FromTheSTAFF

W.T.F.D.A. Headquarters, P.O. Box 97, Calumet City, IL 60409

WTFDA CONVENTION...As this is being prepared, it's almost time for the 1982 WTFDA Convention. Word has it that a good turnout will be there, and we hope to have a report on the activities in an upcoming VUD. If you couldn't be there this year, there's always next year. For the 1983 WTFDA Convention, we'd like to hear from members interested in hosting the gettogether. Would you like to host WTFDA Convention 1983? Let us know. We can tell you what it takes to host our convention. If you are seriously interested, drop us a line. If we receive more than one bid, we'll have a membership vote. Next month, we'll have details on how to submit a bid and word on the closing deadline, plus word of any early bids.

THANKS, RALPH...We know that NORTHERN FM DX editor Ralph Strobel must be very tired right now; he just completed nineteen pages of DX reports for his column. This is a record for the recent history of the club, and one that we don't want to see broken. Seriously, that's more to expect from your column editors--PLEASE help us out by making your reports more concise and try to limit your comments during the busy DX months. We do not limit space for DX reports in the VUD; that's our policy. However, large VUDs can end up costing the club lots of money, so try to remember to be brief when you can. In the meantime, we especially like to hear from new members and first time reporters. This is your club--why not contribute by checking in with your DXing results from time to time.

LONG HAUL UHF...Recently, Jim Pizzi in New Mexico has been finding out what it's like to live on the western end of one of the best long-haul tropo slots on the North American continent. What might be regarded as the "Sunbelt tropo path" extends from the edge of the Rockies in eastern New Mexico to the southern tip of Florida. On June 6th and 7th, Jim caught 1100 mile UHF ducting to Atlanta. What's next? When the season's right again, we're betting that many alltime DX records will be set by Jim; and Florida-to-New Mexico ducting is possible!

VOLUNTEER UPDATE...We've heard from a few members willing to take over the club positions that we mentioned in the last few issues. Many thanks to those who are offering to help. More word on this will be in the next VUD.

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CCI (UNIDENTIFIED DX) A Minnesota mystery cleared up57



MAILBOX

John Zondlo 1308 SW 74th, Apt. 421 Oklahoma City, OK 73159 (405) 681-5991 Deadline: 5th

New Members: Michael Florek

Gord Lansdell George Mileon Clifford Rames David Raudenbush Fatrick Rudolph 458 W. Rodney French Blvd.

156 W. 18th St. 14 Border St. 5724 Grant St., Apt. N RD 4, Box 404 382 Allen Drive New Bedford, MA 02744

N. Vancouver, BC V7M 1W4 Lynn, MA 01905 Hollywood, FL 33021 Pine Grove, FA 17963 Wadsworth, OH 44281

Renewals:
Earl Albin, Richard N. Allen, Gerald Barkow, John Basehore, Murray
Bernstein, Bill Coleman, David Curvin, Mike DeRoo, Mike DeWan, Fatrick
Durkin, Jr., John Ebeling, Jim Gill, Lawrence Glass, Robert Goodman,
Christopher Hanley, Robert Heckenlively, James Herkimer, Jim Jennings,
William Johnson, James Kingsbury, Paul Kinnaly, Jr., Jim Korn, Rolland
Lindblade, Tom Little, Nick Lombardi, Alan Michalek, Randy Miltier,
V. Noffsinger, Rod O'Connor, Ronald Furdue, Daniel Sampson, Pete Skinner,
Dr. James Snow, Steven Sprachman, James Stiles, Harry Teufel, Uphonse
Tobia, Roger Winsor, Jeff Wolf, Tracy Wood, Robert Zent.

Rejoin:
Richard Troyer-13130 Wooster St. NW-Massillon, OH 44646

Address Changes:
Saul Chernos-79 Ridge Drive-Toronto, ON M4T 1B6
Ronald Green-1603 Campbell-Building 3, Apt. 11-Joplin, M0 64801
David Legler-128 E. Magnetic St.-Marquette, MI 49855
Frank Luman-5056 E. Hinsdale Place-Littleton, CO 80122
Lee Prescott-1902 E. Washington, #53-Harlingen, TX 78550
Rich Turcsany-37 Windsor Place-Fairfield, CT 06430
Don Voegele-137 Colton Place-San Jose, CA 95110
Richard E. Wood-4337 Shaw-St. Louis, M0 63110

Renewals Due in September: Howard Bartlett, Mike Bugaj, John Clemmer, Doug Dornbos, James Filler, Richard Gagnon, Jim Gould, Glenn Hauser, A. Lazarus, Kurt Nelson, Richard Prelinger, Robert Ross, Edward Sirovy, John Walters, Larry Weil, David Wilson.

Leading off the new members this month is GEORGE MILEON. He writes. Your TV Atlas listed a GW Electronics as a source for TV equipment. Do not buy anything from this guy, in that he has never delivered on an order made last February, 1981, nor has he made a refund. I presently have the postal inspectors and bank authorities in Indiana checking into this quy. In early January I received a test pattern on my TV of a WSTG. No channel number was on the pattern, but according to my TV it should have been channel 62. Does anyone in your association know anything about this station? I have not see the pattern since. My antenna was facing west from Lynn in order to get the best reception of this station, a picture which was very good indeed. Is anyone interested in FM quad info? WBCN in Boston was broadcasting in quad some time ago, and may be doing so again in the near future, if I read my information from Technics correctly. There are about 15 FM quad receivers in MECN's storeroom. I was supposed to get one to listen to the test broadcasting thanks to the efforts of DB magazine. The testing went as scheduled, but the station engineer balked at giving me one of the quad receivers. Is subscription TV an area of interest to you as well as MDS broadcasting?" Welcome to the club, George. The answer to the last question, incidentally, is yes.

Next up is CLIFFORD RAMES, who is associate director of R&D at the University of Miami School of Medicine. Here's his DX gear: Sears color receiver, Rayson UHF preamp (Performer II), Radio Shack 15-623 indoor UHF antenna, homebuilt 13 element yagi antenna tuned to channel 34, homebuilt indoor double-rhombic UHF antenna (rotatable). He writes, "I have been DXing for about 8 months, mostly UHF. I have logged all S. Florida (continued on page 58)

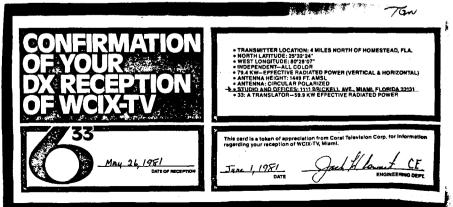
QSL CORNER

TV-OSL

Thomas J. Yingling, jr. 221 Pinewood Road Baltimore, MD 21222

AL	TITUY /	Desker D 0 Des 1000 26200 I
AL	WIVI 4	Dothan, P. O. Box 1089, 36302. Just only send Me the coverage-map & the Southern Alabama TV-Guide edition in 9 days. Purdue
DE	WDPB 64	
0.0		reply in 29 days.
IL	WFLD 32	Chicago, 300 N. State St, 60610. Just send only the coverage-map & program
		schedule in 7 days. Purdue
IA	KTIN 21	o, a series and a
		Rosemary Hoover, Admin. Asst. Eng. in 6 days. Purdue
LA	WBRZ 2	ig., megineria ke, income dara, no beginera keese
	KTBS 3	
MT	KTVQ 2	Billings, Box 2557, 59103. Letter from J. R. Middleton, CE in 10 days. Durkin
NJ	WWAC 53	Atlantic City, 530 Atlantic Ave, 08404. Letter after follow-up from Daniel J. Merlo, CE. Holbrook
	LIDRY 65	
	WKDV 03	Vineland, P. O. Box 2300, 08360. Send back prepared card after follow- up, signer was Carmen Coluski. Holbrook
ОH	WRTT 64	
OII	WD11 04	Cincinnati, 5177 Fishwick Dr, 45216. Letter from J. P. Foley, ce in 60 days, and also send a promo package to me. Ross
	WUT7 10	
	WIII 10	Zanesville, Lind Arcade Bldg., 43701. Letter from C. E. Hartmeyer, CE in 35 days.
	WUAB 43	
	HOAD 45	with full data on tower & transmitter. Ross
PA	WVIA 44	
I A	WAIN 44	, in the same and
SD	KDLO 3	
317	KDEO J	Artes (?) (from my QSL the name is Marge Artus, Engr. Secy. ed) Reply
wv	WTDE 7	back in 2 months. Reese Wheeling, 96-16th St. Send QSL Card in 4 months, full data 2 colour card
m v	WIKE /	with no signer. Ross
WI	W55AD 5	Memononie, 800 Broadway St, 54751. Letter received in 6 days from James
**1	WJJAL J.	Kissinger, Reg. Rep. Translator is in River Falls, WI (what station does
		they relay? ed) Resinger, keg. kep. Itansiacor is in kiver raits, wi (what station does Purdue
	WTV 18	Milwaukee, P. O. Box 1818, 53201. Letter back in 4 days from John Kalpus,
	MAIA 10	CE. Also send a copy of their coverage-map & schedule. Purdue
	WAOW 9	
	"HOW"	work, ADI fact sheet, & schedule from Chandler Campbell, Asst. Eng in
		5 days. Purdue
wv	KTWO 2	Casper, 4200 E. 2nd St. Card from Steve Broomell, CE in 3 months. Durkin
1	11110 2	oasper, 7200 E. 2nd St. Oate from Steve Broomers, CE In S months. Durkin

Reporters this time are: Purdue, Holbrook, Reese, Ross. And the QSL Card below is from Reese; I think! No name on it, in my to use items folder. This brings up a good point. When you send in copies, please have notes on paper to explain the qsl if possible, like address, name of signer, & etc. as the above items are typed in order. ALSO: I am running very, very low on TV QSL items to use, and have only 3 items left to do of TV as of this typing, and have plenty FM QSL to do. So, please get on the ball & report to TV's! 73's for now.





Bill Fahber 336 Atlantic St. Bridgeton, NJ, 08302

_ \				Bridgeton, NJ, 08302
API	PLICAT	CIONS	FOR NEW BROADCAST STATIONS	21 3622 1849 Florence, SC; Southern Metro
			CITY/STATE/APPLICANT	Telesystems, Inc.
59	2027	101/	Sanger, CA; Sanger Telecasters Fort Walton Beach, FL; Fort	28 4404 827 Panama City, FL; Kenneth B.
"	2057	1014	Walton Beach Broade's Corp.	Darby et al. 64 1000 1063 Kalamazoo, MI; Channel 64, Inc.
15	191	697	Wichita, KS; Kansas Public	52 820 340 Oklahoma City, OK; Satellite
`			Telecommunications Service Inc.	Broadcasting Company
30	76.4	447	Shawnee, OK; Canadian Valley	NOTE: On construction permit modifications I
٦	1.0	1000	Television, Inc.	will attempt as of this month to indicate
۱°	158	1000	Johnstown, PA; Johnstown Tele- vision Company, Inc.	with an asterisk (*) which CP's refer to
61	1291	1035	Houston, TX; Houston Family	stations already on the air.
	,	,	Television, Inc.	APPLICATIONS TO MODIFY CONSTRUCTION PERMITS
18	1288	539	Wichita Falls, TX; Thornberry	52 5000 1385 Cocoa, FL; WTGL
l.,			Television, Ltd.	20 5000 1482 Fort Myers, FL; WBBH-TV
21	1148	1973	Lynchburg, VA; Lynchburg Tele-	26 99.3 2110 Honolulu, HI; KSHO
10	/ 21	2007	vision Associates, Ltd.	42 1288 2807 Concord, CA; KFCB
1	4061	2007	Fajardo, PR; Ana G. Mendez Educational Foundation	30 1321 988 Fort Myers, FL; WSFP-TV 12 316 1403 Pembina, ND; KWBA
14	28.2	313	Jacksonville, FL; West Central	16 1140 1150 Dayton, OH; WPTD
ľ			Illinois Educational Telecommu-	20 2239 1201 * Waterbury, CT; WTKK; TL to
L			nications Corporation	Peach Orchard Road, Naugatuck
22	24.1	519	Macomb, IL; West Central Illi-	65 93.1 422 Beattyville, KY; Hour of Harvest
l			nois Educational Telecommuni-	35 3548 1096 Marshall, TX; Holt-Robinson of
52	105	1020	cations Corporation Ithaca, NY; Ithaca TV Associ's	Texas, Inc.; TL to State Highway 300; 1.9 miles east of East Mt.
12	5000	1093	Houston, TX; Texas Educational	
ł			Network, Inc.	CONSTRUCTION PERMIT MODIFICATIONS GRANTED
61	316	1167	Houston, TX; Deborah A.Richard Houston, TX; SMJ Telev. Co.	24 ? ? San Juan, PR; WSJN-TV; change TL to 0.4 mile northeast of Luis
61	5000	1145	Houston, TX; SMJ Telev. Co.	Santella
			Houston, TX; Patricia B.Steele	30 89.1 610 Meridian, MS; WLBM-TV; TL 0.8
ľ°'	5000	1957	Houston, TX; Urban Broadcasting Systems	mile south of Meridian
59	656	224	Fresno, CA; West Coast Communi-	15 536 1143 Centralia, WA; KCKA
ı .	-	•	cations Group, Inc.	67 1429 288 * Canton, OH; WOAC
14			Houston, TX; Amervision Corp.	40 3390 880 Talahassee, FL; WTWC 26 99.3 2110 Honolulu, HI; KSHO
31	582	1055	Fort Worth, TX; Educational	14 1500 1285 Hays, KS; KSMH-TV
15	0 10	1100	Television of the Southwest, Inc Christiansted, VI; Telarvah	
1''	ر، ۵۰	1100	Communications Company	APPLICATIONS TO CHANGE EXISTING FACILITIES 11 135 1280 Louisville, KY; WHAS-TV
22	•526	104	Mayaguez, PR; Alvarez & Escabi	68 2667 1455 Newark, NJ; WWHT; TL to 350
			(ERP may be wrong, as aural	Fifth Street, New York City
			is 0.48 kw, and should be about	67 2483 714 Smithtown, NY; WSNL-TV; TL to
L.			10% to 20% of ERPvis.)	0.62 mile southwest of intersec-
64	91	411	Naranjito, PR; Art Broadcasting	tion of Rocky Point Road and
├-			Corporation	Miller Place Road, Middle Island 32 1236 820 Montgomery, AL; WKAB-TV
			DISMISSED BY THE FCC	31 2240 2220 Hartford, VT; WNNE
* 1	lints	rille,	, AL; ch. 54; C. Michael Norton CA; ch. 62; Riverside Telecas-	
	rs, I		one one introduce reflection	CHANGES IN EXISTING FACILITIED GRANTED BY FCC 20 2239 1200 Waterbury, CT; WTXX (temporary)
			MI; ch. 64; West Michigan Fami-	14 1412 4188 Albuquerque, NM; KGSW
1у	Comm	mica	tions, Inc.	61 2218 974 Chattanooga, TN; WRIP
* !	Oklah	DEMAR. C:	ity, OK' ch. 52; TV 52 Broade'g.	43 1548 523 York, PA; WSBA-TV
1.	manch Amet:	ester	, NH; ch. 50; Channel 50, Inc.	2 100 1930 Houston, TX; KPRC-TV; TL to 0.55
_			; ch. 42; Pappas Telecasting	mile south of Rte. 2234; 1.15 mile east of Missouri City Line
			PERMITS GRANTED BY THE FCC	48 1170 1900 Huntsville, AL; WAFF
lo ₂	18.6	422	Beattyville, KY; Hour of Har-	7 55.6 1688 Chicago, IL; WLS-TV; began 6/2
10	24.1	1.17	vest, Inc. Thief River Falls, MN; Olmstead	Late Neves WNIIV oh. 5/ Reltimore, MD.
l ''	~401	441	Enterprises, Inc.	began transmitting 7/1/82 with scrambled
59	1197	1456	Lebanon, PA; The Great Lebanon	programming. They began test patterns on
_			County Telecasting Corporation	6/29/82.

CALL LETTER APPLICATIONS: NEW STSTIONS CH CITY/STATE/APPLICANT WLJC-TV 65 Beattyville, KY; Hour of Harvest KEHB-TV 26 El Paso. TX: Paso Del Norte Bc'g KKAQ-TV 10 Thief River Falls, MN; Olmstead Enterprises. Inc. 62 Syracuse, NY: The Great Onondaga County Telecasting Corporation 59 Lebanon, PA; The Great Lebanon County Telecasting Corporation WSMF 21 Florence, SC; Southern Metro Telesystems. Inc. 3 Glenwood Springs, CO; Western Slope Communications, Limited.

CALL LETTER APPLICATIONS: CHANGE EXISTING 55 Springfield, IL: WBHW KSNC 2 Great Bend, KS: KCKT KOOD 14 Hays, KS: KSMH-TV KSNT 27 Topeka, KS: KTSB **KSNW** 3 Wichita, KS; KARD-TV KNAT 23 Albuquerque, NM; KLKK-TV

CALL LETTERS ASSIGNED: NEW STATIONS 51 Ocala, FL: Big Sun Television WBSP KIDY 6 San Angelo, TX; Sage Broadc'g KVNJ-TV 15 Fargo, ND; Fargo Broade'g Co. 39 Miami, FL: 39 Broadcasting Co. KBSI 23 Cape Girardeau, MO; Cape Girardeau Family Television. Inc. 19 Madisonville, KY; Life Anew

Ministries, Ínc. 38 Greenwood, SC; South Carolina ETV Commission

CALL LETTERS ASSIGNED: CHANGE EXISTING WHRS-TV 42 West Palm Beach, FL; WWPF WNEV-TV 7 Boston, MA; WNAC-TV (5/22/82) WCPX-TV 6 Orlando, FL; WDBO-TV

KGMB 9 Honolulu, HI; KGMB-TV WMOD 43 Melbourne, FL: WKNA

SUBSCRIPTION TELEVISION HAPPENINGS: The recent trend toward deregulation had finally hit at STV regulations. The FCC deleted its complement-of-four rule, one of the rules holding up WBFF-TV, ch. 45 in Baltimore, from becoming STV. The rule requiring at least 28 hours on non-subscription programming per week was also dropped.

Also dropped was the rule requiring that decoders be leased and not sold. These regulations were originally adopted with the intent on protecting conventional television. but it has since been found that protection was unnecessary, and that the STV

regulations had actually hindered the growth of UHF television.

ABC Television Network has been planning "Home View Network" which would provide scrambled programming to owned-and-operated stations as well as affiliates on a nationwide basis. The FCC has granted STV approval to all five ABC-owned stations, all of which are on channel 7: KABC in Los Angeles: KGO-TV in Lan Francisco; WLS-TV in Chicago: WXYZ-TV in Detroit, and WABC-TV in New York City. STV approval for Home View Network was also granted to ABC affiliates.

CONSOLIDATED HEARINGS

• Lakeland, Florida; ch. 32; Lakeland Telecasters. Inc.; Plaza Broadcasting, Inc.; Figgie Communications, Inc.; Mid-Florida Telecasters. Inc.; Public Interest Corporation. Inc.; Channel 32, Inc.; Manning Telecasting, Inc. Mid-Florida, meanwhile, is having problems with its proposed tower location; It seems that 2107 residents of Lake County, Florida signed a petition against the TL. Also opposed are several city mayors, city councils, and many other private individuals and families. They are all questioning the impact on the quality of human environment, detracting from the natural beauty (lakes, hills, orange groves, etc.), zoning and planning complications, and many other issues.

Akron, Ohio; channel 55; Ebony Blackstar Broadcasting Corporation; Rhema Television Corporation; Akron Telecasting, Inc.; Ohio Telecasting, Inc. Owners of WAKR-TV, ch. 23 in Akron, are protesting OTI out of fear of competition, hinging on the arguement that OTI's proposed TL is midway between Akron and Cleveland, putting the question as to which community it wishes to serve. OTI proposes STV as a source of income.

RESULTS OF CONSOLIDATED HEARINGS: • Des Moines, Iowa; channel 17; all applicants withdrew their applications except The Independent Broadcasting Corporation, which was granted a construction permit. • Wilmington, North Carolina; channel 29: FCC dismissed application by Cape Fear Television, Inc. and granted CP to Wilmington Telecasters, Inc.

OTHER FCC ACTIONS:

 FCC vaived its rules restricting use of TV aural subcarriers to permit WILL-TV, Urbana-Champaign, Illinois to transmit programming on its subcarrier, but deferred action on a similar request by WTTV in Indianapolis. IN. • The FCC granted action to four Charleston. SC television stations to move their transmitters to a common site 15 miles northeast of Charleston.

STATIONS ON THE AIR: • WKOI, ch. 43, Richmond, Indiana; 2296.2 kw ERPvis.: 987' HAAT (1903' above sea level); TL at Route 73, Collinsville; began 5/11/82; address: Trinity Broadcasting of Indiana. Box 1075, Richmond, Indiana, 47374 WILW, ch. 44, Lima, Ohio; 904.9 kw ERP; 677' HAAT; 1532' above sea level; TL at studio, 1844 Baty Road, Lima; began 6/13/82; address: American Christian Television Services, 1844 Baty Road, Lima, Ohio, 45807

STATION OFF THE AIR: WWAC-TV, ch. 53, after almost one full year of broadcasting in Atlantic City, NJ. on 6/21/82 at 7:00 p.m. EDT. Financial problems.

NETWORK CHANGES:

Effective 9/11/82, WSAV-TV, ch. 3 in Savannah, Georgia will become ABC (now NBC); WJCL, channel 22 in Savannah will change from ABC to NBC.

FCC TV NEWS TELETEXT STATIONS:

KIRO-TV, ch. 7 in Seattle, Washington, is experimenting with CEEFAX. WGBH-TV. channel and WGBX-TV, channel 44, both in Boston, Mass., will experiment with ANTIOPE. Also, on the night of 6/21/82. I noticed WAAT in Wildwood, New Jersey, which doesn't have a direct link with NBC, but rather relays KYW-TV in Philadelphia instead during network programming, relaying WNBC in New York that night. During the network programming, teletext signals of some type were being transmitted on lines 15 and 16 of both fields. So apparently WNBC, channel 4 in New York, has been using teletext. Can somebody confirm this and provide more information?

FORTIM.

Leslie Price reports that construction of WWAY's tower in Wilmington, North Carolina is under way, and expected to be used on August 2. 1982. The tower is 5 miles southwest of Winnebow, North Carolina. He also included a clipping from a newspaper's legal notices, which I didn't think anybody ever read. It's a public notice stating that ABC filed an application with the FCC requesting a limited STV authorization to provide subscription programming over WWAY for three hours between the hours of 2:00 and 6:00 a.m. Eastern time. The hours on which nationwide hours are proposed are 2:00 to 6:00 a.m. Pacific and Eastern times, and 1:00 to 5:00 a.m. Central and Mountain times.

A clipping sent in from Bill Thompson from the 3/20/82 Buffalo News giving detail on the consolidated hearing on channel 49 in Buffalo, which was mentioned in last month's column. The FCC granted the application of Bison City Television 49, and dismissed the application by Unific Broadcasting Company because of lack of financial qualification. Unific was constantly changing its financial proposals, claiming credit which it didn't have, and hoping for a loan deal which fell through. The article gives some insight into the process of a consolidated hearing. An administrative law judge determines such things as financial ability to construct a station (also environmental impact, hazard potential to air navigation, multiple ownership of other stations, etc. which were not factors here and not mentioned in the article.) and makes a decision. The decision is then recommended to the Commissioners and subject to approval by them.

Another clipping sent in from Bill is from the 5/5/82 Buffalo Courier-Express, mentioning that the Western New York Public Broadcasting Association, owner of WNED-TV, channel 17 in Buffalo, filed an application for channel 23 in the same city (see the 6/6 column). This is in response to an earlier application by Commonwealth Foundation for

Public Broadcasting (see 5/82 VUD). WNED-TV proposes 66 hours of broadcasting over ch. 23 to start, later building up to 115 hours. The article quotes a Portland, Oregon paper a Massachusetts foundation, would want to

apply for stations in other states (Portland. OR; San Antonio, TX; Washington, DC). Apparently there are presently nopublic television stations owned or operated by a licensee from outside that (the station's) state. Leslie Price has been keeping a close eye on KTMA and WFBT. KTMA hopes to be on the air by 9/1/82, and WFBT plans for 10/1/82.

From Paul Swearingen, this article in the Iola, Kansas Register, 6/10/82. The Kansas State Network is building a translator tower 25 miles southwest of Moran, Kansas, to rebroadcast KTVJ, ch. 16. Joplin. MO. cured by KSN, and educational station KTWU, Topeka. The KTWU signal from the translator is planned to be picked up by another future translator in Independence, MO, hopefully without the use of a translator relay medway. which would cost an extra \$50,000.

From Tom Yingling, several articles. One mentioning theelimination of FCC rules for STV. which were discussed earlier. Another article tells about the latest in television receivers, manufactured by Suwa Seiko Co. That's right! Seiko, the company that makes wrist watches. This is a 1.2 inch television using a liquid crystal instead of a picture tube, on a wristband; this device also has FM radio, tells time, date, and has an alarm! It's only a third of an inch thick, has headphones to go with it. It will be on the market early next year. Another clipping sent in from Tom describes the plans of Christian Enterprises, Inc. for eight LPTV stations and six translators to cover large areas of Virginia and the Carolinas with the National Christian Network. Although written later than 3/12/82, it expresses the hopeful atmosphere prevalent about LPTV before the freeze. It will be interesting to see how many, if any, ever come to pass. (Especially the proposed LPTV on the nonexistent channel 37. in Sumter, South Carolina.)

Bill Draeb confirms that WKOI, ch. 43 in Richmond, Indiana, is on the air, and says they have religious programming.

And now it's time for me to once again pick on WDPB, that whatever-it-is on channel 64 in Seaford, Delaware. If you don't think it's a translator, you should see it pick up WWBT in Richmond when WHYY signs off. And another thought: WHYY is now broadcasting tradional commercial advertisements as one of ten PBS stations taking part in the alternate-funding experiment. Is WDPB, as a licensed broadcast station and not part of this project, illegally broadcasting these same commercials simultaneously with WHYY?

As if bankruptcy isn't enough of a problem for WRBV-TV, ch. 65 in Vineland, NJ, more problems are arising. For one, this question was brought up: Does a municipal zoning board have jurisdiction over state property? The Appeals court says yes, and WRBV, which was granted a tower in the state pinelands, must now get municipal approval or take it down.

And the state is creating more problems for WRBV. It wants to cancel the lease on that tower. Time will tell is WRBV survives or which questions why Commonwealth Foundation, goes off the air for good. Along with WWAC, it may fall victim to the UHF handicap.

Rruce F. Elving, Ph.D., Editor 4515 Avenue "E" Kearney NE 68847, U.S. A.

New FM Stations Authorized At. Evergreen WTH 93.5 3000 h.v.; 235"; kr AR Murfreesboro 95.3 3000 h,v; 300' CO Wray 98.3 3000 h,v; 13' FL High Springs 104.9 3000 h.v: 300': k FL Madison 104.9 3000 h.v; 300'; rock GA Cairo 102.3 3000 h.v; 300'; rm IL Charleston *88.9 4000 h,v; 165' E. IL. U. IN Indianapolis 107.9 44000 h,v; 525'; mi. People's. Initial decision, subject to reversal, IA Hampton 104.9 3000 h,v; 300'; rm IA Osceola 107.1 3000 h,v; 300' MO Columbia 101.7 3000 h.v: 3001 SC Gaffney *91.1 g, 98000 h,v; 580', directional antenna -Bible Broadcasting TN Bristol *91.5 1606 h,v; 2290', Appelachian **Educational Communications Corporation**

TX Kenedy 92.1 3000 h.v: 220' TX Winnsboro 104.9 3000 h.v: 300': m WV Westover 100.9 3000 h,v; 265' Facilities' Changes Authorized AL Ozark WOAB 104.9 2500 h.v: 270'

AK Anchorage KSKA from *103.1 to *91.1 [first AK station outside of military to invade 88-98 portion of FM band] 36000 h,v; 110' CA Auburn KHYL 101.1 36000 h.v; 580' CA Marysville K220AG *91.9 [from K210AA 89.9] ON AIR; well received 160 km away on DX equipment.

CA Pasadena KPCC *89.3 700 h,v; 2760'; reduces coverage to 30, 70 miles (primary, secondary) CA San Bernardino KOLH 95.1 50000 h, 48,000v (320').

CA Santa Ana KWIZ-FM 96.7 200' (3000 h, / CO Salida KVRH-Fm 92.1 3000 h,v (-11207) FL Avon Park WW0J 186.3 1900 by (310)[(570) GA Washington WLOV-FM 100.1 s (from rock) FL Titusville WAJX 98.3 2000 h,v; 355' FL West Palm Beach WNGS 92.1 2000 h.v: 380' GA Atlanta WSB-FM 98.5 920' (100000 h,v). O Net. IA Fort Madison KBKB-FM 101.7 NBC, rm ID Salmon KSRA-FM 92.7 1510 h,v; 880' IL Decatur WJMU from 89.9 to *89.5 265; 115' IL Harrisburg WEBQ-FM 99.9 32000 h,v; 620' GA Marietta WGHR *102.5 250' (16 watts h,v) IL Waukegan WXLC 102.3 2300 h,v; 350' IN South Bend WET L *91.7 3000: 300' [120' IN Valparaiso WVUR from 89.5 to *95.1 36w; / KIWA-FM 105.5 290' (3000 h,v) LA Lafavette KRVS *88.7 500' (100000 h.v) MD Annapolis WFSI 107.9 50000 h,v (500') MN Minneapolis WCTS 100.3 100000 h,v (430)

MD Salisbury WICO-FM 94.3 adds vectical WKYZ 105.5 1700 h.v: 385' MA Buston WUMB *91.9 200 h,v, no DA (170') mA winchendon WXYW 97.7 1270 h,v; 440' MI St. Johns WOTK-FM 92.1 300' (3000 h,v) MI Warren WPHS from 91.5 to *89.1 110 h.v; 110' NV Elko KRJC 95.3 k, UPI Audio MQ Springfield RWTO-FM 98.7 75000 h,v; 550' MT Shelby KZIN"-FM" 96.3 100000 h, 65000v. 690'. NE Mc Cook KZMC 105.3 100000 : 400' NE Ogallala KMCX from 93.5 to 106.5 100000 h.v: 300'. Seemed quite confused when I called; could not locate station license to read correct HAAT; finally claimed they found it! NV Reno KSRN 104.5 2925' (25000 h.v) NJ Highland Park WV HP *90.3 now said to be 150 watts----, and rock music format. NJ Union WKNJ to *90.3 (from 90.5) NY Brooklyn WKRB bounces back to *90.9 from *103.1, after NY's "Apple" WAPP 103.5 heard it and complained to ECC NY Patchogue WALK-FM 97.5 45000 h.v. 540' NY Patterson WRVH 105.5 1300 h,v (460'); \$.

NY Staten Island WSIA *88.9 said to have in-

NY Woodstock WDST 100.1 2900 h.v; 305'

creased power; maybe some convention-goer can

NC Kannapolis WR KB-FM 99.7 50000 h,v; 330' NC Salisbury WNDN *102.E 9 watts; 21' ND Jamestown KODJ-FM 95.5 41000 h.v: 390' OH Youngstown WYSU *88.5 31000 h, 18000 v (110'). OR Ashland KSOR *90.1 35000h.v:2690' PA Chambersburg WI KZ 95.1 directional, claims to have 280', but this doesn't agree with FCC data PA Harrisburg WTPA 104.1 15000 h,v (950') PA Reading WXAC *91.3 220 (h): -23' SC Anderson WAIM-FM 101.1 100000 h.v (780') TX San Antonio KLLS 100.3 100000 h, 50000v, 670'. VA Farmville WFLO-FM 95.7 50000h,v (300'). VA Petersburg WPLZ 99.3 2500 h.v; 330' VA Warrenton WWWK 107.7 20000 h, 17000v:840* WI Beloit WBCR from 88.1 to *90.3 100: 45' WY Casper K269AM 101.7 vertical only; has poorer signal than K204AD *88.7 Casper Formats/Networks AL Decatur WRSA 96.9 CRS WDRM 102.1 rock and country AT Calgary CKRY 105.1 100000 h,v; k, ON Air! AZ Flagstaff KAFF 92.9 k, "Kaff", KSOJ 93.9 g AR Little Rock KLPQ 94.1 k."KFM-94" KLAZ 98.5 to soul AR Salem KSAR 95.9 NRC CA Buena Park KBPK *90.1 rock CA Chica KCHO *91.1 cr, some jazz; †TB CA Lemoore KQYZ 104.9 NBC's The Source (T)

CA Los Angeles KLOS 95.5 rk CA Red Bluff KALF 95.9 k [ountry] CA San Diego KEZL 102.9 rm CA San Jose KLEL *89.3 Mutual CO Castle Rock KRKY 92.1 rock, FM-92 DC Washington WPFW *89.3 no Dolby FL Tampa WJYW 100.7 k for sure GA Manchester WOCK 93.3 k-1 wish you reporters would agree on this station's format; it vo-vos IN Linton WQTY 93.5 rock IN Washington WFML 106.5 rock and country KY Gravson WUGO 102.3 UPI Audio KY Madisonville WKTG 93.9 rock & country KY Morehead WMO R-FM 92.1 rock (no S) ME Lewiston WAYU 93.9 rock

ME Norway WOXO-FM 92.7 country ME Skowhegan WTOS 105.1 rp (was NBC). MA Boston WHUE-FM 100.7 D (ABC Direction:/ MA Orleans WKZE-FM 104.7 Mutual MA Springfield WQAY 102.1 rp MI St. Ignace WMKC 102.9 k, AP Audio, "Nor-

them Michigan Country" MN Rochester KWWK 96.7 rock MO Kansas City KWKI 93.3 rock MT Bozeman KBZN 93.7 T (NBC's The Source) NE Chadron KOSK 97.5 Y (from A), rare tS SCA, no \$ when broadcasting SCA.

NH Berlin 103.7 still on air as WXLQ NJ Long Branch WMJY 107.1 rock NY Corinth WSCG 93.5 k NY Glens Falls WYLR 95.9 rp NY Symouse WCNY-FM *91.3 ci NC Elkin WIFM-FM 100.9 rock (no \$) NC Hickory WHKY-FM 102.9 g, "Gospel One"

NC Movock WQZQ 92.1 country NC Wanchese . WOBR-FM 95.3 NBC OH Columbus WR MZ 99.7 rm, to change to WZSR PA Greencastle WKSL 94.3 kg PA Lancaster WDAC 94.5 UPI Audio

SD Gregory KKSD 101.5 k, K-101 ON AIR (sign on 5:30 a. m.); 100000 h,v; 640'; \$, blank SCA. TX Alice KBIC 102.3 k TX Brownwood KOXE 101.5 NBC (not Mutual, E)

WY Casper KAWY 94.5 rock, KY-94, no SCA WY Cody KTAG 97.9 Transcom (satellite) net-WY Powell KPCQ 92.9 UPI Audio, "Q-92"

work, whatever that is!

WY Worland KEMB 95.9 rock, Y network SA Regina CKIT is 104.9 m, \$, 100000 h,v, "Stereo 105"

SCA [† 67 kHz] News CA Fresno KKDJ 105.9 †X [jection] CA Los Angeles KPFK *90.7 +X (about 3% in-/ KRTH 101.1 no SCA CA St. Helena KVYN 99.3 tT (a program on

gourmet cooking heard) CO Boulder KGNU *88.5 †X CO Denver KCFR *90.1 tTX (talking book for the blind plus hi-frequency data noise) CO Fort Collins KCOL-FM 107.9 music IA lowa City KRNA 93.9 adds SCA (again) KS Wichita KICT 95.1 1X (Farmers Grain & Livestock, Des Maines) MD Westminster WTTR-FM 100.7 adds SCA MI Sault Ste. Marie WSUE 101.3 no SCA

NJ Newark WRGD *883 no SCA WHB1 105.9 ethnic (Greek, weekends) NJ South Orange WSOU *89.5 no SCA NY New York WNYE *91.5 no SCA

WCBS-FM 101.1 F (financial news in clear voice from Dow Jones) WKHK 106.7 no SCA (Sino disappears, or

is it on WVN J-FM 100.3?) NY Syracuse WCNY-FM *91.3 talking book NC Reidsville WWMO 102.1 music PA Mechanicsburg WQVE 93.5 no SCA WY Cheyenne KFBQ 97.9 no SCA, KKAZ 100.7

TX (also heard on Casper 101.7 translator) Stereo CA Turlock KCSS *91.9 rock and classical

CT Stamford WYRS 96.7-finally! GA Cumming WWEV *91.5 (listed as \$ in Feb. column in spite of doubts; June VUD had wrong calls for this station)

IN Chesterton WDSO *89.7, to be "Stereo 90" IN Salem WSLM-FM 98.9 MD Baltimore WSPH *96.7 r (having moved from 88.1, and improved signal with 19 h,v; 76' [has four FM loops, not 2, and higher tower]) MI South Haven WCSY 98.3 NE Broken Bow KBBN 98.3 mr ON AIR

NC High Point WGLD 100.3 "Gold" NC Lexington WLXN 94.1 still g with music SCA TX Kingsville KODK 92.7, rock

WV Keyser WQZK 94.1 Q-94-FM Deletions

CA Long Beach KSUL *90.1, said to have gone off when KCRW *89.9 Santa Monice vastle improved its facilities. Rumored deletion of KNHS *89.7 Torrance not so-it was recently heard by another reporter, despite proximity to strong KCRW 89.9. ME Brunswick WBHS *91.9 off air-apparent deletion. [bankruntey. ME Houlton WRNE *89.1 off air-school in /

OFF THE AIR-Deleted? CO Estes Park K237AF 95.3 WY Glendo K280AX 103.9 (supposed to move / Slogans/NonIDs

CO Colorado Springs KKFM 96.5 96-Rock GA Columbus WCGQ 107,3 back to 107-Q (101) GA Perry WPGA-FM 100.9 Magic-101 (not FM-/ IL Chicago WBBM-FM 96.3 96-Now, frequent

user of that slogan plus "WBBM-FM" jingles IN Fort Wavne WFWQ 95.1 95-Q, not Q-95. KY Hartford WLLS-FM 106.3 k, U, LS-106 KY Prestonsburg WOHY 95.5 Q-95 MD Salisbury WOHO 104.7 QHQ (from Q-105) MI East Lansing WKAR-FM *90.5 FM-90 MS Jackson WXLY 96.3 96-XIV MS Vicksburg WKYV 106.7 KY-Country MO Liberty KKCl 106.5 KCl, rp NE North Platte KXNP 103.5 KX-104 ON AIR;

100000 h,v; 480'; \$, k NY Fulton WKFM 104.7 Magic (no "KFM")

NY Lake Success WAPP 103.5 The Apple, rp, †X NY Niagara Falls WZIR 98.5 Z-98, not NY Oswego WRVO *89.9 FM-90 NC Charlotte WBCY 107.9 108-FM NC Lumberton WJSK 102.3 Country-102 NC Rocky Mount WRSV 92.1 "92" OH Cleveland WKSW 99.5 KS-108

WWWM 105.7 Magic 105, now enft rock, expects to change call to WMJI PA Harrisburg WSFM 99.3 WS-FM99 SC Surfside Beach WYAK 103.1 Big Yak Country WV Mullens . WPMW 92.7 C-92. k. . \$ ON Barrie CHAY 93.1 Chay, Stereo 93 ON Timmins CFTI 92.1 FM-92.\$ ON Toronto CHUM-FM 104.5 Chum

Call Letters' Changes AZ Lake Havasu City 95.9 KBBC (KRFM) CA Bakersfield 94.1 KQXR (KLYD) CA Los Banos 104.7 KSNN (KLBS-FM) CA Yuba City 103.9 KUBA-FM (KXEZ), k CO Canon City 103.9 KRLN-FM (KSTX) CO Leadville 93.5 KLMC FL Greenacres (West Palm Beach?) *90.7

WHRS"-FM" (WHRS-FM) FL Sunrise *88.5 WKPX HI Kesiakekua 92.1 KOAS (KKON-FM) II Benton 106.3 WORL (WORX) IN Michigan City 95.9 WEFM (WMCB), still m IA Dubuque 105.3 KLYV (KIWI) KY Greenun 105.5 WLGC

MD Catonsville 105.7 WQSR (WKTK) MS Lexington 106.3 WLTD (WXMR) MO Kirksville 93.5 KTUF MO Liberty 106.5 KKCI (KSAS), rp, "KCI" NV Incline Village 100.1 KLKT | NC Dunn 103.1 NY Ticonderoga 183.9 WXTY WIDO (WQTI)

NC Edenton 102.3 WZBO OH Columbus 94.7 WSNY"-FM" (WVKO-FM) OH Lima 102.1 WIMT (WIQA), "T-102" OR Redmond 92.7 KZKD (KSBC)

PA Pittsburgh 94.5 WWSW"-FM" (WWSW-FM) SC Orangeburg 106.7 WIGL (WPJS), k, "Wiggle-

SD Percuping *90.1 KILI TN Franklin 100.1 WJKZ (WIZO-FM) TX Austin *90.5 KUT (KUT"-FM") TX Cameron 101.7 KCRM TX Devine 92.1 KDCI TX Edinburg *88.5 KOIR TX Kerrville 94.3 KERV-FM (KPFM)

TX Laredo 98.1 KRRG TX Mercedes 106.3 KTXI (KTMW) TX Whitehouse 99.3 KFML UT Logan 94.5 KMXL (KJKJ)

UT Tooele 92.1 KTLE-FM (KTLE) VT Randolph 102.3 WCVR-FM WA Seattle 102.5 KZOK"-FM" (KZOK-FM) WV Bethlehem 105.5 WHLX AT Calgary 107.3 CKIK. p.

AT Edmonton 92.5 CJAX k (urban country) 103.9 CISN, k (oldies) MB Selkirk 92.9 CFQX

Abbreviations Used This Column

*Educational station, \$ is stereo, h horizontal polarization, v vertical or circular polarization. DA directional antenna. Program codes: c classical, g gospel, j jezz, k country, m middle of the road (no rock), p progressive rock, r rock, s soul, t talk. Network Codes: A ABC-FM with ABC standing for American Broadcasting Company. C Columbia Broadcasting System, D ABC Direction, E ABC Entertainment, I ABC Information, K ABC Rock, M Mutual, N National Broadcasting Company, O CBS Radioradio, P National Public Radio, Y ABC Contemporary. SCA symbals, following t, include: E ethnic or foreign language, F financial or talking farm news (including Dow Jones II). M music, TB talking book for the blind, X is teleprinter or audible

Readers' Reports and Comments

"What is happening to FM radio these days? With the exceptions of classical and religious formats, stations are filling the airwayes with the same monotony. It seems that rock, album rock, contemporary, and country stations are more restricted and are not introducing new material that deserves credit. The decline of the record industry can be blamed in part, but most of the problem is in the broadcasters. The broadcasting industry is more worried about ratings than the people who they are licensed to serve. I've noticed the problem is worse in America's heartland, but it is noticeable even in New York and Philadelphia. Maybe it's just the calm before the storm, but if FM radio doesn't improve soon, it just won't be the good entertainment source it was in the past," writes James Lyons, Bound Brook NJ.

About WKRB Brooklyn: "The station, which was on 103.1 for almost a year, was booted back to the educational band with the help of WAPP 103.5. WKRB filed an application to the FCC for a change in frequency to 103.1 in 1981. WKRB never heard a reply from the FCC until they renewed the license and printed 103.1 on the form. After the station moved to 103.1 nobody made a complaint until WAPP took over the old WTFM, and protested. The FCC agreed and ordered WKRB back to their old spot. The presence of WKRB was never known to the people at WNEW-FM on 102.7."

