5 FL
1955 WRMF 97.9 FL
1959 WSOR 90.9 FL
2000 WLPJ 91.5 FL
2003 WJXR 92.1 FL
2004 WMEQ 92.9 FL
Equipment: Icom R 7000 receiver. Creative Design CLP 5130-1, 25 element, log with rotator. (Jeff, WNIZ 96.9 simulcasts with WNIB 97.1 Chicago, so that is what you heard. Your "Surf 98" could y well be WWSF Adalusia GA-gc)
Comments: I certainly can't complain about conditions this summer. Lots of Es, especially the July 4 opening with MUF up into the 2 metre ham band and maybe higher. Also a couple of nice tropo openings to IL/WI area. On July 7 I had Es from WKAQ-2 and WAPA-4, Puerto Rico with an unID Spanish on 88.9, hoping for WUC in Ponce, but no ID. Hopefully conditions will hold for a while, 73.

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

Equipment: McIntosh MR-78, Channel Master 4408 Stereo probe 9 antennas mounted at 8 feet and 45 feet, antenna A/B switch.

June 2 Tr 0400 KAYG 97.7 MO (250mi), 0430 KLOZ 92.7 MO (210), 0831 K274AA 102.7 Eldridge IA (85), 2100 WEIC 92.1 IL (170), 2123 WITT 93.5 IL (160), 2207 WMOV 95.9 IL (160), 15 other new stations today, mostly formerly tough adjacents, etc. June 3 Tr 1500 WUOL 90.5 KY FIRST LOUISVILLE LOG, FINALLY, 2238 WORT 89.9 WI, 2258 WLSU 88.9 WI four other new stations today via trs; June 4 Tr 0051 WGXK 105.9 TN (385) I have since found that this is a daily, one of furthest such, 0112 WEGR 102.7 TN, 0200 WMMR 89.7 MO, 0230 WJKL 94.3 IL (165), 0233 WFPC 12.3 IN (240), 0236 WXLK 102.3 IL (190), 0251 WENI 89.1 IN (300), 0256 WBCR 90.3 WI (165), 0300 WLMW 88.7 IL (180), 0352 WSNX 104.5 IL MI (290), 0402 WLNR 106.3 IL (180), 0504 WLJE 105.5 IN (210), 0642 WPEE 88.1 IN (250) 6000! NOW I can write to the FCC and get my cherished "Heard All Elkhart" trophy, 0630 WETN 88.1 IL (160), 1505 W221AH 90.1 Beardstown IL (35), plus 15 other new stations from the same general region; June 5 Tr 0527 WMYU 88.9 KY (325), WMS* 0605 KZEW 97.9 TX (630), WRMF 97.9 FL (1130) apparent MS distance record for 97.9, Es 0650 WRCW 89.3 FL (1150), 0701 WMCU 89.7 FL (1165), 0706 WAYJ 88.7 FL (1070), 0711 WXCX 92.5 FL (970), Tr 1635 WIFE 100.3 IN (310), 1721 WFPB 105.9 OH (335), 1829 WSLM 98.9 IN (270), 1909 KFJN 107.9 AR (200), 2316 WMCW 90.3 KY (260) plus 9 more loggings of similar calibre to above Trs; June 6 Es 1700 WOND 89.9 FL (1060), 2058 WMMC 95.9 MO (210), 2215 WKMX 94.3 MO (180), 2216 KUND 99.3 MO Houston (230), 2251 KUKU 100.3 MO (240), 2259 KCLY 100.9 KS (400) plus 2 more Tr catches; June 7 Tr 0138 WTAD 104.9 IL (220), 0359 KGGG 99.3 MO (210), 1430 WKAN 103.9 IL (185) plus 3 more via Trs; June 8 Tr 0338 WLAW 96.9 MI (325), 1070 WGLE 90.7 OH (350), 1859 WUEV 91.5 IN (250), 2000 WSPU 90.5 WI (165), 2209 KZBB 97.9 DK (405), 2331 WSLM 91.7 WI (190), also WKMC-90.5 MO via Trs; June 9 Tr 2208 WKMG 97.1 OK (440), 2215 KTCS 99.9 AR (420), 2300 BB.3 AR (405) GAVE NO LEGAL ID WHATSOEVER; had a Russian student(?) in studio giving his impression of Arkansas; June 10 Tr 0414 KCOU 88.1 MO (120) (extremely tough due to KDKX), 0515 KOND 107.5 OK (370), 0600 KKBL 95.9 MO (320), 0601 KCVQ 90.7 MO (230), 2042 WSRW 106.7 OH (390), plus 3 more less-significant new via Tr; June 11 Tr 0211 WQSB 105.1 AL (550) (STATE #41), 0339 WKLC 105.1 WJ (470) (STATE #42), this while still trying for still-needed WUBE Cincinnati--where!!--would have NEVER been sitting here if I had already heard WUBE so this is DUMB LUCK! 0341 WUBE 105.1 OH (340), 0353 WYAY 106.7 GA (590), 0428 WRYA 101.9 KY (280) (this may be regular; WJEM-IL s/off daily), 0429 WIVK 107.7 TN (480), 0446 WMYU 102.1 TN (500), 0516 WORA 102.3 IL (210), 0611 WFDX 97.1 GA (590), 0650 WLOT 89.5 TN (380), 0704 WHYI 107.5 TN (380), 0728 WTMG 96.3 TN (380), 0759 WIMZ 103.5 TN (480), 0801 WKDF 103.3 TN (360), 0806 WIDL 89.7 KY (390), 0847 WMYR 101.1 KY (310); June 12 ES 0350 WHEW 102.7 NY (860), 0400 WYUN 94.9 NH (1020), Tr 0410 WDFX 94.9 NH (330), 1144 KTRI 95.9 (250) this one eluded me in many tries, due mostly to WMC's dominance, 1859 KOUR 95.3 IA (130) (3 closer lows in the way) plus 6 more loggings via Trs mostly Iowa/Minneapolis; June 13 Tr KMKX 101.9 MO (200) and KJBR 101.9 AR (330) logged earlier before 0100; June 14 Tr WYER 94.9 IL (200) thru WMAE (40), Es 1302 XHRP 94.7 Sallitillo COAH (MEXICO) (1100), 1306 XET 94.1 Monterrey N.L. (MEXICO) (1160), 1334 XHEC 91.9 Sabinas COAH (MEXICO) (1000), 1351 X--- 90.1 (MEXICO) "...el programacion del Estereo Vida..." not a border Texan, 1406 unID 106.1 (MEXICO) Chihuahua probably; June 16 bodacious Es to Cuba! 1027 Es WIIS 107.1 FL (1200), 1036 WWSO 104.7 FL (1200), 1043 WAIL 99.5 FL (1200), 1045 CH--- 100.7 FL (1200), 1056 WSDR 90.9 FL (1120), 1057 WKRY 93.5 FL (1200), 1058 CH--- 90.9 CUBA reld in 1986 - STILL have no info, 1056 WSDR 90.9 FL (1120), 1057 WKRY 93.5 FL (1200), 1058 CH--- 90.9 CUBA --? Radio Rejo, 1100 CH--- 102.9 CUBA --? Radio Metropolitana ID, 1105 WGLM 92.7 FL (1100), 1121 WJIS 88.1 FL (1040), Tr 1138 WMMZ 97.5 KY (310), Es WAYJ 88.7 FL (1100), 1200 CH--- 92.1 CUBA --? "noticias..en Rebelde, desde la Habana"....Please hear, somebody - I'd sure like some information on these five Cubans, as well as the 91.9 (still unID). "Rebelde" heard in Ohio in 1985; June 18 Es 0845 WYMI 93.1 FL (1170), 0929 WSEB 91.3 FL (1100), 0931 WGLM 92.7 FL (1100), 0941 WINK 96.9 FL (1100), 0946 WMPQ 92.9 FL (930), 0947 WFLZ 93.3 FL (980), 0950 WRMF 97.9 FL (1130), 0953 WABA 107.3 FL (990), 0958 WSRF 106.3 FL (1030), 1003 WYMF 94.9 FL (990), 1006 WDBA 107.5 FL (1170), 1011 WCTQ 92.1 FL (1080), 1014 WAKK 106.3 FL (1200), 1021 WQYS 100.9 FL (850), 1022 WKLG 102.3 FL (970), 1033 WMAU 88.9 MS (650), 1042 WCTH 100.3 FL (1200), 1046 WRCC 102.9 FL (1100), 1054 WFSY 98.5 FL (750), 1054 Tr WDDO 107.3 IL (225), 1102 WPCS 89.5 FL (700), 1108 WAKV 101.1 FL (1130), 1127 KLTR 93.7 TX (800), 1234 KOKK 92.7 TX (1000), 1235 XHAAA 93.1 Reynosa TAMIS (MEXICO) (1200), 1236 KITM 105.5 TX (1070), 1245 KRQB 99.9 TX (950), 1247 KRIX 99.5 TX (1070), 1250 KTFX 100.3 TX (1070), 1300 X--- 96.9 Tampico TAMIS (MEXICO) no Tampico station is listed here in FM ATLAS #12... 1310 XHIL 101.3 Monterrey N.L. (MEXICO) (1160), 1318 KNDY 88.1 TX (1020), 1324 KLTG 96.5 TX (970), 1338 XHJO 98.9 Monterrey N.L., 1340 X--- 103.7 Monterrey N.L., cannot find in new FM ATLAS, 1354 XHRK 95.7 Monterrey N.L., 1356 XHMG 102.9 Monterrey N.L., 1358 XHQT 102.1 Monterrey N.L., 1401 XHGC 93.5 Sallitillo COAH (MEXICO) (1000), 1402 XHRP 94.7 Sallitillo COAH...all Mexicans heard were in Spanish. 2100 Tr WQYB 89.3 MI (300), 2115 WMYR 89.3 IL (185) thru WDLM, 2129 WEWZ 103.7 MI (220), 2200 WNI2 96.9 IL (200), 2359 WJGR 104.1 MI (320); 19 GA 0300 WEMN 88.5 IL (60) legal ID, finally got around to it, Tr 0300 KGLS 93.1 KS (460), Wichita KS 89.1/101.3/97.9 (410), KSKG 99.9 KS (380), KQEZ 92.3 KS (400)...looked really promising, but had completely fizzled out by 0500; 20 Tr 0043 WMLI 96.3 WI (200), 0538 WMAW 103.3 WI (280), 0612 WKEN 95.5 OK (410), 0648 WDDR 93.9 WI (380), 0705 WCLQ 89.5 WI (300) atop WNUI, unlikely to relog, 0708 WMRM 90.9 WI (230), 0810 WLMR 104.9 WI (230), 0820 WKBH 105.5 WI (250), 0831 WJLY 106.5 WI (300)...UNDER WMYR, had to tune to about 106.575 to get it via "splitter method"...0852 WGLC 100.1 IL (130)...under 4-mile-local WKAI, had tune to about 100.2 to hear this...0853 WCCI 100.1 IL (115)...better than WGLC was but still under local and heard by tuning to 100.2...0906 WPRC 94.3 WI (175), 0919 WIMK 93.1 WI (350), 0930 (LOCAL WILM-91.3 NOTED OFF for first time since I moved to Macomb!) 0932 KBIA 91.3 MO (120), 0935 WHHI 91.3 WI (190), 0938 WNNH 107.1 IL MI (220), 1001 WCSG 91.3 (320), 1030 KDFR 91.3 IA (280), 1042 WMYK 91.3 KY (360), 1300 Es WSEB 91.3 FL (1080) relog (of all possible Es to occur with my local off, why did it have to be THIS one?) 2024 Tr KIXO 93.9 MO (320), 2123 Es KAFF 92.9 AZ (1270), 2132 KRAZ 96.9 NH (1000), 2150 Tr KWNO 90.7 NE (290), 2158 KIOS 91.5 NE (290); June 21 Tr 0134 KTCZ 97.1 MN (340), 0159 WISN 98.5 MN (340), 0204 KCBW 92.1 MO (220) WCAZ OFF! 0210 WMAV 105.1 MN (430), 0223 KDDG 96.7 MN (250)...am glad that WQXO-96.7 Rushville IL now bests 16 hours, formerly ALL NIGHT...0253 WRLD 105.3 WI (320)...KLYV-IA underneath the duct...0314 KCLD 104.7 MN (390), 0400 KJLY 100.9 MN (270), 0405 WJWJ 106.7 MN (440), 0450 KRZ2 95.9 KS (390), 0452 KBAM 90.7 KS (400), 0539 KESB 101.7 KS (340), 0622 KJCK 94.5 KS (400) atop KRXL-MO same direction...0630 KSDF 91.1 KS (410), 0705 KNZA 103.9 KS (280)...this one audible ONLY on the lower antenna...0711 KELR 105.5 IA (190)...very tough between KZZT-MO and KILJ IA both much closer...0806 KTAU 92.1 IA (130) WCAZ, 0810 KGLS 93.1 KS (460)...local quality...0841 KQNS 95.9 (390), 0911 KHCD 89.5 KS (390), 0912 KHCC 90.1 KS (430), 0943 KEBC 94.7 OK (510), 0953 KHUT 102.9 KS (430), 1015 KCEV 88.3 KS (410); June 24 Es 1628 XHRSR 92.5 Monterrey N.L. (1160); June 26 Tr 0409 WANK 94.1 OH (340).

FRANK MERRILL'S REPORT - continued

June 26 Tr 0409 WANK 94.1 OH (340); June 27 Es 1332 92.3 AZ (1270), 1348 KFRL 90.3 AZ (1270); June 28 Tr 0400 KAUR 89.1 (360), 0400 MS CBLG 89.1 ON (620), 0606 WJIT 90.3 (320); July 5 Es 1743 CBJ 100.9 NY (1150), 1754 CBHA 90.5 NS (1400), 1755 QUEBEC (990), 1746 CBH 102.7 NS (1400) 1753 WJXJ 106.7 MA (1010), 1754 CBHB 106.7 NS (1150), 1754 CBHA 90.5 NS (1400), 1755 93.5 QUEBEC (940), 1757 CJOM 92.1 QUEBEC (1800), 1801 CBAF14 102.3 (1800), 1801 CBOF 102.1 ON (820), 1802 CBF10 101.1 (990), 1803 CBOF 98.1 (900), 1804 CBV5 93.7 QUEBEC (1030), 1804 CKJH 93.1 NB (1317), 1805 CBBAL0 89.3 QUEBEC (1804), 1804 CBFM 103.9 NB (1350), 1806 CBAF25 88.1 PEI (1450), 1806 CBAF26 108.5 NB, 1817 93F 100.7 QUEBEC (940), 1818 WTMS ME (1215), 1819 CBF11 96.1 QUEBEC (980), 1826 CB-- 105.7...//96.1, 102.3 (NOT LISTED) FM ATLAS #12), 1828 CBV 95.3 (1040); July 7 Tr 1309 CJOM 88.7 ON (400), 1312 WQNC 89.1 IL, Es 1421 CFQR 92.5 (940), 1448 WJBJ 90.5 NJ (148), 2052 KPFD 97.9 AZ (1270), 2054 KWMM 93.5 AZ (1160), 2059 KKJY 100.3 NM (930), 2100 BTDB 89.7 NM (1050), 2106 KNBB 97.1 AZ (1170), 2113 KLYT 88.3 NM (930) relog thru local WJUS, no problem, 2116 KNFT 114.9 NM Bayard (1100), 2121 KARS 97.7 NM (960), 2128 KBVA 97.5 TX (1065), 2131 K237BU 95.3 Gage NM (KXKK-- 97.9) (1120)... took about 20 minutes to figure this out...slight Es lull after KLAQ-95.5 gave me a chance to call KXKK...2139 KBQC 97.1 NM (810), 2142 KARK 107.1 TX (915), 2143 KSNM 98.7 NM (1000), 2146 KDJW 94.1 TX (705), 2148 KEZB 93.9 TX (1065), 2148 I SF 96.9 TX (705), 2151 KLAQ 95.5 (1045), 2200 KTEP 88.5 TX (1065), 2201 KMHZ 93.1 TX (1065), 2215 KAFF 92.9 AZ (1200); July 8 Es 1132 KXKK 94.1 AZ (1170), 1155 KKRQ 93.7 AZ (1240), 1303 XHSAB 89.5 Sabinas Hidalgo N.L. (1100); July 9 Es 1150, 1010 WPBC 92.9 ME (1050), 1019 WMEZ 92.3 ME (1150), 1036 WSKS 94.5 ME (1150), 1034 WTUL 93.5 ME (1050), 1045 CIEL 98.5 QUEBEC (1200), 1046 CBAF28 100.3 NB (1170), 1048 WTHT 102.9 ME (1050), 1051 WHEH 90.9 ME (1150), 1051 WHEM 106.1 ME (1250), 1051 WHEH 89.7 (1230), 1105 CIOO 100.1 Halifax NS (141) TOTALLY DEMOLISHING 4-mile-local WKAI!...1107 CB-- 97.9 NB --? mono CBC Radio "This is CBC Radio in New Brunswick" and into NB weather, in same regional band from the network. Until at least 2000, a separate "ATLANTIC" mono English Radio feed was noted. This 97.9 not in FM ATLAS...1109 WJFD 97.3 MA (1000), 1115 CBD 103.3 ON (870); 1115 104.3 QUEBEC, 1126 CBJ 100.9 QUEBEC (1250), 1126 CBOF 102.5 ON (870), 1128 CTF 101.5 QUEBEC (1200) // 102.5, 104.3. Though listed as noncommercial in FM ATLAS, I've under- stood before that CJER-AM-980 is CBC mono (as when I drove up there in 1984). Are these two facilities PART-CBC, perhaps???...1133 CBEM 107.1 QUEBEC (1250), 1136 CBZC 103.3 NB (1280) // 90.5, and it was at this point that I verified this CBC mono English had broken away from the EAST satellite feed (for the Maritimes)...1138 CBJE 107.9 QUEBEC (1250), 1138 QUEBEC (1350) // 104.7, 104.7 QUEBEC (1200), 1148 CBNV 92.1 NS (1270), 1151 CBAJ 93.1 QUEBEC (1130), 1154 CBMI 93 JEBEC (1350) // 1104.7 and ANIK JEBEC (1350) // 93.1 and ANIK French EAST feed...NOTE: I can never count CBBAL in future unless 2 fighting...1157 JAB 94.5 QUEBEC (1250), 1201 --? 92.5 QUEBEC...likely KOTD Baie-Comeau...1203 CHOC 92.5 QUEBEC (1200)...STEREO contrapunted...1209, 1219 CB-- 92.9 ?? // 93.1 and ANIK French EAST mono. Only 83-watt CBAF25 ATLAS. Right in the path of Es at the time (see 1244) but is there something else there? ...Jingle giving calls in French...I shall never, ever hear this again...no other times...2341 KKKY 105.9 105.9 NE (410), 2147 KRXN 93.1 NE (450), 2200+ KXMI 104.5 NE (480)...DRAT, KESY faded up at wrong times...0225 WMAZ 103.5 MI (400), 0225 WMAZ 103.5 MI (400), 0225 WMAZ 103.5 MI (400), 0225 WMAZ 103.5 MI (400)...behind WMYR. All-too-brief Detroit opening fades; my first Detroit here (cong of my most-wanted cities); I wanted 102.7!...0349 WNCI 97.9 OH (410), 0400 WPPZ 95.9 IN (250), 0406 WQMX 94.9 OH (47), 0408 WANO 106.1 OH (440) broke through KLSG-IA, 0410 WQXK 105.1 OH (520), 0432 WUOM 91.7 MI (360), 0500 WHBC 94.1 OH (44), 0515 WWSN 107.7 OH, Es 1020 WQVJ 95.7 FL (1180), 1018 WPMJ 102.7 FL (1140), 1220 XHAAA 93.1 Reynosa TAMIS (1090); 0610 WJEO 102.7 Macomb IL (1.25 mi) formerly 103.1...Tr 2100 WAKO 103.1 IL (190), 2349 WRMV 103.1 IL (150); July 13 Tr 0140 WCDV 103.1 IN (200); July 14 Tr 0702 WGBF 103.1 KY (250), 0714 WKTG 93.9 KY (270), 0742 WMSK 95.3 KY (230), 0805 WBNL, 07.1 IN (270), 0814 WCVK 90.7 KY (330), 0827 WRKX 98.3 IL (240), 0836 WRAJ 92.7 IL (220), 0855 WARY 105.1 TN (350), 0912 W... Y 101.7 IL (180), 0936 WSOE 89.9 KY (270)...Total now 1,137 logged.