Kansas City 93.3 has definitely gone rock, but Neil Zank heard them recently inviting listeners' comments about what they wanted heard on that frequency. He points out the word "Norfolk" missing from the FM ATLAS geographical directory. Nick Lombardi wanted help in deciphering the jumble on p. 84 in Grand Forks ND, which should be 94.7 KYTN. On p. 90 WRIO Radford VA has a frequency of 101.7, not "101.&." Nick adds: I agree with Andy Smith about eliminating "d" as a listing and changing all such items to "s." When disco first started in the mid-70s, it was strictly instrumental music with a distinctive beat and not in any way "black oriented." I really don't think that that form of music exists any more, as I never heer the term "disco" used these days. Stations which used to be "pure" disco [such as WPGA-FM 100.9 Perry GA] have gradually evolved into a smooth-sounding type of soul which is somewhat more civilized than the typical ranting, raving, wild-shouting which used to be the sence of Black soul music. . . If the \$ generator of KGO-FM 103.7 San Francisco remains on, an occasional stereo commercial may slip through, so dropping the \$ listing may be premature. (I will still leave the listing as a stereo station out unless I hear otherwise, using the same principle in dropping the listing for Canada's CKO- all news stations which do run their stereo generators, but for what I allege to be fradulent reasons.)

WHOM in Portland ME asked me to update the testimonial in which I credit them for the largest land-area commercial FM coverage in the United States, so I did. Chances are, they'll quote me in their sales literature. WWEB *89.9 Wallingford CT off the air summers, still 10 watts and may have trouble increasing wattage because of being 197 miles rather than the required 200 from the Canadian border. During the school year it is on about 6 p. m. to midnight and does some creative programming, although a high school in a neighboring community has applied for the 89.9 frequency. Richard Wood noted a time-sharing arrangement might work for them.

A judge halted the sale of HBO MDS antennae in Minneapolis, using Sec. 605 of the Communications Act as the basis of his action. Red Wing 105.5 now identifying as "K-Wing, KWNG FM 1051/2 Red Wing," so are using new calls. "Rotten rock, as well.

"I never want to be anyplace where there is no SCA! I am pleased with the G. E. Superadio that you sent me," writes Kent D. Delaney, a recent high school graduate from Greenville TX KFSI *88.5 Rochester MN writes: "We are still operating at reduced power due to the interference problem with Television Channel Six. Quite frankly, I don't understand why they have kept us at half power, as we've not had a television interference complaint in at least sixty days. However, that is in the Lord's hands and we'll wait to see what He'll do with it for us."

Von W. Mosser in WV feels that WISE 102.9 Cumberland MD must have bit the dust by now, thinking that they are not even on extremely low power; so maybe it's time for Hank Holbrook to take another drive into the mountain passes and have his Blaupunkt glued to 102.9! I was in Colorado's mountain country and noted no \$tereo on KVMT 104.7 Vail CO. A letter to them is unanswered. so I do not know if they have quit stereo for good or not. WRHY 92.7 said to be in York PA now, not Starview. This column goes by what the station says at the top of the Rochester, Mn. 55903

K-Faith Sound Inc. **Ko**₹ 33

hour in its legal identification, not stations' mailing addresses. Listen again to them! Also,

note if 106.7 identifies as Elizabethtown or Hershey. KHUM *89.3 Denver still not on air, and their telephone at 629-2510 was not answered when I was in Denver, Richard Perrin and others sent me clipping on WVGA, Simon Geller's 104.9 station in Gloucester MA. A few of you may have seen my letter in "Open Mike," Broadcasting, June 7 issue. WBLV *90.3 with 100 kw Twin Lake MI, a fine arts station, was to have signed on July 3. WIR-FM 96.3 Detroit wants to change call letters, possibly to WHYT, with m or rock. CONTRIBUTORS, July VUD: Frank Aden, Portland OR: Phil Boersma, Spring Lake MI; John H. Demmitt, Belleftone PA; Mike Dorner, Jr., Metairie LA; John Ebeling, Bloomington MN; Don Erickson, Riverside CA (who says KARO channel 1 was scheduled for operation in July, 1948, but apparently never made it); Lawrence J. Ernst, Ann Arbor MI; Eric Fader, Bayside NY; Ted Fleischaker, Louisville KY; Kevin Hilley, Lindenwold N.I. John M. Jefferson, Pleasanton CA: Mike Kohl, Homer AK: A. S. Lobel San Diego CA; John Major, KCMA Owesso OK (who says they are using regular satellite-relayed "live concerts from WFMT Chicago); David J. Nieman, Afron NY; Paul E. Petosky, WHUH Houghton MI; Raiph Strobel, Muncie IN; Phil Sullivan, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Acton MA; Drew Techner, Philadelphia PA; Bill Thompson, David La Nieman, Philadelphia Phil

Buffalo NY; John Zondio, Oklahoma City OK.

CONTRIBUTORS, this month: John W. Basehore, Shiremenstown PA (who also likes the GE Super adio for its selectivity and sensitivity), Jeff Blair, Lima OH; P. Boersma; Saul Charnos, Burnt River ON; John Clark, Casco ME; Tom Cornell, Greentown IN; J. K. Cowger, Greenup IL; Dwight Crabtree, La-Fayette NY; Chuck Crisler, who is establishing three FM translators near Greenwood AR; Kent Delaney, Greenville TX; J. Ebeling; Vernon Eaton, Benton AR; Bob Eptein, KLON Long Beach CA; E. Fader, Bayside NY; T. Fleischaker; Wendell Ford, Westville IN ("The FM ATLAS has made life more interesting and it would be dull and boring without it"); Steven Garren, Winder GA; Morris Goldman, Chicago I L; Dean Hannotte, New York NY; J. Horvath, Staten Island NY; J. Jefferson; Nick Lemona-Kis, Baltimore MD. Nick Lombardi, Atlanta GA; Eldon S. Luoras, Surrey BC; James Lyons, Bould Brook NJ; Greg Monti, Silver Spring MD; Yon W. Mosser, Keyser WY; D. Nies, Scholler H. Perrin, Brook NJ; Greg Monti, Silver Spring MD; Yon W. Mosser, Keyser WY; D. Nies, Scholler H. Perrin, Wells ME; Ronsid Purdue, Byron MN; P. Nussell, Orr i Stland ME; Polert E. Scholler R. Brunswick teletype as well as alphanumeric data and tones. NJ; Eddie Scott, Syracuse NY; John Sims, KFSI Rochester MN; A. P. Smith, Dilisburg PA; David L. Welcutt, New York NY; D. Wilson, Kent OH; Dr. Richard E. Wood, St. Louis MO; Tom Yingling, Jr., Baltimore MD; Neil G. Zank, Lincoln NE. 73,

check this one out!

Ralph Strobel, editor

2300 E. McGalliard Rd. Muncie, Indiana 47303

Deadline: the 5th

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

E-skip was quite prominent during the month of June. Many openings which were seen on TV didn't make it to the FM band, while others made a brief appearance into FM. Even so, there have been some fine E-skip days for everyone to enjoy up here in the north. June was a cooler month than usual with low humidity. This caused a rather poorly tropo situation. Now to the reports and many days of typing.

Frank Merrill - P. O. Box 7207 - Toledo, OH 43615 EDT - Phone (419) 866-8589

Hi! Hope that ALL of you are reading this while listening to a great 750 mile Tr logging or something, or that at least the DX season was a great one for you! This will see print near the end of the DX season. Therefore, my use of the past tense here, though this is being typed only on June 13 at 1 in the morning. Early indications are that this could be a banner FM skip season, as there were three different days with Es either on FM or Channel 6 in May, something I have NEVER noticed before! I am doing very little traveling during June and July, and am leaving almost absolute flexibility in my schedule, so that THIS time, when the all day Es "barnburner" comes. I can listen to it! I have been DX'ing FM for seventeen years (as of June 10, which I celebrated by getting a nice Au logging), and I have yet to encounter one of those day long Es openings (MUF to 107.9+ for six to ten hours in one day), and have unobstructed use of good equipment to DX with! Last June 25 was the closest I've come to that, but the skip was at 107.9 for less than one hour total and there was a guy from England here buying records from me and I had to ferry him back and forth. Now that I've "freed myself up" 90% of the time, my luck will mean that the "barnburner" will come on the June 26 weekend (when I'm at the GWDXA Convention in Kent, Ohio), or while I'm on STATEN ISLAND! We'll just wait and see. Another thing that portends a great season is that I already have 25 new this season (total now unofficially 1245), as compared to 8 at this time last year! And only 8 of these 25 can be attributed to nearby stations that weren't on last year. Because of the severe lateness of most of this DX. I will still list my new stations from last year, but in summary form only, without the informational details that I usually list:

81 Es KTCU 88.7 and KCBI 89.3 TX 2300. also KWJS 94.9. 6/6 81 tr CFMX 103.1 ON (I guess I heard this just in time), 0836 6/8 81 Es TV Es was to CO; had KUNCt 91.5, KSUTt 91.3 around 0300!! Ouch!! 6/17 81 tr wunc 91.5 NC, WBAG 93.9, WEZS 103.7 evening, 450-500 mi. tough path. 6/18 81 tr WBDC 100.9 IN, WAXU 103.1 KY, WUSO 89.1 OH, WFNE 100.1 GA (625 miles, my furthest class A tr, fighting WQXE KY), WKEZ 95.7 VA (540 miles) over night. Much later, WABD 107.9 KY 2311.

Es WDNA 88.9 FL (per phone call to them), WHRS 90.7 FL. FL relogs 2000-2100. 6/19 81 tr WLRH 89.3, WDJC 93.7, WAPI 94.5 all 0030-0246 all AL to 600 miles. 6/20 81 Es KRVS 88.1 LA, KNTU 88.5 TX, KLIO 92.1 LA, KTRY 94.5 LA, KIXS 93.3, KSMB 94.5. KRLG 98.1 all late afternoon.

6/23 81 Es MUF briefly to 90.5 at 2002. Probably CBHA NS.
6/24 81 Es WCKX 95.7 FL 1256, NOTHING else noted on FM, but mucho TV Kicks-96. 6/25 81 Es KZOR 94.1 NM 1056; then the opening faded. But DID it come back... KOKL 94.3 OK KEBC 94.7 OK KWEY 97.3 OK all on car radio. Then I got home: KADX 105.1 CO. KXLS 99.7 OK, KPPL 107.5 CO, KACV 89.9 TX, KINF 91.9 KS. KOGA 92.7 NE, KNEX 96.7 KS, KANZ 91.1 KS, KTSC 89.5 CO, KFKZ 96.1 CO. KUIN 92.7 UT, (NEW STATE), KOSW 96.5 WY, KOUY 95.5 MT (1460 miles), KKOZ 97.1 MT, KKLY 93.7 TX (What's this doing in here?), KYBS 97.5 MT, KYYZ 96.1 ND. KOPR 94.1 MT (1460), CKUA-3 97.3 AT (1520, and NEW PROVINCE!) KAAK 98.9 MT (1420), KCGM 95.7 MT, KMMR 100.1 MT CKUA-2 99.3 (1600!! My furthest Es of ANY kind, ever on FM or TV), AT, KIZZ 93.7 ND, CJGL 94.1 SA, CBKF-4 91.9 SA (lookie where that one is! 1500 miles?), all between 2154 and 2232. KXXE BLASTING IN!!!

6/26 81 Es KSUC 88.3 TX, KREK 104.9 OK, KMCK 105.7 AR, KCMW 90.9 MO (550), KLJC 88.5 MO (600), KSPI 93.9 OK, KEZO 92.3 NE (640) and probable 94.1, 90.7, and 91.5 from Omaha also. KNEN 94.7 NE, KRSI 96.5 NE, KIXX 96.1 SD, KLUM 88.9 MO (only 510 miles, previously Tr), KSJM 93.3, KBRK 94.3, probable KDLO 96.9, KRVN 93.1, KROA 95.7 all 1230 to 1403! Fastest moving opening ever noted here, and one of the closest! Moved from TX to SA in 2 hours!

7/4 81 Es KGNZ 88.1, KNFM 92.3, KBAT 93.3, all TX around 1100.

7/5 81 Tr WAOP 100.9 MI new "pest" noted running all night.

Es KJAK 92.7 TX, KTEZ 101.1 TX, KLEA 101.7 NM (hi Jim), KQIP 96.9 TX, KATK 92.1 (calls?) NM, KWMJ 103.3 TX (hard to ID), KTZA 92.9 NM, KZOR 94.1, WSLY 99.3 AL (another strange misplaced one: how did this get here?). KONX 100.3 TX, XHTO 104.3 MX, XHGU 105.9 MX (no ID but "F.M. Siempre Rey;"

heard good ID on XHTO), both 1420 miles, KENW 89.5 NM, KNIT 95.3 NM, KTXT 88.1 TX, KTEP 88.5 TX (1420), all between 1918 and 2140. MUF was never above 103.3 during this opening.

7/6 81 Tr WGBZ 95.9 PA 0019 (WHFD was going off nightly for awhile! Normally NSP, which resumed quickly after this, in fact).

7/8 81 Es WCMQ 92.1 FL, WAFG 90.3 FL, WHUN 94.3 FL, WYHG 92.1 FL, WPRK 91.5 FL. WOLM 92.7 FL, WSGL 97.7 FL. (No ID or anything else of discernable local nature noted! But I count it. Why? Because I called them up and talked to the woman announcing and she was shocked about where I was and she said she'd ID after the next hillbilly song. At the time for the impromptu ID it faded out, but a few seconds later it faded back and she was talking about a guy from Toledo who had just called); WINK 96.9 FL (on car radio), WMNF 88.5 FL all from 1600-1733 fadeout. Actually, the opening was working across the gulf, because from 2132 to 2215: KVRN 92.1 TX, KGOL 107.3 TX, KOYE 94.9 TX, KVLY 107.9 TX, KKKK 99.1 TX, KPHJ 94.3 TX; TX relogs.

7/9 81 Es WNJY 94.3 FL relog 1100. Tr WTMB 98.9, KSAY 96.1, WOI 90.1, KUNI 90.9 around 2200.

7/10 81 Tr KVNO 90.7, 0158 NE, ID ed just in time as I was losing it! 3kw/640 miles! WYMS 88.9 messed up my WRRGt 88.9 at same time. WGLU 92.1 PA (using

quasi-obscene "Glue-92" slogan. YUCK!!). 0441. WVPM 90.9 WV 0600 s/on. 7/11 81 Tr KFUO 99.1 MO 0117 completes St. Louis commercial band for me; wKTQ 93.3.

7/14 81 Tr WRRG 88.9 IL 0328 (10 watts and 215 miles)

8/14 81 Tr WRBI 103.9 IN 2331, Reds baseball, exceedingly tough one due to WXKE/WDJX, WRBR as well as (of course), local WLEN!

8/15 81 Tr WNST 106.3 WV all night, k

8/19 81 Tr RICD 107.7 IA (620), KESD 88.3 SD (720, previously by Es), KRSW 91.7 MN relog, and wirtually NOTHING else unusual noted on either FM or TV at 0100.

MS KESD 88.3 SD 0103 while heard on Tr! Now by Es, Tr, MS! 8/20 81 Tr KESD 88.3 SD again: around 0100 (and again, not much else...)

8/26 81 Tr CKAT 101.9 ON (500), CHNO 105.3 ON both running all night. 8/27 81 Tr WSYR 94.5 NY 0224. Then I really cleaned up by taking full advantage of a good situation! Local WKLR 99.9 was off for 2% days for extensive remod-

eling. in connection with also changing to their new nodern k format. 8/31 81 GW WVAF 99.9 WV 0014, CJFI 99.9 ON (Testing with open carrier. I got ahold

of the engineer and he threw an ID on for me!!) 9/1 81 GW CBCS 99.9 ON (CJFI not testing today). (Canadian oil talks at 1733 // to 95.1 and Channel 9), WTHI 99.9 IN at 1933.

9/2 81 Tr WJVL 99.9 WI 0044 taped nice ID; never expected to hear this one. Guess I'm lucky there wasn't Tr during these 2½ days or else WVUD. WBYG. or one of the others could've been overbearing.

<u>/3 81 Tr WTCM</u> 103.5 MI thru WMUZ on portable radio; <u>WMEX</u> 100.9 OH late PM. 5/11 82 Es XHAAA 93.1 MX relog 1604. (What a way to start the 1982 Es season!),

as well as WRMB 89.3. WTMI 93.1 and CCI on WGLE 90.7 later.

5 82 GW 2008 WSWR 100.1 Shelby-Willard, end of nx, promo, WKLR off. 5/17 82 GW 0711 WGLE 90.7 OH, Lima wx, ID, (repeats WGTE 91.3 100%)

724 82 Tr 0017 WNUS 107.1 OH Belpre, ID, ads, NOTED OFF: WIOT 104.7.

GW 0130 W221?? 92.1 OH Archbold, WPOS translator. (I stopped by WPOS the other day and the Chief doesn't know their calls!) (#41 92.1) DRAT! A good frequency bites the dust...for Tr anyway; 1321 WOBC 91.5 OH Oberlin, now here, ID.

Es 2215 KIVY 92.7 TX Crockett, Overstreet Tru-Value in Crockett; KEXX relog. 2220 KKED 90.3 TX Corpus Christi, re: Channel 16 auction.

82 Tr 2357 WUAL 91.5 AL Tuscaloosa, ID noted after jazz, (640 miles) 6/2 82 Tr 0106 WDYN 89.7 TN Chattanooga, (475), 0106 end nx, s/off just after WOSU

had gone off! But briefly o/WOSU earlier. 0141 WJXQ 106.1 noted OFF!! Odd for a Wednesday, so I pointed the antenna west to try for badly wanted WMIL and heard ...

0142 WKGO 106.1 MD Cumberland, off the BACK! Tons of ID's, etc. Thought this was possibly pointing to a super Tr opening into Washington/Baltimore but absolutely nothing else unusual from that direction noted! WJXQ back on by 0300. WUOT 91.9 TN Knoxville

GW 2300 WRDL 88.9 OH Ashland, ID, formerly 89.5 w/low. Now 3000 watts

AUGUST 1982

6/3 82 Tr 1731 WKHR 88.3 OH Bainbridge, weak ID, taped. Heard better ID at 1733, but tape not rolling. Cannot explain why this one got past WBWC, but you don't hear me complaining, do you?

1830 WNIN 88.3 IN Evansville, ID after All Things Considered. 320 miles to transmitter site, and many tries since then seem to show that this is a weak REGULAR. This would be my furthest "regular" ever, edging out WVJC 89.1 (300) back in the good days of 1980 when 89.1 was clearer, and WEKU 88.9 (290).

ately called them up and asked, "Are you playing this?" They were: (Female comedy), 250 watts, my weakest Es?? 2015 KJEF 92.7 LA Jennings, ID, Town Crier, promo by Happy Fats! 2018 UnID 88.3 ?? Noted with tone test!

6/8 82 Es 1022-1045 many North TX relogs or tentatives to 100.3.

Tr 2308 GBEF 103.1 ON Learnington, (CBEF-1), CBC FF //99.3.

2313 WVEN 99.3 PA Franklin, "WFRA information time 11:13" (WFRA is their AM station), I've tried for this hundreds of times!

6/10 82 Au O150-0207 WILL 90.9 (prior Tr), WSSR 91.9 (prior Tr), 88.5 c, probably WAMU, 89.3 g, 89.3 j, 89.9 j, 91.9 r, 90.9 c, coming in best from the NE! Then the NW started showing some promise for Au DX as well, and by 0230 the best Au DX was from the NW with only minimal signal from the NE! O301 WRAF 90.9 GA Toccoa Falls, ID, time check, g (I guess I really had no other way of hearing this one because it is a very tough Tr direction to Toccoa, and WGUC runs NSP. WAMU 88.5 (previous Tr), WMEW 88.9, 93.1 r thru WDRQ! 91.5 g also around then. All faded by 0415 or so with WMEW the last to disappear.

6/12 82 Au 2040 KUMR 88.5 MO Rolla, (prior Tr, heard no ID but I called Ralph on this and he was getting the same k by Tr/GW:)

I had thought that Au DX was always strongest from the due north, but I guess that isn't so, because during the 6/10 Au DX the signals started to fade if I pointed due north! Now I even hear that Au DX can be gotten from E-W or even from SE or SW. It was either Andy Bolin telling me last September, or somebody reporting to FM North, telling me that one Au opening was best from the E and W! I also realized that Georgia is the second state that I've heard by ALL modes of propogation (MS-WDEN 105.3, Es-WMTM 93.9, Tr plenty), SD is the other one (KIOV 104.7 MS, and KESD hogs Tr/Au/Es, plus plenty of other Es from there).

One last note:

I can only EMPHASIZE Ralph's recent warning that your FM/\$tereo/TV gear should be well hidden (or taken elsewhere!) when you go out of town. Last September when I went to Montreal, I came back to find all of mine STOLEN except for the TV(!), and I think that they left the TV because I have a profuse amount of ducting tape on it to keep the antenna connections from pulling off - the purpose of the tape is to keep the pre-amp power supply lifted up instead of pulling on the connections with its weight, and the thief apparently thought the cabinet was CRACKED and therefore not sellable! It is still not always possible for me to dismantle my equipment and take it somewhere else, though, but I now TRY to do so. Luckily, I was able to replace my speakers, my amplifier, my cassette tape deck, my turntable and my McIntosh MR-78 tuner ALL cheaper than what I paid the first time! All DX between late Sept. 1981 and pre-May 24, 1982 (which wasn't much, hi), was with my GE Super Radio porttable, or my ancient vintage 1965 KLH-18 tuner on which I heard all my Michigan DX during the mid and late 60's, as well as virtually all my Toledo DX up to 1979! One final word regarding the burglary - I'm glad they left the TV set - because that would have been by FAR the most difficult thing to replace! I'm using a Zenith 13" color set, and it IS hot for DX and very selective. I doubt that ANY replacement TV could be as good. That's it (hope there's lots of SKIP tomorrow).

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Dave Hascall - 211 N. Merrill - Fortville, IN 46040 All times are in CDT/EST as IN fails to observe DST

CAF ...

6/7	Ea				6/15	tr			•
<u>6/7</u> 1736	VCFR	93.5	۷T	Springfield, p\$	0151	WFRN	104.7	IN	Elkhart, g or m
1738	WKXA	98.9	ΜĒ	Brunswick, k	6/15	Es			
1753	MOXO			Norway, k	1700	unIDa	3		
1754	WHOM	94.9	NH	Mount Washington, nx	1731	KEAN			Abeline, ads, \$
1821	WDEA	95.7	ME	Ellsworth		KBUF			Garden City
	WWAV	100.1	ME	Auburn, ads					Odessa, ads
	WCOU	93.9	ME	Lewiston, p, ex-k?	1755	KRQY	98.9	CO	Pueblo, new calls
6/8					1806	KLMR	93.3	CO	Lamar
<u> 791</u> 7	WPCD	88.7	IL	Champaign, p, "88-Rock"	6/15	tr			
0925	WNDU	92.9	IN	South Bend, "U-93"				IN	Seymour, p\$
0930	WBYG	99.9	IL	Kankakee, Trading Post		WVXU	91.7	OH	Cincinnati, j
0933	WIHQ	101.5	IN	South Bend, r, ex-WWJY	6/17	Es			
6/9	tr				1940				Denver, \$
5	WSAL	102.3	IN	Logansport, b					Denver, m\$
	(New	symbol	LЪ	- Big Band mx)					Casper, \$
6/14	ms?			-					Riverton, \$, ex-93.5
		89.9	IL	Peoria					Rawlins, \$
	was k	illed	in	Peoria"					Riverton, poor
Hello	ever	yone!	We	ell, we are deep into an	other	Es s	eason a	and	my bad luck continues
T che	ke wh	en it	COL	nes to skip. I always w	ind u	p with	h those	9 81	tupid non-ID stations or
an N	R con	cert 1	rith	n no ID for a LONG time	or an	m st	ation 1	wit!	n no interruptions (they
mean	ID's.	hil)	for	r 58 minutes on WDMR-Den	tist 1	Music	Radio	(h:	i!). Seriously folks,
thes	stat	ions a	are	a BIG problem for DX er	s. Wi	hile :	I was	typ:	ing this, I found a huge
enve	lope f	rom WO	CFR	in Springfield, VT. In	side '	was t	he nic	est	verie letter I have
ever	recei	ved f	rom	Joe Randolph, music dire	ector	, who	Was or	n t	he air when I logged
them	"Ev	ery no	ow a	and then we receive a le	tter	like :	yours,	an	i we have to smile
Your	repor	t of	iisi	tance listening is the f	arthe	st in	recen	t na	emory." He also sent a
list	of th	e top	801	ngs, coverage maps, and	promo	stic	kers.	Th	ank you, WCFR!! Let's
all f	ell f	r. El	vin	g that b should stand for	r big	band	mx! H:	į!	Log is now at 268.
				73's and great (not g	ood) :	DX, Da	ve	
									

+ + + + + + Mike Ehrhardt - 13515 Broadway, Lot 98 - Alden, NY 14004 Equipment: Kenwood KR-5030, stacked Winegard antennas w/rotor at 30 feet.

Eduthment: Kenwood Ku->o>o, Stacked	allogata amounted by total and ye are the
6/7 Es	6/7 Es
1531 WPCS 89.3 FL Pensacola, ID	1913 KYND 92.5 TX Pasadena, ID, "Kind-92"
	1930 KYKS 105.1 TX Lufkin, ID
1622 KFXE 92.3 AR Pine Bluff	1933 KIKK 95.7 TX Houston, ID, "Kick-96"
1628 WLWI 92.3 AL Montgomery, ID	"The Houston Tradition"
1640 WQUE 93.3 LA New Orleans, "QUE"	1936 WTAW 92.1 TX College Station, ID
	1943 KAYD 97.5 TX Beaumont, ID
1652 WAFB 98.1 LA Baton Rouge, ID	1956 KQXY 94.1 TX Beaumont, ID
1655 WONZ 95.1 MS Natchez, "95-Country"	2005 KPFT 90.1 TX Houston, ID
1700 KRRV 100.3 LA Alexandria, ID	2010 KLIL 92.1 LA Moreauville, ID
	2032 KRVS 88.1 LA Lafayette, ID, "88-FM"
1701 WXLY 96.3 MS Jackson, "The best	6/8 Es
country in the city is WXLY Jackson"	1138 WUWF 88.1 FL Pensacola, ID
	1147 WPCS 89.3 FL Pensacola, ID
1703 WLIN 95.5 MS Jackson, ID	1352 KAFM 92.5 TX Dallas, ID
	1359 KJON 92.1 AR Booneville, ID, nx
1724 KSSN 95.7 AR Little Rock, k, ID,	1400 KKEG 92.1 AR Fayetteville, ID
Accu-track wx	1406 KZIG 89.9 AR Cave City, ID, nx
1738 KEPT 96.5 LA Shreveport, ID	1408 KLPQ 94.1 AR Little Rock, ID, "Q-94"
	1450 KWLS 93.1 KS Pratt, ID
1812 KZZB 95.1 TX Beaumont, ID, "B-95"	1505 KXCV 90.5 MO Maryville, ID
1830 WWOZ 90.7 LA New Orleans, ID	1507 KSCS 96.3 TX Ft. Worth, ID
1845 WBYU 95.7 LA New Orleans, ID, "FM-96"	1600 KQAA 94.9 SD Aberdeen, ID, "KQ-95"
1848 WWDM 101.3 SC Sumter, ID	6/14 Es
1859 KSRR 96.5 TX Houston, ID, "97-Rock"	0902 WMFE 90.7 FL Orlando, ID
(New Underlined)	0907 WOLM 92.7 FL Punta Gorda, ID
Absolutely fantastic Es openings on 6/7 & 6	/8. Seems that 6/7 was much more intense
as all gionals were 4+ or more on S-meter.	Some stations were coming over Canadians.
I feel sorry for Dave Nieman. He missed mo	st of 6/7 because he was at work. I kept

Absolutely fantastic Es openings on 6/7 & 6/8. Seems that 6/7 was much more intense as all signals were 4+ or more on S-meter. Some stations were coming over Canadians. I feel sorry for Dave Nieman. He missed most of 6/7 because he was at work. I kept him informed by calling him. Not much trops to report. On 6/7 I heard ZEM-FM Hamilton, but didn't get a good enough ID. If this is any hint of things to come, it should be a good Es season.

Good luck, 73's, Mike

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NORTHERN FM DX

Dr. Bruce Elving - 4515 Avenue "E" - Kearney, NE 68847

Skip May 16 between 1930 and 2101 CDT: KQEZ 103.9 Coolidge AZ, KFMG 107.9 Albuquerque NM, KPRI 106.5 San Diego, KPFK *90.7 Los Angeles appealing for funds; this was my first southern CA reception in over two years of DXing from here. From NV: KNPR *89.5 Las Vegas, KOMP 92.3 Las Vegas, KILA 95.5 Henderson (apparently no longer in \$tereo, as heard twice in two years mono only), and K221AR Hawthorne NV 92.1. I am assuming it is K221AR, as I heard a complete ID from KKBC 97.3 Carson City, and K221AR is their only known translator on 92.1, with both stations coming in, with 92.1 the stronger. I now know translators skip out!

May 23 I logged KCKS 95.3 Concordia KS and KTLX *91.9 Columbus NE, now believed to have upped its wattage to 100. WCRH *90.5 Williamsport MD in \$tereo May 24 1800. Late afternoon and early evening skip on June 6: KNON 101.3 Sinton (giving legal id with Taft and Corpus Christi), KKED "classical" *90.3 Corpus Christi, KMCR *91.5 Phoenix, KODK 92.7 \$tereo Kingsville TX, KVMV 96.9 now \$tereo g, McAllen TX, KVLY 107.9 (no "K-Valley," but with references to "The Valley") Edinburg TX, KBIC, k, 102.3 Alice TX, KSOX-FM 101.7 mono Raymondville TX, rather poor audio. Then KDUV 100.3 Brownsville TX, \$, easy listening, and two of my finest, because I heard and taped them at 7½ i.p.s. with rare full legal IDs in Spanish, surrounded by English announcing: XETRA-FM 91.3 Baja California, Mexico (following an ad for 7-11 stores), and, in an English-language jazz show on "FM-92.5," a pause for this (in Spanish): XHRM Tijuana, Baja California, Mexico. Both were received at 2055 to 2100, so Mexican FM stations must give their legal ids with call letters on or near the top of the hour. as U.S. stations do.

Skip June 7 brought WEOL *89.9 Elkton MD, \$, g; WJRZ Manahawkin NJ 100.1, speaking of "Jersey Shore," not to be confused with the PA town of that name; WSNI 104.5 Philadelphia, WDAC 94.5 Lancaster PA, WKSL 94.3 Greencastle-Waynesboro, mono g; WKNC *88.1 Raleigh NG; WLXN 94.1 now \$, g, Lexington NG; WJLK-FM Asbury Park NJ 94.3, WRUR *88.5 Rochester NY, giving complete address in connection with "Community Calendar," and WHYC *88.5 Swan Quarter NC, mono. A new station KXNP 103.5 North Platte NE came on the air June 9 with \$, satellite k. Received on new frequencies: KZMC McCook NE 105.3 from 103.1; KMCS Ogallala NE on 106.5, from 93.5 Most of this DX is on my Kearney FM DX cassette for \$2.75.

+ + + + + + Saul Chernos - 79 Ridge Dr. - Toronto, ON M4T-1B6

						_					
5/16	Es	from !	Core	onto)		<u>5/29</u>					
1540	unID	89.9	??	two stations						Detroit	280
5/18	tr									Sharon	265
2328	WAER	88.3	NY	Syracuse						St. Ignace	
2330	WNCQ	97.5	NY	Watertown						Ashtabula	225
2350	WQXK	105.1	OH	Salem						Cleveland Heights	280
5/19	tr					1635	WEBF	95•7	NY	Olean	185
0002	WDKX	103.9	NY	Rochester		5/29	ms				
				Syracuse		2300	WNOE	101.1	LA	New Orleans	1225
0013	WCMF	96.5	NY	Rochester		5/30					
0050	WKFM	104.7	NY	Fulton		0038	WMKC	102.9	MI	St. Ignace	
0052	WETF	101.7	NY	Attica		0051	WKFM	104.7	NY	Fulton	
0053	CKO-J	106.9	ON	Ottawa		<u>5/30</u>	ms				
				Kingston		0620	KAJN			Crawley	
				Jamestown				103.3	ΙA	Pella	
				Syracuse		5/30					
0140	CEMO	93.9	ON	Ottava		0859	CITE	102.7	PQ	Sherbrooke, (-1)	340
0146	WOLN	91.3	PA	Erie		0950	WQED	89.3	PA	Pittsburgh	310
5/26	tr					1004	WYSU	88.5	OH	Youngstown	275
1755	WBSU	89.9	NY	Brockport						Mt. Clemens	
1757	WRRN	92.3	PA	Warren						Geneseo	
1800	WYFL	95.1	NY	Bristol Centre						East Lansing	
1905	WRVO	89.9	NY	Oswego				89.7	OH	Kent	
5/27							WDTR	90.9	MI	Detroit	280
0045	WPCX	106.9	NY	Auburn		5/31					
1365	CBE	89.9	ON	Windsor		0630	WKFR	103.3	ΜI	Battle Creek	
5/20	+	(from	Rur	nt River)		6/1	ms				
0002	CJQM	104.3	ON	Sault Ste. Marie	310	0628	KMGC	102.9	ТX	Dallas, "Magic"	1305
				Bay City	280		(All ti	mes	EDT)	

MORIE	-									100,001	-23-
2107		90.5	??	very brief		6/7 1828	Es KETR	88.9	ТX	Commerce	
0601	MDEL WE	92.3	TN	Chattanooga	775	1830	unID	92.5	??	New Orleans "This is it, the	
6/7 0500	Au WCMU	89.5	MI	Mt. Pleasant Collegeville Interlochen	325	1831	KWEH	97.1	AR	Camden, "FM-97"	1110
0600	KSJR	90.1	MN	Collegeville		1035	KTDY	99.9	LA	Lafayette	1360
0602	MIVY	00.5	MI	Interlocnen		1				# 18% FM-10G . AM 1116	• OKC. 5
								1 E V			-
1628	MICO	98.1	AT.	Andalusia Suerbyvitte	1045		÷ .		٦.	-G 3	Ĺ
1630	WOEZ	96.5	AT.	Shelbyville Andalusia Birmingham Shreveport, "Q-93" Mobile, "KSJ" Montgomery Clinton Baton Rouge Vicksburg Milton Gadsden Vicksburg Gainesville Columbus Baton Rouge New Orleans Chattanooga Columbus Baton Rouge New Orleans Baton Rouge Meridian, "Q-101" Biloxi Poplarville New Orleans Slidell, "Wail" Jackson, "96-XLY" Laurel	910			and the	$\tilde{}$		₹
1640	KMBO	93.7	T.A	Shrevenort, "0-93"	1190						
1644	WKSJ	94.9	AT.	Mobile, "KSJ"	1125		4	9 19	•		
1645	WREZ	103.3	AL	Montgomery	975				-		. 4
1650	WFEX	92.7	LA	Clinton	,,,						
1652	WAFB	98.1	LA	Baton Rouge	1230						
1653	WQMV	98.7	MS	Vicksburg	1120						
1654	WXBM	102.7	FL	Milton					6	·	_
1655	WQEN	103.7	AL	Gadsden	860		1			ja –	_ [
1656	MKXA	106.7	MS	Vicksburg	1120	s				- F	į.
1657	WRUF	103.7	FL	Gainesville	1090	\$2°				Section 1	F
1658	WCGQ	107.3	GA	Columbus	940	4				30.0	
1658	WFMF	102.5	LA	Baton Rouge	1230	- 4				3,	
1659	MNOE	101.1	LA	New Orleans	1225	3				Art.	5
1700	WMBW	88.9	TN	Chattanooga	775	Magra-			• •	Service of the servic	
1701	WACR	103.9	MS	Columbus	960	2					نصبب
1702	YAJY	102.1	LA	New Orleans	1225	1840	KATT	100.5	OK	Oklahoma City	1205
1704	WQXY	100.7	LA	Baton Rouge	1230	1846	WBSJ	102.5	MS	Ellisville	
1706	WEZB	97.1	LA	New Orleans	1225	11847	WRR	101.1	TX	Dallas	1305
1707	MHEK	103.7	MS	Hattlesburg	1120	1848	KXXI	100.9	AR	Fort Smith	1075
1710	MOTE	101.5	MS	Meridian, "Q-101"	1035	12849	WPCS	89.3	FL	Pensacola	1120
1711	MOID	700.0	MS	B110X1	1100	1000	WGAL	94.5	FL	Gainesville	1270
1720	WALPA	10/09	T A	Popiarville	1225	1300	KZZB	97.1	TX	Beaumont, "KZB"	1350
1721	WOUL	92.5	LA TA	New Orleans New Orleans Slidell, "Wail" Jackson, "96-XLY" Laurel Jackson Alexandria Magnolia Hammond Decatur Birmingham Jackson Bluefield Surfside Beach Georgetown Lumberton Guntersville Georgetown Tuscumbia Carthage Jackson Baton Rouge Montgomery, "I-92"	1225	1028	KCTO	105.1	LA	Columbia	
1722	WATT	305 3	T A	New Orleans	1227	1300	WULW	92.3	LA	Lariace	1100
1725	WYTV	96.3	MG	Jackson WOK_YIVE	1085	2000	KIDE	92.1	AD	Winniield	1190
1726	WNST	100.3	MS	Laurel	1085	2005	WITED	90.0	AR CC	Murric Rock	780
1728	WKIR	104-1	TIN	Jackson	100)	2010	WOMT	99.3	GA	Chatsworth	700
1729	KTIZ	96.9	LA	Alexandria	1220	2013	WBAM	98.9	AT.	Montgomery	975
1730	KFMV	107.9	AR	Magnolia	1135	2015	WNFM	104.9	TN	Davton	717
1732	WHMD	107.1	LA	Hammond	1200	2016	WJAD	97.3	GA	Bainbridge	1030
1735	WDRM	102.1	ΑL	Decatur	850	2018	WKTZ	96.1	FL	Jacksonville	1030
1736	WZZK	104.7	AL	Birmingham	910	2020	WQXI	94.1	GA	Atlanta, "94-Q"	840
1738	WHOD	104.9	AL	Jackson		2023	WOKK	97.1	MS	Meridian	1035
1741	WHAJ	104.5	W۷	Bluefield	550	2029	WSB	98.5	GA	Atlanta	840
1742	WYAK	103.1	s¢	Surfside Beach		6/8	Es				
1743	WSHG	106.3	SC	Georgetown	805	1830	KCND	90.5	ND	Bismarck	1105
1745	WJSK	102.3	NC	Lumberton	715	1831	KKWB	104.9	MN	Breckenridge	
1748	WTWX	95.9	AL	Guntersville	845	1835	KHBT	97.7	IA	Humboldt	
1750	WGMB	97.7	SC	Georgetown	805	1838	KOWB	98.7	MN	Moorhead	905
1751	WVNA	100.3	AL	Tuscumbia		1839	KQAD	100.9	MN	Luverne	
1772	WWIN	98.3	MS	Carthage	0 -	1840	KYYY	92.9	ND	Bismarck	1105
1777	MUMT	99.7	MS	Jackson	1085	1842	KXGR	96.7	MN	Grand Rapids	755
1770	WYNK	101.5	LA	Baton Rouge	1230	1845	unID	104.3	??	Greektown? Groto	n?
1800	MTMT	92.5	AL	Montgomery, "I-92" Columbus	975	1,050	KLOH	98.7	MN	Pipestone	895
2000	KULIN	JU.J	TV	COLUMBULE		11022	WOMP	74.1	MN	Pine City	
1804 1806	WON 7			Heidelberg	1100					Sioux Falls	920
1808	MHOV	32.T	MC.	Natchez Hattiesburg				102.9	1 A	Cedar Rapids	700
1810	MSKD	104.7	MA A T	Atmore	1120	6/12		10/- 0	g n	Sioux Falls	920
				Dallas, "Magic"	1306	6/12		T04.7	עם	PIONY LOTTO	720
				Mobile				(1c+c	in.	no time to DX)	
1815	KYKZ	96.1	T, A	Lake Charles	1310			= new		= new mode)	
June	1-6	vas sl	\ w	E-wise on FM. The						80 IDs, a record	for
me, a	ind 5!	new :	Logi	gings, also a record	d. I	n thi	з оре	ning, a	all	DX was the routi	ne
stuff	alt!	ough :	I ne	ow seem to be making	z mor	e of	the s	tuff of	n tl	he low power FM f	reqs.
Also,	I w	as ple	R8a:	ntly surprised to he	ear a	anne	ounce	r on l	04.	5 give a local ad	and
											45

AUGUST 1982

then a mailing address for "Bluefield." It was in well and there was no state mentioned in the address. This is my shortest FM Es ever. Also, Bluefield is only in WV and not in any of the other target states I was getting. It is also in the southernmost part of the state. I am more or less north of it. The Es of 6/8 was nice in that I rarely get that area. ND was a new state, and IA has only been received on Au and ms. I even got two Ontario TV-2's in that opening. As of 6/12, no more FM Es. Maybe last nights aurora will spur on a start. It can do that. It just needs a little help. Who do we sacrifice to the Es Gods next? Total FM in Burnt River now 548.

James J. Stiles - CFAo/NAFK - Box SU/LR ADP - FPO Seattle, WA 98770 Receiver - Realistic STA-720; Antenna - Grove Scanner Beam; All from Okinawa, Japan

5/27 Es 1200-1230 93.1 Seoul, Korea 95.6 Peking, China	Music Pgm. Program 1	5/28 Es 107.1 Hwangji, Korea 5/29 Es 0930-1300	Educ. Pgm.
106.5 Chuncheon, Korea	Educ. Pgm.	91.55 Peking, China	Program 3
<u>5/28 Es</u> 1130-1215		94.0 Peking, China	Program 1
88.5 Korea	Unid	95.6 Peking, China	Program 1
90.3 Chuncheon, Korea	First Pgm.	102.6 Peking, China	Program 1
90.5 Gwanyju, Korea	First Pgm.	6/13 Es 1000-1200	6
90.7 Busan, Korea	First Pgm.	90.7 DZMB Manila, Philipp	ni nes
91.9 HLKV, Seoul, Korea		91.5 DWMM " "	
92.1 Korea	Unid	92.3 DWFM " "	
92.3 Gwanyju, Korea	Music Pgm.	93.1 DWEI "	
93.1 Seoul, Korea	Music Pgm.	93.9 DZHP " "	
94.7 Daejeon, Korea	First Pgm.	94.7 DWLL "	
102.7 Seoul, Korea	AFKN	95.5 DZBU "	
104.1 Cheongju, Korea	Educ. Pgm.	96.3 DWRK " "	
105.7 Daejon, Korea	Educ. Pgm.	99.5 DWRT " "	
106.5 Chuncheon, Korea	Educ. Pgm.	102.7 DWXB " "	
(All times in JST)		104.3 DWIM "	
Talanti Or altra and a control			

Identification of stations is relatively simple due to the few number of stations on earch FM channel in this part of the world. However, strong interference is provided between 97-102 MHz due to local Okinawa TV stations on those frequencies.