Note: most all stations listed in report were indicated as new loggings. Comments: It's good to finally be truly set up for hard-core FM-DX for the first time in four years. In the above I have failed to list many tentatives which will not be resolved, nor have I listed Es signals which I wasn't able to ID during the opening in question (either relogs, or stuff that would've been new). This report is long enough without all of those! This should be the longest FM report I will ever send, because I doubt I will ever again have 336 newbies in such a short time. If Es ever reaches the point that relogs are a really high percentage of total loggings, as could happen within 3 or 4 years from now, I will probably summarize describe what was heard, without listing dozens of specific relogs.

NORTHERN FM DX

OCTOBER

Mike Bugaj - 69 Sherman Road - Enfield, CT 06082

Equipment: Carver TX-11 with Probe-9 and rotor. New are underlined

May '89
 31 Es 2300 Es heavy thru ch 6 but just a trace of a couple of stations on FM and only briefly...just about this time Bill Nollman got Colorado...
 June '89
 7 Tr
 0651 WZPK 103.7 NH blasts right through WKNE 103.7
 1854 WHOB 106.3 NH
 WQCB 106.5 NH
 1856 WABK 104.3 ME
 1858 WYOU 97.1 ME
 1900 WMMR 96.3 ME
 1910 WMME 92.3 ME
 1930 WJFX 104.7 ME
 13 Gw
 1800 WVAY 100.7 VT
 Wilmington, new stn, j
 15 Es
 1830 WMEZ 94.1 FL
 2023 WMIE 91.5 FL
 2028 WCVU 94.5 FL
 2030 WRMF 89.7 FL
 2040 WMCU 89.7 FL
 2044 WNGS 92.1 FL
 2105 WCMQ 92.3 FL
 WLVE 93.9 FL
 2107 WZTA 94.9 FL
 2117 WUSF 89.7 FL
 16 Tr
 1954 WYOU 97.1 ME
 2122 WVPS 107.9 VT
 20 Tr
 0720 WLEV 96.1 PA
 0725 WQCB 96.1 PA
 21 Es
 1030 WMCU 89.7 FL
 1035 WZTA 94.9 FL
 WRMF 97.9 FL
 1040 WGTR 97.3 FL
 25 Tr
 0900 Found WFCR-88.5 off. Logged on the freq. were WJDF CT, WAMU DC & WHCF ME
 25 Es
 1220 WHKW 98.1 AL
 1230 WOKK 97.1 MS
 1414 WITI 97.5 IL
 1423 KXYX 98.1 MO
 1428 unID 92.1 MS
 "Star 92" of MS Delta--Who?
 1558 KHPQ 92.1 AR
 1559 KERD 92.1 AR
 Comments: Drove up to Wolfboro, N.H. for a week of swimming at my uncle's place on the lake and noticed heavy Es on the FM car radio on the evening of the 8th, and a massive Es opening on all the low band channels at 0800 lasting thru 1400 on the 9th (about 5 hours of it all over the FM dial). It started down south and eventually swung over the northwest with KYSM-103.5 heard excellent while driving. Also around 1700 on the 10th found heavy Es up on the FM band and logged 3 or 4 on a portable SANYO stereo. Personally I think the Sunday opening (the 9th) was the best of the year and of course I wasn't home to log anything. But who can complain...it was a good Es summer anyway! Now have all my loggings on disks - now using a Commodore 64C computer (my son's Christmas present), drive and Star printer. Would you believe almost 1,500 stations on 4 double sided disks? If any of you out there use a 64C for keeping track of your DX, I'd like to compare notes with you. Good DX. Mike

July '89
 1 Tr
 0925 WRNQ 92.1 NY
 Q-92, r, first day on?
 2 Tr
 2150 WQMS 103.5 DC
 2154 WKEZ 94.1 VA
 2230 WZCL 105.3 VA
 also heard: WYFI, WOLC
 3 Es
 1950 WAAC 92.9 GA
 2023 WFSY 98.5 FL
 2025 WTNT 94.9 FL
 unID 94.5 FL? Z-rock
 2035 WKYD 98.1 AL
 2040 WBLX 92.9 AL
 2041 WOOF 99.7 AL
 2055 WFMF 102.5 LA
 2056 WLTS 105.3 LA
 2158 WNOE 101.1 LA
 2100 WKJN 103.3 LA
 2101 WXLT 94.1 MS
 2105 WBSN 89.1 LA
 2112 WOKK 97.1 MS
 Also some coastal tropo w/WYFI/WESR/WOLC, others
 4 Es
 1640 WVFJ 93.3 GA
 1654 WBLX 92.9 AL
 1700 WABE 90.1 GA
 1707 WTVY 95.5 AL
 1715 WAVH 96.1 AL
 1723 WFSY 98.5 FL
 1729 WJNO 89.9 LA
 1730 WDCD 89.7 GA
 1750 WHER 103.7 MS
 1751 WOLW 107.3 FL
 1753 KCIL 107.5 LA
 1755 WENN 107.7 AL
 1800 WRWA 88.7 AL
 1804 WGEN 103.7 AL
 1810 WJLQ 100.7 FL
 1811 WNSL 100.3 MS
 1825 WHOD 104.9 AL
 1826 WZZK 104.7 AL
 1847 KDEA 99.1 MS
 "nice 'n easy"... covering WPLR!
 1854 WEZB 97.1 LA
 1858 WKNN 99.1 MS
 1900 WMAO 90.9 MS
 WMAB 89.9 MS
 1913 KKBB 92.9 TX
 1940 KIPR 92.3 AR
 1946 WQUE 93.3 LA