+ + + + + + John Ebeling - 9209 Vincent Ave. S. - Bloomington, MN 55431

6/6 Es (From Prosit, MN Cabin) 1535 KUAT 90.5 AZ Tuscon	6/26 Es
1535 KUAT 90.5 AZ Tuscon	1038 WPFM 107.9 FL Panama City, r
1604 KBAT 93.3 TX Midland, k	1045 WKTZ 96.1 FL Jacksonville
1604 KBAT 93.3 TX Midland, k 1621 KNFM 92.3 TX Midland	1050 WPIQ 101.5 GA Brunswick
1630 KUFO 97.9 TX Odessa. r	1100 WKGC 90.7 KT. Panama City
1635 KTBC 92.1 TX Nacogdoches	1102 WOTK QQ 1 FT Tooksoomsille Words GQL
1655 WEVO 89.1 NH Concord, pledge drive	1115 WIVY 102.9 FL Jacksonville, "Y-103"
6/19 tr	1120 VRUE 103.7 Ft. Gaineswille
2237 K269AJ (WAKX Duluth x-lator)	(TV active, but no FW for one hour)
IUL-7 MN Tower-Souden	1225 WTKY 101 E W D
6/26 Es (During a good tr day)	1254 WNGC 95.5 GA Athens, k
6/26 Es (During a good tr day) 0958 WTSU 89.9 AL Troy	1300 WVOC 102.9 GA Columbus
1000 WPAP 92.5 FL Panama City	1328 KISR 93.7 AR Fort Smith
1007 WOVV 95.5 FL Fort Pierce. "FM-96"	1340 KDON 92-7 AP DeCuses
1015 WKYD 98.1 AL Andalusia. k	1354 KTAT. 98-1 TV Taxankana
1020 WOOF 99.7 AL Dothan	6/26 tr
(Time CDT; New underlined)	2130 KMSR 94.3 MN Sauk Centre
for June, this has not been a "bang up"	Es season so far. For example Tune 64h
I was at my cabin and had the TV set on Ch	1. 2 all day - dead! Even CB was dead.
411 - 4	

For June, this has not been a "bang up" Es season so far. For example, June 6th I was at my cabin and had the TV set on Ch. 2 all day - dead! Even CB was dead. All of a sudden, late in the afternoon, skip opened up on TV within five minutes and quickly reached FM. Wasn't good skip, but it started from Arizona and wound up in New Hampshire. You can see stations logged on the Prosit list. Funny thing, WEVO 89.1 Concord, NH last one logged that day (thanks to fund raising drive and frequent call letters) and two days later I logged them here in Bloomington. New station at both sites.

Es June 7th was spotty; signals were far from the rock solid skip I can recall from the early 60's. They were in and out quite rapidly. The 8th was more solid, but still somewhat spotty. The 10th was a real short opening - in and out in one hour. Had a little the evening of the 13th, no ID's on FM, but TV was active.

Had spanish on 94.1 with what sounded like "est is RC??" All I can decipher from the tape. A wierd one.

John Ebeling cont'd:

The first tuner I had ripped off was operation ID marked and I have every reason to believe it was taken by a "friend" of my daughter. The Sony was the only item taken from inside the cabin, so they knew what they wanted. They caught the bums that did the second break in - I have a faint glimmer of hope they may recover my second SCA modified Sony, as they (sheriff) think it is in the next county. I now haul my tuner back and forth from home. It's a lot of bother, though. My family has had a cabin on the lake since 1920, and never any problems until the last few years. With mining down, things are very tough on the Iron Range.

As you may or may not know, I get to the cabin quite often in the winter. Takes a while to warm it up, but it is a nice retreat as I have no phone there. I have a long trail to break from the road - about a block. I had been leaving my tuner(s) as I like to DX whenever I'm there. Can get some nice aurora in the winter. Guess I'll have to tote the tuner through the snows next year. They left my TV set - it was a long haul to carry it and it is a two man job. I have a gate at the end of the driveway which prevents driving in the block long driveway.

June 18 and 19 at cabin produced no FM Es. Some aurora about 5 PM on the 19th gave some good Ch. 2-4 Es - typical of aurora induced. Signals ranged from like local quality to nothing. Very sporadic type of Es. Cold up in northern MN. Got down to 42° one night and for June it's cold.

One comment - KMSU in Mankato changed frequency from 90.5 to 89.7. It is underlined and is considered new, as I consider a new frequency to be a new logging. I have a local in Minneapolis on 89.7 (KMOJ) and it usually wipes out Mankato. By the way, a call letter change means nothing to me - just a pain in the butt to try to

		change means nothing to m	ne - ;	just a	pain	ın	the outt to try to
	keep track of.						
	5/24 Es (from Bloom	ington, MN)	6/10				
	5/24 Es (from Bloom 1758 WMEZ 94.1 FL	Pensacola	1800	WKGC	90.7	$_{ m FL}$	Panama City
	1800 WTSTI 89.9 AT.	Trov			92.9	AL	Mobile, r, RKO nx
	1820 WMTM 93.9 GA	Moultrei, SCA	1827	WKSJ	94.9	AL	Mobile, "KSJ"
	6/7 Es	·	1829		91.3	AL	Mobile
	1658 WFOS 90.5 VA		1830				Mobile, MOR, mx SCA
	1700 WKZZ 100.1 VA	Lynchburg					Chickisaw, "Joy FM-98"
		Suffolk-Norfolk, SCA, m					Pensacola
	1701 WLTY 95.7 VA	Norfolk, "Y=96"	6/15	Es			
	1711 WAKG 103.3 VA	Norfolk, "Y-96" Danville Edenton, k	1656	WMEZ	94.1	FI.	Pensacola, music SCA
	1730 WBXB 100-1 NC	Edenton, k					Palestine, good ID,
	1748 WDCC 90-5 NC	Sanford, "Voice of Cent.					red to 96.7 yet)
	Carolina Technical						
	1750 WCSE 92.3 NC	Ashahara	1714	KTYV	94.7	μλ	Tyler San Angelo, r
		Lexington, g mono	1721	MALA	95.5	AT.	Dothan
	1806 WROK 98.7 NC	Amanahama	2726	LIVER 3	OF 7	AT	M
	1811 WRNS 95 1 NC	Greensboro, r Kingston, talk SCA	1726	MKAD 7	98 1	AT.	Andalusia
	1818 WCHY 94-1 GA	Savannah, k, "Y-94"	1230	WKGC	90.7	FT.	Panama City
	1824 WSBI 100.7 GA	Brunswick.					Tallahassee
		ustal GA music station"					Mobile
	1828 WYNF 94.9 FL						Ripley, k
•		Tampa-St. Petersburg					Pensacola,
	1839 WDOO 101.9 FT.	Daytona Beach, r, "Q-102"	1				ock of the South"
	1841 WCKS 101.1 FT.	Cocoa Beach, r, "CK-101"	1742				
	1842 WOTK 99.1 FT.	Jacksonville, Music SCA	1747	WGCM 1	02.3	MS	Gulfport, k
	1900 WPIO 89.1 FL	Titusville.					E. TX or W. LA, wx,
		equal rights program					weak signal
	6/8 Es		6/16				Tour Digital
	1731 WZID 95.7 NH	Manchester, MOR, mx SCA	2028		93.3	NM	Albuquerque, k
	1733 WEVO 89-1 NH	Concord, pleage drive ID	2030	KHAT	90.5	A 7.	Tuscon
	1736 WOKO 97.5 NH	Concord, pledge drive ID Dover-Portsmouth, wx/ID	2030	unTD	94.1	22	Non-stop auto k, (pop)
	1740 WHEB 100.3 NH	Portsmouth, ID	2100	KRWG	90.2	NM	Las Cruces
	1742 WCNL 101.7 NH	Newport, r	6/17		,00,	1481	Lab Graces
	1746 WCRB 102.5 MA	Waltham-Boston, mx SCA			92.9	Δ7.	Flagstaff, k, ex-KFLG
	1755 WJBO 97.9 ME	Portland, r, "98-JBQ"	1807	KKXK	94.1	CO	Montrose, local ads
	1805 WKXA 98.9 ME	Brunswick, k, M on SCA	1812	KCTB			Flagstaff
	1810 WSCL 92.1 ME	Angusta, k.	1818	KWDE			Montrose, kr, ID
	"Whistle" & "S-	Augusta, k. 92"also used	1920				Plainview, ID, phone #
	TOTO MESE 35.9 AL	Burlington, MOR, mx SCA	1935	KTYL	93.1	TX	Tyler
	TOTO MHOW 34"3 NH	Mt. Washinton, Muzak SCA	1954	KORA	98.3	TX	Bryan, k good ID
	1050 CJAB 96.7 PQ	Chicoutime, ID in French	2000	KGNZ			Abilene
	1032 C??? 96.5 PQ	?, Prob. CBV-5 St. Fabier	6/22	tr			
	6/10 P-		- 110 =		00 0	1437	M-what a

1805 KMSU 89.7 MN Mankato,

(ex-90.5 with power increase)

6/10 Rs 1756 WBAM 98.9 AL Montgomery, mx SCA

135

Bob Zent - 1835 Fruit St. - Huntington, IN 46750

6/1 to	
6/1 tr 2030 WUTC 88.1 TN Chattanooga, c 410 1808 WWUS 93.	FL Big Pine Key, r, 1175
2030 WUTC 88.1 TN Chattanooga, c 410 1808 WWUS 93.4 2058 WMBW 88.9 TN Chattanooga, 1cl. nx 410 "US-1,"	station promo
2059 WDYN 89.7 TN Chattanooga, g, ID 410 1810 WFYN 92.	5 FL Key West. r. 1170
2326 WUOT 91.9 TN Knoxville, c, ID 355 "The Keys' best	music; FM-92.5, WFYN"
	music, in-year, with
	7 IL Springfield, r, 235
"It's clear and 64 at Chattanooga's KZ-106"	ID over WFIU
0023 WZYP 104.3 AL Athens-Huntsville, 440 6/13 tr	15 0001 1110
	MI Ann Arbor, 10w, 115
	s in Ann Arbor area)
0032 WAPI 94.5 AL Birmingham, 1cl. wx 520 6/13 Es	
	5 FL Tampa, r, ID 930
	7 FL Punta Gorda, 980
"WENN \$ FM plays Birmingham's favorites"	m, call letters
	5 FL Key West, r, 1170
6/7 tr	call letters
	9 FL Miami Beach, 1110
"You're listening to WCSO, the woice of	r, "Love 94-FM"
Chattanooga State," Chattanooga 88.1, 6/17 Es	
	1 CO Manitou Springs, 1030
6/7 Es	c, ID
	9 CO Colorado Springs, 1020
call letters heard	r, "Z-93," local ad
1612 WHJY 94.1 RI Providence, 1cl. wx 710 1939 KILO 93.	9 CO Colorado Springs, 1020
1614 WSOX 94.9 MA West Yarmouth, 770	r, "Kilo-94"
m, local ad 1941 KCCY 97.	9 CO Pueblo, local ad 1025
1617 WTIC 96.5 CT Hartford, r, 650 1944 KNAB 104.	
	at KNAB it's 650"
1624 WMYS 98.1 MA New Bedford, 710 1945 KBPI 105.	9 CO Denwer, r, 1030
call letters and local ad	call letters
	5 CO Denver, k, 1030
	y Mountain country wx"
	5 WY Rock Springs, 1190
	r and call letters
1714 WMAS 94.7 MA Springfield, 655 2029 KKAZ 100.	
station promo "KKAZ at 7	
1723 WBOS 92.9 MA Brookline-Boston, r, 730 2032 KSTC 104.	
	1 NE Scottsbluff, 935
1725 WROR 98.5 MA Boston, s, 730	k, local ad
	9 WY Riverton, r, ID 1170
	1 CO Greeley, r, 1000
j, (big bands), local wx	call letters 9 WY Cheyenne, r. 1000
	9 WY Cheyenne, r, 1000 1 ad and call letters
	3 CO Fort Collins, 1020
1746 WHYN 93.1 MA Springfield, 655	r, call letters
	5 CO Greeley, cj, ID 1000
	9 WY Laramie, cj, ID 1040
	5 CO Boulder, c, ID 1035
	l WY Riverton, r, ID 1170
47 new loggings this month, the result of fantastic open	ings into two much needed
areas. Lest you think I'm cheating, let me tell you that	
tives. For example, where I've designated "call letters,"	
call letters were heard. When a station was identified by	
call letters were heard. When a station was identified by license must have been mentioned at least once. The only	a local ad, the city of exceptions are station
call letters were heard. When a station was identified by license must have been mentioned at least once. The only slogans such as "96-TIC" or "Kilo-94," which are obvious a	a local ad, the city of exceptions are station nd can be identified by
call letters were heard. When a station was identified by license must have been mentioned at least once. The only slogans such as "96-TIC" or "Kilo-94," which are obvious a this. However, most slogans are useless and I would never	a local ad, the city of exceptions are station nd can be identified by
call letters were heard. When a station was identified by license must have been mentioned at least once. The only slogans such as "96-TIC" or "Kilo-94," which are obvious a this. However, most slogans are useless and I would never a simple "Q-106" or "Z-94" was heard.	a local ad, the city of exceptions are station nd can be identified by count a station if only
call letters were heard. When a station was identified by license must have been mentioned at least once. The only slogans such as "96-TIC" or "Kilo-94," which are obvious a this. However, most slogans are useless and I would never a simple "Q-106" or "Z-94" was heard. Can anyone help me with a couple of unidentifieds? Does	a local ad, the city of exceptions are station nd can be identified by count a station if only anyone know the location
call letters were heard. When a station was identified by license must have been mentioned at least once. The only slogans such as "96-TIC" or "Kilo-94," which are obvious a this. However, most slogans are useless and I would never a simple "Q-106" or "Z-94" was heard.	a local ad, the city of exceptions are station nd can be identified by count a station if only anyone know the location pening to Colorado and

Wyoming. Neither is listed in the 73s. Bob

+ + + + + + +

*Zenith Trans Oceanic w/whip from Wilkes-Barre. PA 5/7 tr 2318 WNVB 97.3 NJ Millwille, good w/T-40 on the adult side 135 2330 WNNN 101.7 NJ Salem, black religion, fair signal 135 2333 WKHI 99.9 MD Ocean City, fair thru semi-local WQQQ. T-40 210

Harry J. Hayes - 9 Henry Street - Wilkes-Barre, PA 18702 Equipment: Superadio- FM-4G antenna and CM amp. at 25 feet in Thornhurst. PA

fadey quality on bad days. 5/8 tr 0024 WRDR 104.9 NJ Egg Harbor City, EL mx. good thru local WWDL 140 0100 WWOC 94.3 NJ Avalon, fair to poor w/EL mx 150 0130 WGRF 99.3 NJ Pleasantville, auto r, into "The Source" 140 145 0205 WSLT 106.3 NJ Ocean City, excellent, EL mx 0838 WKHI 99.9 MD Ocean City, local on antenna and in at good 210

2345 WSNJ 107.7 NJ Bridgeton, up to localike from its usual

listenable level on little portable w/whip. 0852 WRDR 104.9 NJ Egg Harbor City, localike c/local 140 0900 WRIO 102.3 NJ Cape May, good, "Heavenly Radio" 160 0912 WOHQ 104.7 MD Ocean City, fair, not in good this opening 210 1000 WGMD 92.7 DE Rehoboth Beach, v/good w/big bands. This 180 is a tough channel with WYZZ on 92.9.

5/15*Es 1951 KZZBt 95.1 TX Beaumont, k and "B-95" ID 5/16*Es 1535 WQID 93.7 MS Biloxi, "Q-93," strong 5/31 Es 1240 WAIA 97.3 FL Miami, strong, "WA-1-A" 1240 WPCVt 97.5 FL Winter Haven, strong with nx

6/7 *Es 1649 KSSN 95.7 AR Little Rock

1653 KISR 93.7 AR Fort Smith 1700 KTCS 99.9 AR Fort Smith 1701 KPXI 100.7 TX Mt. Pleasant, Mor mx 1715 KPLX 99.5 TX Dallas, strong, k 1719 KZEW 97.9 TX Dallas, r, thru local WVCD

1721 KMOD 97.5 OK Tulsa. r 1722 KWFC 97.3 MO Springfield

1727 KMCK 105.7 AR Siloam Springs, contest, "K-106" IDs 1740 KWEN 95.5 OK Tulsa, no call ID. Does not call self "Queen" now 1748 KCFM 97.1 MO Florissant, long wx forecast 1750 WCRC 95.7 IL Effingham, short skip, roughly 600 miles

1753 KFBDt 97.7 MO Waynesville, call heard 1755 KTEN 93.3 OK Ada, very common one on skip here 1756 KEGLt 97.1 TX Fort Worth, "Eagle Rock," no calls

1800 KLKC 93.5 KS Parsons, woman w/nx, many IDs, loc. ment. 1803 KINK 98.9 OK Oklahoma City, IDs, next to strong WKRZ

1816 unID 93.9 TX Spanish programming, heard previously. (KESS?-RS) 1818 KOMB 103.9 KS Fort Scott, strong, r. many IDs 1835 KLZR 105.9 KS Lawrence, "Lazer Rock"

1835 KRBE 104.1 TX Houston, traffic report, "KRBE Eagle" 1836 KSKG 99.9 KS Salina, "99-KG" 1842 KMEZ 100.3 TX Dallas, EL mx

1850 KJCK 94.5 KS Junction City 1853 KFKF 94.1 ?? ? Many IDs. but I don't know where

1859 KYES 93.7 KS Salina, k 1901 KXLS 99.7 OK Alva-Enid, excellent non-fading signal

1916 KVIL 103.7 TX Dallas, lousy signal 1920 KMGC 102.9 TX Dallas, good signal, r

1922 KTXQ 102.1 TX Fort Worth, good, no CID, "Q-102" 2020 KMBR 99.7 MO Kansas City, r

6/8 *Es 1830 KYCK 97.1 ?? This call and "Kicker." I assume Crookston, MN 1831 KCJB 97.1 ND Minot, fighting w/KYCK

1834 KYTN 94.7 ND Grand Forks, "Y-95" 1850 KXGRt 96.9 MN Grand Rapids, local ads

1901 CHMM 97.5 MB Winnipeg, ex-CJOB, good Mor and nx 6/12 Au 2000 WRJA 88.1 SC Sumter, mult. ID, antenna due North, weak

6/13 Es 2110 KSSN 95.7 AR little Rock 6/15°Es 2004 WKSJ 94.9 AL Mobile, "KSJ

2012 WUOA 95.7 AL Tuscalcosa, old r, IDs 2012 WDJCt 93.7 AL Birmingham, ment. Birmingham

- Remarks Continued -

AUGUST 1982

NORTHERN FM DX

If I had sent a report last month as I intended, I would have said that this was the worst season on record. However, the season redeemed itself somewhat this month. The skip season is better on TV (more of it) than 1981. Less of the skip seems to be reaching FM. The quality of the season has not nearly reached pre-1977 levels I would say. The 6/7 skip was all done with the Zenith T-O and whip deep within the Wyoming Valley as well as that on 6/8. The Zenith has served me well since I started DXing. It is quite a skip set. Numerous catches are made possibly due to the fact that I am in a valley and I have protection from strong semi-locals. KZEW-97.9 is one of these catches. Ten mile distant WVCD-97.9 is weakened to an extent by high mountains to the South, permitting Dallas to override the signal. I wonder what the EL listeners in this area thought when they heard "their station" playing rock? Being the only EL FMer in the area. WVCD has a big audience here.

John A. Callarman - 1122 Maple St. - Mt. Vernon, IL 62864

Nine days on the road and some damage to my rotor control unit from a power surge after a four-hour power outage has hampered DX in June. The antenna, since about June 8, has been frozen to the north. A repairman has the control unit, and believes he can fix it, and hopes there's no damage to the rotor itself. If there was a good Es opening between June 8 and June 20, I don't want to know about it. I was on the road those dates, visiting family in Texas. Here's what's heard --May 25 -- WNON 100.9 Lebanon IN heard weakly in newsblock 1724-1730.

May 26 -- KHFO 98.1 Osceola AR noted 2014-2020 with gospel music, first time heard in multi attempts. Fortunately, there was a full station ID at 2014 for the tape machine. WNJC 90.1 Senatobia MS still on this frequency 2040 giving address for calendar items; KWAM-FM 101.1 Memphis TN now "Magic-101" in through the evening with soul music and lots of nightclub commercials.

June 1 -- WQEZ 96.5 Birmingham very strong 1859, but did not have tape running when switched to 99.5 just as WRKK gave full ID. Their strict non-ID is "K-99," not "R-99." I did hear the call letters 2043, on a tough frequency with only a tiny window through WKDQ. No other Birmingham noted, and only one Knoxville, WIVK-FM 107.7 1910 through 1939. KDEX-FM 102.3 Dexter MO heard for first time 2100, and s/off taped 2158.

June 6 -- Good Chicago opening with WJEZ 104.3 logged for first time with country music 2028-2201 off and on. WCLR 101.9 Skokie-Chicago briefly with Sinatra music (rarely heard anymore, durnit) around 2040. WVCY 107.7, Milwaukee, segueing soft gospel tunes and identifying as Christian Family Radio became first and only WI in log. (Attempt to squeeze ID out of classical music on 96.5 failed). WLUP 97.9 with call letters as "The Loop-98" ID at 2210. Full ID for WLFQ 103.9 Crawfordsville IN at 2258 confirms suspicion of a previous session on beautiful music station here.

June 7 -- Despite antenna problems, a little Es noted. (Es I assume, though a Terre Haute station's newscast talked about auroral conditions existing in the sky as far south as Terre Haute and the band sounded "whooshy" on some signals). WFAU-FM 101.3 Augusta ME noted 1854-1905 with music like "Honeycomb" and CBS News. Station on 106.9 ID ing as what sounded like "Kicks-106" and which I first took to be Birmingham noted -- I'll get back to this one. Tape on 107.5 badly squeezed rocker with spot for rock concert in Portland and station promo searching for Maine's Best Video Game Player merited a taped report to WBLM Lewiston. The one on 106.9 gave a promo for a Tee-Shirt giveaway including phone number 315-253-7355. It was while I was checking SRDS for WKXX address that I learned something was amiss with the area code. It was Central New York instead, and checked to WPCX Auburn NY. I sent them the tape and received a verification, with a clarification of the non-ID; it's "Picks-106." Distance is only about 620 miles, which seems short for Es, long for Au. and only up briefly with nothing else from the area in so I discount tropo. I'll learn, I hope. I can still start the antenna, but can only stop it haphazardly. It wound up south tonight for good tape of WJHR 103.1 Jackson TN with rock and "J-103" non-ID, but call letters at 2023. The only thing new this night.

June 21 -- Returned from Texas around 1700 this date, but did not get the radio turned on until 1903. News in French on 100.9 was followed by full CBJ-FM Radio Canada, Chicoutimi ID and symphonic music, quickly lost to WKXK. Another French speaker was noted on 98.1, but could not dig out an ID. No other evidence of Es the rest of the evening.

June 24 -- Full ID for WPCD 88.7, not heard for three years, at 1720 and on. Very weak signal from WEFT 90.1 Champaign, with loose format, listener access show at 2033. but almost nothing heard through WMBI and WVIK. (WMBI I can get when no other Chicago station is available). Progression of black preachers on 92.3 occasionally noted through WIL 2117 to 2300, but I still can't tape a WYCA Hammond IN ID.

- Continued -

June 27 -- Heart skipped a beat for a moment or two on 89.1 with WVJC apparently off the air and program of Mexican ranchera music in beginning at 1806. Lack of commercial content from announcements in Spanish and fringe faint quality of the reception dampened my enthusiasm. Ranchera continued faintly through 1900. followed by 15 minute commentary in Spanish by man and woman, but turned about to be NPR feature, aired by WGLT Normal IL -- which still is a new station for me. As good as Quad-Cities reception has been this past week, I wish I could shift my antenna about 30 degrees west for some needed stations in that area! 73 John

Ronald Purdue - Route #1, Box 224 - Byron, MN 55920 Equipment: Realistic Modulaire-8 and Archer "Stereo Supreme" FM Antenna; Coax Lead-in

•							
5/25 tr		6/7	Ēs				
1828 WAPL 105.7 WI Appleton, ads,	r, 209	1712	WNBR	100.7	NJ	Wildwood, ID, Mol	R 968
"Apple-106"		6/13	tr				
1834 WIXX 101.1 WI Green Bay, r	222	0824	WISQ	100.1	WI	West Salem MoR	75
1838 WSPT 97.9 WI Stevens Point, 1	r 151	6/15	Es				
1850 WWRW 103.3 WI Wisconsin Rapids	s, 137	1658	WKSJ	94.9	ΑL	Mobile, ad, k	948
r, "W-103"		1702	WBLX	92.9	ΑL	Mobile, s	948
1854 WRLO 105.3 WI Antigo, ads, r	184	1706	WPAP	92.5	FL	Panama City, nx	1027
1900 WRVM 102.7 WI Suring, nx		1707		92.5	TΧ	Dallas, r, ad, II	
1905 WCOW 97.1 WI Sparta, ads		1720				Forest, ads	820
1910 WISQ 100.1 WI West Salem, MoR	75	1741	WKBB	100.9	MS	West Point, nx/ac	1 750
NEW, On the air		1745				Biloxi, r, ABC no	k 958
1923 WZEE 104.1 WI Madison, r, "Z-1	104" 168			96.1	AL	Mobile, nx	948
6/6 Es		1813		93.3	LA	New Orleans, ads	978
1636 KELT 94.5 TX Harlingen, k,	1280	6/17					
ads, wx			KGGO	94.9	IA	Des Moines, ads	178
1644 KVIC 95.1 TX Victoria, r, ID,							
1656 KITY 92.9 TX San Antonio, r		2011	KOID	93.1	LA	Alexandria,	889
1705 KBAT 93.3 TX Midland, k, ad,						r, "93-QID"	
1716 KOYE 94.9 TX Laredo, r, ID		6/26					
1719 KSET 94.7 TX El Paso, ID, r,	1125	1020		92.5	WI	West Bend, EL	225
(Supposed to be k), "K-Set"	_ [6/26	Es				
1732 KBIL 92.9 TX San Angelo, r		1105	ACHA	94.1	GA	Savannah,	1027
1751 KITY 92.9 TX San Antonio, ad,		İ				k, ads, "Y-94"	
1812 XHAAA 93.1 TAM Reynosa, SS mx	1290	1132	WSSX	95.1	sc	Charleston,	1027
6/7 Es	_					ads, "95-SX"	
1657 WIZD 98.7 FL Fort Pierce, wx.							1027
1708 WDIZ 100.3 FL Orlando, r, ID							
It has been a good month for FM-DX							
for KSET-FM. They were playing roo							
the FCC-TV column in the June VUD t							
cial FM station on 90.7, but no mer							It is
to be operated by MN Public Radio.							
were my first FM verie! They came							
on a tropo opening. Yesterday, the							
the morning it was more steady. I							
the summer months, so let's have an				See yo	u i	in 30. 73 and Good	ı DX.
	+ + +	+ + +	+				

William R. Hepburn - c/o TCTI - 1950 Montreal Rd. - Cornwall. ON K6H 6L2 Equipment: Sears portable multi-band on 4th floor w/whip

tr					15/13	tr				
WEIV	103.7	NY	Ithaca	200	2301	WKCU	97.3	NY	Ithaca	200
tr					2317	WRLX	106.9	YN (Auburn, o/CKO-1	170
WIGS	95.3	NY	Gouverneur	58	5/15	tr				
BALL WI	こしいつ~フ	N Y	ITABCA	200	0122	WEIV	:103.7	NY.	Ithaca	200
<u>tr</u>					5/17	tr				
WEZO	101.3	NY	Rochester	195	0540	WCMF	96.5	NY	Rochester	19 5
WPLL	90.0	PA	Montrose	225	0613	CIGL	97.1	LON	Belleville	150
WGBI	101.3	PA	Scranton	255	5/19	tr				
WMRY	105.7	NY	Endicott	205	0718	CIMO	:106.1	L PQ	Magog	
MEIA	103.7	NY	Ithaca	200	5/24	tr	•			
<u>tr</u>					2220	WM RV	:105.7	NY	Endicott	205
WPEL.	96.5	PA	Montrose	225	5/27	tr	_			
MTRO	98.7	NY	Utica	135	0001	CJBC	106.3	5 ON	Peterboro,	190
WOUR	96.9	ΝŸ	Utica	135	(FF		
	Total	ín	Cornwall at 88			73s 1	il ne	ext	time, Bill	0.1
	TE WIGS VEIVE TO WEZO WPEL WGBI WEIV WEIV WEIV WIBO	TYPEL 96.5 WPEL 96.5 WEIV 103.7 TYPEL 96.5 WPEL 96.5 WPEL 96.5 WPEL 96.5 WPEL 96.5 WPEL 96.5	TY WIGS 95.3 NY WEIV 103.7 NY TY WEZO 101.3 NY WPEL 96.5 PA WGBI 101.3 PA WGBI 105.7 NY TY WEIV 103.7 NY TY WFEL 96.5 PA WIBQ 98.7 NY WIBQ 98.7 NY WOUR 96.9 NY	tr WEIV 103.7 NY Ithaca tr WIGS 95.3 NY Gouverneur WEIVt103.7 NY Ithaca tr WEZO 101.3 NY Rochester WPEL 96.5 PA Montrose WGMI 101.3 PA Scranton WMRV 105.7 NY Endicott WEIV 103.7 NY Ithaca tr WPEL 96.5 PA Montrose WIBQ 98.7 NY Utica WOUR 96.9 NY Utica Total in Cornwall at 88	tr 58 58.3 NY Gouverneur 58 58 58 58 59.3 NY Gouverneur 58 58 59.3 NY Ithaca 200 59.3 NY Ithaca 200 59.3 NY Rochester 195 59.3 NY Rochester 195 59.3 NY ROCHESTER 101.3 PA Scranton 255 59.3 NW IO.3 PA Scranton 255 59.3 NW IO.3 PA Scranton 200 59.3 NY Ithaca 200 59.3 NY Ithaca 200 59.3 NY IO.3	tr 58 2317 2318 2318 2318 2319 2318 2319	tr 2317 WRLX WIGS 95.3 NY Gouverneur 58 5/15 tr WEIVt103.7 NY Ithaca 200 00122 WEIVt 5/17 tr 5/17 tr 05/40 WCMF WCMF WCMF WCMF WCMF WCMF VCMF VCM	tr 231 WRLX 106.9 WIGS 95.3 NY Gouverneur 58 5/15 tr WEIVt103.7 NY Ithaca 200 00122 WEIVt103.7 tr 5/17 tr 5/17 tr WPEL 96.5 PA Montrose 225 0613 CIGL 97.1 WRIV 103.7 NY Endicott 205 5/19 tr WEIV 103.7 NY Ithaca 200 5/24 tr WPEL 96.5 PA Montrose 225 5/24 tr WPEL 98.7 NY Utica 225 5/27 tr WIBQ 98.7 NY Utica 135 0001 CJBC 106.3 WOUR 96.9 NY Utica 135 (CJBC -5).	tr 2317 WRLX 106.9 NY WIGN 95.3 NY Gouverneur 58 5/15 tr 5/17 tr 5/1	2317 WRLX 106.9 NY Auburn, o/CKO-1

AUGUST 1982

AUGUST 1982

David J. Nieman - 12284 Nice Rd. - Akron, NY 14001

									200 1		ARTON		21002	
5/12	GV													
2330	GW W288A	τ	/ww	TIC)					6/18					
	WEOUR	10E E	'WE	00)	_				0100	KUWR	* 91. 9	YY (Laramie, c	1375
E /20		102.2	NI	Broctor	1, K			62	6/20	Es			Killeen, o/WWSE	
5/29	tr	•							2034	KIXS	93.3	TX	Killeen, o/WWSE	1375
0030	WVTF*	89.1	٧A	Roanoke	, j.	ex-	WVWR	405	2041	KWTY	* 97.5	TPX	Waco, m	1285
97.7	<u> 148</u>								2040	KIPP	• 60.7	TTY	Austin.	
	ZBM	89.1	BM	Hamilto	n. r			1000		KUI	,00,			1355
2000	KKED*	90.3	TX	Corpus	Chris	++				****	****	-	c, fund raise	
2004	KPFT*	90.1	ΨX	Houston		, ,	C	1200	2100	VVOD	.TOO. \	TA	Austin,	1355
		,		SS fund	· •	_		1275					"kase" o/CHIN	
2010	WBRH	00.2	T 4	Bot I did	Pale				2101	KVAR	104.5	TX	San Antonio,	1430
	KRVS	90.7	TA	Baton R	ouge,	gr		1090					SS o/CHUM	
6/8		00°T	TVA	Lafayet	te, c	;		1130	6/22	tr				
		00 -							1349	WESS'	90.3	PA	East Stroudsburg	225
	WUVF	88.1	FL	Pensaco	la, c	;		995	6/26	Es				
	WPCS	89.3	FL	Pensaco	la. o	:					90.3	Τ.Δ	Baton Rouge, g	1090
1312	KTSU*	90.9	TX	Houston	. s	,		1275	1124	WOTTE	96.7	WO	Gulfport, r	
1351	KAPM	92.5	TX	Dallas.	T			1200	1128	WOVE	7007	TA	Baton Rouge, m	1035
1400	KJON*	92.1	AR	Boonevi	11.			1200	1120	WOAT.	100.7	LA	Baton Rouge, m	1090
		,		k. "K-J	ON OR	-11		970	TTOT	MRIO.	95.7	ĿА	New Orleans,	1090
1414	KK EC: *	02 1	A D	Fayette					l				m, o/WEBF	
1450	VIJI C	75.1	MA.	Pratt,	ATTTE	, r		935	1142	WOKK 4	97.1	MS	Meridian, k	920
1500	KDCK	32.T	v	Pratt,	K			1100	1203	KTDY*	99.9	T.A	Lafavette, o/CKE	41130
			KS	Dodge C	ity,	r		1150	1204	WYNK.	101.5	LA	Baton Rouge, k	1090
1505	KXCA+	90.5	MO	Maryvil:	le, c			850	1212	KBIU*	103.7	LA	Lake Charles, r	1185
	KLJC	88.5	MO	Kansas	City,	g		870	1215	WZZK*	104.7	AT.	Birmingham, k	785
1829	KCND*	90.5	ND	Bismarch	C. C			1100	1216	WATT.	105.3	T.A	Slidell, s	1070
1832	unID	91.9	??	? FF. C1	BC			2222	1210	WOSB *	105 1	AT	Albertville, k	
1838	KYCK*	97.1	MN	Crookst	on. k			925	1227	77V7	100 E	7.4	Albertville, K	730
1848	CITI	92.1	ΜВ	Winnipe	7			1000	1266	VAAA.	10/.7	T-A	Ruston, k	1045
		,		pr. "Cit				1000	7544	KCOZ-	100.1	LA	Shreveport, m	1100
1858	KAYE*	01 7	ww	Grand Ra	, y r m				1252	KTXQ*	102.1	TX	Fort Worth,	1215
_0,0	- LIVER	2201	LI II	Grand Ra	rbras	,		760					r, o/CFNY	
6/12	Au-Es			fund rai	se			- 1	1256	MHOD.	104.9	AL	Jackson, k	950
								1	1259	KOAX*	105.3	ТX	Dallas, m	1200
2000	to 010	O No	ID'	s, just	lots	οſ	nois	. I	1250	L COLUMN 2	7077	ma	AL - 11	1140
2100	to 231	5 MUF	CH	-6 & hri	ofl v	t۸	EN O	n a I	1354	KPMO+	101.9	NE	Lincoln, pr	940
<u>6/13</u>	<u>Au</u>				-			· 1	1435	KTRS	95.5	WV	Casper, r	
1745	to 233	O No	ID.	s; lots	of no	oise	829	in.	6/26	tr	11.0	~.	ogoher. t.	1380
	(*I	D on	tap	e; New u	nder	line	4)]		WCXI	02.7	ur	D. L	
				-, u			_,	- 1	±76./	MOYT	ソニ・ク	ΜŢ	Detroit, k, ex-W	'WR
								+ + +	+ +	+				

Alan L. Michalek - 227 Redlands St. - Springfield, MA 01104 Equipment: Panasonic RF-2900 with whip antenna

				Equipment: Panasor	nic	RF-290	O wit	h whip	an	tenna
5/7	tr					6/2	Ec			
2250	WQHQ	104.7	MD	Ocean City-Salisbury	4	1634	KTMO	08 0	¥0	Kennett, k
2255	WSLT	106.3	NJ	Ocean City	,	1635	UNTD	20.3	MU 20	? "Q-98," Joe
2320	WSNJ	107.7	NJ	Bridgeton		10))	uni	70.5	. 3 3	6-20'. 10e
2350	WDAS	105.3	PΔ	Philadelphia		1640	TD	Purc	ett.	for Governor ad
2400	WNCN	104.3	NV	New York, c		1040	anth	90.5	33	? "Z-99," Mention
5/8	tr			*		3 6 h E	LITHIT	Natc	162	-Trace
0020	WYSP	04.1	DA	Philadelphia		1047	MKOT	97.3	IL	Carmi, k
0040	UNNN	101 7	NT	Canton, g		1074	ALAA	103.7	AR	Little Rock
0100	WDUU	101-1	MO	Patterson		1022	WRVR	104.5	TN	Memphis, Shoney's ad
0100	WADD	107.5	MI	ratterson		T020	ARCK	102-7	AR	Silosa Saminge
OTOT	WAFF	102.2	NI	Lake Success, ex-WTF	/M	TODO	MAHI	105.3	IN	Evanavilla
0922	WALL	97-7	DE	Milford		1701	<u>KMJX</u>	105.1	AR	Conway-Little Rock,
0002	MPINT	104.5	PA	Philadelphia,						r. "Maric-105"
-0				"Sunny-104"		1703	KWK	106.5	IL	Granite City-St Louis
0815	WQXR	96.3	NΥ	New York, c		4/0 2	MUJM	107.7	MO	St. Louis, "Mario-108"
5/15 1915	Es					1/67	WITZ	104.7	IN	Jasper
1915	WWWL	93.9	FL	Miami Beach,		1725	WCIL	101.5	II.	Carbondale
				"Love 94-FM"		1730	VIMB	104.5	TT.	Springfield,
6/7	Es WNJC									k, "Country-105"
1604			MS	Senatobia, r		1732	WWVR	105.5	TN	West Terre Haute, g
1609	WKBJ	92.3		Milan, k,		1740	VDBR	103.7	TI	Springfield, r
				"FM-92," Cards BB		1745	K.I KI.	103 7	<u> </u>	Lebanon
1620	WLVS	94.3	TN	Germantown, k		1758	VI.DY	100 1	TT	Lincoln
1623	WNDA	95.1		Huntsville		1802	KTITT	100.1	**	DINGOIN
_			_				*** 01	100.9	ΜÜ	Sullivan, "KT-101"

6/7 Es		6/15	Es			
6/7 Es 1818 MWZ 101.1 MO	Carrollton, k,	1910	WPEH	92.1	GA	Louisville,
	"MIZZOU-IUI," ex-KAUL					r, Braves BB
1820 WHPO 100.9 IL	Hoopeston, k					Pensacola, m
1821 KESM 105.5 MO	El Dorado Springs	1945	WLWI	92.3	AL	Montgomery, k, "I-92"
1040 KMRR 99.7 MO	Kansas City	2007	WOKK	97.1	MS	Meridian, k, ex-WALT
1851 WOCV 99.5 IL	Quincy	6/22	Es			
1859 KWRJ 96.9 KS	Pittsburg	1610	WVHG	92.1	\mathbf{FL}	La Belle, k
1003 WIBW 97.3 KS	Topeka, "97-FM"	1620	WUCF	89.9	FL	Orlando, Or. Twins BB
1002 WLAX 97.7 IL	Streator, m	6/26	Es			
1025 KSTG 97.7 MO	Sikeston	1140	KLIL	92.1	LA	Moreauville
1038 WCAZ 92.1 IL	Carthage	1205	WJNS	92.1	MS	Yazoo City
1939 WJRE 92.1 IL	Kewanee, k	1209	WOOR	97.5	MS	Oxford
1955 KPKF 94.1 KS	Kansas City, ex-KCKN	1225	KLAZ	98.5	AR	Little Rock
2005 WSSR 91.9 IL	Springfield	1227	KWEHt	97.1	AR	Camden
2012 VLRW 94.5 IL	Champaign, k	1229	WHRK	97.1	TN	Memphis, "K-97"
2030 KOPN 89.5 MO	Columbia	1235	WMC t	99.7	TN	Memphis, "FM-100"
(Time is	EDT)					Jacksonville, "FM-100"
•			_			

Daniel E. Oetting - 2882 Old Cedar Grove Rd. - Broomall, PA 19008

Daniel E. Vetting - 2002 Ula Ceda	ar Grove Rd Broomail, PA 19000
4.5	6/D E-
6/1 tr	6/7 Es 1818 KMAZ 92.9 NE Beatrice, km, ad
2000 WKSB 102.7 PA Williamsport, r	
2022 WBEN 102.5 NY Buffalo, r,	1820 WIFC 95.5 WI Wausau, r, ID
WRFY off due to TS.	1822 KEZO 92.3 NE Omaha, rp, "Z-92"
6/2 GW&AS	1830 KOAK 95.3 IA Red Oak, ID
1751 WRHY 92.7 PA Starview, m, ID, only	1830 KCKS 95.3 KS Concordia, wx, ID
70 miles away. Was on my "should have"	1833 KNCY 97.7 NE Nebraska City, wx, ID
list. Finally got it; WIFI off.	1839 WYFEt 95.3 IL Winnebago, rp, "Y-95"
1759 WINC 92.5 VA Winchester, r, local nx	1849 KQKQ 98.5 IA Council Bluffs, ad, s
1801 WMJQ 92.5 NY Rochester, rp,	1854 KELS 92.1 OK Ardmore, r, ID
reception confirmed by telephone.	1856 KJCK 94.5 KS Junction City,
<u>6/3</u> <u>Es</u>	r, ad, "\$-94"
2042 unid 91.3 ?? ? c	1859 KNIN 92.9 TX Wichita Falls, m, ID
<u>6/7</u> <u>Bs</u>	1902 KSMX 92.1 IA Ft. Dodge, r, ID
1143 WINZt 94.9 FL Miami Beach, r, out 1145	1905 KSRD 96.9 NE Seward, k, ID
1522 unID 92.3 ?? ? auto r	1920 KMRJ 96.9 KS Pittsburg, r, ID
1656 KCEZ 94.9 MO Kansas City, m, ID	1922 KLUR 99.9 TX Wichita Falls, k, ad
1658 KFBD 97.7 MO Waynesville, r, ID	1930 KLJCt 88.5 MO Kansas City, g
1659 KATT 100.5 OK Oklahoma City, rp, "Cat"	2003 KVRP 95.5 TX Haskell, k, ID
1700 KMOE 92.1 MO Butler, nx, km, ID	2005 WMAD 92.1 WI Sun Prairie, rp, ID
1701 KBEZ 92.9 OK Tulsa, m, ID	2008 KCPI 95.3 MN Albert Lea, r, ID
1704 KKRD 107.3 KS Wichita, ad	2014 KFMD 92.9 IA Dubuque, r, "D-93," ad
1705 KMOX 103.3 MO St. Louis, rm, ID	2021 WACI 92.1 IL Freeport,
1706 KPRS 103.3 MO Kansas City, s, ad	Brewer's BB, ID
1709 KJMO 100.1 MO Jefferson City,	2050 MUF off FM
r, ad, "J-100"	6/8 Es
1709 KCFO 98.5 OK Tulsa, g, ID	1113 KQKIt 95.3 LA Bayou Vista,
1710 KMOD 97.5 OK Tulsa, rp, ID	heard "Bayou"
1715 KCFM 97.1 MO Florissant, m, nx, ID	1340 KBEZ 92.9 OK Tulsa, m, ID
1717 KSKG 99.9 KS Salina, r, ad	1347 KWEY 97.3 OK Weatherford, k, ad,
1718 WEAIt100.5 IL Jacksonville, rm	"Big W-Country"
1720 KEYN 103.7 KS Wichita, ad	1350 KMOE 92.1 MO Butler, km, ID
1723 KLZR 105.9 KS Lawrence, rp, ID	1355 KCEZ 94.9 MO Kansas City, m, ID
1726 KDVV 100.3 KS Topeka, rs,	1400 KOEZ 92.3 KS Newton, m, ID
nx, ad, "V-100"	1405 KMAZ 92.9 NE Beatrice, km ad
1732 WIBW 97.3 KS Topeka, r, ad, "FM-97"	1406 KTTN 92.1 MO Trenton, wx, ID
1740 WHNN 96.1 MI Bay City, r, ID, My	1848 CITI 92.1 MB Winnipeg,
shortest Es on FM. Only 490 miles away!	rp. "92 City-FM"
1743 WKKM 92.1 MI Harrison, local PSA	1849 CHIQt 94.3 MB Winnipeg, rp
1743 WCAZ 92.1 IL Carthage, k, ID	1849 CHMMT 97.5 MB Winnipeg, km
1750 WKJF 92.9 MI Cadillac, mr, ID	1849 CBW t 98.3 MB Winnipeg, c
	6/10 Es
	1610 CENM 90.3 NF Marystown, mr,
1755 KNUEt101.5 TX Tyler, m,	St. Anthony fishing report
"FM=101," "TSN nx"	1818 KATT 100.5 OK Oklahoma City, pr.
1756 KAYO 97.7 MO Warsaw, m, "Ozark-98"	very little Es on TV
1810 KOEZ 92.3 KS Newton, m, ID	AGLA TICCIO UN OU I.