July 4 cont'd
 1951 KTUX 98.9 TX
 1958 WYNF 94.9 FL
 2000 WULV 94.5 FL
 WJFM 94.1 FL
 WUSF 89.7 FL
 2034 WMPR 90.1 MS
 2038 WBSN 89.1 LA
 2040 KSMB 94.5 LA
 2041 WABB 97.5 LA
 2100 WJMI 99.7 MS
 2101 KHLA 99.5 LA
 2108 KYKC 96.1 LA
 5 Es
 1735 WSCD 92.9 MN
 1738 WLOL 99.5 MN
 1740 WCOV 97.1 WI
 1741 CKSB7 93.5 ON
 1746 WIMI 99.7 MI
 1755 WTBX 93.9 MN
 1756 CBON20 89.3 ON
 1800 CJSD 94.3 ON
 1801 KYRS 94.1 MN
 1807 CBQX 98.7 ON
 1810 CBQH 100.9 ON
 1813 CBON18 88.1 ON
 1814 CKSB9 89.9 ON
 1838 KDOM 94.3 MN
 1846 CITI 92.1 MB
 1847 WIZM 93.3 WI
 1849 CHIQ 94.3 MN
 1851 KWQA 95.1 MN
 1852 WJMC 96.3 WI
 1854 KTCZ 97.1 MN
 1855 CBW 98.3 MB
 1900 KMSU 89.7 MN
 1901 WGBW 91.5 WI
 1910 WIFC 95.5 WI
 1915 KKOK 95.7 MN
 1923 KZZA 107.1 MN
 1925 WJJY 106.7 MN
 1932 WAKX 98.9 MN
 1933 WJJJO 98.1 MN
 1934 KNNS 96.9 MN
 1945 KBHP 101.1 MN
 7 Es
 1912 WAEV 97.3 GA
 1946 WBGW 98.9 FL
 1951 WAIV 96.9 FL
 2019 WMEZ 94.1 FL
 2030 WCKO 98.7 MS
 2033 WKBB 100.9 MS
 2041 WAVH 96.1 AL
 2101 WMEV 91.9 AL
 2102 WCLK 91.9 GA
 2103 WMPR 90.1 MS
 2116 WGGZ 98.1 LA

NORTHERN FM DX

OCTOBER

Robert Ross (VE3JFC) - Box 4373 Stn C - London, Ontario CANADA N5W 5J2

Equipment: Marantz 2226B receiver, FM beam antenna

June 1989
 29 Tr
 July 1989
 1 Tr
 1524 WPHN 90.5 MI Gaylord
 1605 CJQM 104.3 ON Sault Ste. Marie
 3 Es
 2047 WZTA 94.9 FL Miami Beach
 2055 WEZA 94.1 FL Lakeland
 2101 WHTQ 96.5 FL Orlando
 2116 WAYJ 88.7 FL Ft Myers
 4 Es
 1637 WHCE 88.5 ME Bangor
 1645 CBAF26 88.5 NB Moncton
 CBAF29 88.1 PEI Charlottetown
 1712 KXMR 93.9 TX Corpus Christi
 1720 WKIS 99.9 FL Boca Raton
 1737 WCTQ 92.1 FL Venice
 1741 WEEJ 100.1 FL Port Charlotte
 1742 WGNI? 102.3 "stay with GNI"
 1746 WXXJ 102.7 FL Pompano Beach
 1759 WLYF 101.5 FL Miami
 1800 WHOT 105.1 FL Coral Gables
 1805 WZLS 96.7 GA Valdosta
 1818 WJHM 101.9 FL Daytona Beach
 1832 WRBQ 104.7 FL Tampa
 1842 WINK 96.7 GA Valdosta
 1844 WKGR 98.7 FL Fort Pierce
 1851 WIFY 104.5 FL Atlantic Beach
 1855 WOCL 105.9 FL Deland
 1858 WAXY 105.9 FL Fort Lauderdale
 1859 WQBA 107.5 FL Miami
 1913 WDIZ 100.3 FL Orlando
 1922 WSTF 101.1 FL Cocoa Beach
 "Star 101" pop music
 1926 WULV 94.5 FL Daytona Beach
 1933 WCTH 100.3 FL Plantation Key
 1945 WKES 101.5 FL St Petersburg
 "Kesick Radio"...also mentioned their AM station in Indian Rocks
 2000 WFTI 91.7 FL Melbourne
 "Listener supported Family Radio"
 ID as St. Petersburg-Tampa, into gospel music and religious talk
 July 4 continued
 2003 WMFQ 92.9 FL Ocala
 2007 WYNE 94.9 FL Tampa
 2014 WYGC 100.9 FL Gainesville
 "GC101" C/W music
 2022 WUSA 100.7 FL Tampa
 2028 WFCE 88.9 FL Tarpon Springs
 2031 WNLJ 95.7 FL Clearwater
 2054 WHVE 102.5 FL Sarasota
 2103 WPCF 100.1 FL Panama City
 "FM100" ID...into gospel music
 5 Tr
 2201 WKQZ 93.3 MI Midland
 ID as "KQZ"...rock music
 2229 [WUPS] 98.5 MI Houghton Lake
 5 Es
 2214 KGCH 93.1 MT Sidney
 ID as "93 Country", C/W music
 7 Es
 1822 ZBM 89.1 BERMUDA Hamilton
 New country #4 on FM, in solid for half an hour, r, IDs as "FM 89 - ZBM Bermuda" 15 kw only
 1835 ZFB 94.9 BERMUDA Hamilton, 1 kw only, MOR music...Perry Como, Louis Armstrong, big band music...no ID heard but called station and verified it...
 2021 WEDR 99.1 FL Miami "StarForce 99"
 2037 WMIE 91.5 FL Cocoa
WEIT 89.5 FL Melbourne
 2057 WGNE 98.1 FL Titusville c/w ex 98.3 MHz
 2108 WSHE 103.5 FL Ft Lauderdale
 2106 WDOV 103.3 FL Bradenton
 18 Es
 2112 WSFP 90.1 FL Fort Myers
 19 Tr
 2254 WRGK 106.9 OH Canton
 22 Tr
 0351 WFMK 99.1 MI East Lansing
 22 Es
 1730 KEYA 88.5 ND Belcourt
 23 Tr
 2356 WBSU 89.1 NY Brockport
 24 Tr
 0034 WBER 90.5 NY Henrietta

(Robert, are you sure your 102.3 unID was not on 102.7? Your logging sounds a lot like WGNI 102.7 Wilmington, N.C. I did note short skip on July 4th -gc)

A wicked E-skip opening on July 4, 1989. Started on East Coast/Maritimes and moved down into Florida for four hours solid. MUF to 107.9 MHz Over 30 new stations logged in one night!!



KDBO
FM 97
 P. O. Box 610
 Pittsburg, Kansas 66762

YES 95!

WYYS-FM
 1132 West Kemper Road
 Cincinnati, Ohio 45240

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

Equipment: McIntosh MR-78 FM Tuner w/\$ Probe 9 CM Antenna and rotor at 37 ft. - CDT

August 1989	14 Es
6 MS	1242 WGTR 97.3 FL Miami, r\$ 1040
0533 KOYN 93.9 TX Paris 719	(S. FL relogs - had to leave)
6 Es	16 MS
1030 KACV 89.9 TX Amarillo, r\$ 965	2143 KIXQ 93.9 MO Webb City-Joplin 533
1200 KENW 89.5 NM Portales, b\$ 1071	2353 KIXQ? 93.9 MO Webb City-Joplin 533
1958 KPPR 89.5 ND Williston, c\$ 1058	18 Es
2007 KDSR 101.1 ND Williston, r\$ 1058	0505 WJIS 88.1 FL Bradenton, g\$ 892
2021 KPQX 92.5 MT Havre, k\$ 1300	(calls and wx for Bradenton and area)
2044 KRYK 101.3 MT Chinook-Havre, r\$ 1280	(Earliest a.m. Es ever seen!)
(o/WFMG 101.3 IN Richmond)	1050 WJIS 88.1 FL Bradenton, 892
2056 CIZL 98.9 SK Regina, rp\$, 1173	back again!
(o/WBYR 98.9 OH Van Wert) "Zed-99"	1125 WBVM 90.5 FL Tampa, g\$ 861
Previous MS	1128 WSOR 90.9 FL Naples, g\$ 992
2100 CBK 96.9 SK Regina, CBC \$ 1173	23 Es
2100 KXEL 95.1 MT Havre, g\$ 1300	2117 KTAK 93.9 WY Riverton, r\$ 1195
(o/WAJI 95.1 IN Fort Wayne)	2121 KFRS 95.5 WY Casper, r\$ 1095
2106 KGCH 93.1 MT Sidney, wx, k\$ 1040	(o/WFMS 95.5 IN Indy)
(o/WKLR 93.1 IN Indy)	2139 KFRZ 93.1 WY Riverton, ads, \$ 1195
2138 KMMR 100.1 MT Malta, r\$ 1220	(o/WKLR 93.1 IN Indy)
(o/WBGT 100.1 IN Bluffton)	2142 KLZY 92.5 WY Powell-Cody, r\$ 1210
2156 KZIN 96.3 MT Shelby, r\$ 1400	2214 KYCS 95.1 WY Rock Springs, r\$ 1255
7 MS	(o/WAJI 95.1 IN Fort Wayne)
0432 KOYN 93.9 TX Paris 719	2216 KDAB 101.1 UT Ogden, rj\$, calls 1402
8 MS	2221 KQSW 96.5 WY Rock Springs, k\$ 1255
0405 KMKK 93.9 SD Rapid City 953	24 tr
9 MS	0300 WDNS 98.3 KY Bowling Green, r\$ 230
0211 KTEZ 101.1 TX Lubbock 1017	1700 WHCI 101.3 IL Mattoon- 150
10 MS	(first day on air) Charleston, k\$
0500 KHCD 89.5 KS Salina 658	(o/WFMG 101.3 IN Richmond)
11 MS	25 tr
0512 WTBX 93.9 MN Hibbing, 625	2200 WRIZ 106.3 MI Lakeview-Chippewa 210
ex-WKKQ calls	(very faint) Lake-Belding, r
0538 KIL0 93.9 CO CO Springs 1040	28 tr
0557 unID 93.9 ?? ??	0100 WDMX 100.1 WV Vienna-Parkersburg 210
12 MS	"Mix-100," r\$ oldies
0136 KOYN 93.9 TX Paris 719	1700 WCJC 99.3 IN Van Buren-Marion, 30
0159 KIL0 93.9 CO CO Springs 1040	(first day on air) k\$, "C-99"
0313 WNOR 89.7 VA Norfolk 551	29 MS
0418 WHRO 89.5 VA Norfolk 551	1303 WPCS 89.5 FL Pensacola 682
0430 KVNE 89.5 TX Tyler 773	30 tr
13 MS	0015 KKJO 105.1 MO St. Joseph, r\$ 502
0000 KTEO 93.9 TX San Angelo 1025	0100 WZOM 105.9 OH Defiance, 100
0000 KMKR 93.9 TX Corpus Christi 1098	(new to airwaves) r\$ oldies
0137 WWLV 93.9 FL Miami Beach 1040	31 tr
0138 KMKR 93.9 TX Corpus Christi 1098	0038 KKBK 101.7 IA Fort Madison, r\$ 320
0453 KIXQ 93.9 MO Webb City-Joplin, 533	(Station # 1700)
Previous tr	0100 WIXN 101.7 IL Dixon, k\$, s/off 260
2300 KHCD 89.5 KS Salina 658	0102 WZOZ 98.3 IL Princeton, mr\$ 240
14 Es	September 1989
1240 WWLV 93.9 FL Miami Beach 1040	1 MS
(new underlined - dashed=new propagation)	0150 KIL0 93.9 CO CO Springs 1040

Many thank yous to Alain Pepin of St-Jean-sur-Richelieu, Quebec for listening to the tape recordings of my two French Canadian stations. The loggings of 96.9 CFIX Chicoutimi and 98.7 CIKI Rimouski, Quebec, were correct. CFIX's on hour ID is: "La musique, cent mille (100000) watts, C-Fix, quatre-vingt-seize virgule neuf (96.9)." Regarding 98.7 CIKI Rimouski, Alain states that the evidence points to CIKI Rimouski and is overwhelming. The taped jingle says, "Les meilleurs souvenirs, FM-98." Help in IDing French Canadian FM's is certainly appreciated, as I don't like to guess at station IDs. It's always best to be positive and have taped information. Too bad that more French Canadians don't give some kind of ID.

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Ralph Strobel's report continues:

Meteor Scatter Findings:

8/6 KOYN "...a look at the Coin-94cast..."	KMKR Corpus Christi. Good morning - 12 o'clock - time for..."
8/7 KOYN "...KOYN..."	WWLV "...a message from the FL Development of Health and Rehabilitative services - Florida's...and this station..." (Edited 45 second burst)
8/8 KMKK "...KMKK yesterday said..."	KMKR "...93.9 KMKR..."
8/9 KTEZ "...KTEZ 101.1..."	KIXQ "...on Kix-94 continuous country favorites, Michael Johnson there - I Will Whisper...seven minutes till 5 o'clock..."
8/10 KHCD "...These programs on KHCC and KHGD are funded in part by Shepler's in Wichita..."	8/16 KIXQ "...from Cindy for Joplin..."
8/11 WTBX "...94-WTBX..."	KIXQ "...If anyone asks you in all honesty what radio station you listen to, tell them my radio sticks to kix and win 94 dollars cash instantly. To increase your chances, send us your name..."
KILO "...on Kilo..."	8/29 WPCS "...that line is open right now with no waiting and a friendly operator on the other end waiting to take your call. Here's that number for Florida: It's 1-800-...WPCS..."
unID "...downtown Dimble..."	9/1 KIL0 "...at 633-KILO when we fire up..."
8/12 KOYN "...It's 1:36 - KOYN..."	
KILO "...We're KIL0 Colorado Springs-Pueblo..."	
WNOR "...Rock 'N Roll - FM-99 WNOR - Led Zepplin - seven in a row...Rock 'N Roll..."	
WHRO "...WHRO-FM..."	
KVNE "...on KVNE. Good morning..."	
8/13 KTEO "...The KTEO wx forecast calls for mostly cloudy skies this morning with a 20% chance of thunderstorms. The low 68 degrees. Mostly cloudy skies today with a 50% chance of thunderstorms, high of 85..." (Edited 35 second burst)	
KMKR "...This is the new mix 93.9	

As was the case last year, the Perseid meteor showers (August 8-14), found only one new station. A number of relogs were heard on the few usable frequencies. The best day for meteor scatter found last year was October 21st of 1988. What I thought was E-skip was actually being caused by meteors. WRR 101.1 Dallas was in solid for a good five minutes. The signal meter (scale of 1-10), was pinned at 8! The announcer was talking and mentioned Dallas, as well as WRR. I had perfect timing. The signal was not fading, as Es often proves to do. Instead, there was a jerkiness to the signal. The signal meter did not move. On 93.9, 88.3 and 88.1 I had the same effect, but no IDs. I checked the TV set and there were no signs of Es. Now I am convinced that a meteor larger than the state of Texas was the cause of this! October 20-21 are dates to watch again.

If I hear a non-ID by MS, I may count it as a meteor logging, but usually only when I have heard the same station previously by tr or Es. For instance, I taped "U-93.9" but did not count this as a MS logging until I heard WZZU Burlington, NC by tr to be positive it was their slogan. I also search through Bruce Elving's information which also confirms what I hear. There may be a few exceptions, however. I finally counted KIXQ 93.9 Webb City-Joplin, MO as a MS catch. I've previously heard KIXQ by tr. There are two "Kix/Kicks-94's" on 93.9. WKXZ Norwich, NY is "Kicks-94." I counted KIXQ as MS because the time was given. It was CDT, the same time Muncie is on. Norwich, NY would have been an hour ahead. The only station counted as new by MS with only hearing a non-ID was "DC-101" in Washington, DC. "DC" are two of the four call letters, and certainly there would not be more than one "DC-101" on 101.1. If Bruce's information proved otherwise, WWDG would be deleted from my log.

The July E-skip was more productive than May or June. The days in August that I found E-skip were a bit surprising. Skip on August 14 and 23 is unusual. Unfortunately, I only found one new station on the 23rd. Many openings were in locations I've heard skip from in previous years, so the same relogs appear. How many of you noticed how many Sundays we had skip? Sunday seems to be the worst day of the week for stations to identify. Sunday morning skip finds many religious programs, while the evenings have continuous country countdown or top 40 type programs. You may be lucky to hear an ID after a string of commercials, but don't always count on it!