NORTHERN FM DX

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1831 NUF off FM
                                           ionally in the FM band. Still noted Es on
6/11 tr
                                           FM at 0025 - 6/14. Never heard such late
2240 Excellent Delmarva - SE VA tropo
                                           FM Es. 91.3, 92.9 & 89.9 - suspect
2254 WSFL 106.5 NC Bridgeton, in good 360 Mobile, AL and New Orleans, LA.
2255 WMYK 93.7 NC Elizabeth City, rp
                                           6/15 Es (95.3 is MUF)
                                           1944 WCAZ 92.1 IL Carthage, ad
0540 WAZZ 101.9 NC New Bern, k, ID
                                       365 1950 MUF off FM
2100 WOBR 95.3 NC Wanchese, m
                                           6/16 tr
2130 WBCI 96.5 VA Williamsburg, o/local
                                           1830 W249AA (WKDN ID)
2135 WYVA 94.1 VA Yorktown, k
                                                      97.7 PA Lebanon
2310 WKWI 101.7 VA Kilmarnock, s/off
6/13 Es
2108 KMYO 92.1 OK Broken Arrow, ID, "Camed" 6/24 tr
                                           2134-2142 unIDs on 89.9 & 90.7
MUF jumping up and down all night, occas- 0545 CJRT 91.1 ON Toronto, c, ID
New record - 27 new FM stations were received in a 3½ hr. period - 6/7 - 1655-2025.
Plenty of good Es in the first half of June, but nothing in the second half. Not a
whole lot of tropo in June. Hope conditions pick up in July. Broomall total: 476.
                                       73's Dan
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Dan Oetting cont'd:

Patrick Durkin, Jr. - 1940 Oakdale Ave. #305 - West St. Paul, MN 55118 Equipment: Pioneer SX-850 with dipole antenna or GE Superadio 7-28808 w/whip, both antennas at 35 ft. (West St. Paul). SX-850 with Winegard CH-6065 at 30 ft. in West Allis; Superadio in Freehold, NJ.

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4/14 tr (from West St. Paul) 0020 KNNS 96.9 MN Grand Rapids, ex-KXGR, ex-96.7, \$ 1950 KZOR 94.1 NM Humble City, 995 10040 MPL 105.7 WI Appleton, r\$ 230 1941 KEMY 92.1 TX Commerce, m\$ 820 1942 KEMP 92.1 TX Commerce, m\$ 820 1942 KEMP 92.1 TX Commerce, m\$ 820 1943 KEMP 92.1 TX Commerce, m\$ 820 1943 KEMP 92.1 TX College Station, x\$ 1005 1005 KNWS 96.5 SD Sioux Falls, g\$ 200 2043 KNTW 92.9 TX San Angelo, m\$ 1010 1017 VZUU 95.7 WI Milwaukee, r\$ 280 2045 KNTW 95.9 TX San Angelo, m\$ 1010 1017 VZUU 95.7 WI Milwaukee, r\$ 280 2045 KNTW 95.9 TX San Angelo, m\$ 1010 1012 WIC 96.5 CT Hartford, r 135 2134 KRET 105.7 OK Anadarko, k mon 725 1055 WXKS 107.9 MA Medford, r 220 2136 KRAN 105.1 TX Abilene, k\$ 930 2020 WGR 100.5 CT New Britain, r 135 2145 KARE 100.7 TX Austin, k\$ 1040 2020 WICH 100.5 CT New Britain, r 135 2145 KARE 100.7 TX Austin, k\$ 1040 2020 WIND 88.9 CT Hartford, g 135 2145 KARE 100.7 TX Austin, k\$ 1040 2020 WIND 88.9 CT Hartford, g 135 2145 KARE 105.1 TX Abilene, k\$ 930 2025 WGN 88.1 NY Brockville, r, 100w 50 6/26 Ex (From West St. Paul) 1065 WKSJ 94.9 AL Mobile, k\$ 1045 1052 WKSJ 94.9 AL Mobile, k\$ 1045			166110	Lug Mos		
175 1908 1200 1000 1	4/14 tr (from West St. Paul)	16/12	Es			
## ## ## ## ## ## ## ## ## ## ## ## ##	0020 KNNS 96.9 MN Grand Ranids. 17	1 100K	770B	OL 1 NU	Unmbla City	ME
4/25 tr 105.7 WI Appleton, r\$ 200 201 X X Commerce, m\$ 820 2045 X X X X X X X X X	ex-KYGP. ex-96.7 \$	71200	MEON	AAT NE	me uz olu	777
1941 105.7 WI Appleton, r\$ 230 1941 KETX 92.1 TX College Station, r\$ 1005 2048 WHTT 102.3 WI Whitehall, r mono 985 2048 WHTT 1040 2049 WHTT 1040 WHTT 1	4/24 tr	1075	VTMM	02 7 mv		000
### ### ### ### ### ### ### ### ### ##	0040 WARE 105 7 WE Application of 27					
2248 WHTL 102.3 WI Whitehall, r mono 5/2 tr 2041 KBII 92.9 TX San Angelo, r\$ 1010 0117 WZUU 95.7 WI Milwaukee, r\$ 280 0136 KGOR 99.9 NE Omaha, r\$ 290 0136 KGOR 99.9 NE Omaha, r\$ 290 0136 KGOR with Kool and the Gang" 5/12 ms 0136 KGOR with Kool and the Gang" 187 WELX 92.9 AL Mobile, s\$ 1045 0112 WTIC 96.5 CT Hartford, r 135 0155 WXKS 107.9 MA Medford, r 220 0155 WXKS 107.9 MA Medford, r 220 0120 WQGN 105.5 CT Groton, r 135 0214 WROR 98.5 MA Boston, r 235 0216 WRCH 100.5 CT New Britain, r 136 0214 WROR 98.5 MA Boston, r 25 0305 WJMJ 88.9 CT Hartford, g 155 0305 WJMJ 88.9 CT Hartford, g 155 0416 Ea (from West St. Paul) 1854 WELX 92.9 AL Mobile, s\$ 1045 1059 WKSJ 94.9 AL Mobile, s\$ 1045 1729 WGWF 93.3 LA New Orleans, r\$ 1040 1729 WGWF 93.3 LA New Orleans, r\$ 1040 1879 WGWF 93.3 LA New Orleans, r\$ 1040 1729 WGWF 93.3 LA New Orleans, r\$ 1040 1729 WGWF 93.3 LA New Orleans, r\$ 1045 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1740 WJLQ 100.7 FL Pensacola, r\$ 1045 1750 WKSJ 94.9 AL Mobile, s\$ 1045 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1759 WELX 92.9 AL Mobile, s\$ 1045 1759 WELX 92.9 AL Mobile,	h/25 hm 10% / WI Appleton, Fa 25					
2041 KRIL 92.9 TX San Angelo, r\$ 1010	32/8 William 202 7 117 18 14 1 22					1005
0105 KNWS 96.5 SD Sioux Falls, g\$ 200 2043 KNLW 95.9 TX San Angelo, m\$ 1010 0117 WZUU 95.7 WI Milwaukee, r\$ 280 2045 KJAK 92.7 TX Slaton, g 915 7/3 ms 1016 KGOR 99.9 NE Omaha, r\$ 290 KBAT 93.3 TX Midland, k\$ 1010 0136 KGOR 99.9 NE Omaha, r\$ 290 KBAT 93.3 TX Midland, k\$ 1040 0059 WSRS 96.1 MA Worcester, m 185 2110 WJNS 95.7 AR Little Rock, k\$ 700 2102 WGN 105.5 CT Groton, r 155 2145 KEAN 105.1 TX Abilene, k\$ 400 0207 WDRC 102.9 CT Hartford, r 155 2146 KEAN 105.1 TX Abilene, k\$ 1040 0214 WROR 98.5 MA Boston, r 215 2146 KASE 100.7 TX Austin, k\$ 1040 0214 WROR 98.5 MA Boston, r 215 2146 KASE 100.7 TX Austin, k\$ 1040 0216 WRCH 100.5 CT New Britain, r 150 2207 KVZL 92.1 LA Winnfield, \$ 895 0253 WCWP 88.1 NY Brockville, r, 100w 50 6/20 Es (from West St. Paul) 1854 WELX 92.9 AL Mobile, k\$ 1045 1004 1725 WMMK 92.1 FL Destin, k\$, "K-92" 1060 1727 WKYD 93.1 Al Andalusia, k\$ 1040 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1729 WQUE 93.5 A New Orleans, r\$ 1040 1729 WQUE 93.5 A New Orleans, r\$ 1040 1729 WQUE 92.7 TL Destin, k\$, "K-92" 1060 1727 WKYD 93.1 AL Andalusia, k\$ 1045 1045 1045 1045 1045 1045 1045 1045	2240 WHIL 102.5 WI Whitehall, r mono 9				Jackson, s mono	935
Oll? WZUU 95.7 WI Milwaukee, r\$ 280 2045 KAAK 92.7 TX Slaton, g 915 5/3 ms 2049 (KBAT 93.5 TX Midland, k\$ 1010 0136 KGOR 99.9 NE Omaha, r\$ 290 2056 WBLX 92.9 AL Mobile, s\$ 1045 0059 WSRS 96.1 MA Worcester, m 185 0112 WTIC 96.5 CT Hartford, r 135 0202 WQGN 105.5 CT Groton, r 135 0202 WQGN 105.5 CT Groton, r 135 0202 WQGN 105.5 CT Groton, r 135 0214 WROR 98.5 MA Boston, r 215 0214 WROR 98.5 MA Boston, r 135 0215 WCWP 88.1 NY Brookville, r, 1000 0305 WJMJ 88.9 CT Hartford, g 135 0305 WJMJ 88.9 CT Hartford, g 135 0305 WJMJ 88.9 CT Hartford, g 135 045 0510 Es (from West St. Paul) 1854 WELX 92.9 AL Mobile, k\$ 1045 1856 WKSJ 94.9 AL Mobile, k\$ 1045 1727 WKYD 98.1 AL Andalusia, k\$ 1010 1727 WKYD 98.1 AL Andalusia, k\$ 1010 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1721 WTIC 102.9 CT Hartford, r 135 0200 KEAN 105.1 TX Abilene, k\$ 930 0214 WROR 98.5 MA Boston, r 215 0215 KWJS 97.9 TX Arlington, g\$ 860 0214 WROR 98.5 MA Boston, r 135 0215 KWJS 97.9 TX Dallas, r\$ 860 0216 WROR 100.5 CT New Britain, r 130 02207 KVCL 92.1 LA Winnfield, \$ 895 0350 WJMJ 88.9 CT Hartford, g 135 0450 KRVS 88.1 LA Lafayette, c\$ 1015 0450 KRVS 88.1 LA Lafayette, c\$ 1015 0450 KRVS 92.7 TX Slaton, g 915 0400 KRSJ 94.9 AL Mobile, k\$ 1045 1045 WELX 92.9 AL Mobile, k\$ 1045 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1740 WJUE 93.3 LA New Orleans, r\$ 1040 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1753 WELX 92.9 AL Mobile, s\$ 1045 1750 WTM 95.5 AL Dothan, k\$ 1030 1759 WILP 96.1 AL Mobile, m\$ 1045 1759 WIL				92.9 TX	San Angelo, r\$	1010
2049 NEAT 93.3 TX Midland, k\$ 1010	0105 KNWS 96.5 SD Sioux Falls, g\$ 20				San Angelo, m\$	1010
0136 KGOR 99.9 NE Omaha, r\$ "KGOR with Kool and the Gang" 5/19 tr (from Freehold, NJ) 0059 WSRS 96.1 MA Worcester, m 0112 WTIC 96.5 CT Hartford, r 135 2134 KRFT 103.7 OK Anadarko, k mono 725 0155 WXKS 107.9 MA Medford, r 0202 WQRN 105.5 CT Groton, r 135 2141 KASE 100.7 TX Abilene, k\$ 1040 0207 WDRC 102.9 CT Hartford, r 135 2145 KWS 94.9 AL Mobile, r, 100w 0216 WRCH 100.5 CT New Britain, r 0253 WCWP 88.1 NY Brookville, r, 100w 1854 WELX 92.9 AL Mobile, k\$ 1045 6/10 Ea (from West St. Paul) 1856 WKSJ 94.9 AL Mobile, k\$ 1045 1045 WRSJ 94.9 AL Mobile, k\$ 1046 1725 WMMK 92.1 FL Destin, k\$, "K-92" 1060 1727 WKYD 98.1 AL Andalusia, k\$ 1010 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1729 WGUE 93.3 LA Mobile, k\$ 1040 1729 WGUE 93.3 LA Mobile, k\$ 1045 1045 WRTZ 94.9 L Mobile, k\$ 1045 1045 WRTZ 94.9 L Mobile, k\$ 1045 1045 WRTZ 94.9 L Mobile, s\$ 1046 1045 WRTZ 94.9 L Mobile, s\$ 1047 WGUE 93.3 LA Lothan, k\$ 1040 1729 WGUE 93.3 LA Mobile, s\$ 1040 1045 WRTZ 93.1 MI Iron Mountain, k\$ 1051 WGUE 93.1 MI Iron Mountain, k\$ 1060 WRTZ 93.1 MI Iron Mountain, k\$ 1075 WING 94.1 TX Beaumont, m\$ 1080 WGUE 93.3 MI Iron Mountain, by 100 WGUE					Slaton, g	915
0136 KGOR 99.9 NE Omaha, r\$ "KGOR with Kool and the Gang" 5/19 tr (from Freehold, NJ) 0059 WSRS 96.1 MA Worcester, m 0112 WTIC 96.5 CT Hartford, r 0120 WQGN 105.5 CT Groton, r 125 2141 KASE 100.7 TX Abilene, k\$ 90.0 202 WQGN 105.5 CT Groton, r 125 2145 KWJS 0214 WRCH 98.5 MA Boston, r 0214 WRCH 98.5 MA Boston, r 0215 WRCH 100.5 CT New Britain, r 0305 WJMJ 88.9 CT Hartford, g 135 2000 KWSJ 6/10 Es (from West St. Paul) 1856 WKSJ 1856 WKSJ 1856 WKSJ 1857 WMMK 1859 94.9 AL Mobile, k\$ 1040 1052 WMMK 105.1 TX Abilene, k\$ 1040 1054 KASE 100.7 TX Austin, k\$ 1040 1054 KASE 100.7 TX Austin, k\$ 1040 1056 KEAN 105.1 TX Abilene, k\$ 1040 1057 KUJS 1058 WWS 94.9 TX Arlington, g\$ 860 1059 WRCH 100.5 CT New Britain, r 1060 KESW 1070 KUJS 1070 WKSJ 1070 WKS	<u>5/3</u> <u>ms</u>	2049	KBAT	93.3 TX	Midland, k\$	1010
		0 2056	WBLX			1045
2/19 tr (from Freehold, NJ) 2107 WQUE 93.3 LA New Orleans, r\$ 1040 2011 WTIC 96.5 CT Hartford, r 135 2134 KRPT 103.7 OK Anadarko, k mono 725	"KGOR with Kool and the Gang"	2104	KSSN			
0019 WEES 96.1 MA Worcester, m 0112 WTIC 96.5 CT Hartford, r 125 2134 KRFT 103.7 OK Anadarko, k mono 725 0155 WKKS 107.9 MA Medford, r 0202 WQGN 105.5 CT Groton, r 135 2141 KASE 100.7 TX Austin, k\$ 1040 0207 WDRC 102.9 CT Hartford, r 135 2145 KWMS 94.9 TX Arlington, g\$ 860 0214 WROH 98.5 MA Boston, r 0216 WRCH 100.5 CT New Britain, r 130 0220 WCWP 88.1 NY Brookville, r, 100w 50 6/10 Es (from West St. Paul) 1854 WBLX 92.9 AL Mobile, s\$ 1045 1725 WMMK 92.1 FL Destin, k\$, "K-92" 1060 1727 WKYD 98.1 AL Andalusia, k\$ 1010 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1729 WQUE 93.3 LA New Orleans, r\$ 1045 1740 WLQ 100.7 FL Pensacola, r\$ 1045 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1759 WLPR 96.1 AL Mobile, s\$ 1045 1759 WLPR 96.1 AL Mobile, s\$ 1045 1759 WLPR 96.1 AL Mobile, s\$ 1045 1759 WLPR 96.1 AL Mobile, m\$ 1045 1759 WLPR 96.1	5/19 tr (from Freehold, NJ)	2107	WQUE	93.3 LA	New Orleans, rf	
0112 WTIC 96.5 CT Hartford, r 175 2134 KRPT 103.7 OK Anadarko, k mono 725 0155 WKKS 107.9 MA Medford, r 220 2136 KRAN 105.1 TX Abilene, k\$ 930 0202 WQGN 105.5 CT Groton, r 135 2141 KASE 100.7 TX Austin, k\$ 1040 0207 WDRC 102.9 CT Hartford, r 135 2145 KWS 94.9 TX Arlington, g\$ 860 0214 WROR 98.5 MA Boston, r 215 2156 KZEW 97.9 TX Dallas, r\$ 860 0216 WRCH 100.5 CT New Britain, r 130 2207 KVCL 92.1 LA Winnfield, \$ 895 0253 WCWP 88.1 NY Brookville, r, 100w 50 6/20 Es	0059 WSRS 96.1 MA Worcester, m 18					
0155 WXKS 107.9 MA Medford, r 0202 WQGN 105.5 CT Groton, r 155 2141 KASE 100.7 TX Austin, k\$ 1040 0207 WDRC 102.9 CT Hartford, r 135 2145 KWJS 94.9 TX Arighton, g\$ 860 0214 WROR 98.5 MA Boston, r 215 2156 KZEW 97.9 TX Austin, k\$ 1040 0218 WRCH 100.5 CT New Britain, r 130 2207 KVCL 0219 WCWP 88.1 NY Brookville, r, 100w 50 0305 WJMJ 88.9 CT Hartford, g 135 0400 KKI 92.1 LA Winnfield, \$ 895 04.9 AL Mobile, s\$ 1045 04.7 Es 07.25 WMMK 92.1 FL Destin, k\$, "K-92" 1060 07.727 WKYD 98.1 AL Andalusia, k\$ 1010 07.727 WKYD 98.1 AL Andalusia, k\$ 1010 07.729 WQUE 93.3 LA New Orleans, r\$ 1040 07.730 WKSJ 94.9 AL Mobile, k\$ 1045 07.740 WJLQ 100.7 FL Pensacola, r\$ 1040 07.751 WFMO 99.1 MS Pascagoula, m\$ 1030 07.753 WBLX 92.9 AL Mobile, s\$ 1045 07.754 WFMY 95.5 AL Dothan, k\$ 1030 07.755 WBLX 92.9 AL Mobile, s\$ 1045 07.755 WBLX 92.9 AL Mobile, s\$ 1045 07.756 WFWY 95.5 AL Dothan, k\$ 1030 07.759 WINF 96.1 AL Mobile, m\$ 1045 07.750 WINF 97.5 AL Dothan, k\$ 1030 07.750 WINF 97.5 AL Dothan, k\$ 1045 07.750 WINF 9				103-7 OK	Anadarko, k mono	
0202 WQNN 105.5 CT Groton, r 0207 WDRC 102.9 CT Hartford, r 125 2145 KWJS 94.9 TX Austin, k\$ 1040 0214 WROR 98.5 MA Boston, r 0216 WRCH 100.5 CT New Britain, r 130 2207 KVCL 0253 WCWP 88.1 NY Brookville, r, 100w 50 6/20 Es 0305 WJMJ 88.9 CT Hartford, g 135 200 KRYS 0305 WJMJ 88.9 CT Hartford, g 135 200 KRYS 0305 WJMJ 88.9 CT Hartford, g 135 200 KRYS 0305 WJMJ 88.9 CT Hartford, g 135 200 KRYS 0305 WJMJ 88.9 CT Hartford, g 135 200 KRYS 0306 WRSJ 94.9 AL Mobile, k\$ 1045 1045 1048 WQLM 92.7 FL Punta Gorda, m\$ 1170 1052 WRSJ 04.9 AL Mobile, k\$ 1005 1057 WRSJ 052 WMMK 92.1 FL Destin, k\$, "K-92" 1060 1057 WRSJ 0729 WQUE 93.3 LA New Orleans, r\$ 1040 1059 WRSJ 0730 WKSJ 94.9 AL Mobile, k\$ 1005 1105 WRJA 88.1 SC Sumter, c\$ 755 1740 WJLQ 100.7 FL Pensacola, r\$ 1040 1059 WRJA 88.1 SC Sumter, c\$ 755 1750 WJLQ 100.7 FL Pensacola, r\$ 1040 1059 WRJA 88.1 SC Sumter, c\$ 755 1755 WBLX 92.9 AL Mobile, s\$ 1045 1045 1045 1045 1045 1045 1045 1045		0 2136	KRAN	105.1 92	Abilene bt	
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0216 WRCH 100.5 CT New Britain, r 130 2207 KVCL 92.1 LA Winnfield, \$ 895 0253 WCWP 88.1 NY Brookville, r, 100w 50 6/20 Es		5 2156	KZEV	07 0 mv	Delles of	
0253 WCWP 88.1 NY Brookville, r, 100w 50 6/20 Es 0305 WJMJ 88.9 CT Hartford, g 155 2000 KRYS 88.1 LA Lafayette, c\$ 1015 2000 KRYS 2010 KLIL 92.1 LA Moreauville, r\$ 960 1854 WELX 92.9 AL Mobile, k\$ 1045 1048 WQLM 92.7 FL Punta Gorda, m\$ 1170 6/15 Es 1052 WARK 92.1 FL Destin, k\$, "K-92" 1060 1057 WYRD 98.1 AL Andalusia, k\$ 1010 1727 WKYD 98.1 AL Andalusia, k\$ 1010 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1057 WRIA 88.1 SC Sumter, c\$ 755 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1115 WKTZ 96.1 FL Jacksonville, m\$ 945 11740 WJQ 100.7 FL Pensacola, r\$ 1040 1000 WRIA 88.1 SC Sumter, c\$ 755 WRIX 99.1 MS Pascagoula, m\$ 1030 1823 WJMK 93.1 MI Iron Mountain, k\$ 195 1755 WRIX 92.9 AL Mobile, s\$ 1045 1045 (Not m as in FM Atlas) 1759 WLPR 96.1 AL Mobile, m\$ 1045 1838 WDUX 92.7 WI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John	0216 WRCH 100.5 CT New Britain, r 13	0 2207	KVCT	7/+7 TA	Dallas, ra	
0305 WMJ 88.9 CT Hartford, g 155 2000 KRWS 88.1 LA Lafayette, c\$ 1015 6/10 Es (from West St. Paul) 1854 WBLX 92.9 AL Mobile, s\$ 1045 6/26 Es (from West Allis, WI) 1656 WKSJ 94.9 AL Mobile, k\$ 1045 1048 WQLM 92.7 FL Punta Gorda, m\$ 1170 1725 WMK 92.1 FL Destin, k\$, "K-92" 1060 1057 WRFQ 104.7 FL Tampa, r\$ 1090 1727 WKYD 98.1 AL Andalusia, k\$ 1010 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1057 WRSJ 94.9 AL Mobile, k\$ 1045 1115 WRTZ 96.1 FL Jacksonville, m\$ 945 1740 WLQ 100.7 FL Pensacola, r\$ 1040 1057 WFMO 99.1 MS Pascagoula, m\$ 1030 1753 WRLX 92.9 AL Mobile, s\$ 1045 1159 WFMO 99.1 MS Pascagoula, m\$ 1030 1759 WILY 95.5 AL Dothan, k\$ 1045 1175 WFMO 99.1 MS Hobile, s\$ 1045 1175 WFMO 99.1 MS Pascagoula, m\$ 1030 1838 WDUX 92.7 MI Waupaca, r\$ 100 1759 WILF 96.1 AL Mobile, m\$ 1045 1175 WILF 97.7				AC+T TW	winniield, \$	095
2010 KELL 92.1 LA Moreauville, r\$ 960	OZOS WIMI 88 O CM United a 17	2000	ES TOUG	00 7 74		
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1856 WSJ 94.9 AL Mobile, k\$ 1045 1048 WQLM 92.7 FL Punta Gorda, m\$ 1170 6/15 Es 1052 WMMK 92.1 FL Destin, k\$, "K-92" 1060 1057 WYK 99.5 FL St. Petersburg, 1100 1057 WYK 98.1 AL Andalusia, k\$ 1010 k\$ 1729 WQUE 93.3 LA New Orleans, r\$ 1040 1100 WRJA 88.1 SC Sumter, c\$ 755 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1115 WKTZ 96.1 FL Jacksonville, m\$ 945 11740 WJQ 100.7 FL Pensacola, r\$ 1040 6/26 tr 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1823 WTMK 93.1 MI Iron Mountain, k\$ 195 1755 WBLX 92.9 AL Mobile, s\$ 1045 1045 (Not m as in FM Atlas) 1759 WLPR 96.1 AL Mobile, m\$ 1045 1688 WDUX 92.7 WI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 (Time is CST/CDT) 1817 KQXY 94.1 TX Beaumont, m\$ 1025 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John				YZ.I LA	Moreauville, r	960
1052 WREQ 104.7 FL Tampa, r\$ 1090 1072 WXTD 98.1 AL Andalusia, k\$ 1010 1100 WRJA 88.1 SC Sumter, c\$ 755 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1115 WKTZ 96.1 FL Jacksonville, m\$ 94.5 1740 WJLQ 100.7 FL Pensacola, r\$ 1040 1000 WRJA 88.1 SC Sumter, c\$ 755 1740 WJLQ 100.7 FL Pensacola, r\$ 1040 1100 WRJA 88.1 SC Sumter, c\$ 755 1750 WRJQ 100.7 FL Pensacola, r\$ 1040 1100 WRJA 1015 WKTZ 96.1 FL Jacksonville, m\$ 94.5 1753 WRJQ 99.1 MS Pascagoula, m\$ 1030 1823 WIMK 93.1 MI Iron Mountain, k\$ 195 1755 WTVY 95.5 AL Dothan, k\$ 1030 1838 WDUX 92.7 WI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 1		219/29	E8 ()			
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1727 WKTD 98.1 AL Andalusia, k\$ 1010 1100 WRJA 88.1 SC Sumter, c\$ 755 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1115 WKTZ 96.1 FL Jacksonville, m\$ 945 1740 WJLQ 100.7 FL Pensacola, r\$ 1040 6/26 tr 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1823 WIMK 93.1 MI Iron Mountain, k\$ 195 1753 WELX 92.9 AL Mobile, s\$ 1045 1638 WDUX 92.7 MI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 1045 (Time is CST/CDT) 1817 KQXI 94.1 TX Beaumont, m\$ 1025 (Totals: West St. Paul-179; W. Allis-425) 115 west been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John	1/205 1/20V 00 1 TV 7 11 14 117 001 100	1052	MKRÓ	104.7 FL	Tampa, r\$	
1729 WQUE 93.3 LA New Orleans, r\$ 1040 1100 WRJA 88.1 SC Sumter, c\$ 755 1730 WKSJ 94.9 AL Mobile, k\$ 1045 1115 WKTZ 96.1 FL Jacksonville, m\$ 945 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1823 WMMX 93.1 MI Iron Mountain, k\$ 195 1755 WHIX 92.9 AL Mobile, m\$ 1045 10	1725 WMMK 92.1 FL Destin, k%, "K-92" 106	0 1057	MOAK	99.5 FL	St. Petersburg,	1100
1730 WKSJ 94.9 AL Mobile, k\$ 1045 1115 WKTZ 96.1 FL Jacksonville, m\$ 945 1740 WJLQ 100.7 FL Pensacola, r\$ 1040 6/26 tr 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1823 WHMK 93.1 MI Iron Mountain, k\$ 195 1753 WELX 92.9 AL Mobile, s\$ 1045 1030 1838 WDUX 92.7 WI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John						
1740 WJLQ 100.7 FL Pensacola, r\$ 1040 6/26 tr 1751 WFMO 99.1 MS Pascagoula, m\$ 1030 1823 WIMK 93.1 MI Iron Mountain, k\$ 195 1753 WELX 92.9 AL Mobile, s\$ 1045 (Not m as in FM Atlas) 1756 WTVY 95.5 AL Dothan, k\$ 1030 1838 WDUX 92.7 MI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 (Time is CST/CDT) 1817 KQXI 94.1 TX Beaumont, m\$ 1025 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John				88.1 SC	Sumter, c\$	755
1740 WILC 100.7 FL Pensacola, r\$ 1040 6/26 tr 1751 WFMC 99.1 MS Pascagoula, m\$ 1030 1823 WIMK 93.1 MI Iron Mountain, k\$ 195 1753 WBLX 92.9 AL Mobile, s\$ 1045 (Not m as in FM Atlas) 1756 WTVY 95.5 AL Dothan, k\$ 1030 1838 WDUX 92.7 WI Waupaca, r\$ 100 1759 WLPR 96.1 AL Mobile, m\$ 1045 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John				96.1 FL	Jacksonville, m\$	945
1753 WBLX 92.9 AL Mobile, s\$ 1045 (Not m as in FM Atlas) 1756 WTVY 95.5 AL Dothan, k\$ 1030 1838 WDUX 92.7 WI Waupaca, r\$ 100 1759 WIPR 96.1 AL Mobile, m\$ 1045 (Time is CST/CDT) 1817 KOXT 94.1 TX Beaumont, m\$ 1025 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John					•	
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1756 WIVY 95.5 AL Dothan, k\$ 1030 1638 WDUX 92.7 WI Waupaca, r\$ 100 1759 WIPR 96.1 AL Mobile, m\$ 1045 (Time is CST/CDT) 1817 KOXY 94.1 TX Beaumont, m\$ 1025 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John				(Not m	as in FM Atlas)	
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1817 KQXI 94.1 TX Beaumont, m\$ 1025 (Totals: West St. Paul-179; W. Allis-425) Well, it's been a long time since I've reported to this column, but there's been little to report up until this month, when DX literally exploded from the dial. June was the month in which I received my first E-skip in Minnesota. Thanks to John	1759 WLPR 96.1 AL Mobile, m\$ 104			(Ti	me is CST/CDT)	
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Cha Cha Thaire to the	was the month in which I received my first	t E-ski	p in	Minnesot	n. Thanks to John	- wild
Ebeling for the Es tips on 6/10 and 6/17.	Ebeling for the Es tips on 6/10 and 6/17.					

- Continued -

I spent the majority of May away on a business trip to Freehold, NJ, a town of 10000 in central NJ, about halfway between Philadelphia and New York City. I'm surprised that anyone in NJ can get decent DX, since the dial is so full of local and semi-local stations! The DX I have listed for Freehold occured on a night when coastal tr was in full force. On TV that night, using a simple loop antenna, I received UHF stations from Norfolk, VA to Boston, MA. There was also E-skip while I was there, but it didn't make it to FM.

I also went to visit my parents back in West Allis at the end of June and was able to add seven new stations to my West Allis log, five via Es. I would have probably had more, but I had to leave in the middle of the skip session.

I'm hoping for more E-skip like we had in June, although I probably won't be around Minnesota to see it. I'll be taking another business trip soon, this time spending four weeks in Muncie, IN, beginning in mid-July. It'll be interesting to see what east-central IN DX is like in the middle of the summer, and I'll probably stop by to visit Ralph. Until then, best of DX!

Fred McCormack - 135 Prairiewood Drive - Fargo, ND 58103

1/% Fe		16/6	Es				
1/3 Es 1830 WAEV 97.3 GA	Savannah, r 1315			03.1	TAI	M Reynosa	1435
		1830	KPTM	92.3	ΨY	El Paso, r	1165
2142 KKED 90-3 TEX	Corpus Christi, c 1315	6/2	+-	,,	**	DI TABO, I	110)
2157 KFMG 107.9 NM	Albuquerque, r 960	2136	KOCR	102-9	TΔ	Cedar Rapids,	425
	Grants, r. "K-95" 990	/-		,		r. "9-103"	
2218 KIQX 101.3 CO		6/15	Es			., 4-209	
	r. "Kicks-101"	194	Es WAPI	94.5	AT.	Birmingham,	1060
2239 KMTS 92.7 CO	Glenwood Springs, k 730	-/:		,,,,,		"95-Rock"	1000
2240 KQIX 93.1 CO			WJJM	94.3	TN	Lewisburg	945
•	r. "The Q"					Atlanta, r, "Z-93"	
5/15 tr	•	6/17	Es	,_,,			
2259 KDCR 88.5 IA	Sioux Center 265			105.5	LA	Franklin	1215
5/16 Es		2019	KBIU	103.7	LA	Lake Charles	1165
1916 KLKE 94.3 TX	Del Rio, AM-FM // 1230	2038	KZOM	104.5	TX	Orange, r	1170
1929 KRWG 90.7 NM						Orange, r, "K-106"	
	NPR, "FM-91"	2052	WNSL	100.3	MS	Laurel, "SL-100"	1125
2028 KMCR 91.5 AZ		2105	WPAP	92.5	FL	Panama City, AP, k	1295
2034 KJJJ 92.3 AZ	Glendale, 1225	2118	KUOL	101.7	AR		860
	k, "KJ-92"	2127	KRMD	101.1	LA	Shreveport	1005
2042 KTTI 95.1 AZ		2131	KXKZ	107.5	LA	Ruston, k	1015
	Alamagordo, AP 1080	2140	WQNZ	95.1	MS	Natchez, k	1095
5/28 AE		2146	KWEZ	104.1	LA	Monroe, "EZ-104"	1025
0016 CBYG 91.5 BC	Prince George, 1235	2210	WTXI	102.3	MS		930
	CBC mono	2228	MIMI	92.3	ΑL	Montgomery,	1145
6/6 Es						k, "I-92"	
1639 KITY 92.9 TX	San Antonio, r 1210					Dallas	975
1653 KMFM 96.1 TX			WKBJ	92.3	TN	Milan	865
1006	Sat. Radio Net	6/26		_			
1726 XHRE 105.5 CO		1206	WJIZ	96.3	GA	Albany	1250
1800 1000	R. Ensueno	1216	WCUP	100.3	GA	Tifton,	1275
1800 KNBT 92.1 TX	New Braunfels, k 1190	l .				"cup radio"	
and above are all	of my new FM loggings so	far t	this 3	ear.	The	sy ar e representati	ve
wish T had	ich I have caught. I wo	uld ra	ate th	ne Es a	sea	son as good. I jus	st
ward I use more ti	me to listen when condit	ions a	are go	od.			

Richard Reese - 421 Marion St. - Jersey Shore, PA 17740 Equipment: Panasonic RF-1150 & GE Superadio

han, town ID 840
umbus, 750
v. ms, "The Q"
erprise, ad
erprise, ID
neva, ID
eville, ID
1

6/7 Es 1528 WKYD 98.1 AL Andalusia, ID 6/7 Es 1830 WZLQ 98.7 MS Tupelo, "The Q"
1528 WKID 98.1 AL Andalusia, ID 1830 WZLQ 98.7 MS Tupelo, "The Q"
1530 WBAM 98.9 AL Montgomery, ads 800 1831 KFUO 99.1 MO Clayton, ID
1532 WKQI 92.7 AL Eufaula. nx 1832 WSTU 91.9 IL Carbondale. local ref.
1534 WVOC 102.9 GA Columbus, ID 750 1834 KANU 91.5 KS Lawrence, PSA's
1536 WLWI 92.3 AL Montgomery, 800 1835 KYKR 93.3 TX Port Arthur, 1235
local refs. "Kicker"
1618 KQID 93.1 LA Alexandria, "QID" 1100 1836 KSKG 99.9 KS Salina, ad 1095
1625 WSM 95.5 TN Nashville, "SM-95" 630 1837 WAFB 98.1 LA Baton Rouge, ID 1095
1628 WZEZ 92.9 TN Nashville, ID 630 1840 KOKT 95.3 LA Bayou Vista, ad
1631 WYNK 101.5 LA Baton Rouge, ID 1095 1841 KYEZ 93.7 KS Salina, ad 1095
1635 KTTZ Q6.0 TA Alexandria 1300/1940 KTDD Q6 E WY Dibell TD
"97-TIZ" 1842 KKRO 100.7 IA lowa City. local refs.
"97-TIZ" 1637 KKRD 107.3 KS Wichita, ID 1639 KJJB 105.5 LA Eunice, ID 1640 KKYK 103.7 AR Little Rock, local ref. 1642 KTEN 93.3 OK Ada, town ID 1643 KFXE 92.3 AR Pine Bluff, ID 1644 KTAL 98.1 KX Kerses City, ID 1847 KTAL 98.1 KX Kerses City, ID 1848 KFXE 92.3 AR Pine Bluff, ID
1639 KJJB 105.5 LA Eunice, ID 1845 KJCK 94.5 KS Junction City, ad
1640 KKYK 103.7 AR Little Rock. 950 1846 KOXY 94.1 TX Beaumont. town ID 1235
local ref. 1847 KIXK 106.1 TX Denton. local refs.
1642 KTEN 93.3 OK Ada, town ID 1847 KTAL 98.1 TX Texarkana, "K-98" 1080
1643 KFXE 92.3 AR Pine Bluff, ID 1851 KUDL 98.1 KS Kansas City, ID 945
1643 KROK 94.5 LA Shreveport, ads 1105 1852 KYYS 102.1 MO Kansas City, town ID
1645 KSMB 94.5 LA Lafayette, "B-94" 1135 1852 KXKY 106.5 TX Galveston, local ref.
1646 KDEL 100.9 AR Arkadelphia, wx 1853 KBEQ 104.3 MO Kansas City, 945
1648 WMC 99.7 TN Memphis, ad 820 town ID, "Q-104"
1655 KWPM 93.9 MO West Plains, ad 1854 KTYL 93.1 TX Tyler, ID
1657 KMCK 105.7 AR Siloam Springs, "K-106" 1856 KMAR 95.9 LA Winnsboro, ID
1702 KPXI 100.7 TX Mt. Pleasant, town ID 1901 KJLS 103.3 KS Hays, nx 1195 1705 KLAZ 98.5 AR Little Rock, ads 1903 KMRJ 96.9 KS Pittsburg. ID
1708 KLBQ 99.3 AR El Dorado, "Q-99" 1910 KEGL 97.1 TX Ft. Worth, ID 1235 1712 KNID 96.9 OK Enid, ad 1916 KESS 93.9 TX Ft. Worth, SS. "kess"
1712 ANID 90.9 OR EMIL, au 1910 ALSS 93.9 TA Ft. WOFTH, SS, "Kess"
1713 KSSN 95.7 AR Little Rock, ID 950 1921 KKDA 104.5 TX Dallas, 1240
1716 KFMV 107.9 AR Magnolia, local refs. town ID, "K-104"
1721 KTFX 103.3 OK Tulsa, ID 1080 1922 KVIL 103.7 TX Dallas, ID 1240
1724 KTXY 106.9 MO Jefferson City, ad 820
1724 RIXI 100.9 NO Sellerson City, ad 620 1725 KTCS 99.9 AR Ft. Smith, ID 1020
1725 KTCS 99.9 AR Ft. Smith, ID 1020 1728 KJEZ 95.5 MO Poplar Bluff, ID 780
1725 KTCS 99.9 AR Ft. Smith, ID 1020 1728 KJEZ 95.5 MO Poplar Bluff, ID 780 1729 KZLE 93.1 AR Batesville, ID
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1725 KTCS 99.9 AR Ft. Smith, ID 1020 1728 KJEZ 95.5 MO Poplar Bluff, ID 780 1730 KTTS 94.7 MO Springfield, ID 1730 KTTS 94.7 MO Springfield, ID 1735 KLUP 97.9 OK Poteau, nx 1735 KCFO 96.5 OK Tulsa, town ID 1737 KDKD 95.3 MO Clinton, local ref. 1740 KTSR 93.7 AR Fort Smith 1020 1744 KWFC 97.3 MO Springfield, ad 910 1744 KWFC 97.3 MO Springfield, ad 910 1751 KOGE 95.7 IL Effingham, town ID 1755 KAFM 92.5 TX Dallas, ID 1760 KMEZ 100.3 TX Dallas, ID 1080 1945 KUCA 91.5 AR Conway, ID 1805 KSPI 93.9 OK Tulsa, nx 1080 KMEZ 100.3 TX Dallas, nx 1080 KSPI 93.9 OK Stillwater, ad 1807 KAMO 94.3 AR Rogers, local refs. 1807 KAMO 94.3 AR Rogers, local refs. 1811 WJM1 99.7 MS Jackson, ID 1812 KXXY 96.1 OK Oklahoma City, ID 1813 KSCS 96.3 TX Ft. Worth, local ref. 1814 KCZZ 94.9 MO Kansas City, ID 1815 KRRV 100.7 LA Baton Rouge, ID 1815 KRRV 100.7 LA Baton Rouge, ID 1817 WKVI 100.7 TX Beaumont, ID 1255 125 C035 KWK 95.1 TX Harlingen, 1590 1255 125 C035 KWW 96.1 TX Harlingen, 1590 1255 125 C035 KWW 96.1 TX Harlingen, 1590 1255 125 C035 KWW 96.1 TX Harlingen, 1590 1255 C035 KWW 96.1 TX Harlingen, 1590 C00 C00 C00 C00 C00 C00 C00 C00 C00 C
1725 KTCS 99.9 AR Ft. Smith, ID 1020 1028 KTEE 95.5 MO Poplar Bluff, ID 780 1736 KTTS 94.7 MO Springfield, ID 1737 KLUP 97.9 OK Poteau, nx 1735 KCFO 98.5 OK Tulsa, town ID 1737 KDKD 97.3 MO Clinton, local ref. 1740 KTSR 95.7 AR Fort Smith 1020 1742 KTXR 101.5 MO Springfield, ads 1744 KWFC 97.3 MO Springfield, ads 910 1751 KOEC 90.7 MO Springfield, ads 910 1751 KOEC 90.7 MO Joplin, town ID 1755 KUMR 88.5 MO Rolla, ID 1755 KUMR 88.5 MO Rolla, ID 1755 KMFW 92.5 TX Dallas, ID 1240 1755 KMFW 1755
1725 KTCS 99.9 AR Ft. Smith, ID 780 1728 KJEZ 95.5 MO Poplar Bluff, ID 780 1731 KLUP 97.9 OK Poteau, nx 1731 KLUP 97.9 OK Poteau, nx 1732 WWTN 98.3 MS Carthage, town ID 1737 KDKD 95.3 MO Clinton, local ref. 1740 KTSR 93.7 AR Fort Smith 1020 1930 KSUC 1744 KWFC 97.3 MO Springfield, ad 910 1931 KCKS 95.3 KS Concordia, ID 1744 KWFC 97.3 MO Springfield, ad 910 1931 KCKS 95.3 KS Concordia, ID 1744 KWFC 97.5 MO Springfield, ad 910 1932 KWJS 94.9 TX Arlington, area refs. 1744 WCRC 95.7 IL Effingham, town ID 1755 KOFM 92.5 TX Dallas, ID 1240 1945 KUCA 91.5 AR Conway, ID 1940 KASE 100.3 TX Dallas, ad 1240 1945 KUCA 91.5 AR Conway, ID 1805 KSPI 93.9 OK Stillwater, ad 1805 KSPI 93.5 OK Tulsa, nx 1080 1945 KUCA 91.5 TX Houston, ad 1305 1805 WQST 92.5 MS Forest, ID 1080 1945 KUCA 93.3 TX Houston, "Love-94" 1811 WJMI 99.7 MS Jackson, ID 960 2017 KAMS 95.1 TX Houston, nx 1305 1811 WJMI 99.7 MS Jackson, ID 960 2017 KAMS 95.1 TX Houston, nx 1305 1814 KMBQ 93.7 LA Shreveport, ID 1815 KRRV 100.3 LA Alexandria, ID 1100 2026 KKKX 95.7 KS Ottawa, local refs. 1817 WKV 106.7 MS Vicksburg, ID 960 2035 KKIW 95.1 TX Harlingen, 1590 1819 KWLS 93.1 KS Pratt, town ID 1821 KWFF 94.1 KS Kansas City, ex-KCKN 1500 1820 KWIL 100.3 TX Houston, wx 1305
1725 KTCS 99.9 AR Ft. Smith, ID 1020 1028 KTEE 95.5 MO Poplar Bluff, ID 780 1736 KTTS 94.7 MO Springfield, ID 1737 KLUP 97.9 OK Poteau, nx 1735 KCFO 98.5 OK Tulsa, town ID 1737 KDKD 97.3 MO Clinton, local ref. 1740 KTSR 95.7 AR Fort Smith 1020 1742 KTXR 101.5 MO Springfield, ads 1744 KWFC 97.3 MO Springfield, ads 910 1751 KOEC 90.7 MO Springfield, ads 910 1751 KOEC 90.7 MO Joplin, town ID 1755 KUMR 88.5 MO Rolla, ID 1755 KUMR 88.5 MO Rolla, ID 1755 KMFW 92.5 TX Dallas, ID 1240 1755 KMFW 1755