73-Ralph

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

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

JULY 1989		JULY 25 Tr			
7 Es (continued from last month)					
1510 KXLS	99.7 OK Alva-Enid, call, r	1333	0000 Strong Tr to Norfolk plus WSFL-106.5 and WBRB-95.3 NC		
1658 CBNM	90.3 NF Marystown, CBC	1061	0001 WKTV 91.1 NJ Dover Township, ID, c, o/WFMU. Suspect this one is directional to protect WFMU as there's no trace of it normally. 43		
1658 CBHA	90.5 NS Halifax, // to CBNM	618	0058 [WZCL] 105.3 VA Norfolk, old r, legal ID, "Cool 105.3"(strict),ex-WXRI 275		
1659 CBVM	95.3 PQ Cap-aux-Meules, same CBC stuff as CBNM and CBHA	781	25 Es		
1703 CBAF-24	95.9 NS Sydney, FF	814	0942 KZLR 94.9 AR Pine Bluff, "KZ-95"		
1706 CKPE	94.9 NS Sydney, ending nx, "K-94 FM", into k	814	1032 WMSK 95.3 KY Morganfield, promo		
1718 CBHM	106.5 NS Middleton, CBC (previous via Tr)	562	1039 WRAJ 92.7 IL Anna, ads, call, k		
1730 CBN	106.9 NF St. John's, CBC with ID giving city and frequency but no call letters	1182	1041 ????? 104.9 "The Eagle" - Who?		
2023 KAPB	97.7 LA Marksville, ID, ad	1184	1050 [KFKF]94.1 KS Kansas City, ID, k ex-KCKN		
2027 WQUH	103.1 FL DeFuniak Springs, call + "Q-103", r	946	1057 KBIA 91.3 MO Columbia, ID, c		
2028 WWAU	102.3 FL Santa Rosa Beach "Wave 102"	969	1102 KCBI 90.9 TX Dallas, wx, ID		
2038 WOOF	99.7 AL Dothan, promo, "Woof-FM"	891	1107 KDKD 95.3 MO Clinton, Sedalia ad,		
2039 WQEZ	99.3 FL Ft. Myers Beach, "Light and Easy 99" + call	1067	1112 KIKM 96.7 TX Sherman, promo, k		
2040 KJNA	99.3 LA Jena, "99-KJNA"	1164	1128 KHGX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951		
2043 [KKAY]	104.9 LA Donaldsonville call, ex-KSMI	1181	<u>AUGUST 1989</u>		
2043 KBYO	104.9 LA Tallulah, promo	1088	4 Es	1829 KDOG 96.7 MN N.Mankato, call	
2112 WROD	104.9 AL Jackson, old r, call	978	1830 KKCK 96.7 MN Marshall, ads, SID, r	1120	
9 Es				1834 KLGR 97.7 MN Redwood Falls, call + "R-98"	1088
1115-1140	probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPJ).		1836 KQAA 94.9 SD Aberdeen, "KQ-95, r	1262	
1142 KLKS	95.3 MN Breezy Point, KLKS used as a word (K-lecks)	1081	2150 WCMP 92.1 MN Pine City, ID, wx	1003	
1158 KQWBt	98.7 MN Morehead, local ad o/WRKS but not quite enough to count		18 Es		
1200 [WSCN]	100.9 MN Cloquet, legal ID, MPR	996	0815 KOOI 106.5 TX Jacksonville, call, b	1305	
1201 KKDL	95.1 MN Detroit Lakes, legal ID, prev. logged as KVCR-95.3	1154	0826 WMC 99.7 TN Memphis, wx	948	
1202 KNNS	96.9 MN Grand Rapids, "KS-97"	1055	0837 K265CD 100.9 AR Pine Bluff, beautiful ID as KSNE-104.3, 93.5 Little Rock, 100.9 Pine Bluff. First translator via skip. Does not carry KDDA as listed in current FM Atlas	1061	
1205 CBQT	90.5 ON Ft. Frances, wx	1085	0846 KRMN 92.1 TX Commerce, call, k	1290	
1206 CBON-18	88.1 ON Sault Ste. Marie, FF	643	0847 KGAP 92.7 AR Gurdon, Hot Springs ad, call	1128	
1207 CBON-20	89.3 ON Thunder Bay, FF	907	0903 KIVY 92.7 TX Crockett, ads	1339	
1215 WSUET	101.3 MI Sault Ste. Marie Local ads but no ID/slogan		0907 KITT 93.7 LA Shreveport, wx, call, old rock	1208	
1225 KBHP	101.1 MI Bemidji, "KB-101", o/local WCBS	1122	0912 KWRW 97.7 TX Rusk, talk with local mentions, Jacksonville ad	1305	
1232 KNOX	94.7 ND Grand Forks, ads, "All New Lite Rock 95", o/WFME	1230	0914 KTAL 98.1 TX Texarkana, "98 Rocks"	1190	
1237 WHUH	97.7 MI Houghton, "Great 98"	837	0916 KMOO 96.7 TX Mineola, ad, "Double O"	1289	
1241 CITI	94.7 MB Winnipeg, "City"	1280	0916 KLIS 96.7 TX Palestine, ending nx	1330	
1300 KBHW	99.5 MN International Falls ending nx, ID, g, o/local WBAI	1086	0944 KAEZ 95.3 TX Gilmer, contest	1260	
11 Es			0945 KYKM 97.7 TX Winfield, call + "Kick'em Country"	1249	
2048 KNIN	92.9 TX Wichita Falls, ID, r	1402	0959 KHPA 104.9 AR Hope-Prescott, ID	1159	
17 CW			1000 KAYZ 103.1 AR El Dorado, ID	1130	
1400 WRNQ	92.1 NY Poughkeepsie, legal ID "Q-92"	82	1010 KUEZ 99.3 TX Lufkin, ads, call + "Easy 99", went to 50 Kw on August 1st per QSL	1302	
			To be continued next month....	73, Joe	

WRFX 99.7
ONLY THE FINEST ROCK 'N' ROLL

REPORT TO NORTHERN FM DX!!!

WELCOME NEW REPORTER!!

GEORGE SHERMAN - 104 PINWOOD CIRCLE, APPLE VALLEY, MN 55124

EQUIPMENT: MacIntosh MR-78 tuner, rabbit ears.

JULY 4 E-SKIP

1845 KQIZ 93.1 TX Amarillo

JULY 5 E-SKIP

1824 W??? 91.9 MN Albert Lea, 10 w.

JULY 7 E-SKIP

2108 KTEO 93.9 TX San Angelo, k

2110 UnID 92.7 Ted Clarke DJ, k

2127 unID 96.9 24 Karat hits

JULY 9 E-SKIP

1055 WXJY 96.3 MA Nantucket, Oldies 96, contest

1111 WSRS 96.1 MA Worcester, Light & Easy

1140 WKLI 100.9 NY Albany, K-Lite 101

1143 WXLO 104.5 MA Fitchburg

1157 WYJY 94.3 ME Biddleford-Saco, rock oldies

1204 WTSN 92.3 NH Hanover-Lebanon, lite rock

JULY 9 TROPO

1033 KMTY 97.3 NE Aurora-Grand Island, FM 97

0813 KSYZ 107.7 NE Grand Island

1115 WYCO 107.9 WI Wausau, Y108 thru local

1213 WJJO 92.7 WI Tomahawk, wx, fishing report

JULY 22 E-SKIP

0930-1230 TX & NM heard at Frontenac, Minn.

2300 KJAK? 92.9 TX Slaton

JULY 23 E-SKIP (late morning)

KSTX 89.1 TX San Antonio

KSJT 107.5 TX San Angelo

KENW 89.5 NM Portales

KRSJ 100.5 CO Durango

JULY 28 E-SKIP (lost times)

WSPJ 88.1 GA Warm Springs "Peach State Radio Net"

WSGC 101.9 GA Ringgold

JULY 29 METEOR BURST

0001 WKSG 102.7 MI MtClemens "to'clock in the Motor City"

JULY 31 E-SKIP

0858 WJIS 88.1 FL Bradenton

0900 WSEB 91.3 FL Englewood

AUGUST 1 TROPO

2200 KCFM?107.3 MO Lexington, k

2240 KWGG 104.9 IA Hampton

AUGUST 2 TROPO

0800 WKIB 99.1 MI Iron River, ad

0820 WJNR 101.5 MI Iron Mountain, r

AUGUST 4 TROPO

1215 KHCD 89.5 KS Salina, news and ID

2130 WZZO 95.1 PA Bethlehem, ID o/KWOA. then gone in 3 seconds!

AUGUST 5 TROPO

0842 WQZZ 99.7 WI Sturgeon Bay, r

AUGUST 6 E-SKIP

2110 KMTX?105.3 MT Helena, ment Clancy Fire Dept

2115 KMZT 101.1 MT Helena, Z-101

2116 KUUB 95.1 MT Bozeman, "Weekly T40", Cube

2140 KOHZ 103.7 MT Billings, b

2146 KTAG 97.9 WY Cody, PSA/ads

2151 KLFM 92.9 MT Great Falls, k

2157 KOPR 94.1 MT Butte

AUGUST 11 TROPO (Winegard CS6065 up!)

2230 KDFR 91.3 IA Des Moines, g, 4000w. o/u KAVT, both new

2320 KROC? 106.9 MN Rochester, 10 w.

The best tropo this year (so far) that I've noticed are probably under 600 miles. Had 700 miles (OK City) last 9/11, so I'll keep checking. I'm trying to put together something like an FM tuner buyers guide. It will be incomplete as some tuner manufactures don't answer their mail & I'll not list poor models anyway, to keep it short. Too many members have bought

AUGUST 12 TROPO

K---- 96.1 MN Albert Lea, "Power 96", 3 kw same music/nor ID as KQCL-95.9 Fairbault!!

0900 KMSUT 91.9 MN Albert Lea, 10 w.

0925 KTIST 103.9 MN Albert Lea

0927 KLSEI 94.3 MN Austin

AUGUST 14 TROPO

2200 KGCI 97.7 IA Grundy Center, literock, nx

AUGUST 15 TROPO

1620 WMGU 104.9 WI Stevens Point

1630 WYTE 96.7 WI Whiting, k, White 96

AUGUST 16 TROPO

0118 WMLI 96.3 WI Sauk City, Lite 96

0756 WRJO 94.3 WI Eagle River, k

AUGUST 17 TROPO

0026 KLSEI 106.3 MN Winona

AUGUST 18 E-SKIP

0830 WUAL 91.5 AL Tuscaloosa

AUGUST 18 SUPER TROPO

2130-0000

WJCH 91.9 IL Joliet, g

WGFN 105.1 MI Cheboygan, r

WKHQ 105.9 MI Charlevoix, r

WHSB 107.7 MI Alpena

WPLB 107.3 MI Greenville, k

CJQM 104.3 ON Sault Ste Marie, k

AUGUST 19 SUPER TROPO

0100 WWJR 97.7 WI Sheboygan, s/off, rock oldies, (WAGE off 0000)

0120 WJIM 97.5 MI East Lansing, b, KNXR sign off at 0100

0228 WRUP 103.3 MI Marquette, ID, r, WWRW sign off at 0200

0255 WLCS 98.3 MI N.Muskegon, r, old classic hits, WNBI off at 0000

0300 WCSG 91.3 MI Grand Rapids, ID, wx, WHHI off the air (You are lucky to have so many stations signing off!!!-gc)

0303 WJUM 92.1 WI Clintonville, ID briefly thru WMMJ

0322 WKFR 103.3 MI Battle Creek, r

Those new; relogs 8-19 Tropo:

0200 WIAA 88.3 MI Interlochen

0124 WMEE 97.3 IN Fort Wayne, r

0334 WLAV 96.9 MI Grand Rapids

0330 WWKI 100.5 IN Kokomo, k

0152 WIOG 102.5 MI Bay City, r

2154 WXKA 100.5 OH Findlay, r, 8/18

AUGUST 23 E-SKIP

2130 KATX 97.3 TX Plainview

2200 KIOK 94.9 WA Richland, ID

2300 KFAE 89.1 WA Richland, "Northwest Public Radio"

AUGUST 24 TROPO

0125 WWIB 92.7 MN St. Charles

2320 KLSEI 106.3 MI Winona

WOT 99

GEORGE SHERMAN'S REPORT - continued

don't list the adjacent channel selectivity (Sounds like a great idea! Will there be tuners listed in each price range? Good luck with this-gc). I've really enjoyed July and August for FM DX; previous months band was dead or I didn't check often-got NJ on 3/13 though, my earliest ever Es. My rotor is being repaired, so antenna is facing E. Still, its the first time I've used a selective tuner and a good antenna. Milwaukee heard daily at 280 miles and 3 kw stations out to near 200 miles. Winegard CS-6065 antenna has about 10 db gain and 20 db front to back ratio. Has 10 elements and over 10' long. It is getting FM stations too good that are 120-150 degrees in either direction from the way it is facing-Winegard says it shouldn't do this. Maybe antenna too near power lines, our roof, neighbors roof, hills or ground clutter? I am using Radio Shack coax and had 300 ohm before. 73

BILL KRETSCHMER - 104 KOPP AVENUE - N.SYRACUSE, NY 13212

JULY 7 E-SKIP

2105 **WTBB** 97.7 FL Bonifay
JULY 9 TR-SCATTER
 0028 **WMGH** 105.5 PA Tamaqua, WGES off
 1010 **WUSL** 98.9 Philadelphia

JULY 9 E-SKIP

1045 **WJHM** 101.9 FL Daytona Beach
 1050 **WZFX** 99.1 NC Whiteville
 1051 **WDIZ** 100.3 FL Orlando
 1054 **WRAL** 101.5 NC Raleigh
 1101 **WYNF** 94.9 FL Tampa
 1058 **WJCL** 96.5 GA Savannah
 1100 **WBPR** 97.7 SC Georgetown-Myrtle Beach
 Power 98
 1101 **WTKT** 98.5 FL Crystal River
 1110 **WMMZ** 93.7 FL Ocala 2 93.7
 1117 **WIXZ** 95.5 GA Savannah
 1120 **WADE** 95.1 FL Jacksonville
 1127 **WAAC** 92.9 GA Valdosta, k, C-93
 1131 **WLHQ** 96.9 AL Enterprise, WOUB null
 1134 unID 104.5 EZ (I suspect WDXZ in S.Carolina-gc)
 1134 **WAPW** 99.7 GA Atlanta. Power 99.7
 1146 **WDCQ** 89.7 GA Cochran
 1201 **KQSK** 97.5 ND Chadron, Q-98
 1201 **KELO** 92.5 SD Sioux Falls
 1210 **WLQL** 99.5 MN St.Paul/Minneapolis
 1216 **KLXK** 93.7 MN Minneapolis
 1229 **WDXK** 92.7 WI Waupaca
 1237 **KEEY** 102.1 MN Minneapolis
 1238 **KDWB** 101.1 MN Minneapolis
 1247 **KPRM** 97.5 MN Park Rapids
 (Received same time by Bill Nienajady!!)

JULY 9 E-SKIP continued

1253 **WDAY** 93.7 ND Fargo
 1300 **KVOX** 99.9 ND Fargo, WNYF null
 1300 **KFGG** 101.9 ND Fargo
 1305 **KODI** 95.5 ND Jamestown
 1309 **KKJK** 96.5 MN Fergus Falls
 1310 **KQWB** 98.7 ND Fargo
 1317 **KGWB** 107.1 ND Wapeton
 1318 **KOLX** 106.1 ND Lisbon
 1324 **KYYY** 92.9 ND Bismarck
 1334 **KEZZ** 94.3 MN Aitken
 1336 unID 106.7 "SuperGold"
 1346 **KAXE** 91.7 MN Grand Rapids
 1407 **CBQT** 90.5 ON Fort Frances

JULY 12 TROPO

1640 **WCAV** 97.7 MA Brockton WKOL mix
 1800 **WKGB** 92.5 PA Susquehanna
 1600-2000 Boston, Hartford, Cape Cod
 Providence, NYC, Albany, all strong!
 also Philly/D.C./Lancaster Areas
 2000 **WOGL** 98.1 PA Philadelphia, Oldies
 98/0/WHWK in same direction.

JULY 25 E-SKIP

1134 **KHXL** 94.9 TX Arlington
 1136 **WZLX** 100.1 MS Artesia
 1138 **KNUE** 101.5 TX Tyler
 1134 **KTUX** 98.9 TX Carthage Tux 99!!
 1144 **KERA** 90.1 TX Dallas/Ft.Worth
 1146 **KEGL** 97.1 TX Fort Worth
 1148 **KJMT** 100.3 TX Dallas 100.3 Jams!
 1154 **KVIL** 103.7 TX Dallas

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

JULY 31 E-SKIP

2030 **KUWR** 91.9 WY Laramie, spot for a program on KUWR-Wyoming Public Radio, ID by OM DJ.
 2053(KLDE) 94.5 TX Houston, ex:KJYY, adv for 59 Diner Hurricane Chantal update, req.line 850-0945, oldies
AUGUST 2 TROPO
 2248(WKQI) 95.5 MI Detroit, ID, "The New Q-95-FM". DJ Joe Krause, local ads, classic rock (with T40 mix too-gc)
 2255 **WMBI** 90.1 IL Chicago, gospel tx/mx, Chicago wx
 2341 **WT CM** 103.5 MI Traverse City, ad for N.Michigan carpet dealer on US31 South. OM DJ - local ads, o/WMUZ
 2350 **WRGL** 91.7 IL Champaign, relig/gospel music, spot for a church service in Peoria.
 2355 **WOLW** 91.1 MI Cadillac, ID as "WBHM?? in ?? and WOLW 91.1 in Cadillac", gospel music (Robert, the other station IDing is WPHN, 90.5 in Gaylord, Michigan-gc)

AUGUST 3 TROPO

0016 **WZZP** 103.9 IN South Bend, pop music "Zip 104", continuous music marathon, request lines, YL DJ.
 0003 **WCIC** 91.5 IL Pekin, wx for Peoria, calls, gospel music, CDT time checks.
 0038 **WFRN** 104.7 IN Elkhart, CDT time, pop mx/EZ list/ MOR music.
 0059 **WMUB** 88.5 OH Oxford, NPR and ID "88.5 WMUB Oxford-Miami Univ." into AP news.
 0107 **WBNI** 89.1 IN Fort Wayne, picnic/ WBNI on 8/13/89, list of local concerts.
AUGUST 5 TROPO
 1033 **WQTL** 106.3 OH Ottawa, "Classic Hits 106" concert spot, wx 77 at WQTL.

ROBERT ROSS REPORT - continued

AUGUST 5 TROPO cont.

2255 **WSNX** 104.5 MI Muskegon, ID "new sunny FM" ads "Tiger's Reply" baseball program.