										AUGUST 1902
c tra	T-				14	6/16	F-			Atlanta, ad, "Z-93"660 Birmingham, ad 760 Biloxi, "94-QID" 1000 MUF)
¥4,	#	07.0	- PY	Comme Christi 14	~I:	3015	110 00			
2046	NEAT .	77.7	IA	Debeter 20	201	2015	WZGC	92.9	GA	Atlanta, ad, "Z-97'660
2048	KEOR	99.9	TA	RODSTOWN, ID 14	95]4	2114	WOEZ	96.5	AL	Birmingham, ad 760
6/7		unIDs)			į.	2116	WQID	93.7	MS	Biloxi, "94-QID" 1000
1720	unID	103.1	??	"KRF"	- 10	6/17	Es	(102.9	is	MUF)
1722	unID	96.1	??	"IGM-FM," Floyd City	- 13	2036	WALY.	92.9	AT.	MUF) Mobile, "BLX" 965
1731	KARS	96.1	22	?	- 13	21.26	WCT.A	05 7	ET.	Cleament on Ward Off
1/24	TT-	105 5	22	mant Cons. VC	- 13	2170	WUNA	92.7	FL	Clearwater, "Magic-96"
1044	עדביי	107.7		ment. Caney, KS ? talk of elections	- 11	2143	KIKR	95.3	TX	Port Arthur 1235
1914	עומני	102.5	KS	7 talk of elections	14	2147	KSRR	96.5	TX	Houston, "97-Rock"1305
2020	unID	102.3	??	"KQ-102," ment. York	ટર્બા (6/20	Es	(107.5	is	MUF)
6/8	Es	(107.7	is	MUP)	- 13	2047	-2110	Ft.	Wo r	th-Dallas area skin
1133	WHIL	91.3	AL	Mobile, www. Qu	551	6/2h	Fe	(108 .		Aub)
2177	WATD	03.7	MS	Bilowi ad 100	\sim	1021	## v	07.0	TO	Total ut obustor
117/	MATE	7701 0E 0	TA	Diloki, ad 100	~	1051	VKTI	95.7	TA	houston, "Love-94" 1305
1147	MDIO	92.7	L/A	Mea Orleans, ID 10	/>]	1043	KSMB	94.5	LA	Lafayette, "K-94" 1135
1240	KIKK	95.7	TX	Houston, ad 130	D5 1	1046	KJEF	92.7	LA	Jennings, ad
1245	KLEF	94.5	TΧ	Houston, "clef" 130	25I 2	1051	KZZB	95.1	TX	Beaumont, "B-95" 1235
1250	KILT	100.3	TX	Houston, ad 130	25 1	1054	KTPP	95.5	TPY	Diboll ad
1252	KEMK	97.0	4LA	Houston ID 130	SEL 3	1056	MOAA	100.0	1.0	Diboit, au
1055	VALTO	3023	T.A.	Glass Tales Git	77]	1020	MAYI	100.7	LA	Baton Rouge, ID 1095
1622	VLO A	102.1	TX	Clear Lake City, ad	- 12	1057	WPMO	99.1	MS	Pascagoula, nx
1258	KEND	92.5	ТX	Pasadena, ID]]	1105	KRRV	100.3	LA	Alexandria, ad 1100
1300	unID	92.7	ТX	KBSY ID?	l 1	1107	KWIC	107.7	TX	Beaumont, TD 1230
1300	KASE	100.7	TX	Austin, ID 130	ד ומג	1113	WEZR	07 1	TA	New Orleans ad 1075
1312	KTYT.	93.1	ŦΥ	Tyler. ad	7	1116	KAND	7/ • #	WA.	Decedent TD
1317	KHOO	90 0	πv	Was term ID		7.7.7.4 7.7.7.4	MARL	74.7	TA	rasadena, ID
171	VIO	77•7	EA	waco, town ID [3]	ւսլյ	TT74	KODA	99.1	TΧ	Houston, "97-Rock"1305 MUF) HUF) Houston, "Love-94"1305 Lafayette, "K-94" 1135 Jennings, ad Beaumont, "B-95" 1235 Diboll, ad Baton Rouge, ID 1095 Pascagoula, nx Alexandria, ad 1100 Beaumont, ID 1230 New Orleans, ad 1075 Fasadena, ID 1305 Tyler, ID Collins, ads Hilton Head Island, ID New Orleans, ad 1075 Natchez, ID Jackson, ID 960 Laurel, ad Vicksburg, ID 960 Baton Rouge, ID 1095 Lake Jackson, ID Baton Rouge, ad 1095 Lake Charles, ad 1185 Baton Rouge, ID 1095 Clear Lake City, ID
1518	KNCT	91.3	TX	Klileen, ID	[]	1115	KNUE	101.5	ТX	Tyler, ID
1325	KVIL	103.7	ΤX	Dallas, ID 124	ю з	1118	WKNZ	101.7	MS	Collins, ads
1326	KNOK	107.5	TX	Ft. Worth, ID 123	55 1	1123	प्रमम्	106.3	SC	Hilton Weed Tolend In
1338	KISR	93.7	AR	Pt. Smith "Kisser-031	7	1124	WOTTE	07.7	TA	New Orders and 1005
1347	KOKT	ομ z	OK	Olemniane ad		1127	MAGOT	77+7	TIA	New Orleans, ad 1075
1750	KDAM	77.7	OK	OwnerRee, se	. 13	1120	WQNZ	93.5	MS	Natchez, ID
1550	ARAV	70.7	OK	Tuisa, in 100	30 J	1131	WJMI	99•7	MS	Jackson, ID 960
1356	KLAW	101.5	OK	Lawton, ad]	1132	WNSL	100.3	MS	Laurel, ad
1359	KUMR	88.5	MO	Rolla, ID	13	1134	WKYV	106.7	MS	Vicksburg, ID 960
1359	KOSU	91.7	OK	Stillwater, ID	- 15	1135	MAMA	102 5	TA	Poter Pours ID 1005
1403	KWT.S	03 1	KG	Duct+ ID	- 15	1176	WEFEE	102.7	TIM.	paron Rouge, 1D 1095
1404	N I I I I I	77.4	17.0	France ID		17.20	KGOL	107.5	TX	Lake Jackson, ID
1404	MIAA	105.7	V.S	Wichita, ID 110	נ וסכ	1137	MANK	101.5	LA	Baton Rouge, ad 1095
1406	KDCK	95•5	KS	Dodge City, "95-DCK"	[]	1137	KBIU	103.7	LA	Lake Charles, ad 1185
1411	KHUT	102.9	KS	Hutchinson, ID 113	50l 3	1138	WAFB	98-1	LA	Baton Rouge, ID 1095
1415	KOEZ	92.3	KS	Newton, ID 130	ו אמ	1140	KM.TO	102 1	ΨY	Class Take City ID
1820	KYTN	04.7	ND	Grand Fanks neer Au	~ ;	11/6	M IDG	102.1		Clear Lake City, ID
1823	VVVT	02.0	ND	Count France 3	11 ء	1177	VO DO	100.1	LA	Bastrop, ads, "KJ-100"
2027	HICKE	74.7	ND	Grand forks, ad 10	'2 1	1145	KYKZ	96.1	LA	Lake Charles, ID 1185
1024	WYY.	93.9	MN	Hibbing, ad, "Super-Q"	' 1	1148	KTDY	99.9	LA	Lafayette, ID 1135
1830	KEYA	88.5	ND	Belcourt, ID	13	1151	KJJB	105.5	LA	Eunice, town TD
1840	KQWB	98.7	MN	Moorhead, ID 106	ol i	1152	WCKW	92.3	T.A	Lanlace town ID
1845	CHIO	94.3	MR	Winnings "O_Ok" 116	. I	1156	UVTV	06.7	MC	Tarlance, COWN ID
1846	CRU	98.3	We we	Winning CDC # 330	×1;	1170	WALL	90.5	no.	Jackson, "96-XLI" 960
1848	CDW	00 E	ND ND	winnipeg, CDC 3	201	1720	WQMV	90.7	MS	Vicksburg, "Q-98" 960
1010	CHMH	97.0	WR	winnipeg, wx 116	0 1	1159	WACR	103.9	MS	Columbus, ID 825
1025	unID	93.5	MB	French	1	1200	KASO	95.3	LA	Minden, ads
6/13	Es ((104.7	is	MUF	lı	L200	WTYX	94.7	MS	Jackson ID 960
1252	unID	90.7	??	Spanish mx. Cuba?	- 15	1205	KCTD	103.1	T. A	Baton Rouge, ad 1185 Baton Rouge, ID 1095 Clear Lake City, ID Bastrop, ads, "KJ-100" Lake Charles, ID 1185 Lafayette, ID 1135 Eunice, town ID Laplace, town ID Jackson, "96-XLY" 960 Vicksburg, "Q-98" 960 Columbus, ID 825 Minden, ads Jackson, ID 960 Columbia, ID 960 Columbia, ID 960 Shreveport, ID 1105 Bay Springs, ad
1302	WOT.M	92.7	FT.	Punta Gorde ade Th	- 15	1200	KWBC	07 0	TA	COTTONICA ID
1313	HOVY	00 5	T 44	Ch Datamakuma The and	ـُ ا ـ	1209	rwpg	72.7	LA	snreveport, ID 1105
171	WIN-	フグ・フ	27	St. Petersburg, ID 100	N) 1	1210	WXIY	93.5	MS	Bay Springs, ad
エブルキ	MKBQ	104.7	ľL	Tampa, ad 98	5 1	1211	KTIZ	96.9	LA	Alexandria, town ID
1321	WCKX	99.5	FL	Clearwater, ad	1	L213	KNOE	101.9	LA	Monroe, ad 1030
1323	WYNF	94.9	FL	Tampa, "95-YNF" 98	15 1	215	KVKY	105 %	mγ	Tonomics WVV 10EU
6/14	Es f	(100.1	is	MITE)	71;	1217	VA TAT	102.0	1 A	Bay Springs, ad Alexandria, town ID Monroe, ad 1030 Longview, "KX-105" Crowley, local ref.
2125	KEDA	00.1	mv.	Dallan found out	17	LC1/	NUAN	102.9	LA	crowley, local ref.
2126	TATE!	20.1	T.A.	Dallas, fund raising	1	1218	KTYL	93.1	ТX	Tyler, ID
2221	Mina	92.5	TX	Dallas, ad 124 New Orleans, ID 107 MUF)	0 1	L220	KXKZ	107.5	LA	Ruston, town ID
2254	MOLE	93.3	LA	New Orleans, ID 107	511	L222	WBTG	106.3	ΑL	Sheffield, ID
<u>6/16</u>	Es ((107.9	is	MUF)	- I -	224	WOTAT	102 3	AT	Florence, ID, "Q-107"
1926	KZLE	93.1	AR	Batesville, ID	-15	220	#V#+	107.0	W.	TIONERION, ID, "WILD!"
1928	KISR				<u>۔</u> اہ	1227	MACL	10/09	TX	Corsicana, town ID
1038	KRAV			Ft. Smith 102	υĮ	250	WEZI			Memphis, ID 820
101-	VKYA	90.5	OK	Tulsa, ad 108	0 1	L230	KASU			Jonesboro, local ref.
1943	KITS	94•7	MO				KLVU			Dallas, ID 1240
1945	WFUZ	93.7	FL				WPCH			Atlanta, ID 660
1946	KCFM			Florissant, talk of						
		7, -1				234		94.7	IV	
1947	KWDT	06.0	ve	local power outage			KLUR	99.9	TX	Wichita Falls, ad 1280
1040	D.F. May	90.9	K.S	Pittsburg, ID	1	240	KISR			Pt. Smith 1020
1948	KKKX	95•7	KS	Ottawa, "96-X"	11	241	KKAJ	95.7	OK	Ardmore, town ID
1729	WHTM	93.9	G ▲	Moultrie, ad	h	243	KKOV	103-3	ТX	Wichita Falls, ad 1280
		-		• •••	• -					97

AUGUST 1982

|6/24 Es |1309 KATT 100.5 OK Oklahoma City 1244 KNID 96.9 OK Enid, ID 1170 1245 KTCS 99.9 AR Ft. Smith, town ID 1020 1310 KRAV 96.5 OK Tulsa, ad 1080 1247 KLPQ 94.1 AR Little Rock, town ID 1311 KICT 95.1 KS Wichita. "T-95" 1100 1255 KNED 101.3 OK McAlester, wx 1105 1314 K??? 106.9 OK Clinton?, 1259 WNIN 88.3 IN Evansville, ID. "Foxy-107," ex-KKCC? 600 s/on type info. 1323 KZED 93.5 KS Wellington, ID 1300 WXID 94.7 KY Mayfield, ID, wx 1324 KWLS 93.1 KS Pratt, ID 1300 KEBC 94.7 OK Oklahoma City, ID 1170 6/27 tr 1302 KZLE 93.1 AR Batesville, ID 1020 WDRQ 93.1 MI Detroit, ID 1305 KSHE 94.7 MO Crestwood, wx

1305 KSHE 94.7 MO Crestwood, wx (New Underlined)
A big report this time, thanks to a couple of big Es sessions. Just hope this type
of DX continues through July. 73's, Rich

Ralph Strobel - 2300 E. McGalliard Rd. - Muncie, IN 47303 Equipment: McIntosh MR-78; Channel Master \$ Probe 9 at 60 ft.

6/13 2128	WNXT	92.7	FL	Portsmouth, s/on Punta Gorda, ez\$ Key West, r\$	975	(15	KLNK sec. ort t	burst	gav	Oklahoma City, s Will Rogers '99-KLNK")	780
6/15	me KRQY	98.9	co	Pueblo, prev. Es	1040		KEXX KAWY	94.5	WY	Corpus Christi Casper, r\$ Riverton, r\$	1170 1130 1250
0304	KTMO sec.	98 .9	MO	Kennett, prev. tr		2046 2128		92.7 88.5	CO	Rawlins, k\$ Boulder, nx	1175 1090
1728 1729	KETR KSUC KBLJ	88.3	ТX	Commerce, wx Keene, nx	890	2202 6/20	KMOR	92.9	NE	Riverton, rp\$ Scottsbluff-Geri	•
1808	(WBST KMRE	92.1 95.3	IN TX	La Junta, ad Muncie, off air) Dumas, wx	1000	6/26	Es t	esting	ID	Twin Lake, in \$, WBCL off	220
1840	KIXV XET	94.1 (My	ML fi	Brady, r\$, "FM-95" Monterrey, SS ID rst Mexican)	1400	1324 1348 1359	KYTY KODY	92.9	ND	Belcourt, prev. Bismarck, ads Bismarck, k\$	me 950 900 900
1930	KUVR WBST KUNC	92.1 91.5	CO	Laramie, WY nx, wx Muncie, back on ai: Greeley, wx	1100 r) 1060	6/28 0300 (40	ms KLNK	98.9	OK	Oklahoma City	780
2000	KKHJ	99.1 93.9	CO SD	Windsor, ad Rapid City, m\$ Rapid City, ads	1050	0305	WBAM Bec.	98.9 burst	AL	Montgomery, pre- re "WBAM 99-FM") ded on tape)	tr 575
				V.Dr. on orning							

OWNER OF PIRATE WELL JAILED; BOND IS \$12,000 CASH

More than two years ago when Dave Brumfield called the DJ at WELI, the young man admitted to Dave that he had built a blue box which enabled him to bypass Bell Telephone equipment to make free long distance calls. A June 30th article in the Muncie Evening Press states that Barry Fetterhof, 19, was arrested last year for disorderly conduct. When searched, his blue box was found and turned over to the FBI. Muncie police didn't know what it was. Fetterhof admitted to me when I called him over two years ago that he had moved here from Kokomo, IN. Everything in the article makes me positive that this is the person who has been operating pirate WELI on 89.0 MEs.

Fetterhof and a 25 year old friend, Ronald Layne, were both arrested at a phone booth making their free long distance calls. Layne's cash bond is set at \$8,000. A cash bond means a person can not post bond and must come up with the full amount in cash. Fetterhof is unemployed. His cash bond is \$12,000.

The 19 year old high school dropout is termed as an electronic "genius" who has been tinkering with electricity and electronics as long as he can remember. Fetterhof says he used the blue box mostly for research.

Needless to say, WELI is now off the air. I noticed the day before the article appeared in the paper that WELI was off. The article makes no mention of pirate WELI, so I suspect Fetterhof is keeping his mouth shut in that regard.

E-skip works in mysterious ways. On June 7th when I was hearing CT RI and MA, Dave Hascall, only 40 miles SW of me in Fortville, IN was getting VT NH and ME. My June 17th skip was mainly to WY with MUF being only 94.5. Yet, Bob Zent of Huntington, IN 40 miles north of me had an MUF of 105.9. Shows how one's location is important.

HELP! Never in the history of WTFDA has a DX column come to 19 full pages of DX!

A GOOD ES SEASON SHAPES UP WHILE TROP FALTERS

While not yet distinquished by any all day super openings, this Es season has turned out to be a good one. June had Es on 19 days as reported so far. However, some may feel that number doesn't reflect that the season has been long on quantity and short on quality since many of the openings were brief with low MUF, but overall not a bad season.

Trop activity has wound down considerably since the first 11 days of June when maximum distances logged ranged up to around 800 miles. With so much rainy weather around, it was supprising the trop did not reach out any better, or continue to build.

PREFERRED ABBREVIATIONS:

Es - sporadic E-skip TD - identification Tr-tropospheric bending (call letters) QRM-interference MS - meteor scatter EE - English QSL-verification FF - French LS-lightning scatter xltr - translator AS-aircraft scatter L - Spanish, also SS xmtr - transmitter Au-auroral reception cx - conditions

cx - conditions Au-autofal lete
mx - music GW-groundwave(1
nx - news \$ - stereo
s/off-sign off

AS-aircraft scatter
Au-auroral reception
GW-groundwave(local)
\$ - stereo
s/off-sign off

CCI-co-channel interference | r-rock
MUF-maximum usable frequency | s-soul
QRM-interference
QSL-verification
xltr - translator
xmtr - transmitter
t-tentative or talk
psa-public service
announcement | r-rock
s-soul
k-country
c-classical
g-gospel
j-jazz
m-middle of road
p-album oriented
rock(progressive)

FORMATS:

Tim McVey, Rt. 3, Box 568, Bolivar, TN 38008 - June 1 to June 22 EDT

Back home for the summer and there's been E-skip every day I've been here. FM DX is fantastic even with the Arkansas mess to my west. Tuner is a JVC model JT-V22 with a Fince FM-5 antenna and C. M. rotor.

6/7 Es 1515 out on I-40 E. of Jackson, TN, lots of Es commotion on my JIL in-dash 1525 WOKQ 97.5 NH Portsmouth, k 1531 WMGX 93.1 ME Portland, mr, "Magic" 1540 unID 93.7 French talk, mono 1545 WSOX 94.9 MA West Yarmouth, QRM from WHOM 1600 WSYR 94.5 NY Syracuse, ar\$, ID 1800 CFOR 92.5 PQ Montreal, Eme\$, ID 1802 CBV-6 92.9 PQ La Malbaie, tentative ID "Radio Canada" 1805 CKMF 94.3 PQ Montreal, ar\$ 1810 unIDs in French on 88.1, 89.1, 93.3, 93.9. 95.1. 95.3 1815 CHAY 93.1 ON Barrie, em\$

6/7 tr
2150 Knoxville(good grief!), Atlanta, and
AL in strong
2200 WDEN 105.3 GA Macon, k, ID
2202 WSSL 100.5 SC Laurens-Greenville, k, ID
"whistle-100" (state ##1)
2208 WPAP 92.5 FL Panama City, k
2215 WREZ 103.3 AL Montgomery, e, ID
2220 WRES 105.7 AL Troy, k,promos

6/14 Es
1100 TV channels 2,3,4,6 are wild with
Miami and Cuba...
1125 unID! 92.1 this is a weak, mono
station coming from SSE(NOT Mexico)in SS
with lots of talk. Mentions "Puerto Haiti"
but not enough info to use Ondas FN.

2010 until 2030 TV and FM from Winnipeg, MB (1085 mi.) but no ID's or calls heard. All

are new loggings: CITI 92.1 pr, CHIQ 94.3 rm, CHMM 97.5 mk, CBW 98.3 talk. 2017 unID 92.7 rock\$, maybe the new Brandon, MB station.

6/16 Es 1010 KILO 93.9 CO Colorado Springs, ar. "kilo" 1015 KRDO 95.1 CO C. S., e, ID(first station I ever heard by Es) 1020 KSPZ 92.9 CO C. S., r "Z-93" 1022 KBLJ 92.1 CO La Junta, k 1025 KZLO 100.7 CO Pueblo. m 1030 KCME 88.1 CO Manitou Springs. c 1031 KCFR 90.1 CO Denver, c 1845 unID English r\$ from Nexico. "Estereo Armistad" 1900 XHNY 93.5 GTO Irapuato, L ID 1903 XHNH 95.1 GTO Irapuato, "stereo 95" 1906 till 1930 brought in Guadalajara, JAL very strong. Here is a list of what I heard in frequency order. E means music is English: XETIA 97.9 L\$ XHOY 90.7 L XHRC 98.7 Er\$ "\$-99" XHJL 91.5 e\$ "\$ Mundo XHAV 100.3 \$, news XHSC 93.9 m\$ XHDK 94.7 \$ "\$ Reguerdo" XEAD 101.9 m\$ XHRO 95.5 em\$

1920-2030 This is by best opening ever into Mexico. Every Mexico City FM was in except 96.9, 104.1 and 105.7. I shall list these in frequency order to reduce clutter:

88.1 XHRFM,eE\$ "Radio VIP" 88.9 XHM,ET\$ 89.7 XEBS,e\$ 90.5 XEDA,L

SOUTHERN FM DX

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SOUTHERN FM DX
                                           McVey, cont.
                                                                                     AUGUST 1982
\frac{6/16}{91.3} Es, cont.
                                                 6/20 Es
                                                 1804 KRQQ 93.7 AZ Tucson, ar "KRQ"
92.1 XHFO.L
                                                 1806 KCTB 93.9 AZ Flagstaff, m
1810 KOOL 94.5 AZ Phoenix, mr
92.9 XEQ, r
93.7 XEJF, m$ "Radio Hoya"
                                                 1812 kJJJ 92.3 AZ Glendale, k
95.3 XHSH, Em$
                                                 1815 KQYT 95.5 AZ Phoenix, e
96.1 XEUN, c$
                                                 6/22 Es
0852 KSET 94.7 TX El Paso, r
97.7 XERC, Er$ "Radio Hits"
98.5 XELA, c$ "Stereo Classique"
                                                 0853 KPAS 93.9 TX "
99.3 XHFOF, m$ "Musica Felis 99"
                                                 0854 KLAQ 95.5 TX "
100.1 XHPM, r$
100.9 XHSON, Em$
101.7 XEX, L$
                                                      KHEY 96.3 TX "
                                                                            , k
                                                     KINT 97.5 TX "
                                                                            , ar
                                                 0857 KTEP 88.5 TX "
                                                                            , с
102.5 XHV,L$
                                                 0858 KFIM 92.3 TX "
                                                                            , mr
103.3 XERPM, Er$
                                                 0859 KRWG 90.7 NM Las Cruces, "FM-91"
104.9 XHBST, me$ "Globo Estereo"
106.5 XHDFM, m$
107.3 XEQR, Er$ "Radio Universal"
                                                And that wraps it up for this time. Logs now stand at 943 with 41 states, 7 Mexican
                                                 states(JAL, GTO, DF, NL, PUE, SLP, VER), 5
1930 XH--- 93.1 JAL Gradalajara, m$ ID
                                                 provinces(PQ, CN, NB, AB, MB), and Jamaica.
 "Radio Armistad" NEW on air
                                                 Thanks to all who have helped me with unID's
<u>6/17</u> Es
                                                 and mistakes, especially Mr. O'Connor who
1853 KIAJ 92.7 WY Rawlins. k
                                                 corrected several incorrect New England logs.
                                                 Often I log a station when non-ID's, ads, and
                                                 geographic separation locate it. Therefore,
1155 XET 94.1 NL Monterrey, m$, ID
                                                 calls may be outdated on some. I do not count
1157 XHNL 94.9 NL Monterrey, m$
                                                 call changes as a new station, as per club
                                                policy. Sorry about not measuring the
6/20
1800 KFLG 92.9 AZ Flagstaff, r
                                                distances this time. And now, I close with
                                                a big 73.
1801 KDKB 93.3 AZ Mesa, r
```

Jim Pizzi, F. O. Box 1778, Lovington, N	м ⁸ 8	8260 - 5/21 to 6/18 MDT - 805 396-3432	
Equipt: Antennacrait 10 ele. horz.@50'	and	.vert. @25'. JVC VT-700/JVC-VT-900. Akai AT-V	04.
5/21 tr		<u>6/5</u> tr	
0119 KIXS 93.3 TX Killeen, ID	353	0844 KMEZ 100.3 TX Dallas, ID 3	868
0128 KOXE 101.5 TX Brownwood	265	Es	
0129 KHOO 99.9 TX Waco	368	0851 WSGF 95.5 GA Savannah, ID 95-SGFM 13	80 5
5/27 tr		0856 <u>WDAX</u> 95.3 GA McRae, ads 11	.97
0247 KPLE 104.9 TX Temple	368		90
5/30 tr		0907 WCEH 103.9 GA Hawkinsville, ads 11	.66
0936 KVLY 107.9 TX Edinburg, ID	554	tr	
KVAR 104.5 TX San Antonio, SS	380		02
KFLZ 107.1 TX Bishop, SS	500		
KMJQ 102.1 TX Clear Lake City	534		87
"Magic 102"		calls + "FM-103", k	
kNCN 101.3 TX Sinton, "the C" C101	485		
kISS 99.5 TX San Antonio, r		0914 KQTZ 105.9 OK Hobart, ID KQ-106 2	72
KKED 90.3 TX Corpus Christi	505		
KUMF 88.7 TX Houston, tent		Es 4	166
KOXX 98.5 TX McAllen, SS	555	0909 WCLA 107.1 GA Claxton, ads 12	56
<u>6/1</u> Es		0922 WCGQ 107.3 GA Columbus, ID "107-Q" 10	67
0909 WUAL 91.5 AL Tuscaloosa	918		05
WBHM 90.3 AL Birmingham	959	tr	
(10.	l		10
6/3 tr		Es	
	380		48
6/4 tr	l	"EZ-108"ID @0933	
2300 kVLY 107.9 TX Edinburg	, [tr	
2303 KBFM 104.1 TX Edinburg	554		99
2310 KDUV 100.3 TX Brownsville, ID@2328	576		82
"k-Dove + calls	- 1	Es	
2314 KRIX 99.5 TX Brownsville, ID@2332		0938 WFNE 100.1 GA Forsyth, g, ID 11	
"FM-99" + calls		0942 WPEH 92.1 GA Louisville, ID, ads 12	15
2335 KQXX 98.5 TX McAllen	555		
(1		0944 KAFM 92.5 TX Dallas, ID 3	88
6/5 Es	1		68
	170		
	1305		123
0842 WQIM 95.3 AL Prattville, ads, ID	985l		24
30	COI	ii U a	

con	nt.	31
2354 KVVP 105.5 LA Leesville, ID 605	0840 WJCT 89.9 FL Jacksonville, promos	1300
2338 <u>KVMX</u> 96.7 TX Eastland, ID 262 2348 <u>KAYD</u> 97.5 TX Beaumont, ID 574	0836 WPCV 97.5 FL Winter Haven, ID	1350
2334 unID 105.5 east TX "Kicks-105", k 2338 KVMX 96.7 TX Eastland. ID 262	0823 WCVV 95.5 FL Ft. Pierce, "FM-96", ID	1449
2332 unID 105.7 east KHCB? SS ID@2354	0815 WWBA 107.3 FL St. Fetersburg, ID 0820 WJYO 107.7 FL Orlando, "Joy 108", ID	1359
2320 WJMI 99.7 MS Jackson, ID, "JMI" 772	6/18 Es	1300
"kiss-98"	(/40 m	
2318 KHYS 98.5 TX Fort Arthur, 574	Plus many unid's during opening	
2302 KKDA 104.5 TX Dallas, "L-104" 368	1955 <u>kQRS</u> 92.5 MN Golden Valley, ID, r	968
2259 KGOL 107.3 TX Lake Jackson, ID 539	ads, "Copper Country"	
2252 KNOK 107.5 TX Ft. Worth, ID 368	1948 WHUH 97.7 MI Houghton, "Stereo 98",	
2230 <u>KWIC</u> 107.7 TX Beaumont, "Quick FM" ID @2259 (hasn't moved to 107.9 yet) 574	1929 WNBI 98.3 WI Park Falls, ID	1103
	1859 CBSM 89.5 ON Sault Ste. Marie, wx	1350
2157 <u>KYND</u> 92.5 TX Pasadena, ID 520 2229 KIOC 106.1 TX Crange. "K-106" 595	1845 WYUR 95.9 WI Ripon, ads, ID 1850 WMKC 102.9 MI St. Ignace, ID, k	1067
tr	1842 WKKB 92.1 WI Manitowoc, ID	1121
766-9797	1840 WDOR 93.9 WI Sturgeon Bay, ads	1166
2135 unID 96.9 west "97-rock" kROY??	1837 WXRO 95.3 WI Beaver Dam, k ID 21839	
2126 KSFM 102.5 CA Woodland, ID,FM102 1089	1836 WAHC 96.7 WI Oshkosh, "C-97", ads	1080
2124 KROY 96.9 CA Sacramento, ID @2124	1828 WIMI 99.7 MI Ironwood, ID	1143
2121 KZAP 98.5 CA Sacramento, 1D 1071 sounded like "KUAP"	1826 WQTC 102.3 WI Two Rivers, ads	1139
"KO-95" 2121 KZAP 98.5 CA Sacramento, ID 1071	1818 <u>kYRQ</u> 92.1 MN Little Falls, ads 1823 <u>kWNG</u> 105.5 MN Red Wing, "K-Wing"	999 968
2117 KOSO 93.1 CA Patterson, ads 1035	@1827 - 1818 kVRO - 92 1 MW T.1++le Felle - ade	990 990
Es 1025	1816 WEVR 106.3 WI River Falls, ad+calls	200
2101 KKED 90.3 TX Corpus Christi, ID (tr)	German oom pah pah mx	
2037 KIZN 93.1 ?west calls + "93-FM", k		936
1817 92.1 "Heflin, AL"	"krw <mark>o/kq</mark> de"	
1807 WERH 92.1 AL Hamilton 887	1800 kQDE 92.1 MN Waseca, ads, k	916
1803 WLRH 89.3 AL Huntsville, ID 968		1049
1759 WSB 98.5 GA Atlanta, ID 1098		1157
1750 WDAW 102.1 AL Decatur 1758 WJOI? 97.1 MI Detroit, pol. ads 1260	6/17 Es	
1748 WORM 103.5 MS New Albany, FY-103 833 1750 WDRM 102.1 AL Decatur 945	(note on 7),00 on Arai	
	(note on 93.00 on Akai	1070
1743 WLTA 99.7 GA Atlanta, ID 1098 1745 WOXE 100.1 MS Greneda."B-100" 789	· · · · · · · · · · · · · · · · · · ·	1125 1098
1739 WNDA 95.1 AL Huntsville, ID 968		1215
1731 WJMT 93.5 WI Merrill, ID 1094		1215
1730 KLWD 96.5 WY Sheridan, wx,Cloud-96		1125
Studio. 977		1310
Park St. "Madison, WI." ment. "Philo Buck		1260
1730 WHHI 91.3 WI Highland, University &	<u>6/16</u> Es	
1724 WNBK 93.5 WI New London, wx 1095		
1715 KZLS 97.1 MT Billings, ID 900 1720 unID 96.3 ? "Lebanon Cable TN"		1480
1704 11521		1292
1/04 1000	1745 WNFQ 94.3 FL Lake City, "94-Q", ads	
1703 WASL 100.1 TN Dyersburg, nx 824		1364
1700 WDNS 98.3 KY Bowling Green, ID 990		1071 968
1659 WLSK 100.9 KY Lebanon, ID 1058	ads, k\$	1071
1652 CHMM 97.5 MB Winnipeg, ads		1300
1650 WAKQ 101.1 KY Russellville, kQ-101 963	1726 CKO2 99.7 ON Tent,	4000
1643 WKOA 100.3 KY Hopkinsville, ID 932		1125
1639 KSTG 97.7 MO Sikeston, ID 819		1413
1638 WUME 95.3 IN Paoli, ID 1013		1260
1629 WAIN 93.5 KY Columbia, ID 1049 1634 WXID 94.7 KY Mayfield, r,d-94 860	6/15 Es	
102) #1121	0007 KAYD 97.5 TX Beaumont, ID	214
1019 1020	0007 KAYD 97 5 TY Beaumont ID	574
1618 WGTC 92.3 IN Bloomington, ID, psa, K	6/0 +	
1617 WENS 97.1 IN Shelbyville, 101627 1058	2354 KIOC 96.1 TX Beaumont, ID	574
1614 WEZK 97.5 TN Knoxville, 1D, m 1125	ID @2359	
1608 KFIL 103.1 MN Preston, wx 954	2350 KHOM 104.1 LA Houma, k mx radio net	794
4606 WYCO 102.9 TN Shelbyville, ads 977	2348 KAJN 102.9 LA Crowley, ID, g	679
1602 WDDD 107.3 IL Marion, ads, promos 869	0014 kJAE 92.7 LA Leesville, ads, k?	605
6/6 Es 1602 WSTO 96.1 KY Owensboro, ID, r 968	"Zoom 104 1/2"	272
6/5 1126 KXRX? 96.7 ? "97-FM" Not KXOX??	0005 KJEF 92.7 LA Jennings, ID, k 0013 KZOM 104.5 TX Orange, calls +	664 595
6/5 ?	6/7 tr	6611
	//n .	

Pizzi. cont.

Well, I got the JVC VT-900 back from repair, and just in time, too. Es of 6-5 and 6-6 were very intense(6-6 Es to ch. 7). Trops on 6-6 and 6-7 excellent with most signals reaching full quieting. Need help on KIZN. June Es has been great, so far, with 128 new and 12 days til the end of the month. On 6-18 I had to go to the office (I was an hour late already) and missed some I'm sure. WQIK and WPAP were heard in the car on the way to work. Trops has slacked off with nothing interesting to report. 6-15 CFFL 95.9 Logging was a surprise as opening seemed to be from the east-my first Ont. station on FM. Until next report, best of DX to all. Jim.

Charles George, 6407 Howard, Dallas, TX 75227 On June 9 at 12:25 am, I managed to get KKED 90.3, Corpus Christi, TX.(A lot of people have been getting that station. DB) They had a program, Nightlife Jazz. At 1:55 until 2:30 am, I was able to receive these stations from Mobile, AL: WABB 97.5 "Gulf's Best Rock", WBLX 92.9 soul/disco, WKRG 99.9(with contest/IDs between almost every song) It was enjoyable hearing these stations with their hyper presentations as compared with the laid back style of the announcers on the DFW area stations, brought back listening to AMs: KBOX, KLIF, KFDZ, KXOL when they were rockers. 2:30 am, I got WLIN 97.5(background music) of Jackson, MS. From 2:50 am until conditions faded, I received: KHOM 104.1, Houma, LA (AP country network), WBYU 95.7 (background music), WQUE 93.3(RKO pop music network), New Orleans.

KERA. Dallas had a fire at their transmitter and was off the air for several days during the week of June 6th. Several of my non-DXing friends even came up with some DXing when tuning to missing KERA. Best of 73's.

Dist. C. C. A. Holi C. V. V. C.	
Rick Samford, 404 S. McNeill, Burnet, TX	78611 - CST/CDT
1/19 all tr	6/9 tr
2324 KLPQ 94.1 AR Little Rock, wx, Q-94	0637 WKYD 98.1 AL Andalusia, ad
3/25	0639 WOKK 97.1 MS Meridian, k, 97-0KK
0859 KKED 90.3 TX Corpus Christi, c	0645 WSJC 107.5 MS Magee
6/6	
0857 kRUX 102.5 TX Lubbock, k, k-102	0655 WBAM 98.9 AL Montgomery, contest,
0000 WIGH 102.5 TA BUDDOCK, K, K-102	99-FM nx
0900 KLSR 105.3 TX Memphis, k, TX #225	0843 WZZK 104.7 AL Birmingham
6/8	0847 WLWI 92.3 AL Montgomery, k
0732 WAJY 101.9 LA New Orleans, Joy-102,	0850 WXLY 96.3 MS Jackson, k
wx, ID	0854 WUWF 88.1 FL Pensacola, c
0850 WRNO 99.5 LA New Orleans, rp	0901 WAPE 94.5 AL Birmingham, rp
0859 WBHM 90.3 AL Birmingham, c, same	0902 WAQT 94.1 AL Carrollton, k, Q-94
annr. as when first logged on 4/2/78.	0010 VIVO 06 0 AT THE
	0919 WLHQ 96.9 AL Enterprise, Q-97, ads
0900 WZZK 104.7 AL Birmingham, k, nx	0957 WQEZ 96.5 AL Birmingham
0957 WWOZ 90.7 LA New Orleans, j	1000 WENN 107.7 AL Birmingham, National Black
6/9	Network nx, ID
0634 WRPM 107.9 MS Poplarville, s/on	1001 WPCS 89.3 FL Pensacola
0635 WKMX 106.7 AL Enterprise, KMX	1
Very few attemnts at serious Dying have	been made since my last report, so the results
Sheak for themselves However I did manage	to the space a little soo associate, so the results

speak for themselves. However, I did manage to snag a little 500-750 mi. trop on June 8 and 9.

George Rogers, 320 Lafayette Rd., Chickamauga, GA On June 8th I got a letter from you that said I did my DX logging wrong. Well, after reading that letter I decided to do a lot of things to improve my logkeeping. I have decided not to put any mileage figures in my reports. I am taping my FM DX at all times. I am limiting my stations logged per minute to one, and I am basing my DX on the area where the E-skip or tropo is coming from. These four things will help me change my ways of FM DXing. Equipment: GE Superadio. All times EDT.

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5/25 tr
0757 WCKQ 103.9 KY Campbellsville, loc. ad
0910 WKPT 98.5 TN Kingsport, m
1020 WAMZ 97.5 KY Louisville, loc. ad
1040 WMAZ 99.1 GA Macon, local ad
6/2 \text{ tr}
0855 WDEN 105.3 CA Macon. loc. ad
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0856 WPEZ 107.9 GA Macon, local ad, EZ-108
0900 WTNJ 105.9 WV Mount Hope,k
0910 WVOC 102.9 GA Columbus, k
0938 WFNE 100.1 GA Forsyth, g
0948 WKEU 97.7 GA Griffin, m
1002 WGRG 103.9 GA Greensboro, nx, cont.....
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6/2 tr
1010 WETS 89.5 TN Johnson City, c
1014 WELR 95.3 AL Ronanoke, k
1040 WAFB 98.1 LA Baton Rouge, ad
Tie.
1940 WWWL 93.9 FL Miami Beach, r
6/6 tr
2020 WMC 99.7 TN Memphis, ad, FM-100
three others from Memphis
2025 WOKK 97.1 MS Meridian, loc. ad
97-okk
2105 WUAL 91.5 AL Tuscaloosa, j
2110 WZXR 102.7 TN Memphis, pr, Rock 103
6/7 tr (A huge day!)
0836 WSJC 107.5 MS Magee, k

SOUTHERN FM DX

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0838 WXBM 102.7 FL Milton, k
0856 WABB 97.5 AL Mobile, wx
0857 WEZB 97.1 LA New Orleans, nx, B-97
0858 WTYX 94.7 MS Jackson, wx, 94-Ticks
0900 WSTG 106.3 AL Sheffield, g
0908 WKSJ 94.9 AL Mobile, sports nx
0909 WKRG 99.9 AL Mobile, p, G-100
0912 WAJY 101.9 LA New Orleans, m, Joy-102
0919 WAFB 98.1 LA Baton Rouge, loc. ads
0920 WJDQ 101.3 MS Meridian, ad, Q-101
0930 WOGQ 107.3 GA Columbus, p, 107-Q
1017 WQXY 100.7 LA Baton Rouge, m
1019 WMC 99.7 TN Nemphis, p, FM-100
1022 WTVY 95.5 AL Dothan, k
1029 WPMO 99.1 MS Pasagoula, m
1030 WBIP 99.3 MS Booneville, wx.o/WQMT
1035 WZLO 98.5 MS Tupelo, loc. ad, 2-99
1040 WKRA 92.7 MS Holly Springs, loc. ad
1044 WKZB 95.3 MS Drew, p
1156 WHHY 101.9 AL Montgomery, loc. ad, Y-102
1335 WPAP 92.5 FL Panama City, ad
1400 WOFM 94.9 TN Creenville, ID
Es (What a opening!)
1510 WKGL 92.7 NY Middletown, k
1511 WKYT 92.7 VT Brattleboro, ID
1513 WSRS 96.1 MA Worchester, ad
1514 WVOS 95.9 NY Liberty, loc. ad
1515 WWYZ 92.5 CT Waterbury, loc. ad
1516 WFAR 88.5 CT Danbury, r. 118 w.
1517 WHRB 95.3 MA Cambridge, talk
1520 WCGY 93.7 MA Lawrence, loc. ad
1521 WBOS 92.9 MA Brookline, r
1522 WCWL 91.3 MA Stockbridge, gr
1523 WRUT 97.1 VT Rutland, ads, $-97
1525 WAXA 98.9 ME Brunswick, k
1526 WGAN 102.9 ME Portland, m
1529 WABK 104.8 ME Gardiner, loc. ad
1530 WOXO 92.7 ME Norway, loc. ad
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1531 WGTF 93.5 MA Nantucket, p 1532 WYUT 92.7 NY Herkimer, big band 1559 WPBC 92.9 ME Bangor, nx 1604 WHCF 88.5 ME Bangor, g 1605 WMEA 90.1 ME Portland, c, MPBN 1606 WMEH 90.9 ME Bangor, c, MPBN 1607 WDEA 95.7 ME Ellsworth, wx 1608 WCBFM 91.3 NB Fredrickton, nx 1619 WHWB 98.1 VT Rutland, wx, K-98 1622 WTMS 96.1 ME Presque Isle, ad 1625 WJBQ 97.9 ME Portland, ID, 98-J 1627 WHFM 98.9 NY Rochester, p

1628 WIGY 105.9 ME Bath, r, Y-106 1629 WPOR 101.9 ME Portland, k

1632 CBMU 95.5 PQ Harrington Har, c 1639 WFLR 95.9 NY Dundee, local ad

rs	AUGUST 1982
	6/2 Es
ì	1640 MIVE 96 1 NY Buffalo, ID. Joy
l	1641 WGRQ 96.9 NY Buffalo, r, 97-rock 1642 CFMP 101.5 ON Peterborough, ad 1643 WMHR 102.9 NY Syracuse, g
ì	1642 CFMP 101.5 ON Peterborough, ad
ļ	1643 WMHR 102.9 NY Syracuse, g
ı	
١	1646 CBF10 101.1 PQ Sherbrooke, FF
l	1646 CBF10 101.1 PQ Sherbrooke, FF 1647 WVPR 89.5 VT Windsor, c 1649 CJBX 92.7 ON London, k, BX-92
1	1649 CJBX 92.7 ON London, k, BX-92
ļ	1655 CRAT 101.9 ON North Bay, R, C-Cat
ı	1656 CKO2 99.1 ON Toronto, nx
۱	1657 CKFM 99.9 ON Toronto, mr
1	1659 CAOT 101.3 ON Tillonsburg, m, \$-101
۱	1212 CBCS 99.9 ON Sudbury, c
1	1715 WBEN 102.5 NY Buffalo, p, rock-102
ı	1720 CILQ 107.1 ON Toronto, p, Q-107
Ì	1733 WNCQ 97.5 NY Watertown, Alex Bay ad
ł	1734 WIGS 95.3 NY Gouverneur, local nx
I	1736 CIGN 92.7 ON Sudbury, k
1	1738 CECP 93.5 ON Fetersborough, CEC sports
	1740 CFPL 95.9 ON London, traffic nx
1	1730 GIEW 107.1 ON Toronto, p, w-1731 NNCQ 97.5 NY Watertown, Alex Bay ad 1734 WIGS 95.3 NY Gouverneur, local nx 1736 GIGH 92.7 ON Sudbury, k 1738 GECP 93.5 ON Fetersborough, CBC sports 1740 GFTL 95.9 ON London, traffic nx 1741 GJFM 95.9 PQ Montreal, ads. FM-96
ı	1743 CHAI 95.1 ON Ballie, aus, 4-75
	1800 CBON17 95.1 ON North Bay, FF nx
	1806 CBCN 96.1 ON North Bay, CBC nat. nx
	1811 CBC052 96.7 ON Pembroke, CBC nat. nx
	1814 <u>CFMK</u> 96.3 CN kingston,k 1822 <u>CIMF</u> 94.9 FQ Hull, FF ad
	1835 CFNQ 93.9 ON Ottawa, ads
	1849 CJMF 93.3 PQ Puebec City, FF ad
	1900 CEJ3 93.1 PQ Dolbeau, ID
	1920 CBON22 93.7 ON Geraldton, FF mr
	I topp druy Oh 7 MR Richar Branch, CBC DX
	1934 WML 93.9 FL Miami Beach, mr, Love-94 1947 CBJ7 92.7 PQ Cap Aux Meules, FF talk 2000 WKKQ 93.9 EN Hibbing, k, The q 2003 WSCD 92.9 MN Duluth, wx
	10h2 CB17 92.7 FO Cap Aux Meules. FF talk
12	2000 WKKO 93.9 MN Hibbing, k. The 9
12	2003 WSCD 92.9 MN Duluth. wx
	2016 KKHJ 93.9 SD Rapid City, local ad
	tr
	2104 WCFC 93.9 MS Houston, UPI nx
	(/0.5
	6/8 Es
	1203 MZZR 95.7 MI Grand Rapids, p
	tr
	1/12 TVYO Q3.0 NN Withhing .k
	1218 NVMR 89.1 VA Roanoke, nx 1412 NKKQ 93.9 NN Hibbing ,k 1415 EWLS 93.1 KS Fratt, local ad
	6/9 tr
	0920 WGOS 97.9 SC Columbia, k. great-98

	<u>6/8</u> ::	3.			
	1203	#ZZR	95.7	ΜI	Grand Rapids, p
	tr				
	1218				Roanoke, nx
	1412	JKKQ	93.9	MM	Hibbing ,k
	1415	LWLS	93.1	KS	Fratt, local ad
	6/9 t	r			
	0920	WCOS	97.9	SC	Columbia, k, great-98
	0922	WBFM	98.1	SC	Seneca, g
	0925	WWDM	101.3	SC	Sumter, s
	0926				Washington, mr
ĺ	0938	WEPR	90.1	SC	Greenville, SCPRN, ID
	1005	VLTR	91.3	SC	Columbia,c
	6/10		_		

1820 WDAY 93.7 ND Fargo,m

1847	Kenn	94.1 30	Aberdeen, m, v-y-
1848	LYTN.	94.7 ND	Grand Fords, P
1850	KQAA	94.9 SD	Aberdeen, ads
1858	LKRL		Carroll, wx
1919	KELO		Sioux Falls, m
1932	KIDA	92.7 IA	Ida Grove, AEC rx
1935	KCFX	92.7 SD	Peiree, ads (?? recheck, Dr
1944	KWYR	93.7 SD	Winner, local ad
6/11	tr		
0225		99.7 TN	Memphis, nx

0735 WHOP 98.7 kY Hopkinsville, nx 0740 KSSN 95.7 AR Little Rock, k 0915 KLAZ 98.5 AR Little Rock, p 0932 WCPC 93.3 MS Houston, farm nx, cont..

SOUTHERN FM DX

AUGUST 1982

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Rogers, input.
                                                 5/40 Es
250 KkRC 93.5 SD Sioux Falls, p
26/5 KkRL 93.7 IA Carroll,pr
26/1 KDLO 96.9 SD Watertown, area ad
 6/11 tr. cont.
 0935 WXRG 94.9 TK Livingston, nx
 0938 KYAY 103.7 AR Little Rock, p
 1002 WJBB 92.7 AL Haleyville, nx
 1013 WDMB 103.9 TN Jamestown, g
                                                  21 2 KBCM 95.5 IA Sioux City, area ads
 1130 KNAC 99.1 AR Fort Smith, nx
2130 WRIR 104.1 TN Jackson, k
                                                  21 5 KSEZ 97.9 IA Sioux City, ABC nx
                                                  21-7 KMOR 92.9 NE Scottsbluff, ad, FM-93
6/14 Es
1330 XHGL 97.7 YU Merida, ad, Sl
                                                  24.8 KNEB 94.1 NE Scottsbluff, k, FM-94
                                                  2.1(1 kQSK 97.5 NE Chadron, p. Q-98
 1335 XHNT 98.5 YU Merida, ads, Sl
                                                 2 3 kYEZ 93.7 kS Salina, NBC nx, kY-94
2 45 KFNF 101.1 KS Oberlin, AP nx
2 7 kYGO 98.5 CO Denver, movie ad
 1345 XHAV 100.3 Jal Guadalajara, Sl
 6/15 Es
                                                 2919 KYNR 99.9 CO Pueblo, local ada
 1715 KSDN 94.1 SD Aberdeen, wx
 1718 KYYY 92.9 ND Bismarck, p. Y93
                                                  2.013 kRDO 95.1 CO Colorado Springs, m
 1720 KQDY 94.5 ND Bismarck, wx, KQ94
                                                 2:45 kILO 93.9 CO Colorado Springs, p
 1723 kMGK 93.3 IA Des Moines, nx
                                                 229 KLMR 93.3 CO Lamar, local ad
                                                 2.70 KCCY 97.9 CO Pueblo, local ad 6.541 MS 1.745 WFLS 93.3 VA Fredricksburg, ID 6.142 Es 00 5 KSJT 97.5 TX San Angelo, S1
 1725 KQAA 94.9 SD Aberdeen, ad, KQ95
 1728 KELO 92.5 SD Sioux Falls, m
 1730 KARC 93.5 SD Sioux Falls, ad
 1737 NWOA 95.1 MN Worthington, ad
 1740 kkLO 96.9 SD Watertown, ad
 1752 KTPR 91.1 IA Fort Dodge, NPR nx
                                                 09 50 kBAT 93.3 TX Midland, k
 1756 KRCS 93.1 SD Sturgis, ads
                                                 00 05 KUFO 97.9 TX Odessa, r
                                                09 08 KQIP 96.9 TX Odessa, talk, Super q
 1805 KROK 94.7 MN Morris, m
 1821 LIXX 96.1 SD Watertown, ad
                                                05 % KAMZ 93.1 TX El Faso, sports, ZFM
1824 KBCM 95.5 IA Sloux City, ad
                                                05 13 KLAQ 95.5 TX El Paso, pr. The Q
                                                05 2 KSET 94.5 TX E1 Paso, p
05 17 KHEY 96.3 TX E1 Paso, k, Y-96
05 14 KEZB 93.9 TX E1 Paso, ads
1837 ASDY 95.1 MT Sidney, ads
1840 AOLY 99.5 SD Mobridge, m
1844 KWYR 93.7 SD Winner, ad
                                                10.25 ATK 99.9 IN Carlsbad, p
6/10.2 Es
15.4 XHGL 97.7 YU Merida, m, SL
20.2 XHMT 98.5 YU Merida, 31, ID
1845 kIZZ 93.7 ND Minot, p. Z-94
1900 KRRL 93.7 IA Carroll, wx
 1920 KFBQ 97.9 WY Cheyenne, ad, Q-98
 1922 Kask 97.5 NE Chadron, loc. ad
1957 WEAT 93.1 NJ Paterson, nx
                                                 2120 WSNE 93.3 MA Taunton, ID
1959 WOGY 93.7 MA Lawrence, old r
                                                 2121 WLVH 93.7 CT Hartford, SL nx
2000 CIGN 92.7 ON Sudbury, nx
                                                 2132 WCGY 93.7 MA Lawrence, old r
2015 WMGX 93.1 ME Portland, p
                                                2123 WKSS 95.7 CT Hartford, m, Kiss
2028 WDAY 93.7 ND Fargo, local nx
                                                 2103+ WINE 95.1 CT Brookfield, ad, I-95
2030 KGCH 93.1 MT Sidney, ID, CH-93
                                                 21045 WMAS 94.7 MA Springfield, p
2040 WDEA 95.7 ME Ellsworth, R. S. BB
                                                 6/0<sup>1</sup>2 Es
                                                 2205) kELT 94.5 TX Harlingen, k
6/16 tr
0930 WBFM 98.1 SC Seneca, nx
                                                 220 3 XHAAA 93.1 TAN Reynosa, S1, mr
                                                 223 7 KIWW 96.1 TX Harlingen, SL
0934 WEZC 104.7 NC Charlotte. m
                                                6/32 Es
1135 KWLS 93.1 KS Pratt, ABC nx
1006 WTOR 104.1 NC Winston-Salem, wx
                                                114 WHAV 92.5 MA Haverhill, AP nx
                                                 1121 WDAY 93.7 ND Fargo, m, FM-94
2008 CKSB7 93.5 ON Kenora, FF, c
                                                1133 WWUS 93.5 FL Big Pine Key, ads
2011 KOLL 93.5 WY Gillette, ad, 93-Rock
                                                 112) CFNQ 93.9 ON Ottawa, ad
                                                1159 WMGX 93.1 ME Portland, p. Magic
2023 LHDM 95.3 MT Hardin, mr
2025 KKHJ 93.9 SD Rapid City, m, FM-94
                                                11)/ KTYN 94.7 ND Grand Forks, r, y-95
2035 EVSR 97.9 SD Rapid City, g
                                                 12) WFMK 99.1 MI East Lansing, ad
2038 KXXE 101.3 MT Forsyth, AP nx, FM-101
                                                      WKCQ 98.1 MI Saginaw, local ad
                                                 12<sub>10</sub> WCUZ 101.3 MI Grand Rapids, local ad
12<sub>20</sub> WJML 98.9 MI Petoskey, wx
2105 KBAT 93.3 TX Midland, k
2125 KSDY 95.1 MT Sidney, k, Country-95
2140 KLAN 96.1 ND Williston, ANC nx
                                                 1230 KKOK 95.7 MN Morris, local ad
2222 KIZZ 93.7 ND Minot, wx
                                                 1233 WNIR 100.1 CH Kent, local ada
                                                 12 WLDR 101.9 MI Traverse City, ad
                                                 12, WZIR 98.5 NY Niagara Falls, ad
                                                 12:13 WIDG 102.9 MI St. Ignace, local ads
0949 XHRR 102.5 TAM Reymosa, SL, loc. ad
0952 KTFE 102.7 TX San Antonio, nx
                                                 124) WLFM 91.1 WI Appleton, p
                                                12)1
1002 XHRL 98.1 NL Monterrey, SL NX
                                                     WCSG 91.3 MI Grand Rapids, c
1004 XET
           94.1 NL Monterrey, Sl nx
                                                 12) KDSU 91.9 ND Fargo, promo
                                                12) KCCM 91.1 MN Moorhead, MPR prog.
1005 XHNL 94.9 NL Monterrey, Sl nx
                                                12) WRDN 95.9 WI Durand, area band ad
1013 XHXL 91.7 NL Monterrey, Sl nx
                                                 12); CHON 97.7 PQ Montreal, local
1015 ZHRK 95.7 NL Monterrey, SL nx
                                                 12) KKXL 92.9 ND Grand Forks, ad, XL93
1025 HINL 92.7 TX Eagle Pass, ad
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12) WAYZ 101.5 PA Waynesboro, K Top 10

12 V KQAA 94.9 SD Aberdeen, ad, CONT.....

1202 WRVM 102.7 WI Suring, Rel, Drama

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6/26 Es, cont.
                                             1311 WIFC 95.5 WI Wausau, ad. 95-IFC
1255 WJNR 101.5 MI Iron Mtn. p
                                             1312 WWMH 95.9 WI Minocqua, local ad
1258 WDUZ 98.5 WI Green Bay, ABC nx
1304 KFNW 97.9 ND Fargo, UPI nx
                                             1315 WIMI 99.7 MI Ironwook, ad
                                             1316 WSPT 97.9 WI Stevens Point, ID
1305 KSJM 93.3 ND Jamestown, ID
                                             1324 KOWB 98.7 MN Hoorhead, ads, Q-98
1307 KLGR 97.7 MN Redwood Falls, ad
                                             1330 KYCk 97.1 MN Crookston, k
1309 WKKQ 93.9 MN Hibbing, local ad
                                             1335 KBMO 93.5 MN Benson, local nx
1310 KVOX 99.9 MN Moorhead, wx, K-100
                                              1357 WSCD 92.9 MN Duluth, talk
Total Chickamauga log: 745, total overall log 1753. Fm DX has been very good this season
with 13 days of FM Es so far this month. I need help with the location of KRIE at 92.7.
It's a middle of the road station. I got the ID on tape, but I don't know where it's
from. My goal is still 2000, and I'm hoping for a big FM E-skip in July. Again, I'm
sorry for my bad logkeeping. I am doing better. Remember in 1982 FM-DX will come thru!
(George indicated most of his loggings were either taped with an ID or heard with an ID. DB)
Danny Buntin, 1312 N. Skyline, Stillwater, Ok 74074 - 6/7 to 7/6 CDT
Equipt: Pioneer TX-9100 tuner, Antennacraft 10 el. antenna, 30 ft. high w/rotor.
6/7 Es
                                              2200 KHME 96.7 OK Comanche, ID, k, $, new
1659 WRVS 95.1 MD Baltimore, ID
                                              6/17 Es
1711 WASH 97.1 DC Washington, ID
1715 WHOM 94.9 NH Mount Washington, ID 1470 2200 WHSA 89.9 WI Brule, ID, prev. by tr 790
1722 WYST 92.3 MD Baltimore, ad
                                       1125
                                              6/25 Es
1727 WAYV 95.1 NJ Atlantic City
                                       1250
                                              2100 NUCF 89.9 FL Orlando, ID
1730 WFPC 96.9 NJ Atlantic City, ads
                                              2125 WSHE 103.5 FL Ft. Lauderdale, 103 She
1734 WMGM 103.7 NJ Atlantic City, ads, ID
1737 WTVR 98.1 VA Richmond, nx
                                       1100
                                              0955 WALLO 88.1 NC Raleigh
1751 WWAV 99.9 ME Auburn, Wave 100, ads
(state #48 and my most distant Es)
                                       1520
1755 WGAN 102.9 ME Portland, ID
                                              1004 WOBR 95.3 NC Wanchese, ID, m
                                       1510
1758 WWDC 101.1 DC Washington, OK-101
                                              1009 WNOR 98.7 VA Norfolk, ID
1806 WMJX 106.7 MA Boston, Magic 106, ID 1455
                                              1011 WMBJ 95.9 NC Moorehead City
1809 WLFE 102.3 VT St. Albans, ID
                                              1023 WOSM 98.1 NC Fayetteville
1815 WKHI 99.9 MD Ocean City, 100 KHI, ads
                                              1030 WPAT 93.1 NJ Faterson, ID, m
1830 WSSH 99.3 MA Lowell, ID, ads
                                              1032 WZKB 94.3 NC Wallace
                                              1035 WAZZ 101.9 NC New Bern, ID, wx
1835 WOWI 102.9 VA Norfolk, Wowie
                                       1110
1850 WPTX 97.7 MD Lexington Fark, ID
                                              1035 WGNI 102.7 NC Wilmington, ID
                                              1039 WSFL 106.5 NC Bridgeton, ID
1854 WFLS 93.3 VA Fredericksburg, ad 1100
1859 WTJU 91.3 VA Charlottesville, ID 1040
                                              1055 WWDE 101.3 VA Hampton, 2WD
1900 WQMC 95.3 VA Charlottesville, ID
                                              1101 WETA 90.9 DC Washington
1902 WAER 88.3 NY Syracuse, ID, b-game 1200
                                              1105 WUJC 88.7 OH University Heights, ID
                                              1110 WUWU 107.7 NY Wethersfield, ID
                                              1116 WRRB 107.9 NY Syracuse, ID
1955 WWNO 89.9 LA New Orleans, ID
2359 KVLU 91.3 TX Beaumont, ID
                                              1125 WSUX 98.3 DE Seaford, ID
                                                                                      1200
                                              1128 WFVA 101.5 VA Fredericksburg
6/8 tr, cont.
                                              1137 CKFM 99.9 ON Toronto
                                                                                      1110
0002 KRRV 100.3 LA Alexandria, ID, k
0014 KXKZ 107.5 LA Ruston
                                        360
                                              1145 WDSY 107.9 PA Pittsburg, ID
                                                                                       990
0019 KWIC 107.7 TX Beaumont, r, strong 460
0027 <u>KZOM</u> 104.5 TX Orange, Zoom 104 1/2, ads
0037 <u>KIPR</u> 95.5 TX Diboll, "hipper", ID, k
                                              11.58 WKSU 88.7 OH Kent
                                              1159 WAUP 88.1 OH Akron
                                              1200 WEMU 89.1 MI Ypsilanti, ID
0041 WRNO 99.5 LA New Orleans, ID, r
                                              1210 CkO 106.9 ON Ottawa, ID
                                              1214 WILQ 105.1 FA Williamsport, ID
0057 WEZI 105.9 TX Memphis, ID, m
0059 WEZB 97.1 LA New Orleans, ID, r B-97
                                              1220 WNOZ 99.9 NY Cortland, IL
                                                                                       1205
0109 KJCS 103.3 TX Nacodoches, ID
                                              1222 WOYT 98.1 NY Binghampton, ID
                                        480
                                              1231 WIOG 106.3 MI Saginaw, ID
0114 WXLY 96.3 MS Jackson, k, ID
                                        460
0010 KHCB 105.7 TX Houston
                                              6/30 Es
                                              1032 WMNF 88.5 FL Tampa, ID
 6/9 tr
 0015 WXLY 96.3 MS Jackson, ID
                                              1041 WCVU 94.5 FL Haples, ID, m, Seaview
                                              1045 WWBA 107.3 FL St. Petersburg, ID, m
 0057 WQNZ 95.1 MS Natchez
                                              1050 WPFM 107.9 FL Panama City
 6/13 Es
 2015-2100 up to 94.5, no IDs
                                              1057 WYNF 94.9 FL Tampa, 95YHF
                                              1100 WCIE 91.3 FL Lakeland, ID, &
                                              1110 WJCT 89.9 FL Jacksonville, c, ID
 2351 WKYV 106.7 MS Vicksburg, ad, KYV
                                                                                        145
                                              2200 WKYV 106.7 MS Vicksburg, k
 1759 WDZZ 92.7 MI Flint, ID
                                              7/4 tr
                                                                                        300
                                               2130 KFMV 107.9 AR Magnola, ID, g
 1800 WVIC 94.9 MI East Lansing, ID, r
                                              Logging 48 states took 8 1/2 years to
                                              accomplish. Getting the last two states 1
 0854 KDXT 93.3 MT Missoula, XT-93, ads
                                              lack, AK & HI, is bound to take much longer.
 2030 KNAQ 92.1 ID Rupert, ID, Q-92
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Rogers, cont.

1030 XHSRO 92.5 NL Monterrey, Sl, p

1842 KPKE 95.7 CO Denver, concert ad

0430 WJAN-17 OH 150

0720 WEAO-49 OH 130 (now WTOF-wd)
0725 WNEO-45 OH # 18 Tr 0319 WIEV-4 NY 125

August 1982

August 1982
Robert Ross: Box 4373 Stn. C. London, Ont. N5W 5J2 EDT? Deadline: 1st May 1982

10 Tr 2058 WFMJ-21 OH 135 10 Tr 2128 WXON-20 MI 120 14 Tr 0729 WTRF-7 WV 200 2103 WAKR-23 OH 130 14 Tr 0710 WNED-17 NY 125 0732 WCPO-9 OH 320 2106 W67AL(WVIZ)130 W64AF # 80 0713 WPTT-22 PA 180 15 Tr 0405 WCPR-62 MI 120 0715 WGTE-30 OR 150 0717 WUHQ-41 MI 210 0410 CFMT-47 ON " 2110 WCLQ-61 OH 100 2115 WUAB-43 OH "

0727 WPGH-53 PA 180

Equipment: Toshiba 12" tv; UHF Flying Arrow ant.

2120 WKEN-27 OH 135

2124 WVIZ-25 OH 100

Saul Chernos: 79 Ridge Drive, Toronte, Ont. MAT 1B6 EDT? All DX seen in Burnt River, Ont.

<u>J</u>	un e Ms	1982 0540	WTKR-3 VA 570 Norfolk	June 7 Es	1982 1928	WDSU-6 LA 1225 New Orleans	June 8 Es	1982 1930 KTCA-2 MN 725
3	R.s Ms	1930 0546	(was WTAR-wd) WERZ-2 LA 1230 WEAR-3 FL 1120 Pensacola		1955	KALB-5 LA 1220 Alexandria		1935 <u>CKPR-2 ON 580</u> Thunder Bay 1954 <u>CEWFT7-2 ON 845</u> Kenora
	Es Ms	21.00	<u>KYTV-3 MO</u> WTVY-4 AL 1025 WRCB-3 TN 775		1730	KSNB-4 NE KTIV-4 IA 1010 Sioux City KNOP-2 NE 1165	9 Es	1955 CBWT2-4 MB Lac du Bonnet 1930 Unideds on ch.2 1859 KDFW-4 TX 1305
6	Es	1802 1810	Chattanooga WPBT-2 FL t WESH-2 FL 1110 KQTV-2 MO			CBWT-6 MB 965 Winnipeg KSTP-5 MN 725 St. Paul	TO ES	1930 WERZ-2 LA 1230 1931 WWL-4 LA 1225 2000 WMAB-2 MS
		1845 1856	WFMY-2 NC 620 Greensboro		1900	KXON-5 SD 985 KPKY-4 SD KGFE-2 ND 930	ll Es	2058 WPBT-2 FL 1340 : 1805 WTVJ-4 FL 1345 1811 WSB-2 GA 840 1812 WESH-2 FL 1110
		1911	WCBD-2 SC 850 Charleston WWAY-3 NC 745 Wilmington		1901	Grand Forks CKYP-+ MB 1090 Brandon CKX-5 MB 1090	13 Es	1817 WPTV-5 FL 1280 1830 WPBT-2 FL 1340 1300 " " "
7	Es	1928	KUSD-2 SD 940 WERC-6 AL 910 Birmingham WJEF-6 GA 825		1903	Brandon CHWFT-3 MB 965 Winnipeg KDLH-3 MN 685		2100 WWL-4 LA 1225 2202 WESH-2 FL 1110 2306 WP ET-2 FL 1340
			Augusta		-,0/	Duluth		

"The first few days of June have been good. June 7 was muf 107.9 at least & most time spent on FM. On June 8th muf was 104.9 but only for 1 hour. The Ontario Es was a nice surprise; Thunder Bay is only 580 mi. away. Would have been a nice time for 2Es but none noticed. Also a lot of the pests. I may even ask to have W BT's schedule put in our local TV Guide. W BT, WESH & WERZ are the worst on 2 and WTVJ and WTVY the worst on 4. Three is hard to DX due to nearly CKVR but DX can be done if it's in strong enough. Totals now at 146 and may this continue. Seventy Threes."

William R. Hepburn; c/o Transport Canada Training Centre, 1950 Montreal RD.. Cornwall, Ont. K6H 6L2 EDT

"This year's Es season has yet to start for me. It's already June 1st. This is my first year of DXing with no May Es. Perhaps being 250 miles NE of my usual oth has something to do with it. Hope others are having better luck. A friend in Vancouver had FM Es on May 15th. Some tropo themek top distance only 250 miles. So far my Cornwall record: log totals a slim 55. (All loggings are new-wd)

May 1982 5 Tr 2131 WTVH-5 NY 150 May 1982 13 Tr 2238 WHNG-12 NY 205 26 Tr 2319 WROC-8 NY 195 11 Tr 0624 WKTV-2 NY 135 2339 WSKG-46 NY " 2320 WOKR-13 NY " 0625 WHEC-10 NY 195 2343 WICZ-40 NY " 2323 WUTV-29 NY 245 1744 WIXT-9 NY 150 2345 WMGC-34 NY " 2324 CHLFT-25 ON 250 2056 WUTR-20 NY 135 26 Tr 0714 CJOH6-6 ON 135 2334 CICA-19 ON

May 1982 26 Tr 2336 CHLFT14-32 ON 108 26 Tr 2347 CKGN22-22 ON 230 27 Tr 0020 W64AG NY 97 2338 CHLFT12-44 ON 190 2349 WCDC-19 MA 185 (WUTR) 0051 CBLFT13-15 ON 2344 CFMT-47 ON 250 2352 CBFT1-11 PQ 98 0655 CKGN 22-22 ON

Equipment: RCA tw with rabbit ears + bow tie on 4th floor. P.S.-Still have yet to get CKGN-6 in Ottawa only 60 miles away. CBMT. WRGB. & CJOH dominate the channel."

Seul Chernos: 79 Ridge Drive, Toronto, Ont. M4T 1B6 EST-EDT?
From Burnt River, Ont.: December 1981 January 1982 January 1982 January 1982 January 1982 28 Es 1910 WERZ-2 LA 1 Es 1702 WSB-2 GA 1 Es 1703 WDIQ-2 AL 1 1704 Es WTVY-4 AL January 1982 30 Es 1234 WESH-2 FL

From Toronto, Ont.: May 1982 5 Es 1555 WLBT-3 MS t WBRZ-2 LA

The Burnt River Es were my first ever there in winter; (I've had once in T.O.). The T.O. Es of May 16 included an ad for "Jackson ?". This could be the 3 there (MS) but Jackson is a popular name and could be attributed to other stuff. Interestingly enough, WLBT happened to be right in the target area, but I won't count it. By the way, I saw the ad twice in a very short time span. Another little surprise. I had a TV-8 carrying Billy Graham's show tonite (June 1st). Since CBS was carrying it(it is(did) as far as I know), I checked 8 for CBS' to the South, SW, SE. Only possibility was Charleston, WV. (I didn't know those broadcasts were carried exclusively by one network, I thought any one who wanted could pick up the broadcast .- wd) Was I ever surprised to see WROC-8 NY I.D.! They're NBC. (Local WFRV-5 was carrying it here.-wd). The CBS (WHEC-10) opted to drop the Graham Special & WROC, despite being part of NEC, grabbed it. Yet, WROC, to do this, had to drop their own NEC feed. This sould be confusing to the unwary DXer and a heck of a good reason not to count a station by network alone. On the same topic, though dealing with FM, I notise NPR carries CBC Radio's "As It Happens". Try to wait for a CBC I.D. before you think you've logged Canada. Enough said, it's June 1st and no sign of Es for about a week. Of course, this means an actioned packed July! (I hope so -- wd)

Frank Wheeler: 6589 Wattsburg Rd., Erie, PA 16509 EDT May 1982

11 Es 1600 KPRC-2 TX 1210 6 Es 1520 WRBI-3 CA 814

1522 WINT-4 FL 830

Thunder Bay 1632 WWL-4 LA 1005 13 Es 1330 WTVJ-4 FL 1098 14 Tr 2236 WNDU-16 IN 318 15 Es 1844 WP BT-2 FL 1098 1825 WMC-5 TN 723 2330 WLBT-3 MS 882 1902 WLBT-3 MS 882 14 Es 0900 WPBT-2 FL 1098 18 Es 1900 KTWO-2 WY 1322 1928 KTVS-3 CO 1184 8 Es 1159 WERZ-2 LA 1020 2130 WESH-2 FL 902 1200 WPBT-2 FL 1098 15 Es 1920 WBRZ-2 LA 1020 2000 KDIX-2 ND 1169 2230 KOA-4 CO 1292 1259 KATC-3 LA 1056 1300 KJAC-4 TX 1124 2000 KETS-2 AR 925 2030 KJRH-2 OK 943 22 Es 1918 KNOP-2 NE 1066 24 Es 1928 KTVS-3 CO 1184 1329 WLRT-3 MS 882 17 Es 2200 KCKT-2 KS 1015 1330 WEDU-3 FL 998 2300 KTVS-3 CO 1184