AUGUST 6 E-SKIP

1045 **WJIS** 88.1 FL Bradenton, OM with Gospel pgm. ID as "Joy FM", into gospel music
 1052(WMMZ) 93.7 FL Ocala, ex:WPUZ, "Z-93.7" contest spot. local ads, jingle, Casey's Top 40
 1057 **WKRL** 97.9 FL Clearwater, rock music, DJ Kelly Casey, "98 Rock-Classic Rock", Concert spot, ads,
 1126 **WWZR** 94.5 FL Port Saint Joe, "Z-Rock" ID by OM into heavy metal music.
 1840 **WRBH** 88.3 LA New Orleans, good with OM talk on hot air ballooning in Louisiana.
 1842 **WMNF** 88.5 FL Tampa, "Caribbean Cruise Show" into ID as WMNF 88.5, Calypso music, etc.
 2138 **KRKK** 94.1 MT Billings, rock music, "Montana's Home of Rock and Roll-The New 94.1 KRKK" community calendar.
 2146 **KTAG** 97.9 WY Cody, syndicated program called "Flashback" oldies music and old film clip audio "It's 8 o'clock at KTAG" at 2200 into "Direct Hits" pgm.

AUGUST 6 TROPO

2210 **WFYC** 104.9 MI Alma, sign off, ID as WFYC AM&FM, gave power as 3kw ERP.
 DJ Jim Summerville,SSBanner/off @2213.
AUGUST 28 TROPO
 0224 **WBWC** 88.3 OH Berea, calls, Dr. Don 100 mile an hour show. Rock mx, 140 wts!!
 0225 **WOTL** 90.3 OH Toledo, relig pgm, "Unshackled" ID as "Family Radio" and "WOTL-Toledo" into gospel music
 0230 **WBCL** 90.3 IN Fort Wayne, vote for your favourite DJ on WBCL, gospel music under WOTL.
 0250 **WBGU** 88.1 OH Bowling Green, punk music pgm, ID as "WBGU in Bowling Green" "Where you hear the best alternative music first" 450 watts!!
 0408 **WHVT** 90.5 OH Clyde, religious ID as "Wholesome Listening for the entire family, WHVT Clyde" 370 watts!
 0418 **WGR** 96.9 NY Buffalo, "97 Rock" Stones "Steel Wheels" LP played.

Bill Kretschmer, 1547 Mississippi Valley #1211, Mississippi ON L5A 3X8 EDT

APRIL 1989

25 Tr

1459 **WCKR** 92.3 NY Hornell

JULY 1989

3 Es

2058 **WVFB**

90.5 FL Gainesville

-Keystone Hts 980 / 0

90.5 FL Tampa 1100 / 0

MAY 1989

30 Es

2109 **WKGC**

98.7 FL Panama City 980 / 15

2133 ? 93.3 '0-93', r, Houston MS? / 15

2136 **MNSL** 100.3 MS Laurel 970 / 10

2148 **WTNT** 94.9 FL Tallahassee 935 / 10

2151 H--- 90.3 MS unid PRM (MMAH/MMAV) / 0

2102 HBVM

4 Es

2040 **WKGC**

98.7 FL Panama City

2046 **WPAP**

92.5 FL Panama City

2103 **HUF** 92.7

5 Es

1900 **WFTI**

91.7 FL St Pete-Tampa

1902 **WBVM**

98.5 FL Tampa

2159 **MUF** 101.3

JUNE 1989

14 Es

1129 **MUF** 92.7

14 GN

1937 **WBSU**

83.1 NY Brockport

92 / 0

EQUIPMENT: JVC R-X390V Rcvr / balcony Passive dipoles

--- 12th floor ---

2nd # is the signal strength in db (0 db = 1 uv/75ohm)

FM-DX is far & few between since CFMX-1 96.3 went on the air only 1/4 mile away. My balcony faces the mtr. Now, I have to attenuate things otherwise CFMX-1 mixes with CILQ 107.1 an Produces a 10.8 MHz signal that penetrates the IF.

Most portables, except for my JVC PC-V77 are useless now -- full of spurs from 88 to 108.

My current setup isn't too bad - but I cringe to think of all the weak signals that would be coming in if I didn't have to use the variable attenuator. On top of that, CKLM 102.9 Hamilton occasionally shows up on 96.1 -- somehow riding along with the original CFMX 103.1 signal into the CFMX-1 input. With CIUT, CJRT, KKKI, EML and WNEE all playing classical music - who needs another one?

It's about time the CRTC/FCC think about setting up a second FM band to alleviate the congestion -- perhaps somewhere around the 300 MHz area.

Hope others are fairing better! 73s

Hope you like the new style. Unfortunately, due to an increased work schedule, I will have to place the following new restrictions on reporting: DEADLINE is now the FIRST, and only loggings 3 months from the postmark will be accepted. That figure will only be 2 months during the busy summer months. Do not be discouraged from reporting. I encourage all members to get involved with their club and columns. Hope DX comes your way. 73s, Greg

YET ANOTHER WAY OF TAPING THAT

FM/PSB/NWS DX!!

by FRANK MERRILL

Many active DX'ers are not only thrilled by the lure of exotic DX, but also attach equal (or more) importance on capturing those elusive station ID's on tape. However, not all DX'ers have more than one tape deck, so the choice is to have piles of tapes with only a few IDs on each, or to keep a recorder on "pause" and hope that the pause control can be released fast enough to catch that fleeting ID. It can also be a hassle remembering to turn over the cassette or reel every hour or less, and ID's can be missed because you've let the tape run out in the fervor of a good, active opening.

Few people know that there is an alternative to using a tape deck for recording DX. I am using a Hitachi VHS Hi-Fi VCR, and taping my FM DX on slow speed! At slow speed a tape will run for six hours, therefore not requiring nearly as much attention as a cassette or reel deck, and the sound quality is at least equal to 7.5 i.p.s. reels or good "chrome" cassettes! It makes sense economically, too, because the less-than-\$4 for 6 hours of premium Hi-Fi VHS audio works out much better than a similar price for a C-90 cassette, or a higher price for no more than 2 hours of reel to reel tape. In fact I also record any wanted radio shows, etc., on VHS. Your VHS recorder will, of course, allow you to record audio and video separately, so you can be recording audio from FM and using your friendly local religious station for the video.

My video input is a "Home Minder," which is a gadget that Radio Shack used to sell, and is intended as a timer to turn lights or small appliances on and off when you're on a vacation. The "Home Minder" is put on a vacant TV channel so that you may look at its display and ascertain the status of the timer modules in your home, and of course you can change the on and/or off times, and you can add or subtract timer modules. The reason I use this as my video input is because there is a constant clock on the display! Therefore I have the capability of sleeping while I record 6 hours of a blank FM frequency overnight, play it back for MS bursts, and readily note what time they happened! I understand that the "Home Minder" has been deleted, though.

Hopefully there are other similar things still in the marketplace that allow you to display a clock on videotape, because this is a perfect arrangement! You end up with good-audio reproduction of your DX opening, and you can tell when everything happened! Many of us know that during an especially good Es opening, for example, things can happen far too fast to instantaneously waste time writing DX notes down. You can now write something down like "93.5 7:04 tape" and go back to get the details later. Just remember that only a "Hi-Fi" VCR will give you these superior results, and such units are more expensive than non Hi-Fi units. But this approach is a very worthwhile way to tape DX!

PUZZLE PAGE

I. STATION LINES: Below are 18 squares, each containing a station call letter and a frequency. No two squares should be combined so that each combination of 3 consecutive squares contains a station call letters that begin with W. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.

WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB

II. ADDRESS: Below are 18 squares, each containing a station call letter and a frequency. No two squares should be combined so that each combination of 3 consecutive squares contains a station call letters that begin with W. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.

WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB

- III. Choose an 11-letter word and fill in the squares with the appropriate letter. The word is a common one. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.
- 11-ABC, 12-DEF, 13-GHI
 - 14-JKL, 15-MNO, 16-PQR
 - 17-STU, 18-VWX, 19-YZ
 - 20-ABC, 21-DEF, 22-GHI
 - 23-JKL, 24-MNO, 25-PQR
 - 26-STU, 27-VWX, 28-YZ
 - 29-ABC, 30-DEF, 31-GHI

IV. Choose an 11-letter word and fill in the squares with the appropriate letter. The word is a common one. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.

WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB

- V. Choose an 11-letter word and fill in the squares with the appropriate letter. The word is a common one. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.
- 32-ABC, 33-DEF, 34-GHI
 - 35-JKL, 36-MNO, 37-PQR
 - 38-STU, 39-VWX, 40-YZ
 - 41-ABC, 42-DEF, 43-GHI
 - 44-JKL, 45-MNO, 46-PQR
 - 47-STU, 48-VWX, 49-YZ
 - 50-ABC, 51-DEF, 52-GHI

VI. Choose an 11-letter word and fill in the squares with the appropriate letter. The word is a common one. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.

WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB

VII. Choose an 11-letter word and fill in the squares with the appropriate letter. The word is a common one. The squares are arranged in a 3x6 grid. The affiliation and channel number are given in parentheses.

WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB
WAB	WAB	WAB	WAB	WAB	WAB

Look vertically, horizontally, or diagonally.

ANSWERS IN NEXT MONTH'S EDITION