Equipment: Sylvania 24" tv (1976); ant.-Archer VU 160; Servo Rotor. Totals: 283 received, 215 verified.

Rebert Goodman: 2030 Hering Ave., Bronx, NY 10461 EDT Everything is new except WTXX, WJZ, WEAR & WLBT-wd.

June 1982 7 Ae? 1655 WBBM-2 IL tent. 7 Tr 2100 WAAT-40 NJ 130 7 Tr 2230 WEOC-16 MD 200 1900 WISC-3 WI 800 WTXX-20 CT 80 2235 WYAH-27 VA 310 1928 KIMT-3 IA 1000 t 2130 WCPB-28 MD 200 8 Tr 0540 WJZ-13 MD 190 2150 WLVT-39 PA 80 15 Es 1536 WEAR-3 FL 1050 15 Es 1958 WLHT-3 MS 1050 WBRZ-2 LA 1200 \$ 2215 WWAC-53 NJ 110 31 Es 1630

Plus numerous Es uniDeds on the Es days, of course. The tentative loggings on ch.2 were under WCBS-2. The one tentatively assigned to WBRZ beat at only about 0.2 herts to WCBS, as seen by polarity reversals. 37

Steve Sprachman: 3939 Eve Drive, Seaford, NY 11783 of the country. If you haven't been to Arizona and Southern Utah, I strongly recommend that you take a trip there.

DXwise, there was some. These stations are on the air: WKOI-43, Richmond, IN with programs from the Trinity Broadcasting Network (of KTBN-40 Los Angeles fame). Other TBN stations seen: KPAZ-21 Phoenix (and translators K62BA Flagstaff and K57-- Tucson.) and KTf0-14 Oklahoma City (they are not listed in TV Guide). THN is in the process of purchasing WFTI-54 Poughkeepsie, NY. They said it will cover New York City. I guess they would either raise the station s' power or move the transmitter. Also on (but not seen) WOAC-67 Canton. They are listed in the Youngstown-Erie TV Guide.

DXing on a motel TV is a real experience. If it has a working UHF dial, there is no UHF antenna. I did get some trop on May 19th in Effingham, IL. between 6 and 11 P.M. Stations seen: WCIA-3, WTTV-4, WTVW-7, WISH-8, WSIU-8, KETC-9, WICD-15, WAND-17, WICS-20, WVUT-22, WDDD-27, (does anyone know if they're still on; since that tornado moved through there?-wd), WBAK-38, WTWO-2, WTHI-10, WUSI-16. St. George, UT was also interesting. Received on the motel TV were 16 translators rebroadcasting 5 different stations.

My TV Guide collection is increasing. I picked up 21 editions of TV Guide, one TV News (from Indiana) and the National Edition of Tele-Guia from Mexico. (Are local editions like TV Guide? If so, what are they? Can any experienced Mexican DXers or travelers fill me in?

The vacation was great, but I had to come home (and worse, go back to work!). I left with trops almost every night. Since I got home, DX has been nearly nil. I hope I didn't miss any great openings while I was away.

That's it for now. Hope everyone is having a great summer. P.S.-next year Europe. "

Frank Merrill: P.O. Box 7207. Toledo. OH 43615 EST-EDT (419)-866-8589 anytime. 3/20 Tr 1843 WWMA-17 MI Grand Rapids 150 mi.

22 Tr 0433 WSNV-4 TN, Nashville 420 mi., faded in for about 50 seconds; didn't really act like MS burst as signal was stable.

Ms 0451 WSMV-4 TN, previously by tropo. They run a character-generated "cable news type" all nite.

+/14 Tr 1900-2000 WKMU-21, WFIE-14, WUSI-16, WKMA-35(cci only), WAND-17, WNED-17, WICD-15, WANE-15, WQRF-39.
2300 W65AH, W66--, repeating WAEO(you mean WEAO-wd) or WNEO(is this possibly another situation where W65AH, which relays WOUC-44 is also picking up WNEO-1-5, which relays WEAO, and kicking it up

to the next channel??), WPNE-38. 15 Tr 0200 KDNL-30, WLYH-15, WISC-3, WQAD-8, WLUK-11, WREX-13, WCIA-3, 5/11 Es 1430-1700 KMID-2, KFDX-3, KRGV-5, XEFD-3 tent., KIII-3, KPRC-2;

2014 Cuba-3 15 Es 1855 CM--- Cuba, Havanna; 1320 finally eaught a parallel to Cuba-3 after many years of trying to do so!

1800-2000 WEAR-3, WKRG-5, Cuba-5, WPTV-5, WCIX-6, WEDU-3, WPHT-2

16 Es 1528 KTBS-3; 1800 KPRC-2, KIII-3, KRGV-5.

17 Tr 0650-0700 WE0Y-12, WPHY-33, WTAP-15, WHIZ-18, WLYJ-46, WHME-46.

18 Tr 0121 WOAC-67 OH, Canton, s/off 140.mi.

19 GW 0339 WK01-43 IN, Richmond s/off, "just what I need, another pest" 150mi Es 20+3 KENW-3 NM tent.

6/2 Es 1856-1900 X???-3 Mexico Oko ad (el mejor in todo el Mexico), vota asi 4 de julio, "Television 3, el canal de las estrellas", soap opera with Alberto Vasquez. Not XEFB per telephone call to them!! However, there's a XHPN in Piedras Negras, and a telephone call to Eagle Pass does confirm the existence of KHPN (Jim Pizzi wasn't sure about it). Now I'll call KEPS back and see if I can't find a bi-lingual staff member who watches the channel 3, they might know if their favorite local TV station is "channel of the stars!" Frank Merrill; continued--- August 19 Infortunately, the I.D. slide, which has hopefully been captured inside my August 1982 namera, shows no call letters and no location at all! I won't let this one get away from me. I've been after a Mexican for 20 years!!!!

6/5 Es 1900 CJFB-5 and CBCP-1-3 both in.

6 Es 1803-1823 WGHH-2, KMID-2, KENW-3 tent., KDEC-4 tent. (different zero off-set CCI than what I'm used to so apparently not KMOL or KAMR).

7 Es 1816-1838 WTVY-4, WPTV-5, WTVJ-4, WCIX-6, Cuba-5, WTVY-4 1744 WFSB-3: 2000 KALB-5

1900 WMAD-2 MS Columbus 630.; 1730 WINE-6 RI, Providence 630
10 GW 1545 ????-44 3/4 cb test, no audio. No I.D. or anything through 1605. Strength comparable to WLIO-35. Is there something new in Lima??(It's probably the new station on ch. 44 in Lima which should be on shortly-wd)

Haven t seen any real Tr yet this year. The 4/14 opening was very brief and very weak and fady, and the hoped for overnight build up did not occur (many a super Tr opening has started up with weak 300 and 400 mile stuff during the middle or late evening). More promise was showing around midnight on 6/1 and into very early 6/2 with a weak showing of Tuscaloosa and Chattanooga (and nothing else) on FM and nothing on TV. Again I was drawing parablels, like 9/24/79 when I had WOWL-15 AL and nothing else just after midnight, but by dawn it was building into one of the greatest Tr openings of the past few years. What is the correct city of license for WINE-6?? (New Redford, MA-wd). Providence or New Bedford? Is this generally recognized as a RI or a MA station??(It depends where their xmtr is located; and, if it's still there, it should be in Tiverton, RI. When counting stations for states, count the state where the xmtr is located, not the city of license.wd). Obviously it would affect my state totals; the WTFDA TV Station Guide says "Providence" and the Vane Jones guide says "New Bedford" - of course I would prefer that it be Providence, hi. Unfortunately, the I.D. slide was flashed very quickly, too fast for me to see if it said "Frovidence" (or Providence-New Bedford) which would mean HI, or "New Bedford" (or New Bedford-Providence) which would mean MA. Unfortunately I missed the first half of that brief as opening to an ultra rate area; it was up into FM and a local guy got CT on 90.5 just moments before I got home, and Providence was probably possible on FM as well as MA (two FM states needed here). I am doing very little traveling in June and july, going only to the Staten Island convention, and the GWDXA Convention in Kent, OH the last weekend in June. (GWDXA is a "DX" club consisting mostly of sticker collectors, format and DJ followers and new wave AOR music followers). Of course if I'm home for the "barnburner" Es opening, I'll probably be paying close attention to channels 7 & 8 and sometimes watching the lower channels Es but FM will be eating up most of my attention, and all my time will be spent down marking down new FM loggings! I hope that this is a banner DX season for all of you (and the profuse amounts of his seen here and heard on FM already, point to possibly an above-average Es season)."

Robert Grant: N8DZY, 5775 Bishop, Detroit, MI 48224, (313)-884-3025, EDT =new ____ =new mode *=thru local t=tentative May 1982 11 Es 1205 KBTX-3 TX May 1982 19 Es 0850 WEDU-3 FL t 7 Es 1924 WEAR-3 FL 12 Es 1030 KOET-3 OK 0924 WEAR-3 FL 1949 KXAS-5 TX 1100 KFDX-3 TX t 20 Ms 0659 WETV-3 NC 2024 KLNE-3 NE WKY-4 OK t 1200 KTXT-5 TX Charlotte 8 Es 1100 KFDX-3 TX 24 Es 1800 KFDX-3 TX 1130 WEDU-3 FL 10 Es 1800 KATC-3 LA Lubbock 1900 KARD-3 KS 1230 KOAA-5 CO 2000 KOAA-5 CO 1807 unided-3 1455 KOTA-3 SD 2015 KLNE-3 NE (CNN2) 1600 CFSS-3 SK 1900 KFDX-3 TX 15 Tr 0600 WPXI-11 PA June 1982 7 Es 1545 WSAV-3 GA 1930 KTXT-5 TX WWTV-9 MI KENW-3 NM WTO V-9 OH 1600 WCBD-2 SC * Portales 0800 WTAJ-10 PA 1710 WLBT-3 MS 2000 KAMR-4 TX WTRF-7 WV * 1715 KATC-3 LA Amerillo 13 Es 2128 unideds-2-5. (I beleive 1800 WKRG-5 AL they changed their 1807 WCTV-6 GA 14 Es 0655 CKLT-1-3 NB t call letters but I 0710 CBHT-3 NS Thomasville 0724 CBAFT-1-5 NB 1809 WIVJ-4 FL * can't think of the 1824 WWL-4 LA * Fredrickton new ones: I don't 0947 unideds on 3&5 have a record of it-wd New Orleans (previously via Ms) 15 Es 1930 KENW-3 NM 2030 KOAA-5 CO Es 1945 WLBT-3 MS 1911 KALB-5 LA 16 Es 1530 WKRG-5 AL 2100 KLNE-3 NE

Alexandria

Eastern TV-DX

<u>June 1982</u> 17 Es 2200 KOAA-5 CO 20 Es 2026 KRTX-3 TX

20 Es 2045 KTBS-3 LA 2125 KAMR-4 TX *

"Antenna is Radio Shack V-90 at 8' in backyard. Homes, trees and garages cre. ate heavy ground clutter.

TV before 5/18 is Zenith 21" bow (1959) w/Sutco tunable booster. The Zenith is now dead. (When I cleaned the tuner, something in the tuner broke.) TV after 5/18 is RCA 25" color (1982) with horrid tuner. (C.O.L.O.R. is an acronym for Cost Overrun / LOw Reliability.)

I seem to notice that in any given year the best Es openings are a little less than a month apart. (6/1 and 6/27 in 1979; 6/18 and 7/17 in 1980; 6/8, 7/8 & 8/6 in 1981 and 5/12 and 6/7 in 1982.) Another thing I notice is that most Es openings have a "clockwise trend". (Examples: A typical Es to the plains may start with KFDX and end with CFSS or KOTA. And an Es to the Gulf coast might start with WEDU and end with KPRC-2_)

With my new ham license (N8DZY) my old nickname "General Grant" can be taken literally!"

Marvin Shults: R.R.#1. To	oulon, IL 61483 CDT	
May 1982	May 1982	June 1982
5 Ls 0810 WTVQ-36 KY t	12 Es 1216 KRGV-5 TX	17 Es 2059 KNOP-2 NE
6 Es 1830 KPRC-2 TX	1220 XIII- 5 <u>Ch</u>	North Platte
1900 WBRZ-2 LA	Chihushus	2105 KTWO-2 WY
2200 KIII-3 TX	1259 KIII-3 TX	2130 KYCU-5 WY
2201 X2 Mexico	1300 X2 Mexico	2228 KID-3 ID
2215 XEFE-2 Tams	1515 CKTV-2 SK	18 Es 0800 WPBT-2 FL
11 Es 0859 ICR-5 Cuba	1529 KTVQ-2 MT	0845 ICR-2 Cuba
(Santa Clara; t.p.	15 Es 1914 WESH-2 FL	(Havanna)
& tone, grade A)	1929 WPTV-5 FL	20 Bs 1959 KPRC-2 TX
0900 WPTV-5 FL	WPRT-2 FL	2059 KTVQ-2 MT
WPBT-2 FL	18 Tr 0800 WKBD-50 MI	2159 KRTV-3 MT
0910 ICR-2 Cuba	WTVS-56 MI	2200 KWGN-2 CO
(Havanna)		2230 X 2 Mexico
ICR-3 Cuba	<u>June 1982</u>	22 Es 0830 XEFB-3 NL
(Santa Clara)	14 Es 0825 ICR-2 Cuba	0859 KENS-5 TX
12 Es 1129 XEFE-2 NL	(Ha Vanna	1858 WPBT-2 FL
XEPB-3 NL	16 Tr 2100 <u>WWMA-17 MI</u>	
1215 KGBT-4 TX	Grand Rapids	

"The E-skip season go off to a bang but recently has really slowed up. The openings have been relatively short (timewise). It seems everytime that the Cubans have been in that they have been booming in during test pattern time with super clear pictures. The disgusting trend of the tw stations going to 24 hour broadcasting will soon be upon us. I note that Milwaukee 4, 6, & 12 will start 24 hour on July 5 - - probably many others to follow." (I hope your wrong but I guess it's inevitable-wd)

Steve Sprachman: 3939 Eve Drive, Seaford, NY 11783 EDT?

"The DX in the month of June can best be called a success. Six new stations." were received. The month started off slow due to the wet weather. Compared to what it was before I went on my trip, I thought the season had fizzled out. Es was finally seen on June 7th and for the next two weeks DX conditions were

Days with trop: May 27.28 June 3.4.9.11.12.16.21.22. Days with Es: June 7.8.

13,14,15,19,23.
Highlights: (Underlined are new)- June 7 Es 1830-2100 KGAN-2 IA, KIMT-3 IA, KT VO-3 MO, KMTV-3 NE, KOET-3 OK, WITI-6 WI, KAAL-6 MN, WOC-6 IA; June 8 Bs 1830 KDLH-3 MN, CBWFT-3 MB; June 9 Tr 0700-0900 - UHF from Norfolk, VA and Washington, DC to Boston, MA including WHMM-32 and WCQR-50 (with a test pattern): 1800-2000 more of the same. June 15 Es 1930-2000 - WLBT-3 tent., WBRC -6. Rirmingham. Al. (I.D. seen). June 23 Es 2100- KTVO-3: near perfect.

The totals at this point are VHF 70, UHF 814, total 154. States 30, Provinces 2. Slowly I'm getting some where.

There's no local TV news this month. The New York Times had articles on the G's lifting of restrictions for STV and on direct satilite to home TV prog-40ming. It seems that the FCC is working for the big bucks and not the

peor viewer. I am finally going to attend a WTFDA convention. In the 7 years I've been a member, the convention is finally in a convenient lecation for me. I'm glad that I have a chance to meet my fellow DXers.

and finally, there are two things for the strange oddities department. The first is WTVE-51 Reading, PA. Do they have programming in the evenings after 8 p.m. or are they STV? All my sources (TV Guide, TV Time and Channel and TV Host - the last two being local Pennsylvania TV magazines) do not have listing for WTVE-51 after the 7 p.m. listing. Oddity #2- It seems I sent 3 members TV Guides from my trip to Arizona. It's been over a month and I haven't heard any thing from them. (Hopefully, when they read this another couple of months will pass and they'll really feel guilty!). Well, that's it for this month."

Steve West: 432 Kenmore Rd	. Havertown, PA 19083 EST & EDT
March 1982	May 1982 June 1982
24 Tr 2300 Boston U's(260)	15 Es 2000 WMT-2 IA t 8 Es 1800 KDIX-2 ND 1460
25 Tr 0830 " " "	KJAC-4 TX t 1900 CBWT-2 MB relay of
WUNJ-39 NC 425	18 Tr 0530 Boston, 25, CBWT-6. (Must be a 38 & 56. a new station; no 19 Tr 0615 WLFL-22 NC t CBWT relays listed
	38 & 56. a new station; no
April 1982	19 Tr 0615 WLFL-22 NC t CBWT relays listed
20 Tr 0300 Boston U's 260	for ch.2-wd)
WTXX-20 CT	June 1982 10 Es 1700 WSIX-2 TN t
May 1982	6 Es 1800 Undid-2 (now WNGE-wd)
3 Tr 2330 WUNK-25 NC 325	7 Es 1200 Cuba-5 11 Tr 2200 WUNK-25, WUNJ-39 1230 WTHS-2 FL 12 Tr 1020 WLFL-22 Releigh
7 Tr 2300 Boston U's 260 NC on FM.	1500 WWL-1 LA 2200 WSHK-38, WITN-7 KJRH-2 OK 13 Es 1100 Cuba-5, 1300 WUFT
12 Es 1930 Unideds on 2 &	KARK-4 AR 2330 WWL-4 LA
4 from Ont.	KFSM-5 AR 15 Es 2030 Undid-2: TN
15 Es 1800 WP BT-2 FL	1700 WDAF-4 MO 2105 KARK-4 AR
12 Es 1930 Unideds on 2 & from Ont. 15 Es 1800 WPBT-2 FL WTVJ-1 FL	8 Es 1000 WWL-4 LA 17 Es 2000 WBRZ-2, KJAC-4
1900 Cuba-5 in B&W	1400 Kansas area. 22 Es 1100 Cuba-5
	26 Es 1100 KETS-2 AR
	27 Tr Oll 5 WPTF-28, WLFL-22
"June is shening un very we	ll for skin and trons. Half the skin has been up to

"June is shaping up very well for skip and trops. Half the skip has been up to the FM band. Some skip up to 107.9. WSMP-100.3 Stereo Studio in SW Philadel-phia is still on (about 10 watts) with R&B. They claim they're licensed by the FCC to cable radio but transmit over air.

There was a small earthquake during the spring (2.5) but Havertown is still located in PA. April VUD page 20 has it down it MD. "(Sorry for the boc-boo-wd)

Harry Hayes: 9 Henry St.	Wilkes Barre, PA 19702 EDT
May 1982	June 1982 June 1982
6 Es 1700 Ch.2, weak	3 Es 2014 WBRZ-2 LA 13 Es 2100-2310 Unideds to
7 Es 2025 KPRC-2 TX	channel 6.
11 Es 2000 KETS-2 AR	6 Es 1830 CBWFT-3 MB 14 Es 0630-0730 Unideds ch.2
2013 KARK-1+ AR	WDAY-6 ND 15 Es 1858 KARK-4 AR
13 Es 2028 WP BT-2 FL	7 Es Super intense 1900 WESH-2 FL
15 Es 1759 KJAC-+ TX	from 1630-2030. 1908 KJAC-4 TX
1900 KATC-3 LA	1956 WBBM-2 IL 1957 WTVY-4 AL
1905 WERZ-2 LA	Chicago 2100 KQTV-2 MO
1950 KFDM-6 TX	8 Es 1800 KUSD-2 SD 17 Es 1929 WP HT-2 FL
16 Es 1325 KOCO-5 OK	KTCA-2 MN 21 Es 2000-2045 Unideds; Mar-
(storm warnings)	1805 WCCO-+ MN itimes.
1515 KTBS-3 LA	1901 KXJB-4 ND 26 Es 0930 WLBT-3 MS
24 Es 1842 KCKT-2 KS	
1858 KARD-3 KS	1905 CHWFT-3 MB 1000 WWL-4 LA (FF NXcast) WDSU-6 LA
31 Es 1230 WESH-2 FL	11. 11.11.11.11
1241 WCIX-6 FL	1/J <u>V2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>
1330 WWL-4 LA	Kenora (CHW I.D.) "Things got going this season
1600 WGAM-2???	(CHW I.D.) "Things got going this seems to the seems of t
unknown; CBS. 1630 WEDU-3 FL	
TO20 HEDO-2 10	2100 KARK-4 AR May (dead CX in late may) turned into a pretty good
	turned into a pressy since

season so far. Not on the par of the mid seventies but the best season since 1977. I was happy to get WBBM, the first thing ever on VHF from the Chicago area on any mode.

Equipment: Wilkes-Barre - RCA XL-100 TV, Winegard 2-6 ant. indoors aimed atraight up to eliminate cable. Thornhurst: B&W RCA 1966 w/ch.2 quad, FM

Restern TV-DX August 1982	Kastern TV-DX	George Rogers; continued	August 1982
Richard Reese: 421 Marion St., Jersey Shore, PA 17740 EDT May 1982 June 1982 June 1982	May 1982 24 Es 2203 KTVC-6 KS 102	+ 5 Rs 1332 KNOP-2 NR 1180 7 Rs	1982 1843 CHRO-5 ON 1156
34 ES 1179 W-HT-2 ML 1100 8 Es 1158 WDSU-6 LA 1075 16 Tr 1800 7.9,1123 from	2204 KCKT-2 KS 984 2205 KSNB-4 NE 106	1340 KDUH-4 NE 1339	1845 CHFD-4 ON 1348 1846 CJPM-6 PQ 1400
1230 WESH-2 FL 885	KHAS-5 NE 107	2 1349 KOA-4 CO *	1850 CFCM-4 PQ 1246
1627 WELLES IN 107 11.50 VERY 1. AV 11.00 1929 WILLES IN W	2206 KWNB-6 NE 115 25 Es 1103 KGAN-2 IA 712	0 1910 XHAO-+ CH 1450 2115 XHRIO-2 TM 1245	1902 CHAU-5 PQ 1400 1920 WBEM-2 IL 599
1429 WIVY-4 AL 840 1801 KINE-3 NR 1185 1959 WIVY-4 AL 840	1118 KTCA-2 MN 1008	6 Es 1427 XEW-2 DF 1850	1923 WBAY-2 WI 799
1825 MSP-3 CA 440 1829 KXJB-4 ND 1095 2028 WPB-2 PL 1100	1120 KUSD-2 SD 1120 1141 KNOP-2 NE 1180	1754 KWGN-2 CO 1317 1755 KOA-4 CO "	1930 KTCA-2 MN 1008 1932 WPTV-5 FL 709
1510 TR-4 Cuba 1400 Winning 2201 WKRG-5 AL 965	1309 KWGN-2 CO 1317	1756 KOAA-5 CO 1259	1940 TR-5 Cuba 900
ICR-6-3 " " 1900 KD 1005 0930 WESV-3 VA "	1310 KOA -4 CO " 2200 XHRIO-2 TM 124	1758 KNME-5 NM 1320 5 1802 KWAB-4 TX 1083	2015 WCCO-4 MN 1008 2017 KBJR-6 MN 1163
1614 WPTV-5 FL 1035 KBME-3 ND 1240 Es 1843 WESH-2 FL 885	2202 KGBT-4 TX 1250 26 Es 1320 ICR-2-2 845		2035 KPRC-2 TX 784
lay on ch & 1923 WEDU-3 FL 985	2035 KWGN-2 CO 1317	2102 XEJ-5 CH 1430	2045 KRGV-5 TX 1250 2051 KUSD-2 8D 1120
June 1982 1917 CBWFT-3 MB 1160 1959 WDIQ-2 AL 885	27 Es 1102 KMID-2 TX 1123 1115 XEPM-2 CH 1430	2110 KMID-2 TX 1123 Tr 2115 WMCT-5 TN 322	2057 KJRH-2 OK 712 2108 KCKT-2 KS 984
3 Es 2029 WDSU-6 LA 1075 1659 WTVY-4 AL 840 chs.2-4; Spanish	1410 XEW-2 DF 1850	2120 WJSP-28 GA 208	2110 KQTV-2 MO 800
1710 CHIT-3 NS 700 20 ES 0706 KPRC-2 TX 1305	28 Es. 1117 XHAO-4 CH 1450 1713 XHRPM-2CH "	2217 WIVW-7 IN 270 8 E: 2305 WBBJ-7 TN 260	1002 KNOP-2 NE 1180 1003 KHAS-5 NE 1072
KATC-3 LA 1135 1729 WEAR-3 FL 950 0859 WTVJ-4 FL "	31 Es 1319 WLBZ-2 MB 1188	2310 <u>KTEJ-19 AR 335</u>	KO A → CO 1317
5 Es 1825 KPRC-2 TX 1305 1730 WSJK-2 TN 465 Ms 0859 WABC-6 MS 890 7 Es 1003 ICR-6-3 1330 1735 WNGE-2 TN 630 1149 KIII-3 TX 1490	1320 WGBH-2 MA 995 1327 WCBS-2 NY 750	Jonesboro 7 Tr 0808 WWL-1+ LA 1+80	1045 KUSD-2 SD 1120 1048 KPRY-4 SD 1330
1054 TR-+ Cube 1400 11 Es 1530 WPR-2 FL 1100 Es 2036 KFDX-3 TX 1285	1339 WN.BC-4 NY "	0809 WKRG-5 AL 385	1050 KWGN-2 CO 1317
1058 ICR-6-6 " 1534 WTVJ-4 FI " 21 Es 2015 KQTV-2 MO 985 1124 TR-5 Cuba 1330 13 Es 1246 ICR-6-3 Cuba 2029 KSNB-4 NE 1115	1420 WFSB-3 CT 860 (over WRCB)	0810 KATV-7 AR 459 WDAM-7 MS 382	1051 KXON-5 SD 1160 1100 KPRC-2 TX 784
1129 WPET-2 FL 1100 CMQ-6 Cuba 1325 2059 KMTV-3 NE 985 WTVJ-4 FL " 1247 ICR-2-2 Cuba 22 Es 1132 KPRC-2 TX 1305	1424 WCVB-5 MA 995 1430 WPTZ-5 NY 1065	0811 WVUE-8 LA 480	1303 KDIX-2 ND 1572
1230 WIRS-2 FL 1100 1300 WEDU-3 FL 985 1228 KHIX-3 TX "	1440 CBFT-2 PQ 1086	0815 WSRE-23 FL 390	1309 KGAN-2 IA 712 1310 KTCA-2 MN 1008
1305 TR-2 Cuba 1301 WESH-2 FL 885 1229 KFDX-3 TX 1280 1351 WESH-2 FL 885 1359 WHRZ-2 LA 1095 KOET-3 OK 1090	CFCM-4 PQ 1246 1445 WBZ-4 MA 995	Pensacola	1325 WCCO-4 MN " 1330 WTOM-4 MI 888
1358 WREL-3 GA 750 2057 KARK-4 AR 950 1259 WMAB-2 MS 865	•	1055 <u>WPMI-15 AL 385</u> Mobile	1346 CKPR-2 ON 1348
WSB-2 GA 660 2059 KETS-2 AR ** 1300 KJAC-4 TX 1240 1558 KARK-4 AR 950 WREG-3 TN 820 1331 KYTV-3 MO 910	June 1982 1 Es 0835 KMID-2 TX 1123	1057 <u>WMAV-18 MS 273</u> Oxford	1347 CKCY-2 ON 1005
1559 KETS-2 AR " 2135 KJRH-2 OK 1080 1359 KQTV-2 MO 935	1057 XEPM-2 CH 1430	1100 WOWL-15 AL 177	1350 CICI-5 ON 1238 1354 KSTP-5 MN 1008
1605 WMCT-5 TN " 2224 WCIX-6 FL 1100 2026 KJRH-2 OK 1080	2 Tr 0810 WTTO-21 AL 145 WGXA-24 GA 198	1105 WMAH-19 MS 464 1110 WBMG-42 AL 145	1400 CFCL-6 ON 1336 CFCL-2-2 " 1330
1630 <u>WLHT-3 MS</u> 960 2301 KTVO-3 MO 800 2057 WHTV-3 NC 470	0811 WLTZ-38 GA 224 WCWB-41 GA198	1115 WDHN-18 AL 317	CHFD-4-ON 1348
1800 WARC-6 MS 890 WTVY-1 AL 840 2059 KTVI-2 MO 725	0812 WEMG-42 AL 145	1120 WMAA-29 MS 389 9 E: 1125 WMAB-2 MS 250	1507 XHAO-4 CH 1450
2000 KDLO-3 SD 1045 2311 WPTV-5 FL 1035 25 Es 1636 KPRC-2 TX 1305 KTBS-3 LA 1105 2315 WLRT-3 MS 960 1642 KATC-3 LA 1135	08 30 WSLA-8 AL 225 09 10 KATV-7 AR 45 9		Ss 0953 XHRPM-2 CH " 0955 XHAO-4 CH "
KXAS-5 TX 1235 2322 KATC-3 LA 1135 1644 KJAC-4 TX 1240	1100 WETV-30 GA 113	1140 KETS-2 AR 459	1105 TR-2 Cuba 900
2029 <u>KRIS-6 TX 1490</u> 2326 KTVI-2 MO 725 1859 WMAB-2 MS 865 Corpus Christi 2330 KQTV-2 MO 935 26 Es 0859 WWL-4 LA 1075	1120 WKPT-19 TN 206 Es 1328 WLBZ-2 ME 1188	Es 1323 KAMR-4 TX 1036 1325 KTXT-5 TX 1116	1305 KPRC-2 TX 784 1310 KMOL-4 TX 981
2059 KPRC-2 TX 1305 2336 WMCT-5 TN 820 WESH-2 FL 885	1916 TR-5-5 Cuba 900	1453 WCBS-2 NY 750	1315 KENS-5 TX "
8 Es 0951 KFDX-3 TX 1280 14 kg 0000 WEDU-3 FL 985 0920 WERZ-2 LA 1095 0917 TR-2 Cuba 1325 0004 WREL-3 GA 750 KATC-2 LA 1135	1917 ICR-2-2 * 845 1924 <u>TR-4-4 Cuba 890</u>	1454 WGBH-2 MA 995 1456 WNBC-4 NY 750	1358 KMID-2 TX 1123 1700 CKCY-2 ON 1005
1047 WHRZ-2 LA 1045 0030 WESH-2 FL 885 0959 WKRG-5 AL 965 1058 WEAR-3 FL 950 0102 KYTV-3 MO 910 WRHL-3 GA 750	Camaguey	1500 WBZ-4 MA 995	1706 WGBH-2 MA 995
1059 WTYY-1 AL 840 15 Ms 1200 XXPM-2 CH 1760 1030 WEAR-3 FL 950	1927 WTVJ-4 FL 776 1930 WPBT-2 FL "	1501 WCVB-5 MA " 1510 WCSH-6 ME 1056	1709 WLBZ-2 ME 1188 1712 WCBS-2 NY 750
1130 WKRG-5 AL 965 Ciudad Juarez WSB-2 GA 660 1152 WTVJ-4 FL 1100 (I.D. slide had both 1058 WDSU-6 LA 1075	1940 WPTV-5 FL 709	1533 CBFT-2 PQ 1086	1727 WKTV-2 NY 940
1158 WPET-2 FL " U.S. & Mexican) 1230 WABG-6 MS 890	ICR-6-6 840 2010 XHAO-4 CH 1450	1534 WLBZ-2 MB 1188 1543 CHSJ-4 NB 1378	1729 CKRN-4 PQ 1263 1731 CBFT-2 PQ 1086
(unable to read last word-wd) "Quite a bit of Es activity noted here in June. I just wish I knew the iden-	XHGE-5 CA 1430 2102 XHRIO-2 TM 1245	1602 WABI-5 MB 1188	1745 WPTZ-5 NY 1065
tity of the spanish speakers on the 19th. Tentatives include XEPM-2, WKAQ-2, Color Vision (from the Dominican Republic) on ch.2. The 7th was the most in-	2110 XHAJ-5 VR 1375	1650 CKC0-2-2011023	1750 CFCM-4 PQ 1246 1805 KTCA-2 MN 1008
tensed Es here with 4 hours of solid FM Es to the top. I suspect it reached	2118 XHGV-4 JL 1750 2130 KMID-2 TX 1123	1705 WIVB-4 NY 794 1708 WIVH-5 NY 995	1806 KGFE-2 ND 1359 1810 WCCO-4 MN 1008
highband someplace. 73's and may there be continuous Es and 800 mi. Tr all through July." (I'm for that-wd)	2222 XEFE-2 TM 1100	1745 CKCY-2 ON 1005	1815 KSTP-5 MN *
	3 Es 1138 XEPM-2 CH 1430 1140 KDBC-4 TX 1425	1801 CFCL-2-2 1300 1802 CICI-5 ON 1238	1817 KXJB-4 ND 1359 1825 KGAN-2 IA 712
George Rogers; 320 Lafayette Rd., Chickamauga, GA 30707 EDT Here is my report for Eastern TV-DX. As you can see I have been real busy	1500 TR-2-2 Cuba900	Sudbury (exCKSO)	1850 KFYR-5 ND 1472
with TV DXing. I have had Es on TV for 22 days in a row and 25 out of 27 days	5 Ks 1036 XHD-4 TM 1350 1041 KPRC-2 TX 784	1803 CKNY-6 ON 1226 (was on ch.10)	1855 KXON-5 SD 1160 1905 KPRY-4 SD 1330
in June. (Send some of it up herewd) Equipment: RCA 12" portable, model AFR-246-W. All times EDT. (George, perhaps next month you could mention your	1054 KGHT-4 TX 1250	1805 CKPR-2 ON 1348	1915 KPLO-6 SD 1350
antenna setup and preamps you use. I'm sure some Diers are dying to know	1152 KMID-2 TX 1123 1200 XEPM-2 CH 1430	1806 CHLT-5 ON 898 1810 CKRN-4 PQ 1320	1920 KTIV-4 IA 1095 1939 KIVV-5 SD 1445
more about this part of your setup.wd)	1225 KDBC-4 TX 1425	1815 CHOT-4 ON 1246	1942 KUSD-2 SD 1120
42	1330 KWAB- TX 1083	1825 WTOM-4 MI 888	1950 CKTV-2 SK 143

Foete:	m ጥV-	-DX	,	Geor	øe Re	gare.	cont:	i nued:			AUGUST KXAS-5 TX KEPM-2 CH KDBC-1 TX WESH-2 FL WIPM-3 PR Mayaguez (local WR WEDU-3 FL WIVJ-4 FL WIVJ-4 FL WIVJ-5 FL WIVJ-5 MA ICR-2-2 MS WCBS-2 NY WCBS-1 NY WNEW-5 NA WCBS-1 NY WNEW-5 NA WCBS-1 NY WNEW-5 NA WCSH-1 NE KOA-1 CO KDUN-2 NE KNOP-2 NE KNOP	1982
June	1982		Ji	ne :	1982°	BC13,	COIL G.		June	1982		
10 Es	2000	KYCU-5 WY	1369 1	Es	2019	WCSH-	6 MR	1056	22 Es	0856	KXAS-5 TX	821
13 Tr	0805	KARK-L AR	150		2025	WINE-	6 MA	930		0915	XEEPM-2 CH	1430
11 14	000)	Tittle Re	747 14	ረ ጥ ሎ	0910	WATT	36 G	1263		0920	KDBC-4 TX	1425
	0807	DICCIE IN	T 1	7 80	1256	KMOI -	L my	282		1050	WESH-2 FL	535
	0007	MALITY TO A		, 193	1200	WALD.	O TO	11.22		1051	WPBT-2 FL	776
	0070	VIUA-II W	r		1220	VMTD-	2 77	11.20		1052	WIPM-3 PR	1770
	0372	METS-2 AR	<u></u>		1330	ALL M-	Long	17.05			Mayaguez	
	TODO	VELC-A VE	كلات		T340	AUDU-	4 IA	1427			(local WR	(B off)
		Arkadalph	ia		1347	MELN-	4 (0	1203		1054	MEDIT 3 RT.	574
	1105	WKNO-10 T	N 322		7005	KNOP	2 NR	1180		1057	WT VT_L ET	776
	1107	WIWV-9 MS	275		1617	KUSD-	2 SD	1120		1300	MATURY AND	720
		(now WIVA	-wd)		1620	KTIV-	4 IA	1095		1100	WULK-O LP	77.00
Es	1305	KACB-3 TX	1046		1633	KDLO-	3 SD	1285		1144	KUSD-2 SD	1120
	2005	WJXT-4 FL	465		1914	KDIX-	2 ND	1572		1527	WGBH-2 MA	995
Tr	2132	WBBJ7 IN	260		1955	KCFE-	2 ND	1359		1529	WCBS-2 NY	750
	21.35	WKS0-29 K	Y 160		1957	WP BT-	2 FL	776		1540	WLBZ-2 ME	1188
12 Es	1412	XHRPM-2 C	1 1450		2005	CKX-5	MB	1515		1542	WCVB-5 MA	995
	1416	XHAO-4 CI			2015	KEYR-	5 ND	1472	23 Es	1245	ICR-2-2	845
12 Ra	1112	KMTD-2 TY	7722		2017	KYID.	NID	1220	_	1915	WLBZ-2 MR	1188
77 22	11,01	KATTI 2 OD	755		5071	KIN	T MD	453		1917	CKCH-2 NB	1375
255	エマムマ	RATU-2 UR	<u>€271</u>		2023	ET AA-	שפיכ	1217		1920	CHS.I_L NR	1378
	/ A TOO	POPULATIO	~		2745	VMCM-	2 00	+34.		1021	KYCULK WY	1365
	(AHC	Turz Meek	, znr .) , ,	CC122	VOKR-	ר שיי מוֹח	1743		1020	AHAU- II VIII	14.50
	dela	yed)	73) ES	TEO.	AGBI-	+ TX	1242		+222	ALIMO E CI	11.50
	1427	KNOP-2 NB	7780		0833	XHWO-	+ CH	1450		1050	ALUE-7 UA	173U
	2102	KDIX-2 ND	1572		0912	KRGV-	5 TX	1250		エスンン	AHHPM-2 CI	1 1470
	2103	CHFD-4 ON	1348		0915	KPRC-	2 TX	784		2025	WGBH-2 MA	292
	2105	CICI-5 ON	1283		0931	XHCE-	5 CA	1430		2030	WCBS-2 NY	750
	2124	WFRV-5 WI	799		0934	KMOL-	4 TX	981		2053	WINDC-4 NY	н
	21.25	WTOM-4 MI	888		1105	KMID-	2 TX	1123		2056	WNEW-5 NY	#
	2127	WRAY-2 WT	799		1800	XHRP M	-2 CF	1 1450	2	2059	WLNE-6 MA	935
	21 55	KTCA-2 MN	1008		1827	KOAA-	5 CO	1259		2105	WCVB-5 MA	995
יא או	2830	WI.PZ_2 MR	1188		1830	KWGN-	2 00	1317		2107	WBZ-4 MA	N.
T-4 D2	0820	MINELS IN	7700		1833	KCKT-	2 KS	ONE.		2135	CBFT-2 PO	1:086
	0032	CODEL -5 P	4 TATA		1830	KO A-F	ັຕົ	1217	24 Es	1339	XHRPM-2 CH	1 1450
	ء ما، ج	MD E Cuba	,000		1851	KRMA	ഹ്ന	T)T/		1346	XHAO-4 CH	_#_
	1047	TR-5 Cuba	900		1817	YH7-2		3.500	25 Rs	1258	KMGM-2 CO	1217
	T047	M BL-5 LT	770		1000	KNOD-	O MES	1180	_,	1315	KDTY-2 ND	1572
	1048	MIA1-4 LT	"		1000	MAIN -	L NE	TT00		1355	KAMPU-3 MA	1576
	1100	WESH-2 FL	535		1907	VIOU-	THE P	7720		1360	KNIOD O MIS	1100
	1105	ICR-4-4	840		エンナン	MINUT -	_ NB	1100		11177	MOL-5 NE	1100
	1304	KGBT-4 TX	1245			XXW-2	ן אַנע. באַנע.	LODU		7410	ADUN-4 NE	1330
	1307	XHD-4 TM	1350		2232	KAMK-	4 1X	1030		7500	MA-4 CO	1317
	1330	XHGE-5 CA	1430 L) KS	1125	KWGN-	2 00	7777		¥232	KOAA-5 CO	1259
	1332	XHGV-4 JL	1750		2012	KFYR-	5 ND	1472		1705	KPRC-2 TX	784
	1340	KRGV-5 TX	1250		2027	KDIX-	2 ND	1542		2141	XHRIO-2 Th	1 1245
	1516	XHRPM-2 CI	1 1450		2030	KTWO-	2 WY	1574		21.57	KGBT-4 TX	1250
	1820	XHZ-5 OR I	L500		21.05	KDUH-	₩ NE	1338		2200	KMID-2 TX	1123
		R1 Zamorar	10		2115	KOA-4	CO 3	1317		2202	KRGV-5 TX	1250
	חיוא ר	YHCC-5 DR	1850		21.35	KCKT-	2 KS	984	26 Es	0933	KWGN-2 CO	1317
	1850	AEM-3 DE	T# 70		2140	KOAA-	5 CO	1259		0934	KOAA-5 CO	1259
15 80	1655	KAMO S MA	3 57k		2145	KNOP-	2 NE	1180		0948	KTCA-2 MN	1008
בם גם	1656	TIMOD O MID	1180 2) R.c	0928	XHFM-	2 VR	1400		1010	WCBS-2 NY	750
	1070	MANUEL S INTO	1228		1328	ICR-2	-2	845		1030	WGBH-2 MA	995
	T023	VIVIL	1330		1456	KMTD-	YT C	1123		1038	XHRPM_2 CH	เ า์น _ั รก
	T.503	KWGN-2 CO	131/		7 501	KAMB_	L TY	1026		1120	WR7-L MA C	05
	1720	KRYH-2 ND	1472		1513	K MUA	A TV	2070		1130	WCVP_5 MA	777 M
	1735	MOMI-6 WE	987		1525	KMCN -	2 10	710		1135	CECT - 6 ON	1226
	1740	KTIV-4 IA	1095		1720	VACES-	2 00	171/		11100	CICL-O UN	1330
	1745	KPLO-6 SD	1350		7535	MOKE T	~ ~	00).		11.50	WLDGE / ME	1100
	1805	KXON-5 SD	1160		T220	KCKT-	2 82	904		1170	MCSH-0 WR	1056
	1810	WOI-5 IA	366		TP00	KYCU-	2 MX	T369		1500	WNEM-5 MI	714
	1820	WDAY-6 ND	1283		2010	KDLH-	3 MN	1163		1205	WJIM-6 MI	703
	1822	KXJB-4 ND	1339		2018	KID-3	ID	1975		1210	WTOM-4 MI	888
	1824	KUSD-2 SD	1120									
	1825	KPRY-4 SD	1330		2028	KT VO-	3 MO	664		1230	NUSD-2 SD	TT50
	1005	KOA-4 CO	1317		2029	KINE-	3 NE	1120		1235	KSTP-5 MN	1008
					203Ó	KMTV-	3 NE	984		1240	KBJR-6 MN	1163
	1710	KOAA-5 CO	ユイフソ		2033	KIMT-	3 IA	988		1255	WFRV-5 WI	799
	1932	WBZ-1+ MA	777			KUSD-				1336	KXJB-4 ND	ร์ วัวล
	1934	CKCY-2 ON	1002			KXON-				์ วัจจั	CKPR-2 ON	1368
	1935	CICI-5 ON	1238			KTIV-						
	2000	WCVB-5 MA	995							1222	CHNB-4 ON	7750
			20/5		2110	KOAA-	2 00	7579		1300	CJIC-5 ON	1002
				L Es	2042	_ //Air) //	2 IA	/12		13/10	KGFE-2 ND	+358
4	2013	WLBZ-2 ME WCBS-2 NY	750 2	2 Es	0855	KMID-	2 TX	1123		T)45	CHFD-4 ON	±3 40
7 -17	الساسية		-									

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August 1982
gestern TV-DX
                              George Rogers: continued ---
                                                                    June 1982
June 1982

June 1982

June 1982

June 1982

ZO Es 1347 CICI-5 ON 1238 ZO Es 1400 CBWT-2-4 MB 1380 Z7 Tr 1100 WCFT-33 AL
      1357 CKX-5 MB 1515 27 Tr 0135 WJTV-12 MS 385
Jackson
                                                                                            203
                                                                           1130 WCBI-4 MS 263
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Top 10 Es TV stations for 1982 as of June 27: 1-KMID-2, 2-KWGN-2, 3-KUSD-2, 4-KOA-4, 5-XHAO-4, 6-KNOP-2, 7-KTCA-2, 8-XHRPM-2, 9-KPRC-2, 10-XEPM-2.
1-23 times, 2-22, 3-5 12times, 6&7 11 times, 8-11times, 9&10 10 times.

At the halfway point of the DX season it looks like a dogfight between KMID-2 and KWCN-2 for the number one spot on my Es hit parade. My run of 22 days in a row with Es on TV ties the record set by Pat Dyer of San Antonio, TX set in 1980. You see if any TV DXer had a run of more than 22 days of TV is in a row and let me know. (Follow the results in the VUD, it's all there.-wd). Total stations to date 548. I hope for hi-band Es (don't we all-wd) or Ms later on this season. Remember, in 1982 DX will come thru!

William J. Draeb; Ellis St. R.R.#2, Kewaunee, WI 54216 CDT I received a number of late reports and they will be in the VUD next month. One report from Robert Ross postmarked June 29 didn't get here until July 8. They must have sent it by dog sled. hi! I recall one report received from one of the east coast DXers I received with a San Francisco postmark. It got here by the 1st of the month but I keep wondering why it had to go way to the west coast first. No wonder the post office dept. is going broke.

CDast III;	sc. No wonder c	ne post or.	rice debre is go	1982 1984 1982 1984 1982 1984
Tune 1082	_	1982 and	J	une 1982
5 Re 1120	KMID_2 TY 1176 3	9 Tr 0708 v	JK BN - 27 OH 420 Ī	5 Es 1941 KOTV-6 OK t
6 Tr 0737	WEST MT OO	2040	JBAY-2 off	1944 KDFW-4 TX t
0 11 0/5/	Recens he (ESPN)	20.0	out no Es.	1949 KENW-3 NM t
	W62 MT OO	10 Es 1850	KORT-3 OK 786	1959 KLNE-3 NE 669
	Facenaba (WCN)	10 113 1070	KMID-3 dX +	KOA-4 CO 952
P= 1010	ESCRIPTION (MORE)		KANG-E AA A	KWGN-2 CO "
TRS TATO	KENM 3 NM 1103		KDRW_L TY +	KBMA-6 CO "
1800	VENA-2 NEL TTO2		KEDA"3 WA +	2002 KTVS-3 CO 837
T/20	AMPM-2 On t		WEDN-3 DA 1040	2020 KTVX-4 IIT ±
1771	WHID-S IN TITO		KMU1 - F TX 1013	KUTV-2 UT t
1637	VDWA 3 NW 11EO	1850	MODE IN 1513	2027 KSN B-1-NE +
1031	WILL A SE MA 1739	10)9	WCBD-3 CC 016	2043 KOTA-3 SD 776
TF 2105	WAMA-35 AI 499		WCIV-L SC 910	2048 KYIIS-3 MT +
	WVUT-22 IN 405		MUCCULE SU II	2214 KINIH-4 NE 767
	WUSI-ID IL 402	1028	WEDT 2 PT 1100	(KOTA I.D.)
	MAIR-IA IN 450	11 77 0702	MD10-22 LT 1135	KTWD_2 WV 047
2110	WINDER 1.0 AT +	11 11 0703	W67AI MT 343	2222 KTVV-5 SD t
2110	WALL ON TY 200		Ann Arbor (WITM)	16 Tr 1902 WITTV-29 NY 445
2120	MOONY IT 300	13 Tr 0645	MELT-YF UH PUU	17 Es 1800 KUTV-2 UT 1264
	WAMU-ST AT 6 -	13 11 00 17	WCET-LS OH "	KTVX—4 IIT "
	ALAM-IA LA L	Es 2000	MESH-2 Et 1130	1900 WESH-2 Ft. t
7 72 7 47 5	MVOUT-2T VI C	DD 2000	WSAV-3 CA 933	WSAV-3 GA t
A ES TOTA	אהסטב–2 ביו דדי		WIXT-4 FT. 1039	1912 KOET-3 OK 786
	MEIO-2 LT 1735	2031	WDF0-6 FL 1164	KJRH-2 OK t
	MILET - 5 PT 1037	2002	WILET-5 FT. t.	1928 KAMR-4 TX 991
	WDBO_6 Ft. +	2055	WEDU-3 FL 1192	1929 KENW-3 NM 1103
1 721.	WSR-2 GA 768	2124	WCIX-6 FL 1372	1931 KAVE-6 NM 1228
1/34	WACA_5 GA #	2138	WCBD-2 SC 916	(KVIA-7 I.D.)
1900	WEAR_3 FL 986	14 Es 0816	# # 11	1952 KNME-5 NM t
1700	WKBG-5 AL 967	0838	WSAV-3 GA 933	2005 KWGN-2 CO 952
	WWT I.A 1028]	15 Es 1615	KATC-3 LA 1026	2030 WESH-2 FL 1130
1908	WDSU-6 LA t		KJAC-4 TX 1080	21.30 KOA-4 CO 952
1917	WILET-3 MS 865		WDSU-6 LA t	2134 KFDX-3 TX 945
8 Es 1159	WESH-2 FL 1130	1659	WWL-4 LA 1028	2144 KAUZ-6 TX "
- 23 11//	WEDII-3 FL 1192		KPRC-2 TX 1118	2229 KCKT-2 KS 722
	WJXT-4 FL 1039		WERZ-2 LA t	2248 KDFW-4 TX 957
1 220	WKRG-5 AL 967		KFDM-6 TX t	KXAS-5 TX 972
1230	WEAR_3 FT. 986	1722	KAVE-6 NM t	2259 KTVS-3 CO 837
1233	WSAV-3 GA 933	1726	KTAL-6 LA 910	2303 KRMA-6 CO 957
+233	WIRT_5 Rt. 1071	1730	KTBS-3 LA "	KLNE-3 NE 669
Regr	CRHT-3 NS t	1915	KMID-2 TX t	18 Es 2106 WERZ-2 LA t
9 Tr 0625	MA4A-33 OH #50	1926	KTVY-4 OK 820	2108 WWL-4 LA t
- II 0039	WDAC-67 OH 395	•	KAMR-4 TX 991	2113 WEDU-3 FL t
	MIMA-30 MA PTR		KFDX-3 TX 945	19 Es 2000 KPRC-2 TX 1118
Udva	עצין אַס כביבאַ דער		KARD-3 KS t	KETX-3 TX 1079
4,03	MID OUT ES DY R		KAUZ-6 TX t	More DX next monthwd.ac
	A GENEVA .			2222 KIVV-5 SD t 16 Tr 1902 WUTV-29 NY 445 17 Es 1800 KUTV-2 UT 1264 KTVX-4 UT " 1900 WESH-2 FL t WSAV-3 GA t 1912 KOET-3 OK 786 KJRH-2 OK t 1928 KANR-4 TX 991 1929 KENW-3 NM 1103 1931 KAVE-6 NM 1228 (KVIA-7 I.D.) 1952 KNME-5 NM t 2005 KWCM-2 CO 952 2030 WESH-2 FL 1130 2130 KOA-4 CO 952 2134 KFDX-3 TX 945 2144 KAUZ-6 TX " 2229 KCKT-2 KS 722 2248 KDFW-4 TX 957 KXAS-5 TX 972 2259 KTVS-3 CO 837 2303 KRMA-6 CO 957 KLNE-3 NE 669 18 Es 2106 WERZ-2 LA t 2113 WEDU-3 FL t 19 Es 2000 KPRC-2 TX 1118 KETX-3 TX 1079 More DX next monthwd. 45

Deadline: 9-4-82

Lots of DX this time with the return of the Es season and some super tropo in the southwest. New Mode___ New Tentative - t Unidentified - unid

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260

19 Es 0830 KGFE 2 ND 1058 0832 D-FW U's 21.27 33,39(snow free) 0900 OKC 25,43 380 20 tr 0800 KWEX 41 TX 380 0802 Austin U's 18, 24,36 TX 377 Es 2032 unids 2-5 west 21 tr 0056 KTBC 7 TX 377 22 tr 2303 KTEJt 19 AR 23 Es 2032 unids 2,3 east LS 2035 KTVV 36 TX 377 KLRU 18 TX 377 2040 KVUE 24 TX 377 Es 2041 unid 4 east 2103 KETS 2 AR 644 2130 WDIQ 2 AL 1008 2136 unid 3 east 2148 unid 2 south (XEW network) 24 Es 1228 unids 2-5 1259 <u>KBCI</u> 2 ID 1300 KCRL 4 NV 1008 1350 unid 2(RETMA TP) 1832 CKTV 2 SK 1188 1840 CBKT1t 4 SK 1842 unid 5 1846 KGFE 2 ND 1058 25 Es 1635 unids 2,4 south 1745 unids 2-5 south 1802 "TYM" 2 south (3 above-Span.) 1803 XHY 3 1200 Merida, Yucatan 1806 XHGE 5 1224 Campeche, Camp. ("13" network) 26 tr 0840 D-FW U's 21,27, 33,39 0845 Amarillo 4,7 184 Es 1500 unids 2-6 1502 WOI 5 IA 1600 KTCA 2 MN 1700 KTVQ 2 MT tr 2359 KTBC 7 TX 377 27 tr 0004 KORO 28 TX 505 0006 Austin 18,24,36 0007 KOKI 23 OK 473 0008 KVEO 23 TX 576 0011 KWEX 41 TX 380

0013 KAUT 43 OK 380

0016 Albuque. 14,23

0017-23 Houston 11,

0023 KTBO 14 OK 380

0026 KENS 5 TX 380

13,39

(NOAA wx-barker)

TX 515

27 tr 0028 KGMC 34 OK 380 0030-31 D-FW 4,5 368 0036 KSAT 12 TX 380 0038 KTVT 11 TX 368 0054 K12FM 12 TX 184 0112 K13IL 13 NM 110 0132 KTVY 4 OK 380 380 0134 KOCO 5 OK 0137 X--- 34 Mexico? (XEW network) 0146 KTVJt 16 MO 0148 KGCT 41 OK 473 ms 0152 WNGE 2 TN 968 Es 0220-29 unids 2,3 (no co-channel int.) tr 0258 unid 15 east 0317 WFAA 8 TX 368 0405 KLFY 10 LA 684 9 OK 380 0409 KWTV (CB TP w/call) 0410 KNOEt 8 LA 0412 WAFB 9 LA 743 (ID w/mx & time) 0413 KLTV 7 TX 466 (CB TP w/call) 0415 KTUL 8 OK 473 (CB TP w/call 0416 KWTX 10 TX 368 ("like a local") 0426 KOTV 6 OK 473 (CB TP w/call) 0429 KSLA 12 LA (radar+ NOAA wx) 0433 KIDZ 24 TX 282 0436 unid 19 KGLD-11 s/on (audio) 0436 unid 19 KTXS-12 TP (video) (above 0 KHz to each other) 0440 KOKH 25 OK 380 (CB TP w/call) 0443 unid 20 ene (Indian Head TP) 0443 unid 20 ene (above 0 KHz to each other) 0449 KRIV 26 TX 515 (CB TP w/call) 0450 KGNO 26 LA 819 0500 KCEN 6 TX 368 0500 K55CB 55 NM (Hobbs KAVE-6) (had KCEN-6 on) 0508 WRBTt 33 LA 0830 KLMN 24 AR 540

Es 1835 unids 2,4 north

tr 1842 KVEO 23 TX 576

MDT 27 LS 1853 KXTX 39 TX 2022 KWEX 41 TX tr 2026 KEDT 16 TX 2029 KORO 28 TX LS 2101 KTXA 21 TX 2103 KTWS 27 TX 2107 KNBN 33 TX 29 tr 0800 D-FW 8,21,27,33, OKC 25,43 380 0815 Tulsa 23,41 0815 KLMN 24 AR 0816 KTVJ 16 MO 0820 unid 24 east (KIDZ/KLTS? 0825 KAUZ 6 TX 282 0830 KTEJ 19 AR 0856 KOZK 21 MO 635 0908 unid 20 ne PBS 0915 <u>KMTC</u> 27 MO 635 30 tr 0615 OKC 14,23,43 380 0617 D-FW 21,33,39 0635 KVEO 23 TX 576 0640 X--- 34 Mexico? 0647 KLTS 24 LA 539 0651 KLAA 14 LA 662 0653 K77AQ 77 TX 200 (Estelline KVII-7) 0656 K74CH 74 TX 196 KFDA-10) (Carev 0658 K72BZ 72 TX 196 KVII-7) (Carey 0700 K70DA 70 TX 196 KAMR-4) (Carey 0710 unid 36 east (K36AB?? Lawton) 0717 KLTL 18 LA 630 0722 K56BQ 56 OK 260 (Frederick KWET-12) 0800 KTVT 11 TX 368 (over KCBD-11) 0800 WFAA 8 TX 368 (o/local KSWS-8) 0807 KEDT 16 TX 505 (snow free 0821 KXIX 19 TX 0823 KORO 28 TX 505 5 TX 576 4 TX 576 5 TX 380 0900 KRGV 5 TX 0904 KGBT 0932 KENS 31 Es 2130 KTVU 2 CA 1116 1 Es 0800 WMAB 2 MS 828 0830 WTVY 4 AL 1067 0900 WSB 2 GA 1098 0930 WRCB 3 TN 1035

2 Es 0820 unids 2,3 east

August 1982

Jim Pizzi (continued)	3 tr 0640 Austin 18,24,36	10 tr 2050 K67AX 67 NM 157
	(all snow free)	(Alamagordo KRWG-22)
June 1982	0645 KAMU 15 TX 441	(plus other New
2 tr 2321 OKC 14,25,43 380	0830 KZLN 60 TX 576	Mexico xlators)
2322 KTAB 32 TX 216	0900 San Antonio 4.5.	11 Es 1940 unids 2.4 east
2343 KOKI 23 OK 473	41 TX 380	13 Es 2044 unid 2
2353 D-FW 5.21.39 368	0905 KORO 28 TX 505	14 Es 1730 WLBT 3 MS 772
most vitrs north	0906 KEDT 16 TX 505	1730 WMC 5 TN 784
of this OTH in	4 tr 2258 KVFO 23 TV 576	1800 WDTO 2 AT 1008
2 +m 0008 KAII7 6 TV 282	5 to 0800 KORO 28 TV 505	1820 KETS 2 AB 600
0011 KTEN 10 OK 207	0800 MINO 20 1X 505	15 Fo 1715 unid 2 6
0000 KOMO 3ji OK 380	E- 0900 MED 23 IA 370	1900 trong E M 026
0029 KAKE 40 KG 1/64	ES 0030 KIVU 2 CA IIIO	1000 WARG 5 AL 930
0039 KAKE 10 KS 401	tr 0924 KGIOt 36 AK	1930 WBRZ 2 LA 743
0102 KVEO 23 TX 576	ES 1159 WDIV 4 MI 1260	16 Es 0820-55 unids 2-4 ne
0103 X 34 Mexico?	1159 unid 6 ne(3/4CB)	1300 KDIX 2 ND 936
0116 KIVJ 16 MO 576	6 tr 0923 WLPB 27 LA 743	1828-36 unids 2-6,
0124 KVIJ 8 OK 265	0945 WGNO 26 LA 819	Mexico (non-XEW)
0129 KTUL 8 OK 423	Es 1649 <u>WIVF</u> 5 TN <u>968</u>	1929 <u>XHAO</u> 4 <u>1260</u>
0137 KLTV 7 TX 466	1656 unid 7 ne	2059 WDIQ 2 AL 1008
0212 KO6GF 6 TX 91	1830 WCBI 4 MS 864	2102 WEAR 3(AL) 950
(Clovis KVII-7)	1831 WREGt 3 TN	2130 WTVY 4 AL 1067
(had KOAT-7 on)	1900 KARK 4 AR 644	17 Es 0906 unids 2 Mexico
0600 WAPT 16 MS 772	1931 KCRL 4 NV 1008	(XEW net, 2-ch2)
0600 KLAA 14 LA 662	1933 KTVN 2 NV 1008	1720 KFYR 5 ND 927
0601 K76CR 76 TX 309	2100 KPIX 5 CA	1722 CKYB 4 MB 1148
(Ingram KMOL-4)	2101 KCRAt 3 CA	1729 CKTV 2 SK 1188
0604 K79BT 79 TX 309	2112 KVIE 6 CA 1071	1732 KDIX 2 ND 936
(Ingram KENS-5)	tr 2348 WRBT 33 LA	1740 KXJBt 4 ND
r0610 K82BK 82 TX 309	2350 KADN 15 LA	1803 KPLOt 6 SD
(Ingram KSAT-12)	(282 kW @ 210')	1859 WFBC 4 SC 1206
K77AF 77 TX 294	7 tr 0024 WTBS 17 GA 1098	18 Es 0824 WUFT 5 FL 1274
(San Saba KTBC-7)	(got pictures)	0830 WJXT 4 FL 1300
K74BS 74 TX 294	0026 WITOt 21 GA	0833 WEAR 4(AL) 950
(San Saba KWTX-10)	(are they on??)	0854 WCTV 6(FL)1148
K73CH 73 TX 270	0028 KIDZ 24 TX	1000 WTVY 4 AL 1067
(Junction KENS-5)	(K24AD W/KTRK)	1030 WKRG 5 AL 936
K63AY 63 TX 289	0034 KATV 7 AR 644	1100 WESH 2 FL 1346
(Mullen KTXS-12)	0036 KTEN 10 OK	1100 WWT. 4 LA 819
K65BE 65 TX 300	0038 WYTA 11 GA 1098	1100 WDSII 6 LA 819
(Kimble onty KSAT-12)	0036 WATE 17 GE 1050	1200 WBR7 2 14 713
(had KTYS-12 on)	0056 WTTO+ 21 GA	2000 unide 2 5 Mevico
V60BS 60 TV 280	(VTVA off air)	2120 KDKA+ 2 DA
(Mallin VTRC-7)	0116 unid life and	2120 KDKAC 2 FA
VEEDCH SE TY	0110 WILL 40 EIE	10 Fo 07) E unid 2 cost
(Home CCT MEEDE)	Fo 1020 world 2 pmg	10 Es 0/45 unide 2 ll and
(INA COT VOORE)	ES 1920 UNIO 2 INTE	20 Fo 1000 MAYER 2 CA
(United OZ esse	ער כו איז איז טונככ זיי איז איז איז איז איז איז איז איז איז	1020 MIGG II CA
(UAA COT- VOCDY)	2340 VPTC 2 1V	IUOU MADU 4 CA
-UO33 KOYALT DY IX	2344 KPLU (LA	The following is an ID -6
(nvy cci - k6988)	2340 WGNU 20 LA	the fortowing is an in of
0635 Houston 13,26,	o tr 2045 KLTL 10 LA 630	the mystery shown on 5-27:
39 TX 515	2047 KLTS 24 LA 539	21 tr 0437 K19AA 19 0K 252
June 1982 2 tr 2321 OKC 14,25,43 380 2322 KTAB 32 TX 216 2343 KOKI 23 OK 473 2353 D-FW 5,21,39 368 most xltrs north of this QTH in 3 tr 0008 KAUZ 6 TX 282 0011 KTEN 10 OK 397 0029 KGMC 34 OK 380 0039 KAKE 10 KS 461 0102 KVEO 23 TX 576 0103 X 34 Mexico? 0116 KTVJ 16 MO 576 0124 KVIJ 8 OK 265 0129 KTUL 8 OK 423 0137 KLTV 7 TX 466 0212 KOGGF 6 TX 91 (Clovis KVII-7) (had KOAT-7 on) 0600 WAPT 16 MS 772 0600 KLAA 14 LA 662 0601 K76CR 76 TX 309 (Ingram KMOL-4) 0604 K79BT 79 TX 309 (Ingram KSAT-12) K77AF 77 TX 294 (San Saba KTBC-7) K71BS 74 TX 294 (San Saba KTBC-7) K63AY 63 TX 289 (Mullen KTXS-12) (Mullen KTXS-12) (Kimble cnty KSAT-12) (K19Y CCI - K65BE) unid 82 ese (Hvy CCI - K82BK) 0635 Houston 13,26, 39 TX 515 (all snow free)	2247 KVEU 23 TX 576	(Altus KWET-12)
		(had KTXS-12 on)

Trops have been very rewarding with excellent openings. May 30 translators were in with good levels and KXIX-19 flea power was in fair; while KEDT-16 was close to overloading the AC-4990. June 3 trops brought a new state (KS) and a big haul of central TX translators - most in with very good signals. In the future I will not be reporting stations from Abilene, Austin, Dallas, Ft. Worth, Houston, Amarillo, San Antonio, and Oklahoma City except when snow free; as it seems they're in more often than not. Even though it's DX (out to 500+ miles), repetitious loggings may be boring - comments please? Still getting that channel 34 Spanish XEW network station when KVEO-23 is in strong.

No word from anyone or CCI - another mystery!

First 1000 mile plus trops. What a thrill! I was getting KADN-15 at almost snow free levels, and everything happened quickly after that. Took some pictures - hope they come out OK. Channel 46 a puzzle - could be WANX-46, but I don't know (sent info to CCI). Trops out to 500 miles every day - a lot of gulf moisture making its way up here hope it stays.

I've rearranged antennas - again. On MW-65 tower is Antennacraft 10 element FM (horizontal) @ 65', @ 69' is Finco P-7 UHF with AC-4990. @ 74' is Winegard CH-2073

CDT

Jim Pizzi (continued) (7-13) 10 element with AC-9730 pre-amp. On smaller 37' tower is Winegard CH-2026 (ch 2-6) with AC-9260 pre-amp @ 37' and CM-4250 6' UHF dish with AC-4990 (on order) @ 40'. Now have small conical @ 16' (no amp) on small mast along with channel three 5 element vertical and channel six 5 element horizontal. On another 20' push-up mast, now have channel 7-13 yagi (no amp) @ 20' along with 10 element channel 2 yagi, 10 element channel 5 yagi, and @ 26', 10 element Antennacraft FM (vertical) into Jerrold DSS-FM pre-amp.

I'll be putting up at my office an all-band VHF (2-13), so maybe I'll catch some DX there.

Es has been hot and heavy so far this June - most of my activity has shifted to the FM band during intense openings. Trops have been off somewhat since June 11, but Es has kept me very busy. Till next time. Best of DX. Jim

(A very interesting report Jim. I remember well the thrill of seeing 1000+ mile UHF; even though it has been many years. You have a QTH and equipment set up which I believe would be the envy of any TV DX'er. With regard to your comments about reporting repetitious loggings; I would just say that stations that are regularly received are not DX regardless of the distances involved. 500 mile or even 300 mile loggings are DX at my QTH, but in light of your reports, they may not be at your QTH. The suggestion which I would make to all reporters to the VUD is to give enough information so that the reader gets a good idea of what normal conditions are at your QTH, and then report mainly what you believe to be exceptional. fm)

James Stiles, CFAo/NAFK, Box Su/LR ADP, FPO Seattle, WA 98770

JST

Here's another report from Okinawa. All times JST. Details on the FM loggings have been sent to Northern FM DX column.

May 26 - 1700-1830: Armed Forces Korea Network, channel 2, Seoul and Chinese channel 2, Peking were both quite strong. The Chinese video signal is 2.5 MHz higher than the Korean (U.S. standard) video signal so there was considerable CCI, but at times both stations were strong and clearly identifiable. I got several pictures of the Chinese test pattern - ID slide which consists of a circle with 24 hour digital Peking time on the bottom and the Chinese characters for Peking on the top. At 1830, the test pattern was replaced by a Chinese-English language instruction program. Additional Chinese stations on the same network were observed on channel 3-6.

May 27 - 1145-1230: AFKN, channel 2, in Seoul and AFKN, channel 6, in Munsan. FM broadcast stations heard as high as 106.5 MHz.

May 27 - 1800-1900: Chinese channel 2,3, and 4 on Peking network, all with similar test pattern.

May 28 - 1115-1200: AFKN, channel 2, Seoul and channel 6, Munsan, with Chinese stations on channels 3,4, and 5. FM broadcast stations from Korea as high as 107.1 MHz.

May 28 - 1700-1800: AFKN, channel 2, Seoul and Peking channel 2.

May 29 - 0930-1300: Chinese stations on channels 2-6. Chinese FM as high as 102.5 MHz.

May 30 - 1200-1300: AFKN, channel 2, Seoul. Korean Broadcasting System channel 4, Cheongju and channel 5, Seoul. North Korean channel R3 (on U.S. standard channel 5 and part of channel 6) was observed with strong signal. Video was unreadable due to CCI, but audio was in the clear. Programming consisted of political commentary (my wife made the ID).

<u>June 12 - 1300-1500:</u> Very strong and steady signal from DWWX, channel 2, Quezon City, Philippines with religious programming dubbed in Spanish. The show was a tape of a U.S. program, and phone numbers within the states to call to make pledges were seen. After 10 minutes, AFKN, channel 2, Seoul replaced this station. Also, KBS channel 5, Seoul was observed with a high school baseball game.

All the above loggings are via Es. On nearly a daily basis, Es is observable on channel 2 and at least half the time skip is seen as high as channel 6 and extends through the FM band. However, in nearly all cases, the openings begin with AFKN channel 2 and as the MUF rises, the skip shifts westward with the Chinese stations being more favorably received. I am hoping to be able to report reception of stations from additional areas as the summer progresses.

Ronald Purdue, Route #1, Box 224, Byron, MN 55920

Equipment: RCA 1982 XL-100 color, J.C. Penney 5" b&w portable, Archer VU-120 with coaxial lead-in, Winegard AC-9880 preamp at 28' AGL.

May 1982			
30 tr 0722 WLRE 26 WI 222	6 tr 1038 WTVO 17 IL 218	20 Es 2000 KOAA	5 CO <u>730</u>
0736 WHRM 20 WI 155	1054 WPNE 36 WI 222	25 tr 1624 WKOW	27 WI 168
0740 W55AP 55 WI 55	Es 1620 KGBT 4 TX 1280	2101 WHA	21 WI 168
(River Falls WHWC-28)	(MUF 99 MHz)	26 Es 0930 KPRC	2 TX 1005
0748 KRIN 32 IA 118	1627 XEFE 2 TM 1217	tr 2101 WSAW	7 WI 155
0751 KMEG 14 IA 218	1834 KMID 2 TX 978	2105 WVTV	18 WI 237
0758 KDUB 40 IA 145	7 Es 1900 WTVY 4 AL 963	2107 WISN	12 WI 237
June 1982	8 tr 0715 WFLD 32 IL 288	2109 WMVT	36 WI 237
6 tr 0725 KRIN 32 IA 118	13 Es 2114 KUIV 2 UT 1047		

Wow! It has been a mixed bag for E-skip and tropo DX! It seems that E-skip and tropo occur on the same day! I took the RCA XL-100 in on the 7th of the month, and the TV serviceman put in a new VHF-UHF tuner package due to a defective UHF tuner. I am thinking seriously of replacing my Archer VU-120 with a hi-gain Winegard CH-7084 antenna.

Don't expect WFBT to go on this summer. They have run into a delay, and I believe they have to build a new building for a studio. WFBT personnel were looking for a building to remodel into a studio, but didn't find a suitable building.

By the time you read this, KTMA-TV in Minneapolis should be on or about on. They are planning STV in the evening using ON-TV service. I have been reading in the Rochester Post-Bulletin that there are TVQ microwave pirates in the Minneapolis-St. Paul area. I suppose they will pirate the ON-TV services of KTMA soon.

In the June VUD, I mentioned the propagation mode for KTIN was As. By that I meant AS or "aircraft scatter." I made a goof when I typed up that report! By the way, when will a "TV Statistics" column appear in the VUD? That's it for now. 73 and good summer DX.

(Thanks for the report. I can't help you with your question about a statistics column. It would be nice to have one again. I assume that if someone would take on the responsibility of preparing it that it would be published. fm)

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

June 1982 6 Es (MUF 96.1 @ 1653 -TX)	16 Es 2058 unid 2 south NBC (Spanish CCI)	25 tr 0700 KTIN 21 IA 305 Es 2258 KATU 2 OR 1240
1700 KFDX 3 TX 900	17 Es (MUF 105.5 @ 1950-LA)	26 Es 0009 unid 4 west ABC
(MUF 105.1 @ 1732-TX)	2031 KFSM 5 AR 795	tr 0046 WXOW 19(MN) 340
1836 KENS 5 TX 1220	2033 unid 4 NBC	Es 0559 WMAR 2 MD 1135
1900 WFMY 2 NC 1150	(MUF 106.1 @ 2040-TX)	tr 0700 WLEF 36 WI 315
7 tr 2300 KRIN 32 IA 395	(MUF 107.5 @ 2131-LA)	0700 WHWC 28 WI 270
8 tr 0629 <u>WVTV</u> 18 WI <u>505</u>	(MUF 107.7 @ 2316-AL)	Es 0828 unid 2 CBS
10 Es 2000 WDIQ 2 AL 1195	18 Es 0038 WAVE 3(IN) 810	0859 WCBIt 4 MS
13 Es (MUF 92.3 @ 2051 -TX)	0044 WDTN 2 OH 800	0952 unid 4 NBC
2059 KENW 3 NM 965	0100 WSAZ 3 WV 935	0959 KMID 2 TX 1060
15 Es (MUF 104.3 @ 1951-TN)	0117 <u>WTAE</u> 4 PA 960	1059 KETS 2 AR 890
2000 WAGA 5 GA 1115	0125 KDKA 2 PA 945	(MUF 89.9 @ 1126 -FL)
(MUF 104.5 @ 2039-)	0130 WKYC 3 OH 835	1200 WTVY 4 AL 1240
2159 WSAZ 3 WV 935	0144 unid 6	(MUF 105.3 @ 1208-GA)
2200 WDTN 2 OH 800	0200 WMAR 2 MD 1135	1235 unid 4 NBC
2200 <u>WBBM</u> 2 IL <u>570</u>	1007 WBRZ 2 LA 1185	(MUF 92.3 € 1344)

June seemed to be quite good for Es. I have been experimenting with some success with a system for cancelling the local KXJB-4 signal at the input to my receiver in order to identify Es signals. I have seen a lot of pictures, but only a couple solid ID's. It does look promising, however, and it should result in some growth in my log book on channel 4. I am also interested in doing the same with channel 6, WDAY, but they are stronger, and of course. Es is somewhat less common and weaker at that frequency.

The weather has often looked like it should cause some tropo ducting, but not much luck. It was nice to see Milwaukee TV for the first time on the 8th. That morning looked very promising with a number of Iowa and Wisconsin stations in, but I had to go to work; so I don't know if anything spectacular developed.

The column is of good size this month, but believe me, I would be happy to have many

more DX reports. If you are SEEing it, TELL us about it.

WF UTLITY DX

Donald L. Blevins 499 Monterey Avenue Odenton, MD 21113 phone: 301-551-8623

IN SEARCH OF PSB.....UTILITY DX

Hank Hol	brook 7211 Ch	estnut St	reet Chevy Chase, MD 20815	•••••
4/19				
0124	CG 41471	157.15	Mouth of Rhodes River, MD	Coast Guard Vessel
4/25	WXW 7470	157.10	Chester River-Kent Narrows,	MD LUV TOO
5/2				
1422	WYQ 6127	156.80	#71 Channel Marker	A NET
1452	WXZ 8311	156.80	2 miles NE of Herring Bay	SWEETIE TOO
			• •	
5/23			*	•
1458	WSZ 5729	157.15	Tilghman Creek, MD	TWO BELLIES
E /2/				
5/24	WSZ 5729	156 90	Co. Markarda MD	CO MICHELI C HARRON MARINA
	W97 2178	156.80	St. Micheals, MD	ST MICHEALS HARBOR MARINA
5/29				
0145	WYR 2395	157.10	Falesville, MD	REVERIE
0228	WZH 2360	157.30	Herring Harbor Marina, MD	EMISTIC
1746	WYN 7461	157.30	Annapolis, MD	YANKEE DOODLE
1802	WYC 4609	156.80	Choptank River, MD	YANKEE DOODLE II
			•	
5/31				
0100	WXL 4187	157.30	Mid-Chesapeake Bay, MD	MOONPIE
Donald L	. Blevins 499	Monterey	Avenue Odenton, MD 21113	
6/26/82				
1043	KAA 204	42.06	Saint Joseph, MO	Highway Patrol
1043		42.06	Emo, Ontario	Ontario Provincial Police
1043	KDK 617	39.50	New Roads, LA	Pointe Coupee Parish Sheriff
1044	KKC 747	39.50	Alexandria, LA	Rapides Parish Sheriff
1046	KKA 818	39.50	Cameron, LA	Grant Parish Sheriff
1046	KKA 781	39.50	Arcadia, LA	Bienville Parish Sheriff
1046	KKC 520	39.50	Coushatta, LA	Red River Parish Sheriff
1100	KTZ 370	37.26	Whitehouse, TN	Police Department
1100	KIJ 581	37.26	Sevierville, TN	Sevier County Sheriff
1153 1153	KAB 302 KAA 522	42.06 42.12	Jefferson City, MO	Highway Patrol
1153	KAA 202	42.12	Willow Springs, MO Lees Summit, MO	Highway Patrol Highway Patrol
1158	KIC 889	37.26	Lebanon, TN	Lebanon County Sheriff
1200	KAA 270	42.06	Poplar Bluff, MO	Highway Patrol
1205	KSB 234	42.60	Du Quoin, IL	State Police
1205	KSA 939	39.50	Marion, IL	Police Department
1207	KSC 813	42.42	Fort Wayne, IN	State Police
1212	KSA 775	42.60	Macomb, IL	State Police
1213	KKC 227	44.62	Little Rock, AR	State Police
7/3/82				
0910	KNAA 582	159.135		State Police
0911	KGA 815	154.665	State Roads, DE	State Police
0912	KIC 367	159.165	Culpeper, VA	State Police

William R. Hepburn C/O 1950 Monreal Road Cornwall, ON K6H 6L2

2/8/82 1800	XLM 300	162.55	Montreal, PO	Weatherradio Canada
2/10/82 1840	VDQ	161.65	Cardinal, ON	Cardinal Coast Guard
2/11/82	VFN	161.65	Montreal, PO	Montreal Coast Guard
3/5/82 1903	VZM	108.1	Cornwall, ON	Training VOR

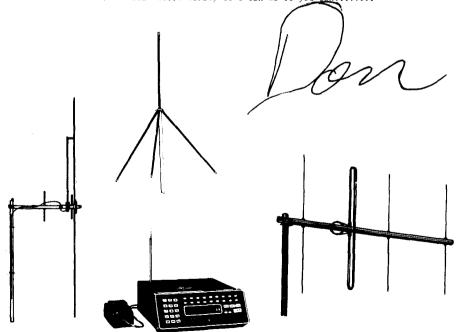
Thomas J. Yingling, Jr. 221 Pinewood Road Baltimore, MD 21222

6/7/82				
2002	KSB 233	42.62	Elgin, IL	State Police
2004	KSG 897	42.56	Litchfield, IL	State Police
2030	KGJ 616	39.50	Spotsylvania, VA	Spotsylvania County Sheriff

Well that's all folks.....

I must remind you that I am out of material for the time being....I have exhausted all my material submitted to me for the feature. I am hoping that you will submit material for the August issue. I know there has been some good DX in the las two months. Why not spend some time with your scanner and let your fellow members know what is going on?

Please remember that all the DX logged by this editor is with a screw in whip supplied with the reciever(a Bearcat 210). Surely if I can do it you can......



METEOR BURST COMMUNICATIONS SYSTEMS

We have been studying meteor scatter for some time now. Many of us have seen it and logged several distant stations by it on television and FM radio. Although a curious as long as the master signal's strength mode of propagation, one question arises: Of what practical value is it?

It was suggested as far back as 1951 by V. C. Pineo (National Bureau of Standards. Nov., 1951) and D. W. R. McKinley (cf. McKinley. "Meteor Science and Engineering. McGraw-Hill Book Co., Inc., 1961) that meteor scatter could be used for communications. In 1963, test signals were transmitted from Cedar Rapids. Iowa to Sterling, Virginia, a distance of 750 miles, at a rate of about 4000 words per minute. This project demonstrated the feasibility of a meteor burst communications system.

There are several reasons for this interest in meteor burst communications. While lower radio frequencies are capable of beyond-line-of-sight (BLOS) reception due to the ionosphere, they are also overcrowded. Meteor scatter provides a means by which the messages being sent. higher frequencies are capable of BLOS reception, avoiding a complex and expensive system of microwave relays. Another reason hydromet (short for hydro-meteorological in technology, specifically microprocessors and inexpensive solid-state memory systems. Which make a meteor burst system feasible.

The military also found advantages. During a nuclear war satellite relays and HF signals could be disrupted, but MS would still be feasible. Two other factors which make MS useful, even during peacetime, are Low Probability of Intercept (LPI) and Antijam. LPI is brought about by the fact that messages are transmitted only during the short lifetime of a useful trail, and is received only in a small area, or "footprint." which includes the receiver. And since communications would take place on higher frequencies where BLOS reception is not possible, it would be more difficult for the enemy to jam the signal.

Three types of communications systems are feasible by meteor scatter: point-to-point, netted, and broadcast. The point-to-point system calls for a master station, which transmits a steady signal, and a slave station, waiting for a properly oriented trail toreflect that signal to it. While waiting, messages are fed into its memory

system. When a useful trail is produced. the slave station will pick up the master station's signal, activate its transmitter. and send messages to the master station for remains above a minimum tolerance. When the master signal becomes too weak, the slave station shuts off. waiting to continue its message where it left off when the next useful trail is produced.

There is some degree of error and message loss in such a system. The closer the two frequencies are, the greater the interference between them. The farther apart they are. the greater the chances of the slave station receiving the master signal and transmitting messages when the slave signal has already faded out at the master station. The tolerable signal strength from the master station is another factor. The weaker the tolerated signal strength, the more likely the master station may not be able to receive the slave signal. Requiring a stronger signal to activate the slave station will mean fewer

A netted system is being built by the Bonneville Power Administration, called a for current interest is the current progress telemetry network). This system will monitor, five slave stations around the northwestern United States, receiving coded information about stream levels, precipitation, date, and time, on a short message of 0.1 second duration.

No significant work has been done yet on a broadcast system of any sort. Such a system would require a transmitter constantly. transmitting messages of short duration. It would probably take several meteor trails before any receiving station could obtain the message in its entirety.

An interesting method for amateur radio communications is described by James D. Stewart, WAAMVI, in his book, VHF Radio Propagation, printed in 1978 by Howard W. Sams & Co., Inc., and in an article in the December, 1977 issue of OST. Two amateur radio operators would agree ahead of time to attempt to communicate at a certain span of time on a certain frequency. With their clocks synchronized, one would transmit during the first and third quarter of each minute and the other would transmit during the second and last quarter. When one of them hears the other's signal being reflect-

ed from a meteor trail he then includes a code describing the extent of his reception. They both continue transmitting call letters and codes until both sides can hear one another's code, letting them know that both sides are confirming reception.

Meteor scatter has been used in other ways than sending coded messages. In 1957. RCA experimented with sending low-resolution facsimile black & white images on a 27 kHz band for a distance of 910 miles on 40 mHz. Raytheon Corp. has been monitoring television broadcast stations from distances of 600 to 1300 miles by means of meteor bursts. (This would be an interesting subject to report on. If I can get more on this, and I think I can, I'll report on it. I wonder if anybody has looked into FM stereo and meteor scatter.)

SHOWER METEORS FOR THE NEXT FEW MONTHS: Although this issue will no doubt reach you too late for the Perseid meteor shower's peak. I thought it best to provide a few statistics for you to compare with your loggings. The shower was to peak around noon. EDT on 8/14/82. But with the radiant at its highest around 5:40 a.m. local time. best results should be in the early morning hours of 8/14, with results not quite as good on the morning of 8/15. The shower is the result of particles breaking off from comet Swift-Tuttle, which has a 120-year orbit. The exact figure could be off by a few years. Since it last was seen in 1862 (in fact, its only appearance), it should be due this year or within the next few years. To date, it has not been seen yet. Spectular showers have appeared in the past during years supposedly right after the calculated perihelion. With perihelion ready to occur at any time, perhaps we can look out for a spectacular within the next few years. This could possibly explain the increase in the rate of the perseids over the past few years. ZHR ranges from 50 to 100. so let's hope for the upper limit.

The DRACONIDS consist of a very narrow stream of meteors. It lasts three days. with only one hour of that time greater than one fourth of its greatest strength. That hour is at 5:00 a.m. EDT on 10/10/82. Unfortunately, the radiant will be grazing the horizon at that time, so expect that shower to be a fizzle. Better luck next year, and best results in 1984, when the radiant will be almost directly overhead during the peak hour.

Halley's Comet, which is due to return in a few years, is responsible for the ORIONIDS, which can be seen during the entire month of October, peaking on 10/21. There are differences of opinion about the exact time of the peak. but you can expect the entire day to be close to peak strength. With the radiant at its highest around 4:20 a.m. local time (give or take a half hour), best results will be on the morning of 10/21. Although ZHR is only 10, it combined with the high rate of sporadic meteors in the morning should produce good results.

There's an interesting story behind the ANDROMEDIDS, which helps to show the relation between comets and meteor showers. There used to be a comet called Bilea's Comet. which orbited the sun every $6\frac{1}{2}$ years. The Andromedids existed at the same time, but nobody ever connected the two. In 1845, the comet was seen to split into two. The two returned in 1852, this time 1 million miles apart (six times the distance between the Farth and the Moon). The comets never appeared in 1859 and 1866, but in 1872 there was instead a spectacular shower. There was another spectacular shower in 1885. Because of gravitational pull from Jupiter, the center of the stream's orbit has moved farther from the Earth's orbit, and the stream is now much weaker. ZHR is now about. 10. The shower lasts from August through November, peaking on 11/14. The radiant is at its highest around 10:00 p.m.

The Leonids (Nov. 14-20) are known to have what are known as "knots." parts along its orbital path where meteors are more concentrated. On certain years, when the Earth passes through the orbit of the Leonids at the location of a "knot." the shower will appear very abundant. Some knots are right behind the associated comet. Tempel-Tuttle. and can be predicted. Others exist, but are unpredictable. The Leonids peak this year around noon EDT on 11/17. The radiant is at its highest around 11:00 p.m., so the two nights either side of its peak should be fairly good.

SPORADIC METEORS:

According to a graph published in the Monthly Notices of the Royal Astronomical Society, Vol. 116, sporadic meteor rates climb from a minimum in February to a peak in July. Figuring that sporadic meteors normally range from about 5 per hour at sunset to 15 at sunrise. we could double that figure for June-August from 10 at sunset and 30 at sunrise. Sporadic meteors rapidly drop in number in September, and make a slight increase over the rest of the year.

WHY ISN'T THERE MUCH MORE METEOR SCATTER? The second meteor scatter brought out the fact that overdense reflections are created by trails that are visible, and that underdense trails are not visible to the eye. Also, on the lower VHF frequencies, it seems that the total number of bursts, both overdense and underdense, is not too far off from the OHR (observed hourly rate). This being the case, only very few trails actually result in the reception of a reflected signal. Improper orientation is definitely one factor making some trails useless. It has been found that, for a particular path from a transmitter to receiver, only meteors in a very small portion of the sky will reflect the signal. Another factor (I'm not sure how significant) could be the fact that some meteors break up, and signals reflected from more than one point (multiple trails) are often weakened.

REVIEW:

RAYSON HIGH PERFORMER II UHF PREAMP

If you are seriously interested in getting good UHF TV DX performance, you probably already know that a good low noise mast-mounted preamp is the key part of your system. UHF TV tuner noise figures are very poor, even on the latest model sets, and a good antenna simply isn't enough to bring in all the DX possibilities by itself.

A fairly wide selection of commercially available units exists, but almost all of them are effectively useless for TV DXing, due to poor overload rejection, inadequate noise figures, insufficient gain, or a combination of these problems. Also, there's the problem of price. Most of the models available that are good for DXing are not very cheap. The Winegard AC-4990 can cost you around \$100 these days, and the most recent versions of the CMA-Ub are more than \$200.

An interesting trend has been recently taking place in the electronics industry and among experimenters that may prove to be a real boom for TV DX enthusiasts, and low-noise/high gain UHF preamps are at the center of it. For a variety of reasons, mainly led by the increasing interest in reception of UHF pay-TV signals in several U.S. cities, many new preamp circuits have been devised, some of them using newer low-noise devices that have recently started to become widely available to experimenters.

The March 1982 issue of RADIO-ELECTRONICS magazine started a two-part construction article (concluding in their May issue) that featured a couple of microwave transistors built into a PC board in <u>stripline</u> fashion, a standard microwave technique that makes for an almost ideal impedance match through the circuit. The <u>real</u> breakthrough in this project was the price versus claimed performance. For about \$35 in parts, the results were said to be almost unbelievable: 25 dB gain, with a 2 dB typical noise figure, with 3.5 dB nf maximum. The circuit was said to be especially hot on the higher UHF TV channels, unlike many commercially available ones, which tend to start to "roll off" in gain at around ch 60 or so. In fact, the circuit was claimed to have slightly more than 25 dB of gain at ch 70, a real rarity among such units, but not surprising in light of the fact that microwave devices are employed.

Feeling that all this seemed too good to be true, I decided to order an assembled version of the circuit from RaySon, a small electronics parts supplier catering to the experimenter. I've been using it in my UHF system, and have been comparing it with my CMA-Ub (circa 1976). I'm pleased to report that this circuit, sold in assembled form as the RaySon High Performer II, is the best value-for-the-money unit I have ever seen. Currently available for \$47.50 as of this writing, it does live up to its name, something few UHF preamps really turn out to do.

Before you decide to try one out, it should be stressed that comparing such units is often an "apples and oranges" situation. The High Performer II is basically no-frills, with a power supply that consists of a modified balun and calculator-type AC adaptor that probably would make the design engineers at Winegard and Blonder-Tongue laugh (but it serves the purpose). "No-frills" means that you get a unit that may not be as durable as a CMA-Ub (designed for MATV systems), or even an AC-4990 (designed for home TV systems)—but again, remember that this amp is for the experimenter. You may not get the kind of durability or weatherproofing that a CMA-Ub offers, but you do get better results on some channels, plus performance that's a bit closer to state-of-the art than the higher priced preamps.

The High Performer II's best feature may be good characteristics on the higher UHF channels, specifically the ch 60 to 70 range. Without the proper test equipment, it's hard to give you exact data—but my unit showed consistently better results than the CMA-Ub in that range. Troposcatter

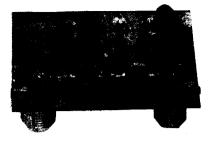
REVIEW: RAYSON HIGH PERFORMER II UHF PREAMP

from WOAC-67 in Canton, OH at about 200 miles was stronger and much more consistent in my system with the High Performer II than it was with the CMA-Ub. A CBC French repeater on ch 68 seems to be very regular with the preamp; with the CMA-Ub, it was never quite as noticeable. Several regional translators in the 60's look better. However, in the ch 50 to 60 range, it's more of a toss-up between the CMA-Ub and the High Performer II.

CMA-Ub and the High Performer II.

On the lower UHF channels, the preamp does not offer very good results when compared to the CMA-Ub.

If compared to a Winegard AC-4990 in this region, it would rank a poor third.



HIGH PERFORMER II BOARD

The reason for this is simple. The RaySon circuit, remember, uses components that are intended for microwave use, at 2100 MHz and higher. The input filter is a high pass filter intended to reject signals below 500 MHz (near ch 20). The preamp will pass signals below ch 20, but with hardly any real improvement. At ch 14, the gain is down to about 15 dB while noise figure is at about its highest, and the net result is hardly enough to overcome loss in your coax.

If you can live with the drawback of having mediocre results at the bottom of the UHF TV band, this amp will make a good unit for DXing the newer translators in the ch 50 to 69 range. Since it is a two stage circuit, it has much less tendency to overload. It will overload in the presence of a strong UHF local, but if you can null it out (or trap it out), you won't have that much of a problem. Overload rejection is quite a bit better in this unit than in my CMA-Ub, but considerably worse than in an AC-4990, which excels in the presence of one or more strong local signals.

One of the things I like about the RaySon High Performer II is the cross-modulation rejection. I have far fewer problems, at least when my dish is pointed away from the locals on 17 and 29, in my key DX directions. Ch 33, once filled witr cross-mod from chs 17 and a local FM station, is now clean. Ch 45, which shows an image plus some ch 17 cross-mod with the local 29 in almost every direction on the CMA-Ub, is much more clear with the High Performer II. This is without doubt due in part to the fact that the unit does not have as much gain on chs 17 and 29 as my CMA-Ub--a mixed blessing, to be sure.

You'll have to provide your own low-loss balun at your UHF antenna terminals if you use this unit, which is only available in the 75-ohm kit or assembled version. RaySon provides you with a modified low-loss balun for the back of your set (modified to take the 9 volt DC power supply) which is quite fragile, due to their modifications. In keeping with good low-loss practices, they recomment use of a good 75-ohm foil shield type coax (Jerrold CAC-11 is a good choice).

If you'd like more info about this amp, or would like to order one, contact RaySon Electronics, 1010 12th St., Suite 5, Sparks, NV 89431. Their kit version costs \$34.50 plus \$2.00 for shipping (don't try to build the kit unless you've built UHF or microwave-type circuits before—it can be quite tricky to the uninitiated). The assembled version costs \$47.50 plus \$2.00 shipping. My preamp took two months to arrive, and we have heard that it's selling well as a result of the RADIO-ELECTRONICS articles. Thus, if you order the assembled version, you may have a lengthy wait. Keep in mind, RaySon is mainly a parts supplier, not a large company like Winegard. Nevertheless, component quality and construction in my preamp seem first rate. The price is the real breakthrough though, especially to those of us who like to experiment with preamps. For DXing in the ch 50 to 69 range, you probably can't do much better without going to the more exotic and recent state—of—the—art GaASFET preamps that a few experimenters have put together.

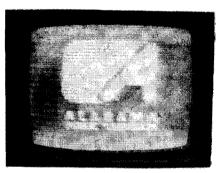


Mike Reid 109 Arjay Cres. North York, Ont. N2L 106 CANADA

Deadlines: 20'th.



KAUT-43 Oklahoma City, OK 380 mile tropo May/82.



WDIQ-2 Dozier, AL 1008 mile Es.



KEDT-16 Corpus Christi, TX 505 mile tropo May/82.



KNXT-2 Los Angeles, CA 885 mile Es.

KTPX-9 Odessa-Monahans, TX 73 mile tropo

All photos this month are from my first contributor, Jim Pizzi of Lovington, NM.

73's

Mike

C.C. [UNIDENTIFIED DX]

Robert Grant, NSDZY. 5775 Bishop Detroit, MI 48224. August, 1982

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w unIDs:
        Jim Pizzi, P.O. Box 1778, Lovington, NM 88260.
  1982: Tue 25 May Es ch 2 1802 MDT — ID as "TTM" (PTA Mexico) (not "TRM" - TV Rural Mexico? -RG)

" " " ch 3 1803 MDT — "Sheriff Lobo" or "BJ & The Bear"
                 Es ch 2 1500 MDT-- "The Brady Bunch" (PTA for 5/26 is NNE)
" ch 5 1500 MDT-- "Happy Days"
                  " ch 5 1501 MDT- "Leave It To Beaver"
                 " ch 5 1506 MDT-- "The Brady Bunch"
                 Ms ch 3 0208 MOT-- chs. 3,11 & 12 w/ NBC logo.
                                     (KOTA, Rapid City, SD. It's sattelites are KHSD & KSCW -RG)
                  Tr ch 19 0418 MOT- Translator of KGLD-11. (PTA: ENE)
                  Tr ch 20 0443 MDT -- "Indian Head" Test Pattern. (PTA: ENE)
                  Tr ch 20 0443 MOT- Color Bar Pattern (CBP) (PTA: ENE)
                                     (These ch 20's were zero beat to each other)
                  Es ch 2 1835 MDT - "M*A*6*H" (PTA: NE)
       Thu 3 Jun Tr ch 15 0550 MDT- "USam" (PTA: E)
Mon 7 Jun Tr ch 46 0116 MDT- Movie: "Queen Of Sheeba" (PTA East, WTBS-17 in.)
       Tue 8 Jun Es ch 4 0927 MDT-- "The Peoples Court"
        Robert Goodman, 2030 Hering Ave., Bronx, NY 10461.
  1982: Mon 31 May Es ch 3 1626 EDT -- ("Tattle Tales" (PTA: SW)
        Mon 7 Jun Es ch 3 1630 EDT -- Movie: "Bringing Up Baby" (w/Jerry Lewis) (PTA: W)
           " " ch 2 1655 EDT-- promo: "The Jeffersons" weekdays. (PTA: W)
        " " " ch 3 1749 EDT -- "Rockford Files" (PTA: W)
        Tue 15 Jun Es ch 2 1942 EDT -- "Entertainment Tonight" Ø offset. (PTA: SW)
Robert Grant, 5775 Bishop, Detroit, MI 48224. editor.
  1982: Mon 7 Jun Es ch 6 1751 EDT — "Hogan's Herces" (FTA: S)
" " ch 6 1950 EDT — "The Muppet Show" (FTA: SW)
        Thu 10 Jun Es ch 3 1807 EDT- "Cable News Network 2 News" (PTA: S)
       Tue 22 Jun Ms ch 2 0410 EDT -- Diana Davis on news.
       Sat 26 Jun Es ch 2 1240 EDT -- Round Color TP w/ID. into 3/4 CBP @ 1245. (PTA: SSW)
FM un IDs:
  Jim Pizzi, P.O. Box 1778, Lovington, NM 88260.

1982: Sum 6 Jun Es 96.3 1720 MDT-- ad- "Lebanon Cable TV"
                  * 88.3 1802 MDT-- mention of Millwaukee & Fort Atkinson. (PTA: NNE)
                       (Does anyone know if WHWC is part of a state radio network? -RG)
                      96.9 2135 MDT-- "97 Rock" phone number 766-9797. (PTA: W) (KROY checks. -RG)
            I would like to thank Robert Goodman this week for bringing to my attention that
        "Plywood Minnesota" is a nationwide chain and not a regional one as I had suspected.
        (I have never seen them in Detroit, Then again, Who wants to be seen in Detroit? hi,)
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NEXT MONTH in the V.U.D.



● AFTER A STORMY JUNE, JULY BRINGS SUMMER HEAT WAVE TYPE TROPO CONDITIONS

NSDZY.

73 & gud DX.

- A HOT INDOOR UHF DX ANTENNA FOR APARTMENT DWELLERS THAT'S FAIRLY CHEAP, EASY TO OBTAIN, AND DOESN'T TAKE UP TOO MUCH SPACE
- MORE DX PHOTOS

WTFDA Mailbox (continued from page 3)
[Rames, Cont.) UHF within 250 miles with indoor antennas and most VHF. Planning elaborate outdoor antenna system. Adjacent channel interference my biggest problem. I'm interested in homebuilt antennas. Would like to meet TV DX enthusiasts in my area."

Finally, new member DAVID RAUDENBUSH is a miner. He also belongs to

NRC and IRCA.

Tidbits.....

Here's a few words from member Ronald Purdue: "This week, the 28th of June through the 2nd of July, I hope to get the Archer VU-120 replaced by a Winegard CH-7084 in order for the AC-9880 to be used for its full potential. And, I agree with the club HO about the computerized mailing list. That way, the VUDs will arrive early in the month instead of late in the month or into the following month." Ronald, a computerized mailing list in itself will neither speed up nor slow down the delivery of the VUD. Until now, I've been typing the address labels each month to save the club money, and they get to HQ before the month of issue. Only on extremely rare occasions have the labels not been in Mike Hogan's hands. when he receives the VUD for mailing. A computerized list will make bookkeeping easier and eliminate the need for typing the labels each

Every year we send out a mailing to members who have left the club in the preceeding year. We get many members back this way, and also get some interesting comments. Former member John Demmitt issues an indictment against some unnamed members which I hope will be a lesson to all: "Just received your invitation to join WTFDA and thought I would explain just why I left your organization in the first place. Perhaps it might help you in the future. As a beginner to DXing TV and FM, I had many questions and attempted to contact some of the WTFDA members in an attempt to have certain questions answered. I was very disappointed when I did not hear from any of the members I attempted to contact. As a result my questions are still unanswered and I am of the opinion that the members feel they are better than the new people attempting to join the club. These older members are making a very big mistake. An exclusive club with no new blood will die in time. Their lack of response told me I was not wanted, so I let my membership run out. Your publication did, however, contain many excellent articles and the layout was good. I must admit that I miss receiving your publication, especially now that there is plenty of DX in the air.

September is the last issue for me. See y'all next month....73....iz

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GET YOUR OWN copy of this classic "DX Den" drawing with any supply order of \$5 or more (does not include TV STATION GUIDE or FM ATLAS orders). Drawn by DX artist Harry Hayes for the September 1975 VUD, this print is suitable for framing in your own DX den. See the back cover page for a list of supplies. Hurry! Supply is limited.

